NERTO_Code

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```r
# Defining Constants for downloads
# The code when commented out checks out on accuracy assembly, all tests come back as "TRUE"

base_URL <- "https://data.bls.gov/cew/data/files/"

sic_subdirs <- "/sic/csv/"
sic_prefix <- "sic_"
sic_body <- "_annual_by_area"
sic_extension <- ".zip"

naic_subdirs <- "/csv/"
naic_prefix <-  ""
naic_body <- "_annual_by_area"
naic_extension <- ".zip"

#test_sic <- "https://data.bls.gov/cew/data/files/1990/sic/csv/sic_1990_annual_by_area.zip"
#test_naic <- "https://data.bls.gov/cew/data/files/1990/csv/1990_annual_by_area.zip"

#sic_filename <- paste0(sic_prefix,target_year, sic_body)
#sic_URL <- paste0(base_URL,target_year,sic_subdirs, sic_filename, sic_extension)
#sic_URL2 <- paste0(base_URL, target_year, sic_subdirs, sic_prefix, target_year, sic_body, sic_extensio

#naic_filename <- paste0(naic_prefix, target_year, naic_body)
#naic_URL <- paste0(base_URL,target_year,naic_subdirs, naic_filename,   naic_extension)
#naic_URL2 <- paste0(base_URL,target_year, naic_subdirs, target_year, naic_body, naic_extension)

#test_sic == sic_URL
#sic_URL == sic_URL2
#remove(test_sic, sic_URL, sic_URL2)
#test_naic == naic_URL
#naic_URL == naic_URL2
#remove(test_naic, naic_URL, naic_URL2)
```

Define more constants, and data sets that will be used

```r
#Defining FIPS Codes to be considered for analysis- Shoreline Counties

county= c('Baldwin','Mobile', 'Aleutians East Borough','Aleutians West Census Area',
                        'Anchorage Municipality', 'Bethel Census Area', 'Bristol Bay Borough',
                        'Haine Borough', 'Hoonah-Angoon Census Area', 'Juneau City and Borough'
                        'Ketchikan Gateway Borough', 'Kodiak Island Borough', 'Lake and Peninsul
                        'Nome Census Area', 'North Slope Borough', 'Northwest Artic Borough', '
                        'Prince of Wales-Hyder Census Area', 'Sitka City and Borough', 'Skagway
```

```
                              'Wade Hampton Census Area', 'Wrangell City and Borough', 'Yakutat City a
                              'Humboldt', 'Los Angeles', 'Marin', 'Mendocino', 'Monterey', 'Napa', 'O
                              'San Mateo', 'Santa Barbara', 'Santa Clara', 'Santa Cruz', 'Solano', 'S
                              'New London', 'Kent', 'New Castle', 'Sussex', 'District of Columbia', '
                              'Collier', 'Dixie', 'Duval', 'Escambia', 'Flagler', 'Franklin', 'Gulf',
                              'Lee', 'Levy', 'Liberty', 'Manatee', 'Martin', 'Miami-Dade', 'Monroe',
                              'Putnam', 'St. Johns', 'St. Lucie', 'Santa Rosa', 'Sarasota', 'Taylor',
                              'Camden', 'Charlton', 'Chatham', 'Glynn', 'Liberty', 'McIntosh', 'Wayne
                              'Cook', 'Lake', 'Lake', 'LaPorte', 'Porter', 'Ascension Parish', 'Assum
                              'Jefferson Davis Parish', 'Lafourche Parish', 'Livingston Parish', 'Orl
                              'St. Charles Parish', 'St. James Parish', 'St. John the Baptist Parish'
                              'Tangipahoa Parish', 'Terrebonne Parish', 'Vermilion Parish', 'Cumberla
                              'Washington', 'York', 'Anne Arundel', 'Baltimore', 'Calvert', 'Caroline
                              'Prince Georges', 'Queen Annes', 'St. Marys', 'Somerset', 'Talbot', 'Wi
                              'Dukes', 'Essex', 'Middlesex', 'Nantucket', 'Norfolk', 'Plymouth', 'Suf
                              'Baraga', 'Bay', 'Benzie', 'Berrien', 'Charlevoix', 'Cheboygan', 'Chipp
                              'Huron', 'Iosco', 'Keweenaw', 'Leelanau', 'Luce', 'Mackinac', 'Macomb',
                              'Oceana', 'Ontonagon', 'Ottawa', 'Presque Isle', 'St. Clair', 'Sanilac'
                              'St. Louis', 'Hancock', 'Harrison', 'Jackson', 'Rockingham', 'Strafford
                              'Essex', 'Gloucester', 'Hudson', 'Middlesex', 'Monmouth', 'Ocean', 'Sal
                              'Erie', 'Jefferson', 'Kings', 'Monroe', 'Nassau', 'New York', 'Niagara'
                              'Suffolk', 'Ulster','Wayne', 'Westchester', 'Beaufort', 'Bertie', 'Brun
                              'Hertford', 'Hyde', 'Jones', 'New Hanover', 'Onslow', 'Pamlico', 'Pasqu
                              'Cuyahoga', 'Erie', 'Lake', 'Lorain', 'Lucas', 'Ottawa', 'Sandusky', 'C
                              'Erie', 'Philadelphia', 'Bristol', 'Kent', 'Newport', 'Providence', 'Wa
                              'Hampton', 'Horry', 'Jasper', 'Aransas', 'Brazoria', 'Calhoun', 'Camero
                              'Matagorda', 'Nueces', 'Orange', 'Refugio', 'San Patricio', 'Victoria',
                              'Essex', 'Fairfax', 'Gloucester', 'Hanover', 'Henrico', 'Isle of Wight'
                              'Mathews', 'Middlesex', 'New Kent', 'Northampton', 'Northumberland', 'P
                              'Westmoreland', 'York', 'Alexandria City', 'Chesapeake City', 'Hampton
                              'Portsmouth City', 'Suffolk City', 'Virginia Beach City', 'Williamsburg
                              'Pacific', 'Pierce', 'San Juan', 'Skagit', 'Snohomish', 'Thurston', 'Wa
                              'Kenosha', 'Kewaunee', 'Manitowoc', 'Marinette', 'Milwaukee', 'Oconto',
                              'Guam', 'Northern Islands Municipality', 'Rota Municipality', 'Saipan M
                              'Arecibo Municipio', 'Arroyo Municipio', 'Barceloneta Municipio', 'Baya
                              'Ceiba Municipio', 'Culebra Municipio', 'Dorado Municipio', 'Fajardo Mu
                              'Hatillo Municipio', 'Humacao Municipio', 'Isabela Municipio', 'Juana D
                              'Maunabo Municipio', 'Mayaguez Municipio', 'Naguabo Municipio', 'Patill
                              Municipio','Rio Grande Municipio', 'Salinas Municipio', 'San Juan Munic
                              Municipio','Vieques Municipio', 'Yabucoa Municipio', 'Yauco Municipio',

# FIPS Numerical Codes for 452 Counties

fips <- c( '01003','01097','02013','02016','02020','02050','02060','02070','02100','02105','02110','021
           '02150','02164','02170','02180','02185','02188','02195','02198','02220','02230','02261','022
           '02282','06001','06013','06015','06023','06037','06041','06045','06053','06055','06059','060
           '06079','06081','06083','06085','06087','06095','06097','06111','09001','09007','09009', '09
           '10003', '10005', '11001', '12005', '12009', '12011', '12015', '12017', '12019', '12021', '1
           '12033', '12035', '12037', '12045', '12053', '12057', '12061', '12065', '12071', '12075', '1
           '12085', '12086', '12087', '12089', '12091', '12099', '12101', '12103', '12107', '12109', '1
           '12115', '12123', '12127', '12129', '12131', '13025', '13029', '13039', '13049', '13051', '1
           '13191', '13305', '15001', '15003', '15005', '15007', '15009', '17031', '17097', '18089', '1
           '22005', '22007', '22019', '22023', '22045', '22051', '22053', '22057', '22063', '22071', '2
```

```
                '22089', '22093', '22095', '22099', '22101', '22103', '22105', '22109', '22113', '23005', '2
                '23015', '23023', '23027', '23029', '23031', '24003', '24005', '24009', '24011', '24015', '24
                '24025', '24027', '24029', '24033', '24035', '24037', '24039', '24041', '24045', '24047', '24
                '25005', '25007', '25009', '25017', '25019', '25021', '25023', '25025', '26001', '26003', '26
                '26009', '26011', '26013', '26017', '26019', '26021', '26029', '26031', '26033', '26041', '26
                '26055', '26061', '26063', '26069', '26083', '26089', '26095', '26097', '26099', '26101', '26
                '26109', '26115', '26121', '26127', '26131', '26139', '26141', '26147', '26151', '26153', '26
                '26163', '27031', '27075', '27137', '28045', '28047', '28059', '33015', '33017', '34001', '34
                '34007', '34009', '34011', '34013', '34015', '34017', '34023', '34025', '34029', '34033', '34
                '36005', '36011', '36013', '36027', '36029', '36045', '36047', '36055', '36059', '36061', '36
                '36073', '36075', '36079', '36081', '36085', '36087', '36103', '36111', '36117', '36119', '37
                '37019', '37029', '37031', '37041', '37049', '37053', '37055', '37073', '37091', '37095', '37
                '37133', '37137', '37139', '37141', '37143', '37147', '37177', '37187', '39007', '39035', '39
                '39093', '39095', '39123', '39143', '41007', '41011', '41015', '41019', '41039', '41041', '41
                '42049', '42101', '44001', '44003', '44005', '44007', '44009', '45013', '45015', '45019', '45
                '45043', '45049', '45051', '45053', '48007', '48039', '48057', '48061', '48071', '48167', '48
                '48245', '48261', '48273', '48321', '48355', '48361', '48391', '48409', '48469', '48489', '5
                '51033', '51036', '51041', '51057', '51059', '51073', '51085', '51087', '51093', '51095', '5
                '51101', '51103', '51115', '51119', '51127', '51131', '51133', '51149', '51153', '51159', '5
                '51181', '51193', '51199', '51510', '51550', '51650', '51670', '51700', '51710', '51735', '5
                '51810', '51830', '53009', '53027', '53029', '53031', '53033', '53035', '53045', '53049', '53
                '53057', '53061', '53067', '53069', '53073', '55003', '55007', '55009', '55029', '55031', '55
                '55061', '55071', '55075', '55079', '55083', '55089', '55101', '55117', '60010', '60020', '60
                '69085', '69100', '69110', '69120', '72003', '72005', '72011', '72013', '72015', '72017', '72
                '72027', '72031', '72033', '72037', '72049', '72051', '72053', '72055', '72057', '72059', '72
                '72069', '72071', '72075', '72079', '72087', '72089', '72091', '72095', '72097', '72103', '72
                '72113', '72115', '72117', '72119', '72123', '72127', '72133', '72137', '72143', '72145', '72
                '72153', '78010', '78020', '78030') # Using County Shoreline FIPS code

#Check number of counties
nchar(fips)
```

```
##   [1] 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
##  [38] 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
##  [75] 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
## [112] 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
## [149] 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
## [186] 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
## [223] 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
## [260] 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
## [297] 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
## [334] 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
## [371] 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
## [408] 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
## [445] 5 5 5 5 5 5 5 5
```

```
# Define years for SIC data extraction
sic_years <- c(1975:2000)

# Define years for NAIC data extraction
naic_years <- c(1990:2020)

# Define variable for extraction in SIC data
vars_sic <- c("annual_avg_estabs_count","annual_avg_emplvl","total_annual_wages","avg_annual_pay")
```

```r
# Define extra variables needed
extra_sic_vars <- c("area_fips", "year","agglvl_code", "own_title",
                    "industry_title")

outfile_base <- here("data","sic_extracted")
```

QCEW Downloadable Files for SIC Data set

```r
# Download and data process (loop through all variables)

# Declare sequence outside of loop

years=1975:2000

vars_sic <- c("annual_avg_estabs_count","annual_avg_emplvl","total_annual_wages","avg_annual_pay")

# Calculate the maximum iterations

max_iterations <-length (years)* length (fips)* length (vars_sic)

# Initialize a variable to count total iterations

total_iterations <- 0

# Start the loop

test_years <- c(1991) # years
test_fips <- fips #[1:452]

for (this_year in test_years) {
  tic("Year loop")
  print(paste("'Outer' loop with year =", this_year))

  outfile <- paste0(outfile_base, "_", this_year,".csv")
  # write out a header row
  write_lines(paste(c(extra_sic_vars, vars_sic), collapse = ","), outfile, append = FALSE)

  sic_filename <- paste0(sic_prefix, this_year, sic_body)
  sic_URL <-
    paste0(base_URL,
           this_year,
           sic_subdirs,
           sic_filename,
           sic_extension)
  sic_local <- here("data", paste0(sic_filename, sic_extension))
  print(sic_URL)
  if (! file.exists(sic_local)) {
    tic("Download")
    download.file(sic_URL, sic_local)
    toc() # Download
  }
  file_list <- unzip(sic_local, list = TRUE)

  for (this_fips in test_fips){
```

```r
    tic("Fips loop")
    print(paste("'Middle' loop with FIPS =",this_fips))
    download_list <- file_list %>%
      filter(grepl(this_fips, Name))

    if(length(download_list$Name) == 0) {
      print(paste0("No data for FIPS = ", this_fips))
      toc() #FIPS w/out data
    } else {

      sfile <- unzip(
        sic_local,
        files = (download_list$Name),
        junkpaths = TRUE,
        overwrite = TRUE,
        exdir = here("data", "tmp")
      )
      fips_df <- read_csv(sfile)
      # glimpse(fips_df)

      # This next bit subsets out the data needed and keeps both the overall
      # county sum and the sums by each major industry level (Federal, State,
      # and Private.  The last three SHOULD sum up to the countywide total, but
      # that doesn't seem to be the case all the time.
      #
      # Note that using subset() keeps you from having to do a third nested loop.
      # for (this_variable in vars_sic) {
      # }

      fips_vars <- subset(fips_df, select = c(extra_sic_vars, vars_sic)) %>%
        filter(agglvl_code == 26 | agglvl_code == 27)  # %>%
      # group_by(agglvl_code) %>%
      # mutate(across(c(annual_avg_estabs_count:avg_annual_pay), sum))
      #
      #
      # The last 2 lines above would have summed the 3 sectors into a total
      # to compare with the countywide total.  I suggest doing that
      # in another program once this one has extracted everything.

      # Append the info for this FIPS onto the output file.
      write_csv(fips_vars, outfile, append = TRUE)

      # Remove the unzipped file for this FIPS
      unlink(sfile, force = TRUE)
      toc() # FIPS loops
    }
  }

  # Done with year, remove zip file for this year
  unlink(sic_local, force = TRUE)
  toc() # Year loop
}
```

```
## [1] "'Outer' loop with year = 1991"
```

```
## [1] "https://data.bls.gov/cew/data/files/1991/sic/csv/sic_1991_annual_by_area.zip"
## Download: 21.331 sec elapsed
## [1] "'Middle' loop with FIPS = 01003"

## Rows: 780 Columns: 20

## -- Column specification -----------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.468 sec elapsed
## [1] "'Middle' loop with FIPS = 01097"

## Rows: 1072 Columns: 20

## -- Column specification -----------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.422 sec elapsed
## [1] "'Middle' loop with FIPS = 02013"

## Rows: 111 Columns: 20

## -- Column specification -----------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.269 sec elapsed
## [1] "'Middle' loop with FIPS = 02016"

## Rows: 244 Columns: 20

## -- Column specification -----------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.405 sec elapsed
## [1] "'Middle' loop with FIPS = 02020"

## Rows: 953 Columns: 20
```

```
## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.346 sec elapsed
## [1] "'Middle' loop with FIPS = 02050"

## Rows: 294 Columns: 20

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.502 sec elapsed
## [1] "'Middle' loop with FIPS = 02060"

## Rows: 181 Columns: 20

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.324 sec elapsed
## [1] "'Middle' loop with FIPS = 02070"

## Rows: 227 Columns: 20

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.43 sec elapsed
## [1] "'Middle' loop with FIPS = 02100"

## Rows: 198 Columns: 20

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
##
```

```
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.325 sec elapsed
## [1] "'Middle' loop with FIPS = 02105"
## [1] "No data for FIPS = 02105"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 02110"

## Rows: 575 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.825 sec elapsed
## [1] "'Middle' loop with FIPS = 02122"

## Rows: 585 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.873 sec elapsed
## [1] "'Middle' loop with FIPS = 02130"

## Rows: 463 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.673 sec elapsed
## [1] "'Middle' loop with FIPS = 02150"

## Rows: 401 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 0.651 sec elapsed
## [1] "'Middle' loop with FIPS = 02164"

## Rows: 110 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.221 sec elapsed
## [1] "'Middle' loop with FIPS = 02170"

## Rows: 527 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.826 sec elapsed
## [1] "'Middle' loop with FIPS = 02180"

## Rows: 279 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.478 sec elapsed
## [1] "'Middle' loop with FIPS = 02185"

## Rows: 224 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.409 sec elapsed
## [1] "'Middle' loop with FIPS = 02188"

## Rows: 197 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
```

```
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.365 sec elapsed
## [1] "'Middle' loop with FIPS = 02195"
## [1] "No data for FIPS = 02195"
## Fips loop: 0.007 sec elapsed
## [1] "'Middle' loop with FIPS = 02198"
## [1] "No data for FIPS = 02198"
## Fips loop: 0.007 sec elapsed
## [1] "'Middle' loop with FIPS = 02220"

## Rows: 374 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.656 sec elapsed
## [1] "'Middle' loop with FIPS = 02230"
## [1] "No data for FIPS = 02230"
## Fips loop: 0.01 sec elapsed
## [1] "'Middle' loop with FIPS = 02261"

## Rows: 366 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.594 sec elapsed
## [1] "'Middle' loop with FIPS = 02270"

## Rows: 128 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.272 sec elapsed
## [1] "'Middle' loop with FIPS = 02275"
## [1] "No data for FIPS = 02275"
```

```
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 02282"
## [1] "No data for FIPS = 02282"
## Fips loop: 0.006 sec elapsed
## [1] "'Middle' loop with FIPS = 06001"

## Rows: 1438 Columns: 20

## -- Column specification --------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.43 sec elapsed
## [1] "'Middle' loop with FIPS = 06013"

## Rows: 1234 Columns: 20

## -- Column specification --------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.723 sec elapsed
## [1] "'Middle' loop with FIPS = 06015"

## Rows: 485 Columns: 20

## -- Column specification --------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.884 sec elapsed
## [1] "'Middle' loop with FIPS = 06023"

## Rows: 869 Columns: 20

## -- Column specification --------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 3.131 sec elapsed
## [1] "'Middle' loop with FIPS = 06037"
```

```
## Rows: 1735 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 4.6 sec elapsed
## [1] "'Middle' loop with FIPS = 06041"

## Rows: 1015 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 2.848 sec elapsed
## [1] "'Middle' loop with FIPS = 06045"

## Rows: 819 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.927 sec elapsed
## [1] "'Middle' loop with FIPS = 06053"

## Rows: 1097 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 3.093 sec elapsed
## [1] "'Middle' loop with FIPS = 06055"

## Rows: 831 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
```

```
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 2.46 sec elapsed
## [1] "'Middle' loop with FIPS = 06059"

## Rows: 1519 Columns: 20

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 3.686 sec elapsed
## [1] "'Middle' loop with FIPS = 06073"

## Rows: 1495 Columns: 20

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 2.228 sec elapsed
## [1] "'Middle' loop with FIPS = 06075"

## Rows: 1333 Columns: 20

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.498 sec elapsed
## [1] "'Middle' loop with FIPS = 06079"

## Rows: 1000 Columns: 20

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.582 sec elapsed
## [1] "'Middle' loop with FIPS = 06081"
```

```
## Rows: 1236 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 2.04 sec elapsed
## [1] "'Middle' loop with FIPS = 06083"

## Rows: 1169 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 2.362 sec elapsed
## [1] "'Middle' loop with FIPS = 06085"

## Rows: 1383 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.46 sec elapsed
## [1] "'Middle' loop with FIPS = 06087"

## Rows: 1010 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.424 sec elapsed
## [1] "'Middle' loop with FIPS = 06095"

## Rows: 1067 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
```

```
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.414 sec elapsed
## [1] "'Middle' loop with FIPS = 06097"

## Rows: 1200 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.386 sec elapsed
## [1] "'Middle' loop with FIPS = 06111"

## Rows: 1253 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 2.45 sec elapsed
## [1] "'Middle' loop with FIPS = 09001"

## Rows: 1299 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.678 sec elapsed
## [1] "'Middle' loop with FIPS = 09007"

## Rows: 933 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.717 sec elapsed
## [1] "'Middle' loop with FIPS = 09009"
```

```
## Rows: 1270 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 2.185 sec elapsed
## [1] "'Middle' loop with FIPS = 09011"

## Rows: 1015 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, disclosure_code, area_title, own_ti...
## dbl (11): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 4.173 sec elapsed
## [1] "'Middle' loop with FIPS = 10001"

## Rows: 815 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 2.889 sec elapsed
## [1] "'Middle' loop with FIPS = 10003"

## Rows: 1074 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.849 sec elapsed
## [1] "'Middle' loop with FIPS = 10005"

## Rows: 748 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
```

```
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.118 sec elapsed
## [1] "'Middle' loop with FIPS = 11001"

## Rows: 1118 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.427 sec elapsed
## [1] "'Middle' loop with FIPS = 12005"

## Rows: 853 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.2 sec elapsed
## [1] "'Middle' loop with FIPS = 12009"

## Rows: 1058 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.358 sec elapsed
## [1] "'Middle' loop with FIPS = 12011"

## Rows: 1307 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.365 sec elapsed
## [1] "'Middle' loop with FIPS = 12015"
```

```
## Rows: 700 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.988 sec elapsed
## [1] "'Middle' loop with FIPS = 12017"

## Rows: 679 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.985 sec elapsed
## [1] "'Middle' loop with FIPS = 12019"

## Rows: 704 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.085 sec elapsed
## [1] "'Middle' loop with FIPS = 12021"

## Rows: 872 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.302 sec elapsed
## [1] "'Middle' loop with FIPS = 12029"

## Rows: 314 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
```

```
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.48 sec elapsed
## [1] "'Middle' loop with FIPS = 12031"

## Rows: 1190 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.368 sec elapsed
## [1] "'Middle' loop with FIPS = 12033"

## Rows: 1009 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.371 sec elapsed
## [1] "'Middle' loop with FIPS = 12035"

## Rows: 500 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.874 sec elapsed
## [1] "'Middle' loop with FIPS = 12037"

## Rows: 313 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.507 sec elapsed
## [1] "'Middle' loop with FIPS = 12045"
```

```
## Rows: 332 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.531 sec elapsed
## [1] "'Middle' loop with FIPS = 12053"

## Rows: 689 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.993 sec elapsed
## [1] "'Middle' loop with FIPS = 12057"

## Rows: 1279 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.859 sec elapsed
## [1] "'Middle' loop with FIPS = 12061"

## Rows: 761 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.493 sec elapsed
## [1] "'Middle' loop with FIPS = 12065"

## Rows: 349 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
```

```
## 
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.539 sec elapsed
## [1] "'Middle' loop with FIPS = 12071"

## Rows: 1044 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

## 
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.443 sec elapsed
## [1] "'Middle' loop with FIPS = 12075"

## Rows: 461 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

## 
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.708 sec elapsed
## [1] "'Middle' loop with FIPS = 12077"

## Rows: 197 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

## 
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.368 sec elapsed
## [1] "'Middle' loop with FIPS = 12081"

## Rows: 884 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

## 
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.231 sec elapsed
## [1] "'Middle' loop with FIPS = 12085"
```

```
## Rows: 806 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.139 sec elapsed
## [1] "'Middle' loop with FIPS = 12086"
## [1] "No data for FIPS = 12086"
## Fips loop: 0.014 sec elapsed
## [1] "'Middle' loop with FIPS = 12087"

## Rows: 756 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.342 sec elapsed
## [1] "'Middle' loop with FIPS = 12089"

## Rows: 580 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.963 sec elapsed
## [1] "'Middle' loop with FIPS = 12091"

## Rows: 831 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.513 sec elapsed
## [1] "'Middle' loop with FIPS = 12099"

## Rows: 1220 Columns: 20

## -- Column specification ------------------------------------------------------
```

```
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 2.221 sec elapsed
## [1] "'Middle' loop with FIPS = 12101"

## Rows: 860 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.654 sec elapsed
## [1] "'Middle' loop with FIPS = 12103"

## Rows: 1227 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.65 sec elapsed
## [1] "'Middle' loop with FIPS = 12107"

## Rows: 614 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.256 sec elapsed
## [1] "'Middle' loop with FIPS = 12109"

## Rows: 762 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.061 sec elapsed
## [1] "'Middle' loop with FIPS = 12111"

## Rows: 822 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.497 sec elapsed
## [1] "'Middle' loop with FIPS = 12113"

## Rows: 675 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.96 sec elapsed
## [1] "'Middle' loop with FIPS = 12115"

## Rows: 1009 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 2.187 sec elapsed
## [1] "'Middle' loop with FIPS = 12123"

## Rows: 425 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.893 sec elapsed
## [1] "'Middle' loop with FIPS = 12127"

## Rows: 1020 Columns: 20
```

```
## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.757 sec elapsed
## [1] "'Middle' loop with FIPS = 12129"

## Rows: 323 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.689 sec elapsed
## [1] "'Middle' loop with FIPS = 12131"

## Rows: 498 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.794 sec elapsed
## [1] "'Middle' loop with FIPS = 13025"

## Rows: 204 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.365 sec elapsed
## [1] "'Middle' loop with FIPS = 13029"

## Rows: 293 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
```

```
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.474 sec elapsed
## [1] "'Middle' loop with FIPS = 13039"

## Rows: 415 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.683 sec elapsed
## [1] "'Middle' loop with FIPS = 13049"

## Rows: 232 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.619 sec elapsed
## [1] "'Middle' loop with FIPS = 13051"

## Rows: 897 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.32 sec elapsed
## [1] "'Middle' loop with FIPS = 13127"

## Rows: 713 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.595 sec elapsed
## [1] "'Middle' loop with FIPS = 13179"

## Rows: 432 Columns: 20
```

```
## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.942 sec elapsed
## [1] "'Middle' loop with FIPS = 13191"

## Rows: 208 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.41 sec elapsed
## [1] "'Middle' loop with FIPS = 13305"

## Rows: 440 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.655 sec elapsed
## [1] "'Middle' loop with FIPS = 15001"

## Rows: 870 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.255 sec elapsed
## [1] "'Middle' loop with FIPS = 15003"

## Rows: 1227 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
```

```
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.461 sec elapsed
## [1] "'Middle' loop with FIPS = 15005"
## [1] "No data for FIPS = 15005"
## Fips loop: 0.011 sec elapsed
## [1] "'Middle' loop with FIPS = 15007"

## Rows: 697 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.353 sec elapsed
## [1] "'Middle' loop with FIPS = 15009"

## Rows: 821 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.494 sec elapsed
## [1] "'Middle' loop with FIPS = 17031"

## Rows: 1536 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.659 sec elapsed
## [1] "'Middle' loop with FIPS = 17097"

## Rows: 1164 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 2.306 sec elapsed
## [1] "'Middle' loop with FIPS = 18089"

## Rows: 962 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 2.184 sec elapsed
## [1] "'Middle' loop with FIPS = 18091"

## Rows: 794 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.524 sec elapsed
## [1] "'Middle' loop with FIPS = 18127"

## Rows: 736 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.154 sec elapsed
## [1] "'Middle' loop with FIPS = 22005"

## Rows: 644 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.183 sec elapsed
## [1] "'Middle' loop with FIPS = 22007"

## Rows: 364 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.695 sec elapsed
## [1] "'Middle' loop with FIPS = 22019"

## Rows: 921 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.37 sec elapsed
## [1] "'Middle' loop with FIPS = 22023"

## Rows: 286 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.767 sec elapsed
## [1] "'Middle' loop with FIPS = 22045"

## Rows: 697 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.067 sec elapsed
## [1] "'Middle' loop with FIPS = 22051"

## Rows: 1099 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 2.019 sec elapsed
## [1] "'Middle' loop with FIPS = 22053"

## Rows: 518 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.405 sec elapsed
## [1] "'Middle' loop with FIPS = 22057"

## Rows: 696 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.293 sec elapsed
## [1] "'Middle' loop with FIPS = 22063"

## Rows: 570 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.161 sec elapsed
## [1] "'Middle' loop with FIPS = 22071"

## Rows: 1172 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.508 sec elapsed
## [1] "'Middle' loop with FIPS = 22075"

## Rows: 497 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.739 sec elapsed
## [1] "'Middle' loop with FIPS = 22087"

## Rows: 603 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.942 sec elapsed
## [1] "'Middle' loop with FIPS = 22089"

## Rows: 524 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.789 sec elapsed
## [1] "'Middle' loop with FIPS = 22093"

## Rows: 405 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.631 sec elapsed
## [1] "'Middle' loop with FIPS = 22095"

## Rows: 557 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 0.866 sec elapsed
## [1] "'Middle' loop with FIPS = 22099"

## Rows: 512 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.131 sec elapsed
## [1] "'Middle' loop with FIPS = 22101"

## Rows: 670 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.986 sec elapsed
## [1] "'Middle' loop with FIPS = 22103"

## Rows: 888 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.271 sec elapsed
## [1] "'Middle' loop with FIPS = 22105"

## Rows: 776 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.171 sec elapsed
## [1] "'Middle' loop with FIPS = 22109"

## Rows: 743 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.089 sec elapsed
## [1] "'Middle' loop with FIPS = 22113"

## Rows: 588 Columns: 20

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.096 sec elapsed
## [1] "'Middle' loop with FIPS = 23005"

## Rows: 1096 Columns: 20

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.474 sec elapsed
## [1] "'Middle' loop with FIPS = 23009"

## Rows: 663 Columns: 20

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.986 sec elapsed
## [1] "'Middle' loop with FIPS = 23013"

## Rows: 623 Columns: 20

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 1.002 sec elapsed
## [1] "'Middle' loop with FIPS = 23015"

## Rows: 534 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.874 sec elapsed
## [1] "'Middle' loop with FIPS = 23023"

## Rows: 486 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.755 sec elapsed
## [1] "'Middle' loop with FIPS = 23027"

## Rows: 519 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.777 sec elapsed
## [1] "'Middle' loop with FIPS = 23029"

## Rows: 549 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.819 sec elapsed
## [1] "'Middle' loop with FIPS = 23031"

## Rows: 876 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.219 sec elapsed
## [1] "'Middle' loop with FIPS = 24003"

## Rows: 936 Columns: 20

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.384 sec elapsed
## [1] "'Middle' loop with FIPS = 24005"

## Rows: 1062 Columns: 20

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.474 sec elapsed
## [1] "'Middle' loop with FIPS = 24009"

## Rows: 471 Columns: 20

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.807 sec elapsed
## [1] "'Middle' loop with FIPS = 24011"

## Rows: 445 Columns: 20

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 0.754 sec elapsed
## [1] "'Middle' loop with FIPS = 24015"

## Rows: 588 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.976 sec elapsed
## [1] "'Middle' loop with FIPS = 24017"

## Rows: 585 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.879 sec elapsed
## [1] "'Middle' loop with FIPS = 24019"

## Rows: 494 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.852 sec elapsed
## [1] "'Middle' loop with FIPS = 24025"

## Rows: 764 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.118 sec elapsed
## [1] "'Middle' loop with FIPS = 24027"

## Rows: 817 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.49 sec elapsed
## [1] "'Middle' loop with FIPS = 24029"

## Rows: 462 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.797 sec elapsed
## [1] "'Middle' loop with FIPS = 24033"

## Rows: 957 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.461 sec elapsed
## [1] "'Middle' loop with FIPS = 24035"

## Rows: 510 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.834 sec elapsed
## [1] "'Middle' loop with FIPS = 24037"

## Rows: 558 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 0.848 sec elapsed
## [1] "'Middle' loop with FIPS = 24039"

## Rows: 379 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.619 sec elapsed
## [1] "'Middle' loop with FIPS = 24041"

## Rows: 601 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.9 sec elapsed
## [1] "'Middle' loop with FIPS = 24045"

## Rows: 744 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.062 sec elapsed
## [1] "'Middle' loop with FIPS = 24047"

## Rows: 566 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.829 sec elapsed
## [1] "'Middle' loop with FIPS = 24510"

## Rows: 1225 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.445 sec elapsed
## [1] "'Middle' loop with FIPS = 25001"

## Rows: 890 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.28 sec elapsed
## [1] "'Middle' loop with FIPS = 25005"

## Rows: 1159 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.549 sec elapsed
## [1] "'Middle' loop with FIPS = 25007"

## Rows: 425 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.711 sec elapsed
## [1] "'Middle' loop with FIPS = 25009"

## Rows: 1191 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 1.529 sec elapsed
## [1] "'Middle' loop with FIPS = 25017"

## Rows: 1360 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.697 sec elapsed
## [1] "'Middle' loop with FIPS = 25019"

## Rows: 362 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.675 sec elapsed
## [1] "'Middle' loop with FIPS = 25021"

## Rows: 1161 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.632 sec elapsed
## [1] "'Middle' loop with FIPS = 25023"

## Rows: 1094 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.659 sec elapsed
## [1] "'Middle' loop with FIPS = 25025"

## Rows: 1278 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.537 sec elapsed
## [1] "'Middle' loop with FIPS = 26001"

## Rows: 242 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.53 sec elapsed
## [1] "'Middle' loop with FIPS = 26003"

## Rows: 282 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.63 sec elapsed
## [1] "'Middle' loop with FIPS = 26005"

## Rows: 663 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.061 sec elapsed
## [1] "'Middle' loop with FIPS = 26007"

## Rows: 519 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 1.078 sec elapsed
## [1] "'Middle' loop with FIPS = 26009"

## Rows: 374 Columns: 20

## -- Column specification -------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.669 sec elapsed
## [1] "'Middle' loop with FIPS = 26011"

## Rows: 346 Columns: 20

## -- Column specification -------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.572 sec elapsed
## [1] "'Middle' loop with FIPS = 26013"

## Rows: 280 Columns: 20

## -- Column specification -------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.511 sec elapsed
## [1] "'Middle' loop with FIPS = 26017"

## Rows: 733 Columns: 20

## -- Column specification -------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.113 sec elapsed
## [1] "'Middle' loop with FIPS = 26019"

## Rows: 332 Columns: 20

## -- Column specification -------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.661 sec elapsed
## [1] "'Middle' loop with FIPS = 26021"

## Rows: 875 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.367 sec elapsed
## [1] "'Middle' loop with FIPS = 26029"

## Rows: 452 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.702 sec elapsed
## [1] "'Middle' loop with FIPS = 26031"

## Rows: 461 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.676 sec elapsed
## [1] "'Middle' loop with FIPS = 26033"

## Rows: 535 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 0.777 sec elapsed
## [1] "'Middle' loop with FIPS = 26041"

## Rows: 576 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.832 sec elapsed
## [1] "'Middle' loop with FIPS = 26047"

## Rows: 556 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.795 sec elapsed
## [1] "'Middle' loop with FIPS = 26053"

## Rows: 380 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.706 sec elapsed
## [1] "'Middle' loop with FIPS = 26055"

## Rows: 790 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.218 sec elapsed
## [1] "'Middle' loop with FIPS = 26061"

## Rows: 534 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.849 sec elapsed
## [1] "'Middle' loop with FIPS = 26063"

## Rows: 527 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.862 sec elapsed
## [1] "'Middle' loop with FIPS = 26069"

## Rows: 466 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.739 sec elapsed
## [1] "'Middle' loop with FIPS = 26083"

## Rows: 101 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.259 sec elapsed
## [1] "'Middle' loop with FIPS = 26089"

## Rows: 379 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 0.652 sec elapsed
## [1] "'Middle' loop with FIPS = 26095"

## Rows: 247 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.468 sec elapsed
## [1] "'Middle' loop with FIPS = 26097"

## Rows: 338 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.601 sec elapsed
## [1] "'Middle' loop with FIPS = 26099"

## Rows: 1058 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.637 sec elapsed
## [1] "'Middle' loop with FIPS = 26101"

## Rows: 478 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.841 sec elapsed
## [1] "'Middle' loop with FIPS = 26103"

## Rows: 644 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.024 sec elapsed
## [1] "'Middle' loop with FIPS = 26105"

## Rows: 513 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.823 sec elapsed
## [1] "'Middle' loop with FIPS = 26109"

## Rows: 448 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.797 sec elapsed
## [1] "'Middle' loop with FIPS = 26115"

## Rows: 695 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.079 sec elapsed
## [1] "'Middle' loop with FIPS = 26121"

## Rows: 807 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 1.322 sec elapsed
## [1] "'Middle' loop with FIPS = 26127"

## Rows: 417 Columns: 20

## -- Column specification -------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.754 sec elapsed
## [1] "'Middle' loop with FIPS = 26131"

## Rows: 253 Columns: 20

## -- Column specification -------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.469 sec elapsed
## [1] "'Middle' loop with FIPS = 26139"

## Rows: 899 Columns: 20

## -- Column specification -------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.414 sec elapsed
## [1] "'Middle' loop with FIPS = 26141"

## Rows: 357 Columns: 20

## -- Column specification -------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.686 sec elapsed
## [1] "'Middle' loop with FIPS = 26147"

## Rows: 746 Columns: 20

## -- Column specification -------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.219 sec elapsed
## [1] "'Middle' loop with FIPS = 26151"

## Rows: 495 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.063 sec elapsed
## [1] "'Middle' loop with FIPS = 26153"

## Rows: 282 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.607 sec elapsed
## [1] "'Middle' loop with FIPS = 26157"

## Rows: 514 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.951 sec elapsed
## [1] "'Middle' loop with FIPS = 26159"

## Rows: 619 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 0.964 sec elapsed
## [1] "'Middle' loop with FIPS = 26163"

## Rows: 1262 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.479 sec elapsed
## [1] "'Middle' loop with FIPS = 27031"

## Rows: 276 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.541 sec elapsed
## [1] "'Middle' loop with FIPS = 27075"

## Rows: 295 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.498 sec elapsed
## [1] "'Middle' loop with FIPS = 27137"

## Rows: 1017 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.498 sec elapsed
## [1] "'Middle' loop with FIPS = 28045"

## Rows: 506 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.854 sec elapsed
## [1] "'Middle' loop with FIPS = 28047"

## Rows: 902 Columns: 20

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.319 sec elapsed
## [1] "'Middle' loop with FIPS = 28059"

## Rows: 726 Columns: 20

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.075 sec elapsed
## [1] "'Middle' loop with FIPS = 33015"

## Rows: 1034 Columns: 20

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.64 sec elapsed
## [1] "'Middle' loop with FIPS = 33017"

## Rows: 773 Columns: 20

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 1.312 sec elapsed
## [1] "'Middle' loop with FIPS = 34001"

## Rows: 899 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.344 sec elapsed
## [1] "'Middle' loop with FIPS = 34003"

## Rows: 1200 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.505 sec elapsed
## [1] "'Middle' loop with FIPS = 34005"

## Rows: 1073 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.525 sec elapsed
## [1] "'Middle' loop with FIPS = 34007"

## Rows: 1077 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.495 sec elapsed
## [1] "'Middle' loop with FIPS = 34009"

## Rows: 669 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.11 sec elapsed
## [1] "'Middle' loop with FIPS = 34011"

## Rows: 808 Columns: 20

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.477 sec elapsed
## [1] "'Middle' loop with FIPS = 34013"

## Rows: 1200 Columns: 20

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.916 sec elapsed
## [1] "'Middle' loop with FIPS = 34015"

## Rows: 888 Columns: 20

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.784 sec elapsed
## [1] "'Middle' loop with FIPS = 34017"

## Rows: 1101 Columns: 20

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 2.042 sec elapsed
## [1] "'Middle' loop with FIPS = 34023"

## Rows: 1155 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 2.174 sec elapsed
## [1] "'Middle' loop with FIPS = 34025"

## Rows: 1096 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.819 sec elapsed
## [1] "'Middle' loop with FIPS = 34029"

## Rows: 887 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.843 sec elapsed
## [1] "'Middle' loop with FIPS = 34033"

## Rows: 565 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.08 sec elapsed
## [1] "'Middle' loop with FIPS = 34035"

## Rows: 961 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.533 sec elapsed
## [1] "'Middle' loop with FIPS = 34039"

## Rows: 1095 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.592 sec elapsed
## [1] "'Middle' loop with FIPS = 36005"

## Rows: 967 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.649 sec elapsed
## [1] "'Middle' loop with FIPS = 36011"

## Rows: 730 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.164 sec elapsed
## [1] "'Middle' loop with FIPS = 36013"

## Rows: 828 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 1.292 sec elapsed
## [1] "'Middle' loop with FIPS = 36027"

## Rows: 924 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.358 sec elapsed
## [1] "'Middle' loop with FIPS = 36029"

## Rows: 1276 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 2.164 sec elapsed
## [1] "'Middle' loop with FIPS = 36045"

## Rows: 755 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.284 sec elapsed
## [1] "'Middle' loop with FIPS = 36047"

## Rows: 1163 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.611 sec elapsed
## [1] "'Middle' loop with FIPS = 36055"

## Rows: 1118 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.546 sec elapsed
## [1] "'Middle' loop with FIPS = 36059"

## Rows: 1248 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.501 sec elapsed
## [1] "'Middle' loop with FIPS = 36061"

## Rows: 1358 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.501 sec elapsed
## [1] "'Middle' loop with FIPS = 36063"

## Rows: 934 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.479 sec elapsed
## [1] "'Middle' loop with FIPS = 36071"

## Rows: 1017 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 1.545 sec elapsed
## [1] "'Middle' loop with FIPS = 36073"

## Rows: 491 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.811 sec elapsed
## [1] "'Middle' loop with FIPS = 36075"

## Rows: 685 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.075 sec elapsed
## [1] "'Middle' loop with FIPS = 36079"

## Rows: 637 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.105 sec elapsed
## [1] "'Middle' loop with FIPS = 36081"

## Rows: 1140 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.496 sec elapsed
## [1] "'Middle' loop with FIPS = 36085"

## Rows: 785 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.328 sec elapsed
## [1] "'Middle' loop with FIPS = 36087"

## Rows: 932 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.39 sec elapsed
## [1] "'Middle' loop with FIPS = 36103"

## Rows: 1252 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.751 sec elapsed
## [1] "'Middle' loop with FIPS = 36111"

## Rows: 853 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.254 sec elapsed
## [1] "'Middle' loop with FIPS = 36117"

## Rows: 687 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 1.008 sec elapsed
## [1] "'Middle' loop with FIPS = 36119"

## Rows: 1187 Columns: 20

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.434 sec elapsed
## [1] "'Middle' loop with FIPS = 37013"

## Rows: 583 Columns: 20

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.897 sec elapsed
## [1] "'Middle' loop with FIPS = 37015"

## Rows: 347 Columns: 20

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.58 sec elapsed
## [1] "'Middle' loop with FIPS = 37019"

## Rows: 561 Columns: 20

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.851 sec elapsed
## [1] "'Middle' loop with FIPS = 37029"

## Rows: 220 Columns: 20

## -- Column specification --------------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.399 sec elapsed
## [1] "'Middle' loop with FIPS = 37031"

## Rows: 629 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.98 sec elapsed
## [1] "'Middle' loop with FIPS = 37041"

## Rows: 387 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.633 sec elapsed
## [1] "'Middle' loop with FIPS = 37049"

## Rows: 730 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.264 sec elapsed
## [1] "'Middle' loop with FIPS = 37053"

## Rows: 278 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 0.62 sec elapsed
## [1] "'Middle' loop with FIPS = 37055"

## Rows: 513 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.877 sec elapsed
## [1] "'Middle' loop with FIPS = 37073"

## Rows: 202 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.654 sec elapsed
## [1] "'Middle' loop with FIPS = 37091"

## Rows: 452 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.906 sec elapsed
## [1] "'Middle' loop with FIPS = 37095"

## Rows: 252 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.475 sec elapsed
## [1] "'Middle' loop with FIPS = 37103"

## Rows: 252 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.542 sec elapsed
## [1] "'Middle' loop with FIPS = 37129"

## Rows: 875 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.387 sec elapsed
## [1] "'Middle' loop with FIPS = 37133"

## Rows: 643 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.043 sec elapsed
## [1] "'Middle' loop with FIPS = 37137"

## Rows: 275 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.476 sec elapsed
## [1] "'Middle' loop with FIPS = 37139"

## Rows: 537 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 1.122 sec elapsed
## [1] "'Middle' loop with FIPS = 37141"

## Rows: 418 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.693 sec elapsed
## [1] "'Middle' loop with FIPS = 37143"

## Rows: 267 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.579 sec elapsed
## [1] "'Middle' loop with FIPS = 37147"

## Rows: 768 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.233 sec elapsed
## [1] "'Middle' loop with FIPS = 37177"

## Rows: 183 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.434 sec elapsed
## [1] "'Middle' loop with FIPS = 37187"

## Rows: 340 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.654 sec elapsed
## [1] "'Middle' loop with FIPS = 39007"

## Rows: 788 Columns: 20

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.221 sec elapsed
## [1] "'Middle' loop with FIPS = 39035"

## Rows: 1429 Columns: 20

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.48 sec elapsed
## [1] "'Middle' loop with FIPS = 39043"

## Rows: 835 Columns: 20

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.306 sec elapsed
## [1] "'Middle' loop with FIPS = 39085"

## Rows: 1001 Columns: 20

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 1.473 sec elapsed
## [1] "'Middle' loop with FIPS = 39093"

## Rows: 1016 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.509 sec elapsed
## [1] "'Middle' loop with FIPS = 39095"

## Rows: 1181 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.459 sec elapsed
## [1] "'Middle' loop with FIPS = 39123"

## Rows: 647 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.012 sec elapsed
## [1] "'Middle' loop with FIPS = 39143"

## Rows: 732 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.107 sec elapsed
## [1] "'Middle' loop with FIPS = 41007"

## Rows: 650 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.031 sec elapsed
## [1] "'Middle' loop with FIPS = 41011"

## Rows: 735 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.146 sec elapsed
## [1] "'Middle' loop with FIPS = 41015"

## Rows: 483 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.794 sec elapsed
## [1] "'Middle' loop with FIPS = 41019"

## Rows: 770 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.144 sec elapsed
## [1] "'Middle' loop with FIPS = 41039"

## Rows: 1112 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 1.483 sec elapsed
## [1] "'Middle' loop with FIPS = 41041"

## Rows: 629 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.983 sec elapsed
## [1] "'Middle' loop with FIPS = 41057"

## Rows: 541 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.934 sec elapsed
## [1] "'Middle' loop with FIPS = 42045"

## Rows: 1122 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 2.053 sec elapsed
## [1] "'Middle' loop with FIPS = 42049"

## Rows: 1049 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.73 sec elapsed
## [1] "'Middle' loop with FIPS = 42101"

## Rows: 1332 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.524 sec elapsed
## [1] "'Middle' loop with FIPS = 44001"

## Rows: 593 Columns: 20

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 2.045 sec elapsed
## [1] "'Middle' loop with FIPS = 44003"

## Rows: 888 Columns: 20

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 4.12 sec elapsed
## [1] "'Middle' loop with FIPS = 44005"

## Rows: 728 Columns: 20

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.582 sec elapsed
## [1] "'Middle' loop with FIPS = 44007"

## Rows: 1217 Columns: 20

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 1.986 sec elapsed
## [1] "'Middle' loop with FIPS = 44009"

## Rows: 793 Columns: 20

## -- Column specification --------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.883 sec elapsed
## [1] "'Middle' loop with FIPS = 45013"

## Rows: 784 Columns: 20

## -- Column specification --------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.394 sec elapsed
## [1] "'Middle' loop with FIPS = 45015"

## Rows: 580 Columns: 20

## -- Column specification --------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.926 sec elapsed
## [1] "'Middle' loop with FIPS = 45019"

## Rows: 1029 Columns: 20

## -- Column specification --------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.49 sec elapsed
## [1] "'Middle' loop with FIPS = 45029"

## Rows: 500 Columns: 20

## -- Column specification --------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.898 sec elapsed
## [1] "'Middle' loop with FIPS = 45035"

## Rows: 633 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.138 sec elapsed
## [1] "'Middle' loop with FIPS = 45043"

## Rows: 586 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.008 sec elapsed
## [1] "'Middle' loop with FIPS = 45049"

## Rows: 394 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.733 sec elapsed
## [1] "'Middle' loop with FIPS = 45051"

## Rows: 849 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 1.298 sec elapsed
## [1] "'Middle' loop with FIPS = 45053"

## Rows: 349 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.622 sec elapsed
## [1] "'Middle' loop with FIPS = 48007"

## Rows: 431 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.705 sec elapsed
## [1] "'Middle' loop with FIPS = 48039"

## Rows: 862 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.374 sec elapsed
## [1] "'Middle' loop with FIPS = 48057"

## Rows: 583 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.029 sec elapsed
## [1] "'Middle' loop with FIPS = 48061"

## Rows: 998 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.546 sec elapsed
## [1] "'Middle' loop with FIPS = 48071"

## Rows: 480 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.922 sec elapsed
## [1] "'Middle' loop with FIPS = 48167"

## Rows: 894 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.449 sec elapsed
## [1] "'Middle' loop with FIPS = 48201"

## Rows: 1449 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.48 sec elapsed
## [1] "'Middle' loop with FIPS = 48239"

## Rows: 389 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 0.654 sec elapsed
## [1] "'Middle' loop with FIPS = 48245"

## Rows: 980 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.456 sec elapsed
## [1] "'Middle' loop with FIPS = 48261"

## Rows: 50 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.238 sec elapsed
## [1] "'Middle' loop with FIPS = 48273"

## Rows: 539 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.864 sec elapsed
## [1] "'Middle' loop with FIPS = 48321"

## Rows: 602 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.937 sec elapsed
## [1] "'Middle' loop with FIPS = 48355"

## Rows: 1031 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.51 sec elapsed
## [1] "'Middle' loop with FIPS = 48361"

## Rows: 660 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.14 sec elapsed
## [1] "'Middle' loop with FIPS = 48391"

## Rows: 330 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.612 sec elapsed
## [1] "'Middle' loop with FIPS = 48409"

## Rows: 577 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.936 sec elapsed
## [1] "'Middle' loop with FIPS = 48469"

## Rows: 744 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 1.187 sec elapsed
## [1] "'Middle' loop with FIPS = 48489"

## Rows: 344 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.645 sec elapsed
## [1] "'Middle' loop with FIPS = 51001"

## Rows: 551 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.884 sec elapsed
## [1] "'Middle' loop with FIPS = 51013"

## Rows: 812 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.228 sec elapsed
## [1] "'Middle' loop with FIPS = 51033"

## Rows: 348 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.615 sec elapsed
## [1] "'Middle' loop with FIPS = 51036"

## Rows: 160 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.369 sec elapsed
## [1] "'Middle' loop with FIPS = 51041"

## Rows: 865 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.277 sec elapsed
## [1] "'Middle' loop with FIPS = 51057"

## Rows: 349 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.641 sec elapsed
## [1] "'Middle' loop with FIPS = 51059"

## Rows: 1057 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.77 sec elapsed
## [1] "'Middle' loop with FIPS = 51073"

## Rows: 501 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 1.035 sec elapsed
## [1] "'Middle' loop with FIPS = 51085"

## Rows: 713 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.093 sec elapsed
## [1] "'Middle' loop with FIPS = 51087"

## Rows: 888 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.38 sec elapsed
## [1] "'Middle' loop with FIPS = 51093"

## Rows: 410 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.746 sec elapsed
## [1] "'Middle' loop with FIPS = 51095"

## Rows: 515 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.917 sec elapsed
## [1] "'Middle' loop with FIPS = 51097"

## Rows: 171 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.499 sec elapsed
## [1] "'Middle' loop with FIPS = 51099"

## Rows: 316 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.639 sec elapsed
## [1] "'Middle' loop with FIPS = 51101"

## Rows: 304 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.034 sec elapsed
## [1] "'Middle' loop with FIPS = 51103"

## Rows: 361 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.728 sec elapsed
## [1] "'Middle' loop with FIPS = 51115"

## Rows: 257 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 0.534 sec elapsed
## [1] "'Middle' loop with FIPS = 51119"

## Rows: 325 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.242 sec elapsed
## [1] "'Middle' loop with FIPS = 51127"

## Rows: 261 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.579 sec elapsed
## [1] "'Middle' loop with FIPS = 51131"

## Rows: 323 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.595 sec elapsed
## [1] "'Middle' loop with FIPS = 51133"

## Rows: 343 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.672 sec elapsed
## [1] "'Middle' loop with FIPS = 51149"

## Rows: 384 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.95 sec elapsed
## [1] "'Middle' loop with FIPS = 51153"

## Rows: 776 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.217 sec elapsed
## [1] "'Middle' loop with FIPS = 51159"

## Rows: 328 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.654 sec elapsed
## [1] "'Middle' loop with FIPS = 51177"

## Rows: 516 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.818 sec elapsed
## [1] "'Middle' loop with FIPS = 51179"

## Rows: 520 Columns: 20

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 0.843 sec elapsed
## [1] "'Middle' loop with FIPS = 51181"

## Rows: 190 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.373 sec elapsed
## [1] "'Middle' loop with FIPS = 51193"

## Rows: 349 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.6 sec elapsed
## [1] "'Middle' loop with FIPS = 51199"

## Rows: 562 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.907 sec elapsed
## [1] "'Middle' loop with FIPS = 51510"

## Rows: 811 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.365 sec elapsed
## [1] "'Middle' loop with FIPS = 51550"

## Rows: 840 Columns: 20

## -- Column specification ---------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.198 sec elapsed
## [1] "'Middle' loop with FIPS = 51650"

## Rows: 768 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.107 sec elapsed
## [1] "'Middle' loop with FIPS = 51670"

## Rows: 438 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.806 sec elapsed
## [1] "'Middle' loop with FIPS = 51700"

## Rows: 833 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.293 sec elapsed
## [1] "'Middle' loop with FIPS = 51710"

## Rows: 960 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 1.512 sec elapsed
## [1] "'Middle' loop with FIPS = 51735"

## Rows: 199 Columns: 20

## -- Column specification -------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.422 sec elapsed
## [1] "'Middle' loop with FIPS = 51740"

## Rows: 688 Columns: 20

## -- Column specification -------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.06 sec elapsed
## [1] "'Middle' loop with FIPS = 51800"

## Rows: 655 Columns: 20

## -- Column specification -------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.058 sec elapsed
## [1] "'Middle' loop with FIPS = 51810"

## Rows: 953 Columns: 20

## -- Column specification -------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.437 sec elapsed
## [1] "'Middle' loop with FIPS = 51830"

## Rows: 472 Columns: 20

## -- Column specification -------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.807 sec elapsed
## [1] "'Middle' loop with FIPS = 53009"

## Rows: 731 Columns: 20

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.15 sec elapsed
## [1] "'Middle' loop with FIPS = 53027"

## Rows: 707 Columns: 20

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.157 sec elapsed
## [1] "'Middle' loop with FIPS = 53029"

## Rows: 655 Columns: 20

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.022 sec elapsed
## [1] "'Middle' loop with FIPS = 53031"

## Rows: 557 Columns: 20

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 0.854 sec elapsed
## [1] "'Middle' loop with FIPS = 53033"

## Rows: 1510 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.497 sec elapsed
## [1] "'Middle' loop with FIPS = 53035"

## Rows: 896 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.417 sec elapsed
## [1] "'Middle' loop with FIPS = 53045"

## Rows: 549 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.926 sec elapsed
## [1] "'Middle' loop with FIPS = 53049"

## Rows: 431 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.705 sec elapsed
## [1] "'Middle' loop with FIPS = 53053"

## Rows: 1185 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.418 sec elapsed
## [1] "'Middle' loop with FIPS = 53055"

## Rows: 460 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.745 sec elapsed
## [1] "'Middle' loop with FIPS = 53057"

## Rows: 868 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.277 sec elapsed
## [1] "'Middle' loop with FIPS = 53061"

## Rows: 1166 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.477 sec elapsed
## [1] "'Middle' loop with FIPS = 53067"

## Rows: 956 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 1.367 sec elapsed
## [1] "'Middle' loop with FIPS = 53069"

## Rows: 206 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.442 sec elapsed
## [1] "'Middle' loop with FIPS = 53073"

## Rows: 988 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.379 sec elapsed
## [1] "'Middle' loop with FIPS = 55003"

## Rows: 461 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.781 sec elapsed
## [1] "'Middle' loop with FIPS = 55007"

## Rows: 345 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.583 sec elapsed
## [1] "'Middle' loop with FIPS = 55009"

## Rows: 898 Columns: 20

## -- Column specification ----------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.323 sec elapsed
## [1] "'Middle' loop with FIPS = 55029"

## Rows: 526 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.804 sec elapsed
## [1] "'Middle' loop with FIPS = 55031"

## Rows: 547 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.889 sec elapsed
## [1] "'Middle' loop with FIPS = 55051"

## Rows: 230 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.593 sec elapsed
## [1] "'Middle' loop with FIPS = 55059"

## Rows: 762 Columns: 20

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Fips loop: 1.22 sec elapsed
## [1] "'Middle' loop with FIPS = 55061"

## Rows: 408 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.772 sec elapsed
## [1] "'Middle' loop with FIPS = 55071"

## Rows: 703 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.034 sec elapsed
## [1] "'Middle' loop with FIPS = 55075"

## Rows: 540 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.866 sec elapsed
## [1] "'Middle' loop with FIPS = 55079"

## Rows: 1216 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.42 sec elapsed
## [1] "'Middle' loop with FIPS = 55083"

## Rows: 427 Columns: 20

## -- Column specification ------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 0.72 sec elapsed
## [1] "'Middle' loop with FIPS = 55089"

## Rows: 726 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.093 sec elapsed
## [1] "'Middle' loop with FIPS = 55101"

## Rows: 840 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.218 sec elapsed
## [1] "'Middle' loop with FIPS = 55117"

## Rows: 765 Columns: 20

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, disclosure_code, area_title, own_title, indust...
## dbl (12): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Fips loop: 1.199 sec elapsed
## [1] "'Middle' loop with FIPS = 60010"
## [1] "No data for FIPS = 60010"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 60020"
## [1] "No data for FIPS = 60020"
## Fips loop: 0.007 sec elapsed
## [1] "'Middle' loop with FIPS = 60050"
## [1] "No data for FIPS = 60050"
## Fips loop: 0.007 sec elapsed
## [1] "'Middle' loop with FIPS = 66010"
## [1] "No data for FIPS = 66010"
```

```
## Fips loop: 0.009 sec elapsed
## [1] "'Middle' loop with FIPS = 69085"
## [1] "No data for FIPS = 69085"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 69100"
## [1] "No data for FIPS = 69100"
## Fips loop: 0.006 sec elapsed
## [1] "'Middle' loop with FIPS = 69110"
## [1] "No data for FIPS = 69110"
## Fips loop: 0.01 sec elapsed
## [1] "'Middle' loop with FIPS = 69120"
## [1] "No data for FIPS = 69120"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 72003"
## [1] "No data for FIPS = 72003"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 72005"
## [1] "No data for FIPS = 72005"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 72011"
## [1] "No data for FIPS = 72011"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 72013"
## [1] "No data for FIPS = 72013"
## Fips loop: 0.009 sec elapsed
## [1] "'Middle' loop with FIPS = 72015"
## [1] "No data for FIPS = 72015"
## Fips loop: 0.012 sec elapsed
## [1] "'Middle' loop with FIPS = 72017"
## [1] "No data for FIPS = 72017"
## Fips loop: 0.009 sec elapsed
## [1] "'Middle' loop with FIPS = 72021"
## [1] "No data for FIPS = 72021"
## Fips loop: 0.009 sec elapsed
## [1] "'Middle' loop with FIPS = 72023"
## [1] "No data for FIPS = 72023"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 72027"
## [1] "No data for FIPS = 72027"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 72031"
## [1] "No data for FIPS = 72031"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 72033"
## [1] "No data for FIPS = 72033"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 72037"
## [1] "No data for FIPS = 72037"
## Fips loop: 0.009 sec elapsed
## [1] "'Middle' loop with FIPS = 72049"
## [1] "No data for FIPS = 72049"
## Fips loop: 0.01 sec elapsed
## [1] "'Middle' loop with FIPS = 72051"
## [1] "No data for FIPS = 72051"
```

```
## Fips loop: 0.011 sec elapsed
## [1] "'Middle' loop with FIPS = 72053"
## [1] "No data for FIPS = 72053"
## Fips loop: 0.009 sec elapsed
## [1] "'Middle' loop with FIPS = 72055"
## [1] "No data for FIPS = 72055"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 72057"
## [1] "No data for FIPS = 72057"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 72059"
## [1] "No data for FIPS = 72059"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 72061"
## [1] "No data for FIPS = 72061"
## Fips loop: 0.007 sec elapsed
## [1] "'Middle' loop with FIPS = 72065"
## [1] "No data for FIPS = 72065"
## Fips loop: 0.007 sec elapsed
## [1] "'Middle' loop with FIPS = 72069"
## [1] "No data for FIPS = 72069"
## Fips loop: 0.009 sec elapsed
## [1] "'Middle' loop with FIPS = 72071"
## [1] "No data for FIPS = 72071"
## Fips loop: 0.012 sec elapsed
## [1] "'Middle' loop with FIPS = 72075"
## [1] "No data for FIPS = 72075"
## Fips loop: 0.013 sec elapsed
## [1] "'Middle' loop with FIPS = 72079"
## [1] "No data for FIPS = 72079"
## Fips loop: 0.009 sec elapsed
## [1] "'Middle' loop with FIPS = 72087"
## [1] "No data for FIPS = 72087"
## Fips loop: 0.007 sec elapsed
## [1] "'Middle' loop with FIPS = 72089"
## [1] "No data for FIPS = 72089"
## Fips loop: 0.007 sec elapsed
## [1] "'Middle' loop with FIPS = 72091"
## [1] "No data for FIPS = 72091"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 72095"
## [1] "No data for FIPS = 72095"
## Fips loop: 0.009 sec elapsed
## [1] "'Middle' loop with FIPS = 72097"
## [1] "No data for FIPS = 72097"
## Fips loop: 0.007 sec elapsed
## [1] "'Middle' loop with FIPS = 72103"
## [1] "No data for FIPS = 72103"
## Fips loop: 0.009 sec elapsed
## [1] "'Middle' loop with FIPS = 72109"
## [1] "No data for FIPS = 72109"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 72111"
## [1] "No data for FIPS = 72111"
```

```
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 72113"
## [1] "No data for FIPS = 72113"
## Fips loop: 0.007 sec elapsed
## [1] "'Middle' loop with FIPS = 72115"
## [1] "No data for FIPS = 72115"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 72117"
## [1] "No data for FIPS = 72117"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 72119"
## [1] "No data for FIPS = 72119"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 72123"
## [1] "No data for FIPS = 72123"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 72127"
## [1] "No data for FIPS = 72127"
## Fips loop: 0.01 sec elapsed
## [1] "'Middle' loop with FIPS = 72133"
## [1] "No data for FIPS = 72133"
## Fips loop: 0.016 sec elapsed
## [1] "'Middle' loop with FIPS = 72137"
## [1] "No data for FIPS = 72137"
## Fips loop: 0.01 sec elapsed
## [1] "'Middle' loop with FIPS = 72143"
## [1] "No data for FIPS = 72143"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 72145"
## [1] "No data for FIPS = 72145"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 72147"
## [1] "No data for FIPS = 72147"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 72151"
## [1] "No data for FIPS = 72151"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 72153"
## [1] "No data for FIPS = 72153"
## Fips loop: 0.009 sec elapsed
## [1] "'Middle' loop with FIPS = 78010"
## [1] "No data for FIPS = 78010"
## Fips loop: 0.011 sec elapsed
## [1] "'Middle' loop with FIPS = 78020"
## [1] "No data for FIPS = 78020"
## Fips loop: 0.012 sec elapsed
## [1] "'Middle' loop with FIPS = 78030"
## [1] "No data for FIPS = 78030"
## Fips loop: 0.01 sec elapsed
## Year loop: 472.215 sec elapsed
```

Download loope for NAIC data set years 1990-2020 (Present)

```
# Download and data process (loop through all variables)
# Declare test variables outside of loop
```

```r
# Data available for annual by area begins in 1990- Present

years=1990:2020

vars_naic <- c("annual_avg_estabs_count","annual_avg_emplvl","total_annual_wages","avg_annual_pay")

# Define extra variables needed
extra_naic_vars <- c("area_fips", "year","agglvl_code", "own_title",
                     "industry_title")

outfile_base <- here("data","naics_extracted")

# Calculate the maximum iterations

max_iterations <-length (years)* length (fips)* length (vars_naic)

# Initialize a variable to count total iterations

total_iterations <- 0

# Start the loop

test_years <- c(1995) # years 1990:2020
test_fips <- fips #[1:452]

for (this_year in test_years) {
  tic("Year loop")
  print(paste("'Outer' loop with year =", this_year))
  outfile <- paste0(outfile_base, "_", this_year,".csv")
  # write out a header row
  write_lines(paste(c(extra_naic_vars, vars_naic), collapse = ","), outfile,   append = FALSE)
  naic_filename <- paste0(naic_prefix, this_year, naic_body)
  naic_URL <-
    paste0(base_URL,
           this_year,
           naic_subdirs,
           naic_filename,
           naic_extension)
  naic_local <- here("data", paste0(naic_filename, naic_extension))
  print(naic_URL)
  if (! file.exists(naic_local)) {
    tic("Download")
    download.file(naic_URL, naic_local)
    toc() # Download
  }
  file_list <- unzip(naic_local, list = TRUE)

  for (this_fips in test_fips){
    tic("Fips loop")
    print(paste("'Middle' loop with FIPS =",this_fips))
    download_list <- file_list %>%
      filter(grepl(this_fips, Name))
```

```r
    if(length(download_list$Name) == 0) {
      print(paste0("No data for FIPS = ", this_fips))
      toc() #FIPS w/out data
    } else {

      nfile <- unzip(
        naic_local,
        files = (download_list$Name),
        junkpaths = TRUE,
        overwrite = TRUE,
        exdir = here("data", "tmp")
      )
      fips_df_naic <- read_csv(nfile)
      glimpse(fips_df_naic)

      # This next bit subsets out the data needed and keeps both the overall
      # county sum and the sums by each major industry level (Federal, State,      and Private.  The l
      # that doesn't seem to be the case all the time.
      # Note that using subset() keeps you from having to do a third nested loop.

      fips_vars <- subset(fips_df_naic, select = c(extra_naic_vars,  vars_naic)) %>%
        filter(agglvl_code == 70 | agglvl_code == 71)   # %>%
      # These are the codes used on summary records produced by the Quarterly Census of Employment and
      # group_by(agglvl_code) %>%
      # mutate(across(c(annual_avg_estabs_count:avg_annual_pay), sum))
      #
      #
      # The last 2 lines above would have summed the 3 sectors into a total
      # to compare with the countywide total.  I suggest doing that
      # in another program once this one has extracted everything.

      # Append the info for this FIPS onto the output file.
      write_csv(fips_vars, outfile, append = TRUE)

      # Remove the unzipped file for this FIPS
      unlink(nfile, force = TRUE)
      toc() # FIPS loops

    }
  }

  # Done with year, remove zip file for this year
  unlink(naic_local, force = TRUE)
  toc() # Year loop
}
```

```
## [1] "'Outer' loop with year = 1995"
## [1] "https://data.bls.gov/cew/data/files/1995/csv/1995_annual_by_area.zip"
## Download: 20.184 sec elapsed
## [1] "'Middle' loop with FIPS = 01003"

## Rows: 460 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
```

```
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 460
## Columns: 43
## $ area_fips                         <chr> "01003", "01003", "01003", "01003"~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Baldwin County, Alabama", "Baldwi~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 3247, 30, 30, 19, 1, 10, 19, 19, 1~
## $ annual_avg_emplvl                 <dbl> 38419, 223, 223, 177, 4, 42, 177, ~
## $ total_annual_wages                <dbl> 699697373, 7349333, 7349333, 54545~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 350, 633, 633, 593, 583, 804, 593,~
## $ avg_annual_pay                    <dbl> 18212, 32895, 32895, 30817, 30317,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 1.30, 1.30, 2.23, 1.25, 0.81~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.23, 0.23, 0.56, 0.44, 0.08~
## $ lq_total_annual_wages             <dbl> 1.00, 0.30, 0.31, 0.75, 0.43, 0.14~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.33, 1.33, 1.35, 0.97, 1.60~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.33, 1.33, 1.34, 0.97, 1.60~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 193, -1, -1, 0, 0, -1, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 6.3, -3.2, -3.2, 0.0, 0.0, -9.1, 0~
## $ oty_annual_avg_emplvl_chg         <dbl> 2850, 3, 3, 11, -2, -6, 11, 11, 11~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 8.0, 1.4, 1.4, 6.6, -33.3, -12.5, ~
## $ oty_total_annual_wages_chg        <dbl> 70837798, 27686, 27686, 321411, -5~
## $ oty_total_annual_wages_pct_chg    <dbl> 11.3, 0.4, 0.4, 6.3, -31.8, -11.8,~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 10, -6, -6, -1, 36, -2, -1, -1, -1~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 2.9, -0.9, -0.9, -0.2, 6.6, -0.2, ~
## $ oty_avg_annual_pay_chg            <dbl> 532, -335, -335, -90, 1881, -80, -~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.0, -1.0, -1.0, -0.3, 6.6, -0.2, ~
## Fips loop: 1.352 sec elapsed
## [1] "'Middle' loop with FIPS = 01097"
```

```
## Rows: 795 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 795
## Columns: 43
## $ area_fips                      <chr> "01097", "01097", "01097", "01097"~
## $ own_code                       <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                  <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                    <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Mobile County, Alabama", "Mobile ~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 9319, 51, 51, 17, 1, 2, 31, 17, 17~
## $ annual_avg_emplvl              <dbl> 162463, 2751, 2751, 944, 11, 22, 1~
## $ total_annual_wages             <dbl> 3986955284, 113869515, 113869515, ~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 472, 796, 796, 686, 628, 863, 855,~
## $ avg_annual_pay                 <dbl> 24541, 41395, 41395, 35655, 32666,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 0.77, 0.77, 0.70, 0.44, 1.28~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 0.66, 0.68, 0.70, 0.29, 0.25~
## $ lq_total_annual_wages          <dbl> 1.00, 0.82, 0.84, 0.81, 0.22, 0.34~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 1.24, 1.24, 1.15, 0.77, 1.40~
## $ lq_avg_annual_pay              <dbl> 1.00, 1.24, 1.24, 1.15, 0.77, 1.40~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 132, -1, -1, 1, 0, 0, -1, 1, 1, 1,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.4, -1.9, -1.9, 6.2, 0.0, 0.0, -3~
## $ oty_annual_avg_emplvl_chg      <dbl> 2782, -66, -66, 16, -1, 4, -85, 16~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> 1.7, -2.3, -2.3, 1.7, -8.3, 22.2, ~
## $ oty_total_annual_wages_chg     <dbl> 169252425, 3486114, 3486114, 77748~
## $ oty_total_annual_wages_pct_chg <dbl> 4.4, 3.2, 3.2, 0.2, -5.4, 39.1, 4.~
## $ oty_taxable_annual_wages_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg   <dbl> 12, 42, 42, -9, -12, 112, 71, -9, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.6, 5.6, 5.6, -1.3, -1.9, 14.9, 9~
```

```
## $ oty_avg_annual_pay_chg                 <dbl> 633, 2203, 2203, -505, -628, 5835,~
## $ oty_avg_annual_pay_pct_chg             <dbl> 2.6, 5.6, 5.6, -1.4, -1.9, 14.9, 9~
## Fips loop: 2.272 sec elapsed
## [1] "'Middle' loop with FIPS = 02013"

## Rows: 36 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 36
## Columns: 43
## $ area_fips                           <chr> "02013", "02013", "02013", "02013"~
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                       <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                          <chr> "Aleutian East Borough, Alaska", "~
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 89, 7, 7, 5, 1, 1, 5, 1, 1, 1, 1, ~
## $ annual_avg_emplvl                   <dbl> 1665, 20, 20, 10, 4, 6, 10, 1, 1, ~
## $ total_annual_wages                  <dbl> 41390030, 808932, 808932, 302224, ~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 478, 784, 784, 572, 984, 1025, 572~
## $ avg_annual_pay                      <dbl> 24859, 40786, 40786, 29727, 51154,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 11.06, 11.11, 21.42, 66.78, ~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 0.47, 0.48, 0.73, 4.36, 0.28~
## $ lq_total_annual_wages               <dbl> 1.00, 0.56, 0.58, 0.70, 6.85, 0.39~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 1.20, 1.20, 0.95, 1.57, 1.49~
## $ lq_avg_annual_pay                   <dbl> 1.00, 1.21, 1.21, 0.95, 1.57, 1.49~
## $ oty_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 7, -1, -1, 0, 0, -1, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 8.5, -12.5, -12.5, 0.0, 0.0, -50.0~
## $ oty_annual_avg_emplvl_chg           <dbl> 145, -5, -5, -4, -1, 0, -4, -3, -3~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 9.5, -20.0, -20.0, -28.6, -20.0, 0~
## $ oty_total_annual_wages_chg          <dbl> 4356642, -113668, -113668, -154290~
## $ oty_total_annual_wages_pct_chg      <dbl> 11.8, -12.3, -12.3, -33.8, 1.9, 13~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 9, 62, 62, -66, 157, 198, -66, 412~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 1.9, 8.6, 8.6, -10.3, 19.0, 23.9, ~
## $ oty_avg_annual_pay_chg                <dbl> 490, 3257, 3257, -3474, 8132, 1028~
## $ oty_avg_annual_pay_pct_chg            <dbl> 2.0, 8.7, 8.7, -10.5, 18.9, 23.9, ~
## Fips loop: 0.226 sec elapsed
## [1] "'Middle' loop with FIPS = 02016"

## Rows: 61 Columns: 43

## -- Column specification ----------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 61
## Columns: 43
## $ area_fips                         <chr> "02016", "02016", "02016", "02016"~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Aleutian West Census Area, Alaska~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 180, 14, 14, 4, 2, 6, 4, 1, 1, 1, ~
## $ annual_avg_emplvl                 <dbl> 4337, 168, 168, 14, 8, 65, 14, 2, ~
## $ total_annual_wages                <dbl> 134658916, 4471981, 4471981, 44046~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 597, 511, 511, 601, 940, 990, 601,~
## $ avg_annual_pay                    <dbl> 31052, 26579, 26579, 31276, 48902,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 10.94, 10.98, 8.47, 66.04, 8~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 1.51, 1.55, 0.39, 3.35, 1.17~
## $ lq_total_annual_wages             <dbl> 1.00, 0.95, 0.98, 0.31, 3.82, 1.33~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 0.63, 0.63, 0.80, 1.20, 1.15~
## $ lq_avg_annual_pay                 <dbl> 1.00, 0.63, 0.63, 0.80, 1.20, 1.15~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> -12, -3, -3, 0, -1, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -6.2, -17.6, -17.6, 0.0, -33.3, 0.~
## $ oty_annual_avg_emplvl_chg         <dbl> -187, -274, -274, -1, -103, -92, -~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> -4.1, -62.0, -62.0, -6.7, -92.8, -~
```

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```
## $ oty_total_annual_wages_chg        <dbl> 1102845, -4211039, -4211039, 12697~
## $ oty_total_annual_wages_pct_chg    <dbl> 0.8, -48.5, -48.5, 3.0, -74.1, -43~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 29, 133, 133, 34, 692, 268, 34, 9,~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 5.1, 35.2, 35.2, 6.0, 279.0, 37.1,~
## $ oty_avg_annual_pay_chg            <dbl> 1531, 6912, 6912, 1775, 36007, 139~
## $ oty_avg_annual_pay_pct_chg        <dbl> 5.2, 35.1, 35.1, 6.0, 279.2, 37.1,~
## Fips loop: 0.328 sec elapsed
## [1] "'Middle' loop with FIPS = 02020"

## Rows: 768 Columns: 43

## -- Column specification -------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 768
## Columns: 43
## $ area_fips                  <chr> "02020", "02020", "02020", "02020"~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1022",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Anchorage Borough, Alaska", "Anch~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count    <dbl> 6845, 82, 82, 11, 1, 2, 4, 1, 6, 1~
## $ annual_avg_emplvl          <dbl> 118424, 10456, 10456, 2717, 350, 2~
## $ total_annual_wages         <dbl> 3986610094, 423798279, 423798279, ~
## $ taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage       <dbl> 647, 779, 779, 844, 861, 1335, 968~
## $ avg_annual_pay             <dbl> 33664, 40534, 40534, 43866, 44749,~
## $ lq_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 1.68, 1.69, 0.61, 14.47, 1.1~
## $ lq_annual_avg_emplvl       <dbl> 1.00, 3.45, 3.54, 2.77, 28.96, 0.0~
## $ lq_total_annual_wages      <dbl> 1.00, 3.05, 3.14, 2.87, 23.18, 0.1~
## $ lq_taxable_annual_wages    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage    <dbl> 1.00, 0.88, 0.88, 1.04, 0.80, 1.20~
## $ lq_avg_annual_pay          <dbl> 1.00, 0.88, 0.89, 1.04, 0.80, 1.20~
## $ oty_disclosure_code        <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg     <dbl> 111, -2, -2, 0, 0, -2, 0, 0, 0, -1~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.6, -2.4, -2.4, 0.0, 0.0, -50.0, ~
## $ oty_annual_avg_emplvl_chg           <dbl> 447, -656, -656, -184, -26, -3, -1~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 0.4, -5.9, -5.9, -6.3, -6.9, -60.0~
## $ oty_total_annual_wages_chg          <dbl> -36650864, -13778865, -13778865, -~
## $ oty_total_annual_wages_pct_chg      <dbl> -0.9, -3.1, -3.1, -4.7, 2.1, -45.1~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> -9, 22, 22, 15, 77, 222, 29, 16, -~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> -1.4, 2.9, 2.9, 1.8, 9.8, 19.9, 3.~
## $ oty_avg_annual_pay_chg              <dbl> -438, 1155, 1155, 758, 3982, 11522~
## $ oty_avg_annual_pay_pct_chg          <dbl> -1.3, 2.9, 2.9, 1.8, 9.8, 19.9, 3.~
## Fips loop: 2.195 sec elapsed
## [1] "'Middle' loop with FIPS = 02050"

## Rows: 92 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 92
## Columns: 43
## $ area_fips                <chr> "02050", "02050", "02050", "02050"~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Bethel Census Area, Alaska", "Bet~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 311, 15, 15, 5, 1, 1, 7, 5, 1, 1, ~
## $ annual_avg_emplvl        <dbl> 5397, 132, 132, 58, 3, 40, 28, 58,~
## $ total_annual_wages       <dbl> 135036846, 4839965, 4839965, 15345~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage     <dbl> 481, 704, 704, 510, 1035, 932, 730~
## $ avg_annual_pay           <dbl> 25021, 36597, 36597, 26534, 53819,~
## $ lq_disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 6.78, 6.81, 6.13, 19.11, 49.~
## $ lq_annual_avg_emplvl     <dbl> 1.00, 0.96, 0.98, 1.30, 1.01, 3.20~
## $ lq_total_annual_wages    <dbl> 1.00, 1.03, 1.06, 1.09, 1.52, 4.41~
## $ lq_taxable_annual_wages  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 1.08, 1.08, 0.84, 1.64, 1.37~
## $ lq_avg_annual_pay                   <dbl> 1.00, 1.07, 1.08, 0.84, 1.64, 1.37~
## $ oty_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_emplvl_chg           <dbl> 269, -25, -25, -14, 0, -9, -2, -14~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 5.2, -15.9, -15.9, -19.4, 0.0, -18~
## $ oty_total_annual_wages_chg          <dbl> 5805727, -1151146, -1151146, -7070~
## $ oty_total_annual_wages_pct_chg      <dbl> 4.5, -19.2, -19.2, -31.5, 3.4, -17~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> -4, -29, -29, -92, 3, -4, 48, -92,~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> -0.8, -4.0, -4.0, -15.3, 0.3, -0.4~
## $ oty_avg_annual_pay_chg              <dbl> -180, -1543, -1543, -4780, 134, -1~
## $ oty_avg_annual_pay_pct_chg          <dbl> -0.7, -4.0, -4.0, -15.3, 0.2, -0.3~
## Fips loop: 0.404 sec elapsed
## [1] "'Middle' loop with FIPS = 02060"

## Rows: 32 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 32
## Columns: 43
## $ area_fips             <chr> "02060", "02060", "02060", "02060"~
## $ own_code              <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code         <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code           <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                  <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                   <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title            <chr> "Bristol Bay Borough, Alaska", "Br~
## $ own_title             <chr> "Total Covered", "Federal Governme~
## $ industry_title        <chr> "Total, all industries", "Total, a~
## $ agglvl_title          <chr> "County, Total Covered", "County, ~
## $ size_title            <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count <dbl> 98, 8, 8, 4, 1, 3, 4, 1, 1, 1, 1, ~
## $ annual_avg_emplvl     <dbl> 1126, 51, 51, 29, 3, 19, 29, 20, 2~
## $ total_annual_wages    <dbl> 35024055, 2322709, 2322709, 137702~
## $ taxable_annual_wages  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage  <dbl> 598, 874, 874, 921, 1188, 751, 921~
## $ avg_annual_pay        <dbl> 31105, 45469, 45469, 47896, 61787,~
## $ lq_disclosure_code    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 11.48, 11.53, 15.56, 60.65, ~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 1.77, 1.82, 3.11, 4.83, 1.31~
## $ lq_total_annual_wages             <dbl> 1.00, 1.90, 1.96, 3.78, 7.33, 1.17~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.07, 1.07, 1.22, 1.52, 0.87~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.07, 1.07, 1.22, 1.52, 0.87~
## $ oty_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 1, -2, -2, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.0, -20.0, -20.0, 0.0, 0.0, 0.0, ~
## $ oty_annual_avg_emplvl_chg         <dbl> 16, -34, -34, -3, 1, -2, -3, -4, -~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 1.4, -40.0, -40.0, -9.4, 50.0, -9.~
## $ oty_total_annual_wages_chg        <dbl> 1931903, -191233, -191233, -101334~
## $ oty_total_annual_wages_pct_chg    <dbl> 5.8, -7.6, -7.6, -6.9, 50.2, -4.3,~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 25, 308, 308, 44, 206, 25, 44, 93,~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 4.4, 54.4, 54.4, 5.0, 21.0, 3.4, 5~
## $ oty_avg_annual_pay_chg            <dbl> 1283, 16037, 16037, 2291, 10720, 1~
## $ oty_avg_annual_pay_pct_chg        <dbl> 4.3, 54.5, 54.5, 5.0, 21.0, 3.5, 5~
## Fips loop: 0.204 sec elapsed
## [1] "'Middle' loop with FIPS = 02070"

## Rows: 47 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 47
## Columns: 43
## $ area_fips               <chr> "02070", "02070", "02070", "02070"~
## $ own_code                <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code           <chr> "10", "10", "102", "1021", "1025",~
## $ agglvl_code             <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                    <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                     <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title              <chr> "Dillingham Census Area, Alaska", ~
## $ own_title               <chr> "Total Covered", "Federal Governme~
## $ industry_title          <chr> "Total, all industries", "Total, a~
## $ agglvl_title            <chr> "County, Total Covered", "County, ~
## $ size_title              <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count <dbl> 144, 8, 8, 4, 1, 3, 4, 1, 1, 1, 1,~
## $ annual_avg_emplvl       <dbl> 2022, 55, 55, 26, 12, 17, 26, 4, 4~
## $ total_annual_wages      <dbl> 55523962, 2116812, 2116812, 667397~
## $ taxable_annual_wages    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 528, 744, 744, 498, 1464, 594, 498~
## $ avg_annual_pay                  <dbl> 27464, 38663, 38663, 25918, 76107,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 7.81, 7.85, 10.59, 106.61, 5~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 1.06, 1.09, 1.56, 2.56, 0.65~
## $ lq_total_annual_wages           <dbl> 1.00, 1.09, 1.12, 1.16, 5.12, 0.50~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.03, 1.03, 0.75, 1.95, 0.78~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.03, 1.03, 0.75, 1.95, 0.78~
## $ oty_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> -10, 2, 2, 0, 0, 2, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -6.5, 33.3, 33.3, 0.0, 0.0, 200.0,~
## $ oty_annual_avg_emplvl_chg       <dbl> -54, -1, -1, -3, 2, 0, -3, -2, -2,~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> -2.6, -1.8, -1.8, -10.3, 20.0, 0.0~
## $ oty_total_annual_wages_chg      <dbl> 494000, 222986, 222986, -92715, 27~
## $ oty_total_annual_wages_pct_chg  <dbl> 0.9, 11.8, 11.8, -12.2, 40.8, 9.6,~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 18, 88, 88, -10, 180, 55, -10, 75,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.5, 13.4, 13.4, -2.0, 14.0, 10.2,~
## $ oty_avg_annual_pay_chg          <dbl> 950, 4540, 4540, -521, 9347, 2851,~
## $ oty_avg_annual_pay_pct_chg      <dbl> 3.6, 13.3, 13.3, -2.0, 14.0, 10.2,~
## Fips loop: 0.243 sec elapsed
## [1] "'Middle' loop with FIPS = 02100"

## Rows: 39 Columns: 43

## -- Column specification --------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 39
## Columns: 43
## $ area_fips                       <chr> "02100", "02100", "02100", "02100"~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Haines Borough, Alaska", "Haines ~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
```

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```
## $ annual_avg_estabs_count          <dbl> 116, 4, 4, 1, 3, 1, 1, 1, 1, 1, 3,~
## $ annual_avg_emplvl               <dbl> 783, 11, 11, 6, 6, 6, 6, 6, 6, 6, ~
## $ total_annual_wages              <dbl> 21911658, 524587, 524587, 178480, ~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 538, 897, 897, 624, 1158, 624, 624~
## $ avg_annual_pay                  <dbl> 27978, 46630, 46630, 32451, 60193,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 4.85, 4.87, 3.29, 6.79, 3.37~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.55, 0.56, 0.93, 0.60, 1.00~
## $ lq_total_annual_wages           <dbl> 1.00, 0.69, 0.71, 0.78, 0.85, 0.83~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.22, 1.22, 0.92, 1.50, 0.90~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.22, 1.23, 0.92, 1.50, 0.90~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 6, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.5, 33.3, 33.3, 0.0, 50.0, 0.0, 0~
## $ oty_annual_avg_emplvl_chg       <dbl> -47, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> -5.7, 10.0, 10.0, 20.0, 20.0, 20.0~
## $ oty_total_annual_wages_chg      <dbl> 411623, 61153, 61153, -10395, 7154~
## $ oty_total_annual_wages_pct_chg  <dbl> 1.9, 13.2, 13.2, -5.5, 26.1, -5.5,~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 40, -9, -9, -91, 46, -91, -91, -91~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 8.0, -1.0, -1.0, -12.7, 4.1, -12.7~
## $ oty_avg_annual_pay_chg          <dbl> 2059, -499, -499, -4705, 2391, -47~
## $ oty_avg_annual_pay_pct_chg      <dbl> 7.9, -1.1, -1.1, -12.7, 4.1, -12.7~
## Fips loop: 0.218 sec elapsed
## [1] "'Middle' loop with FIPS = 02105"
## [1] "No data for FIPS = 02105"
## Fips loop: 0.006 sec elapsed
## [1] "'Middle' loop with FIPS = 02110"

## Rows: 230 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 230
## Columns: 43
## $ area_fips                       <chr> "02110", "02110", "02110", "02110"~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
```

```
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Juneau Borough, Alaska", "Juneau ~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 1031, 28, 28, 3, 2, 1, 1, 19, 3, 1~
## $ annual_avg_emplvl                 <dbl> 15472, 908, 908, 228, 8, 5, 76, 58~
## $ total_annual_wages                <dbl> 500032532, 45341394, 45341394, 112~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 622, 960, 960, 948, 818, 622, 1023~
## $ avg_annual_pay                    <dbl> 32318, 49945, 49945, 49303, 42522,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 3.82, 3.83, 1.11, 11.53, 6.8~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 2.29, 2.35, 1.78, 0.94, 0.63~
## $ lq_total_annual_wages             <dbl> 1.00, 2.60, 2.67, 2.16, 0.90, 0.83~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.13, 1.13, 1.21, 1.00, 1.41~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.14, 1.14, 1.21, 1.00, 1.42~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 53, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.4, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> 522, -29, -29, 1, 0, 0, -10, -18, ~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 3.5, -3.1, -3.1, 0.4, 0.0, 0.0, -1~
## $ oty_total_annual_wages_chg        <dbl> 21587289, -59107, -59107, 347703, ~
## $ oty_total_annual_wages_pct_chg    <dbl> 4.5, -0.1, -0.1, 3.2, 13.0, 1.7, -~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 7, 28, 28, 26, 102, 87, 5, 32, 26,~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 1.1, 3.0, 3.0, 2.8, 14.2, 16.3, 0.~
## $ oty_avg_annual_pay_chg            <dbl> 316, 1475, 1475, 1333, 5294, 4530,~
## $ oty_avg_annual_pay_pct_chg        <dbl> 1.0, 3.0, 3.0, 2.8, 14.2, 16.3, 0.~
## Fips loop: 0.751 sec elapsed
## [1] "'Middle' loop with FIPS = 02122"

## Rows: 269 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 269
## Columns: 43
## $ area_fips                         <chr> "02122", "02122", "02122", "02122"~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
```

```
## $ industry_code                     <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Kenai Peninsula Borough, Alaska",~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 1575, 31, 31, 13, 1, 2, 2, 13, 13,~
## $ annual_avg_emplvl                 <dbl> 15796, 374, 374, 209, 4, 4, 27, 13~
## $ total_annual_wages                <dbl> 476763607, 16627551, 16627551, 105~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 580, 854, 854, 973, 581, 965, 599,~
## $ avg_annual_pay                    <dbl> 30183, 44409, 44409, 50588, 30189,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 2.77, 2.78, 3.15, 2.58, 7.55~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.92, 0.95, 1.60, 1.07, 0.46~
## $ lq_total_annual_wages             <dbl> 1.00, 1.00, 1.03, 2.14, 0.57, 0.64~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.08, 1.08, 1.33, 0.58, 1.27~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.08, 1.08, 1.33, 0.58, 1.27~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 53, -1, -1, 0, 0, 1, 0, -1, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.5, -3.1, -3.1, 0.0, 0.0, 100.0, ~
## $ oty_annual_avg_emplvl_chg         <dbl> 204, 0, 0, 9, -1, 1, 2, -12, 9, 8,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 1.3, 0.0, 0.0, 4.5, -20.0, 33.3, 8~
## $ oty_total_annual_wages_chg        <dbl> 8629226, 793444, 793444, 918717, -~
## $ oty_total_annual_wages_pct_chg    <dbl> 1.8, 5.0, 5.0, 9.5, -43.7, 109.0, ~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 3, 40, 40, 41, -229, 176, -9, 33, ~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 0.5, 4.9, 4.9, 4.4, -28.3, 22.3, -~
## $ oty_avg_annual_pay_chg            <dbl> 158, 2100, 2100, 2111, -11926, 913~
## $ oty_avg_annual_pay_pct_chg        <dbl> 0.5, 5.0, 5.0, 4.4, -28.3, 22.3, -~
## Fips loop: 0.829 sec elapsed
## [1] "'Middle' loop with FIPS = 02130"

## Rows: 140 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Rows: 140
## Columns: 43
## $ area_fips                         <chr> "02130", "02130", "02130", "02130"~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Ketchikan Gateway Borough, Alaska~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 595, 14, 14, 4, 1, 1, 1, 7, 4, 1, ~
## $ annual_avg_emplvl                 <dbl> 7875, 300, 300, 85, 3, 12, 3, 197,~
## $ total_annual_wages                <dbl> 254136521, 13178949, 13178949, 406~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 621, 845, 845, 915, 636, 786, 688,~
## $ avg_annual_pay                    <dbl> 32271, 43918, 43918, 47569, 33070,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 3.31, 3.32, 2.56, 9.99, 25.8~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 1.49, 1.53, 1.31, 0.69, 0.66~
## $ lq_total_annual_wages             <dbl> 1.00, 1.49, 1.53, 1.54, 0.45, 0.60~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.00, 1.00, 1.17, 0.78, 0.89~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.00, 1.00, 1.17, 0.78, 0.89~
## $ oty_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 14, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.4, 7.7, 7.7, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> 245, -9, -9, 2, 2, -5, -3, -6, 2, ~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 3.2, -2.9, -2.9, 2.4, 200.0, -29.4~
## $ oty_total_annual_wages_chg        <dbl> 15576382, 73432, 73432, 296288, 63~
## $ oty_total_annual_wages_pct_chg    <dbl> 6.5, 0.6, 0.6, 7.9, 331.2, -13.2, ~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 20, 29, 29, 38, 296, 122, -181, 18~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.3, 3.6, 3.6, 4.3, 87.1, 18.4, -2~
## $ oty_avg_annual_pay_chg            <dbl> 1005, 1482, 1482, 1955, 15370, 636~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.2, 3.5, 3.5, 4.3, 86.8, 18.4, -2~
## Fips loop: 0.535 sec elapsed
## [1] "'Middle' loop with FIPS = 02150"

## Rows: 98 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
```

```
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 98
## Columns: 43
## $ area_fips                        <chr> "02150", "02150", "02150", "02150"~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Kodiak Island Borough, Alaska", "~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 487, 10, 10, 4, 1, 4, 4, 1, 1, 1, ~
## $ annual_avg_emplvl                <dbl> 6008, 162, 162, 112, 30, 20, 112, ~
## $ total_annual_wages               <dbl> 156756163, 7270213, 7270213, 48725~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 502, 862, 862, 839, 970, 798, 839,~
## $ avg_annual_pay                   <dbl> 26089, 44809, 44809, 43602, 50461,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 2.89, 2.90, 3.13, 12.20, 2.1~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 1.05, 1.08, 2.25, 9.06, 0.26~
## $ lq_total_annual_wages            <dbl> 1.00, 1.33, 1.37, 2.99, 13.53, 0.2~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.26, 1.26, 1.33, 1.47, 1.11~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.26, 1.26, 1.33, 1.48, 1.11~
## $ oty_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 4, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.8, 11.1, 11.1, 0.0, 0.0, 33.3, 0~
## $ oty_annual_avg_emplvl_chg        <dbl> 274, -4, -4, -4, -2, 2, -4, -4, -4~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 4.8, -2.4, -2.4, -3.4, -6.2, 11.1,~
## $ oty_total_annual_wages_chg       <dbl> 8393824, 63521, 63521, 1269, -6995~
## $ oty_total_annual_wages_pct_chg   <dbl> 5.7, 0.9, 0.9, 0.0, -4.4, 17.1, 0.~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 4, 29, 29, 29, 16, 42, 29, 43, 43,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 0.8, 3.5, 3.5, 3.6, 1.7, 5.6, 3.6,~
## $ oty_avg_annual_pay_chg           <dbl> 214, 1504, 1504, 1457, 830, 2211, ~
## $ oty_avg_annual_pay_pct_chg       <dbl> 0.8, 3.5, 3.5, 3.5, 1.7, 5.6, 3.5,~
## Fips loop: 0.401 sec elapsed
## [1] "'Middle' loop with FIPS = 02164"

## Rows: 31 Columns: 43

## -- Column specification ---------------------------------------------------
```

```
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 31
## Columns: 43
## $ area_fips                       <chr> "02164", "02164", "02164", "02164"~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Lake and Peninsula Borough, Alask~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 100, 8, 8, 4, 2, 2, 4, 3, 3, 3, 3,~
## $ annual_avg_emplvl               <dbl> 590, 49, 49, 10, 37, 2, 10, 10, 10~
## $ total_annual_wages              <dbl> 12907580, 1789822, 1789822, 241197~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 421, 707, 707, 456, 801, 250, 456,~
## $ avg_annual_pay                  <dbl> 21883, 36777, 36777, 23724, 41651,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 11.25, 11.30, 15.25, 141.47,~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 3.24, 3.33, 2.05, 121.95, 0.~
## $ lq_total_annual_wages           <dbl> 1.00, 3.98, 4.09, 1.80, 324.37, 0.~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.23, 1.23, 0.86, 2.69, 0.41~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.23, 1.24, 0.86, 2.69, 0.41~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 4, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.2, 14.3, 14.3, 33.3, 0.0, 0.0, 3~
## $ oty_annual_avg_emplvl_chg       <dbl> 10, -12, -12, -4, -7, 0, -4, -1, -~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 1.7, -19.7, -19.7, -28.6, -15.9, 0~
## $ oty_total_annual_wages_chg      <dbl> 1171959, -46019, -46019, -141821, ~
## $ oty_total_annual_wages_pct_chg  <dbl> 10.0, -2.5, -2.5, -37.0, 6.6, 8.6,~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 32, 123, 123, -61, 180, 30, -61, 3~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 8.2, 21.1, 21.1, -11.8, 29.0, 13.6~
## $ oty_avg_annual_pay_chg          <dbl> 1640, 6433, 6433, -3154, 9336, 152~
## $ oty_avg_annual_pay_pct_chg      <dbl> 8.1, 21.2, 21.2, -11.7, 28.9, 13.3~
## Fips loop: 0.226 sec elapsed
```

```
## [1] "'Middle' loop with FIPS = 02170"

## Rows: 220 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 220
## Columns: 43
## $ area_fips                         <chr> "02170", "02170", "02170", "02170"~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Matanuska-Susitna Borough, Alaska~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 1012, 23, 23, 8, 1, 1, 2, 11, 8, 2~
## $ annual_avg_emplvl                 <dbl> 9949, 125, 125, 71, 18, 7, 9, 20, ~
## $ total_annual_wages                <dbl> 282345030, 5187354, 5187354, 27042~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 546, 800, 800, 732, 912, 1280, 577~
## $ avg_annual_pay                    <dbl> 28380, 41610, 41610, 38043, 47437,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 3.20, 3.21, 3.01, 4.02, 5.87~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.49, 0.50, 0.86, 7.66, 1.28~
## $ lq_total_annual_wages             <dbl> 1.00, 0.53, 0.54, 0.92, 7.46, 2.34~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.08, 1.08, 1.07, 0.97, 1.79~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.08, 1.08, 1.07, 0.97, 1.79~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 77, 2, 2, 0, 0, 0, 0, 2, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 8.2, 9.5, 9.5, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> 458, 10, 10, 1, 5, 0, 2, 1, 1, 0, ~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 4.8, 8.7, 8.7, 1.4, 38.5, 0.0, 28.~
## $ oty_total_annual_wages_chg        <dbl> 18462272, 216673, 216673, 25022, 1~
## $ oty_total_annual_wages_pct_chg    <dbl> 7.0, 4.4, 4.4, 0.9, 21.4, 4.0, 27.~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 11, -28, -28, -8, -142, 19, -2, -6~
```

```
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 2.1, -3.4, -3.4, -1.1, -13.5, 1.5,~
## $ oty_avg_annual_pay_chg                <dbl> 575, -1457, -1457, -415, -7384, 10~
## $ oty_avg_annual_pay_pct_chg            <dbl> 2.1, -3.4, -3.4, -1.1, -13.5, 1.6,~
## Fips loop: 0.657 sec elapsed
## [1] "'Middle' loop with FIPS = 02180"

## Rows: 104 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 104
## Columns: 43
## $ area_fips                       <chr> "02180", "02180", "02180", "02180"~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Nome Census Area, Alaska", "Nome ~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 263, 16, 16, 5, 2, 1, 6, 5, 1, 1, ~
## $ annual_avg_emplvl               <dbl> 3191, 85, 85, 53, 6, 13, 5, 53, 18~
## $ total_annual_wages              <dbl> 90390313, 3203002, 3203002, 168236~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 545, 723, 723, 614, 756, 656, 669,~
## $ avg_annual_pay                  <dbl> 28324, 37572, 37572, 31944, 39315,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 8.55, 8.59, 7.25, 45.20, 26.~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 1.04, 1.07, 2.01, 3.41, 7.92~
## $ lq_total_annual_wages           <dbl> 1.00, 1.02, 1.05, 1.79, 3.82, 13.8~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 0.97, 0.97, 0.90, 1.06, 1.70~
## $ lq_avg_annual_pay               <dbl> 1.00, 0.97, 0.98, 0.90, 1.06, 1.70~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> -3, -1, -1, 0, 0, -1, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -1.1, -5.9, -5.9, 0.0, 0.0, -50.0,~
## $ oty_annual_avg_emplvl_chg       <dbl> 80, 1, 1, -3, 1, 2, 0, -3, -4, -4,~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 2.6, 1.2, 1.2, -5.4, 20.0, 18.2, 0~
## $ oty_total_annual_wages_chg      <dbl> 4076143, 18202, 18202, -234260, 20~
## $ oty_total_annual_wages_pct_chg  <dbl> 4.7, 0.6, 0.6, -12.2, 9.2, 17.3, 1~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_taxable_annual_wages_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 11, -3, -3, -49, -53, -1, 41, -49,~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 2.1, -0.4, -0.4, -7.4, -6.6, -0.2,~
## $ oty_avg_annual_pay_chg                <dbl> 578, -192, -192, -2538, -2779, -89~
## $ oty_avg_annual_pay_pct_chg            <dbl> 2.1, -0.5, -0.5, -7.4, -6.6, -0.3,~
## Fips loop: 0.396 sec elapsed
## [1] "'Middle' loop with FIPS = 02185"

## Rows: 56 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 56
## Columns: 43
## $ area_fips                         <chr> "02185", "02185", "02185", "02185"~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "North Slope Borough, Alaska", "No~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 192, 7, 7, 2, 1, 2, 1, 2, 2, 2, 2,~
## $ annual_avg_emplvl                 <dbl> 7928, 78, 78, 14, 6, 37, 1, 14, 14~
## $ total_annual_wages                <dbl> 484725747, 2562952, 2562952, 44701~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 1176, 634, 634, 603, 1071, 434, 52~
## $ avg_annual_pay                    <dbl> 61145, 32964, 32964, 31369, 55705,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 5.13, 5.15, 3.97, 30.96, 73.~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.38, 0.39, 0.21, 1.37, 9.08~
## $ lq_total_annual_wages             <dbl> 1.00, 0.15, 0.16, 0.09, 0.96, 4.78~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 0.40, 0.40, 0.41, 0.70, 0.52~
## $ lq_avg_annual_pay                 <dbl> 1.00, 0.40, 0.40, 0.41, 0.70, 0.52~
## $ oty_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> -138, 8, 8, 1, 0, 10, 0, 1, 1, 1, ~
```

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## $ oty_annual_avg_emplvl_pct_chg        <dbl> -1.7, 11.4, 11.4, 7.7, 0.0, 37.0, ~
## $ oty_total_annual_wages_chg            <dbl> 8226026, 48393, 48393, 33977, -107~
## $ oty_total_annual_wages_pct_chg        <dbl> 1.7, 1.9, 1.9, 8.2, -3.1, 43.4, -2~
## $ oty_taxable_annual_wages_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 40, -53, -53, 7, -117, 11, -37, 7,~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 3.5, -7.7, -7.7, 1.2, -9.8, 2.6, -~
## $ oty_avg_annual_pay_chg                <dbl> 2068, -2746, -2746, 391, -6090, 55~
## $ oty_avg_annual_pay_pct_chg            <dbl> 3.5, -7.7, -7.7, 1.3, -9.9, 2.5, -~
## Fips loop: 0.243 sec elapsed
## [1] "'Middle' loop with FIPS = 02188"

## Rows: 55 Columns: 43

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 55
## Columns: 43
## $ area_fips                   <chr> "02188", "02188", "02188", "02188"~
## $ own_code                    <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code               <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                 <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                        <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                         <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                  <chr> "Northwest Arctic Borough, Alaska"~
## $ own_title                   <chr> "Total Covered", "Federal Governme~
## $ industry_title              <chr> "Total, all industries", "Total, a~
## $ agglvl_title                <chr> "County, Total Covered", "County, ~
## $ size_title                  <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count     <dbl> 142, 9, 9, 4, 1, 1, 3, 4, 1, 1, 1,~
## $ annual_avg_emplvl           <dbl> 2459, 63, 63, 26, 3, 27, 7, 26, 3,~
## $ total_annual_wages          <dbl> 86227194, 1910488, 1910488, 658924~
## $ taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage        <dbl> 674, 584, 584, 487, 950, 595, 744,~
## $ avg_annual_pay              <dbl> 35073, 30365, 30365, 25343, 49376,~
## $ lq_disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count  <dbl> 1.00, 8.91, 8.95, 10.74, 41.86, 49~
## $ lq_annual_avg_emplvl        <dbl> 1.00, 1.00, 1.03, 1.28, 2.21, 21.3~
## $ lq_total_annual_wages       <dbl> 1.00, 0.64, 0.65, 0.73, 2.25, 26.3~
## $ lq_taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage     <dbl> 1.00, 0.64, 0.64, 0.57, 1.08, 1.25~
## $ lq_avg_annual_pay           <dbl> 1.00, 0.64, 0.64, 0.57, 1.08, 1.25~
```

```
## $ oty_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 4, -1, -1, 0, 0, 0, -1, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.9, -10.0, -10.0, 0.0, 0.0, 0.0, ~
## $ oty_annual_avg_emplvl_chg           <dbl> 53, -4, -4, -4, 0, 2, -1, -4, -4, ~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 2.2, -6.0, -6.0, -13.3, 0.0, 8.0, ~
## $ oty_total_annual_wages_chg          <dbl> 4416116, -228548, -228548, -237555~
## $ oty_total_annual_wages_pct_chg      <dbl> 5.4, -10.7, -10.7, -26.5, -3.9, 5.~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 20, -35, -35, -80, -38, -13, 29, -~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 3.1, -5.7, -5.7, -14.1, -3.8, -2.1~
## $ oty_avg_annual_pay_chg              <dbl> 1074, -1801, -1801, -4130, -1987, ~
## $ oty_avg_annual_pay_pct_chg          <dbl> 3.2, -5.6, -5.6, -14.0, -3.9, -2.0~
## Fips loop: 0.298 sec elapsed
## [1] "'Middle' loop with FIPS = 02195"
## [1] "No data for FIPS = 02195"
## Fips loop: 0.007 sec elapsed
## [1] "'Middle' loop with FIPS = 02198"
## [1] "No data for FIPS = 02198"
## Fips loop: 0.007 sec elapsed
## [1] "'Middle' loop with FIPS = 02220"

## Rows: 94 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 94
## Columns: 43
## $ area_fips              <chr> "02220", "02220", "02220", "02220"~
## $ own_code               <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code          <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code            <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                   <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                    <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title             <chr> "Sitka Borough, Alaska", "Sitka Bo~
## $ own_title              <chr> "Total Covered", "Federal Governme~
## $ industry_title         <chr> "Total, all industries", "Total, a~
## $ agglvl_title           <chr> "County, Total Covered", "County, ~
## $ size_title             <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count <dbl> 343, 8, 8, 2, 1, 1, 1, 3, 2, 1, 1,~
## $ annual_avg_emplvl      <dbl> 3771, 265, 265, 38, 5, 33, 18, 171~
## $ total_annual_wages     <dbl> 102498317, 10920755, 10920755, 164~
## $ taxable_annual_wages   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

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## $ annual_avg_wkly_wage                  <dbl> 523, 794, 794, 840, 880, 747, 677,~
## $ avg_annual_pay                        <dbl> 27182, 41262, 41262, 43696, 45777,~
## $ lq_disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count            <dbl> 1.00, 3.28, 3.29, 2.22, 17.33, 44.~
## $ lq_annual_avg_emplvl                  <dbl> 1.00, 2.75, 2.82, 1.22, 2.41, 3.78~
## $ lq_total_annual_wages                 <dbl> 1.00, 3.06, 3.14, 1.54, 2.99, 3.82~
## $ lq_taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage               <dbl> 1.00, 1.12, 1.12, 1.28, 1.28, 1.01~
## $ lq_avg_annual_pay                     <dbl> 1.00, 1.12, 1.12, 1.28, 1.29, 1.01~
## $ oty_disclosure_code                   <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg       <dbl> 9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg   <dbl> 2.7, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg             <dbl> 64, -7, -7, 0, 1, -1, 1, -9, 0, 0,~
## $ oty_annual_avg_emplvl_pct_chg         <dbl> 1.7, -2.6, -2.6, 0.0, 25.0, -2.9, ~
## $ oty_total_annual_wages_chg            <dbl> 1425103, -167838, -167838, 35129, ~
## $ oty_total_annual_wages_pct_chg        <dbl> 1.4, -1.5, -1.5, 2.2, 43.3, -2.2, ~
## $ oty_taxable_annual_wages_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> -1, 9, 9, 16, 106, -7, 18, 7, 16, ~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> -0.2, 1.1, 1.1, 1.9, 13.7, -0.9, 2~
## $ oty_avg_annual_pay_chg                <dbl> -84, 420, 420, 837, 5509, -388, 90~
## $ oty_avg_annual_pay_pct_chg            <dbl> -0.3, 1.0, 1.0, 2.0, 13.7, -1.0, 2~
## Fips loop: 0.359 sec elapsed
## [1] "'Middle' loop with FIPS = 02230"
## [1] "No data for FIPS = 02230"
## Fips loop: 0.008 sec elapsed
## [1] "'Middle' loop with FIPS = 02261"

## Rows: 103 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 103
## Columns: 43
## $ area_fips              <chr> "02261", "02261", "02261", "02261"~
## $ own_code              <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code         <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code           <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                  <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                   <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title            <chr> "Valdez-Cordova Census Area, Alask~
## $ own_title             <chr> "Total Covered", "Federal Governme~
## $ industry_title        <chr> "Total, all industries", "Total, a~
```

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## $ agglvl_title                         <chr> "County, Total Covered", "County, ~
## $ size_title                           <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count              <dbl> 528, 19, 19, 8, 2, 3, 6, 8, 3, 3, ~
## $ annual_avg_emplvl                    <dbl> 4533, 127, 127, 34, 6, 39, 47, 34,~
## $ total_annual_wages                   <dbl> 159727581, 4669551, 4669551, 13039~
## $ taxable_annual_wages                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                 <dbl> 678, 710, 710, 741, 984, 668, 688,~
## $ avg_annual_pay                       <dbl> 35237, 36913, 36913, 38540, 51153,~
## $ lq_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count           <dbl> 1.00, 5.06, 5.08, 5.78, 22.51, 40.~
## $ lq_annual_avg_emplvl                 <dbl> 1.00, 1.09, 1.12, 0.91, 2.40, 16.7~
## $ lq_total_annual_wages                <dbl> 1.00, 0.84, 0.86, 0.78, 2.66, 23.5~
## $ lq_taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 0.77, 0.77, 0.87, 1.11, 1.39~
## $ lq_avg_annual_pay                    <dbl> 1.00, 0.77, 0.77, 0.87, 1.11, 1.39~
## $ oty_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 48, 2, 2, 0, 1, 0, 1, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 10.0, 11.8, 11.8, 0.0, 100.0, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> 79, 3, 3, -2, 1, 5, -3, -2, -2, -2~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 1.8, 2.4, 2.4, -5.6, 20.0, 14.7, -~
## $ oty_total_annual_wages_chg           <dbl> 2391364, 102653, 102653, -171162, ~
## $ oty_total_annual_wages_pct_chg       <dbl> 1.5, 2.2, 2.2, -11.6, 39.3, 18.6, ~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> -1, 3, 3, -58, 59, 9, 33, -58, -28~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> -0.1, 0.4, 0.4, -7.3, 6.4, 1.4, 5.~
## $ oty_avg_annual_pay_chg               <dbl> -92, 133, 133, -3012, 3074, 442, 1~
## $ oty_avg_annual_pay_pct_chg           <dbl> -0.3, 0.4, 0.4, -7.2, 6.4, 1.3, 5.~
## Fips loop: 0.39 sec elapsed
## [1] "'Middle' loop with FIPS = 02270"

## Rows: 38 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 38
## Columns: 43
## $ area_fips                            <chr> "02270", "02270", "02270", "02270"~
## $ own_code                             <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                        <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                          <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                 <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                  <chr> "A", "A", "A", "A", "A", "A", "A",~
```

```
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Wade Hampton Census Area, Alaska"~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 113, 7, 7, 2, 3, 2, 2, 2, 2, 2, 3,~
## $ annual_avg_emplvl                 <dbl> 1409, 35, 35, 28, 6, 28, 28, 28, 2~
## $ total_annual_wages                <dbl> 27552409, 641458, 641458, 474436, ~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 376, 352, 352, 326, 229, 326, 326,~
## $ avg_annual_pay                    <dbl> 19551, 18327, 18327, 16944, 11883,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 8.71, 8.75, 6.75, 6.97, 6.92~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.97, 1.00, 2.40, 0.33, 2.61~
## $ lq_total_annual_wages             <dbl> 1.00, 0.67, 0.69, 1.66, 0.13, 1.75~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 0.69, 0.69, 0.69, 0.42, 0.67~
## $ lq_avg_annual_pay                 <dbl> 1.00, 0.69, 0.69, 0.69, 0.42, 0.67~
## $ oty_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 4, 0, 0, -1, 0, -1, -1, -1, -1, -1~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.7, 0.0, 0.0, -33.3, 0.0, -33.3, ~
## $ oty_annual_avg_emplvl_chg         <dbl> 25, 3, 3, 1, 2, 1, 1, 1, 1, 1, 2, ~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 1.8, 9.4, 9.4, 3.7, 50.0, 3.7, 3.7~
## $ oty_total_annual_wages_chg        <dbl> 450071, 6826, 6826, -19981, 6715, ~
## $ oty_total_annual_wages_pct_chg    <dbl> 1.7, 1.1, 1.1, -4.0, 11.5, -4.0, -~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 0, -29, -29, -28, -42, -28, -28, -~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 0.0, -7.6, -7.6, -7.9, -15.5, -7.9~
## $ oty_avg_annual_pay_chg            <dbl> -27, -1505, -1505, -1481, -2191, -~
## $ oty_avg_annual_pay_pct_chg        <dbl> -0.1, -7.6, -7.6, -8.0, -15.6, -8.~
## Fips loop: 0.231 sec elapsed
## [1] "'Middle' loop with FIPS = 02275"
## [1] "No data for FIPS = 02275"
## Fips loop: 0.007 sec elapsed
## [1] "'Middle' loop with FIPS = 02282"

## Rows: 36 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 36
## Columns: 43
```

```
## $ area_fips                          <chr> "02282", "02282", "02282", "02282"~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Yakutat Borough, Alaska", "Yakuta~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 44, 5, 5, 2, 1, 1, 1, 2, 1, 1, 1, ~
## $ annual_avg_emplvl                  <dbl> 414, 26, 26, 6, 6, 2, 11, 6, 3, 3,~
## $ total_annual_wages                 <dbl> 12707536, 1016041, 1016041, 277200~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 590, 764, 764, 842, 842, 911, 638,~
## $ avg_annual_pay                     <dbl> 30676, 39715, 39715, 43768, 43763,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 15.98, 16.05, 17.33, 135.08,~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 2.45, 2.52, 1.75, 26.30, 9.3~
## $ lq_total_annual_wages              <dbl> 1.00, 2.29, 2.36, 2.10, 30.23, 23.~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.95, 0.95, 1.13, 1.09, 2.18~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.95, 0.95, 1.13, 1.09, 2.18~
## $ oty_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.3, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg          <dbl> 48, 4, 4, 0, 1, 0, 3, 0, 0, 0, 0, ~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 13.1, 18.2, 18.2, 0.0, 20.0, 0.0, ~
## $ oty_total_annual_wages_chg         <dbl> 2412959, 89143, 89143, 7365, 49509~
## $ oty_total_annual_wages_pct_chg     <dbl> 23.4, 9.6, 9.6, 2.7, 21.7, 12.2, 6~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 50, -59, -59, 12, -34, -36, -118, ~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 9.3, -7.2, -7.2, 1.4, -3.9, -3.8, ~
## $ oty_avg_annual_pay_chg             <dbl> 2581, -3065, -3065, 594, -1768, -1~
## $ oty_avg_annual_pay_pct_chg         <dbl> 9.2, -7.2, -7.2, 1.4, -3.9, -3.9, ~
## Fips loop: 0.24 sec elapsed
## [1] "'Middle' loop with FIPS = 06001"

## Rows: 1438 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code

##
```

```
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,438
## Columns: 43
## $ area_fips                        <chr> "06001", "06001", "06001", "06001"~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Alameda County, California", "Ala~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 41139, 114, 114, 20, 5, 12, 77, 2,~
## $ annual_avg_emplvl                <dbl> 604087, 19506, 19506, 7936, 38, 42~
## $ total_annual_wages               <dbl> 20093535543, 770660544, 770660544,~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 640, 760, 760, 745, 864, 208, 790,~
## $ avg_annual_pay                   <dbl> 33263, 39509, 39509, 38745, 44911,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.39, 0.39, 0.19, 0.72, 2.06~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 1.26, 1.30, 1.59, 0.11, 1.36~
## $ lq_total_annual_wages            <dbl> 1.00, 1.10, 1.13, 1.47, 0.12, 0.63~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.87, 0.87, 0.92, 1.03, 0.46~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.87, 0.87, 0.93, 1.03, 0.46~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 2949, 8, 8, -1, 0, 2, 8, -1, -1, -~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 7.7, 7.5, 7.5, -4.8, 0.0, 20.0, 11~
## $ oty_annual_avg_emplvl_chg        <dbl> 21677, -1939, -1939, 27, -7, 21, -~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 3.7, -9.0, -9.0, 0.3, -15.6, 5.2, ~
## $ oty_total_annual_wages_chg       <dbl> 1354445365, -68026269, -68026269, ~
## $ oty_total_annual_wages_pct_chg   <dbl> 7.2, -8.1, -8.1, -0.2, -20.5, 2.1,~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 21, 8, 8, -4, -46, -6, 21, 53, 53,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.4, 1.1, 1.1, -0.5, -5.1, -2.8, 2~
## $ oty_avg_annual_pay_chg           <dbl> 1088, 400, 400, -221, -2415, -319,~
## $ oty_avg_annual_pay_pct_chg       <dbl> 3.4, 1.0, 1.0, -0.6, -5.1, -2.9, 2~
## Fips loop: 2.778 sec elapsed
## [1] "'Middle' loop with FIPS = 06013"

## Rows: 1033 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
```

```
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,033
## Columns: 43
## $ area_fips                        <chr> "06013", "06013", "06013", "06013"~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Contra Costa County, California",~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 25605, 67, 67, 26, 3, 1, 1, 37, 26~
## $ annual_avg_emplvl                <dbl> 292247, 6497, 6497, 3108, 6, 999, ~
## $ total_annual_wages               <dbl> 9644955165, 268013692, 268013692, ~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 635, 793, 793, 685, 222, 1162, 486~
## $ avg_annual_pay                   <dbl> 33003, 41253, 41253, 35628, 11549,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.37, 0.37, 0.39, 0.70, 0.60~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.87, 0.89, 1.29, 0.04, 1.48~
## $ lq_total_annual_wages            <dbl> 1.00, 0.80, 0.82, 1.10, 0.01, 1.91~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.92, 0.92, 0.86, 0.27, 1.29~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.92, 0.92, 0.86, 0.27, 1.29~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 1792, 0, 0, -1, 1, 0, -1, 2, -1, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 7.5, 0.0, 0.0, -3.7, 50.0, 0.0, -5~
## $ oty_annual_avg_emplvl_chg        <dbl> 2594, -135, -135, 118, 3, 67, -5, ~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 0.9, -2.0, -2.0, 3.9, 100.0, 7.2, ~
## $ oty_total_annual_wages_chg       <dbl> 350128586, -10296209, -10296209, -~
## $ oty_total_annual_wages_pct_chg   <dbl> 3.8, -3.7, -3.7, -2.3, -44.4, 3.8,~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 18, -14, -14, -44, -565, -38, 32, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.9, -1.7, -1.7, -6.0, -71.8, -3.2~
## $ oty_avg_annual_pay_chg           <dbl> 913, -710, -710, -2288, -29361, -1~
## $ oty_avg_annual_pay_pct_chg       <dbl> 2.8, -1.7, -1.7, -6.0, -71.8, -3.2~
## Fips loop: 2.751 sec elapsed
## [1] "'Middle' loop with FIPS = 06015"
```

```
## Rows: 113 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 113
## Columns: 43
## $ area_fips                        <chr> "06015", "06015", "06015", "06015"~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Del Norte County, California", "D~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 837, 13, 13, 5, 1, 7, 5, 5, 5, 5, ~
## $ annual_avg_emplvl                <dbl> 7270, 172, 172, 45, 59, 68, 45, 45~
## $ total_annual_wages               <dbl> 161985520, 5540722, 5540722, 15290~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 428, 618, 618, 649, 634, 584, 649,~
## $ avg_annual_pay                   <dbl> 22281, 32136, 32136, 33729, 32944,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 2.18, 2.19, 2.28, 8.45, 2.19~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.92, 0.95, 0.75, 15.78, 0.7~
## $ lq_total_annual_wages            <dbl> 1.00, 0.98, 1.01, 0.91, 33.16, 0.6~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.06, 1.06, 1.20, 2.09, 0.95~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.06, 1.06, 1.20, 2.09, 0.95~
## $ oty_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 57, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 7.3, 0.0, 0.0, 0.0, 0.0, 16.7, 0.0~
## $ oty_annual_avg_emplvl_chg        <dbl> 169, 8, 8, 1, -2, 9, 1, 1, 1, 1, 1~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 2.4, 4.9, 4.9, 2.3, -3.3, 15.3, 2.~
## $ oty_total_annual_wages_chg       <dbl> 8593115, -82871, -82871, -39944, 4~
## $ oty_total_annual_wages_pct_chg   <dbl> 5.6, -1.5, -1.5, -2.5, 2.2, -4.0, ~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 13, -41, -41, -32, 32, -119, -32, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.1, -6.2, -6.2, -4.7, 5.3, -16.9,~
```

```
## $ oty_avg_annual_pay_chg                    <dbl> 679, -2154, -2154, -1662, 1627, -6~
## $ oty_avg_annual_pay_pct_chg                <dbl> 3.1, -6.3, -6.3, -4.7, 5.2, -16.9,~
## Fips loop: 0.439 sec elapsed
## [1] "'Middle' loop with FIPS = 06023"

## Rows: 482 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 482
## Columns: 43
## $ area_fips                                 <chr> "06023", "06023", "06023", "06023"~
## $ own_code                                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                             <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                               <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                                <chr> "Humboldt County, California", "Hu~
## $ own_title                                 <chr> "Total Covered", "Federal Governme~
## $ industry_title                            <chr> "Total, all industries", "Total, a~
## $ agglvl_title                              <chr> "County, Total Covered", "County, ~
## $ size_title                                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count                   <dbl> 5209, 57, 57, 20, 1, 3, 1, 32, 20,~
## $ annual_avg_emplvl                         <dbl> 46228, 834, 834, 343, 5, 24, 73, 3~
## $ total_annual_wages                        <dbl> 994008715, 28096327, 28096327, 123~
## $ taxable_annual_wages                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                      <dbl> 414, 648, 648, 694, 540, 758, 536,~
## $ avg_annual_pay                            <dbl> 21502, 33699, 33699, 36078, 28056,~
## $ lq_disclosure_code                        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count                <dbl> 1.00, 1.54, 1.55, 1.46, 0.78, 3.42~
## $ lq_annual_avg_emplvl                      <dbl> 1.00, 0.70, 0.72, 0.90, 0.46, 0.94~
## $ lq_total_annual_wages                     <dbl> 1.00, 0.81, 0.83, 1.20, 0.35, 1.33~
## $ lq_taxable_annual_wages                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage                   <dbl> 1.00, 1.15, 1.15, 1.33, 0.76, 1.40~
## $ lq_avg_annual_pay                         <dbl> 1.00, 1.15, 1.15, 1.33, 0.76, 1.40~
## $ oty_disclosure_code                       <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg           <dbl> 262, 3, 3, 0, 0, 0, 0, 3, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg       <dbl> 5.3, 5.6, 5.6, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg                 <dbl> 1029, 12, 12, -6, 0, 8, 1, 9, -6, ~
## $ oty_annual_avg_emplvl_pct_chg             <dbl> 2.3, 1.5, 1.5, -1.7, 0.0, 50.0, 1.~
## $ oty_total_annual_wages_chg                <dbl> 38018988, -364772, -364772, -76413~
## $ oty_total_annual_wages_pct_chg            <dbl> 4.0, -1.3, -1.3, -5.8, 26.1, 73.1,~
## $ oty_taxable_annual_wages_chg              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

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```
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 7, -18, -18, -30, 133, 101, 37, -2~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 1.7, -2.7, -2.7, -4.1, 32.7, 15.4,~
## $ oty_avg_annual_pay_chg              <dbl> 351, -915, -915, -1570, 6873, 5268~
## $ oty_avg_annual_pay_pct_chg          <dbl> 1.7, -2.6, -2.6, -4.2, 32.4, 15.4,~
## Fips loop: 1.392 sec elapsed
## [1] "'Middle' loop with FIPS = 06037"

## Rows: 2115 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr (10): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (1): disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 2,115
## Columns: 43
## $ area_fips                         <chr> "06037", "06037", "06037", "06037"~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Los Angeles County, California", ~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 274872, 383, 383, 101, 2, 10, 6, 9~
## $ annual_avg_emplvl                 <dbl> 3766088, 63821, 63821, 30338, 136,~
## $ total_annual_wages                <dbl> 122061574613, 2555620437, 25556204~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 623, 770, 770, 710, 1138, 1153, 84~
## $ avg_annual_pay                    <dbl> 32411, 40044, 40044, 36941, 59175,~
## $ lq_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.20, 0.20, 0.14, 0.03, 0.22~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.66, 0.68, 0.97, 0.15, 0.27~
## $ lq_total_annual_wages             <dbl> 1.00, 0.60, 0.62, 0.88, 0.16, 0.38~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 0.91, 0.91, 0.91, 1.06, 1.41~
## $ lq_avg_annual_pay                 <dbl> 1.00, 0.91, 0.91, 0.91, 1.06, 1.41~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 21029, 8, 8, -1, 0, -1, 0, 0, 10, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 8.3, 2.1, 2.1, -1.0, 0.0, -9.1, 0.~
## $ oty_annual_avg_emplvl_chg         <dbl> 44179, -2846, -2509, 630, -59, -34~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 1.2, -4.3, -3.8, 2.1, -30.3, -38.2~
```

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## $ oty_total_annual_wages_chg         <dbl> 3372946047, -386641985, -372715721~
## $ oty_total_annual_wages_pct_chg     <dbl> 2.8, -13.1, -12.7, -17.1, -18.4, -~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 10, -79, -79, -166, 167, 216, -92,~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 1.6, -9.3, -9.3, -18.9, 17.2, 23.1~
## $ oty_avg_annual_pay_chg             <dbl> 522, -4090, -4104, -8591, 8672, 11~
## $ oty_avg_annual_pay_pct_chg         <dbl> 1.6, -9.3, -9.3, -18.9, 17.2, 23.1~
## Fips loop: 2.804 sec elapsed
## [1] "'Middle' loop with FIPS = 06041"

## Rows: 781 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 781
## Columns: 43
## $ area_fips                  <chr> "06041", "06041", "06041", "06041"~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Marin County, California", "Marin~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count    <dbl> 11483, 44, 44, 24, 3, 1, 16, 22, 2~
## $ annual_avg_emplvl          <dbl> 100731, 1114, 1114, 738, 138, 75, ~
## $ total_annual_wages         <dbl> 3178258285, 42595869, 42595869, 27~
## $ taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage       <dbl> 607, 736, 736, 726, 695, 616, 868,~
## $ avg_annual_pay             <dbl> 31552, 38251, 38251, 37765, 36125,~
## $ lq_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 0.54, 0.54, 0.80, 1.55, 0.62~
## $ lq_annual_avg_emplvl       <dbl> 1.00, 0.43, 0.44, 0.89, 2.49, 1.45~
## $ lq_total_annual_wages      <dbl> 1.00, 0.38, 0.40, 0.84, 2.18, 2.08~
## $ lq_taxable_annual_wages    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage    <dbl> 1.00, 0.89, 0.89, 0.95, 0.87, 1.43~
## $ lq_avg_annual_pay          <dbl> 1.00, 0.89, 0.89, 0.95, 0.87, 1.43~
## $ oty_disclosure_code        <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg     <dbl> 866, 2, 2, 0, 0, 0, 3, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 8.2, 4.8, 4.8, 0.0, 0.0, 0.0, 23.1~
## $ oty_annual_avg_emplvl_chg           <dbl> 2498, 7, 7, -10, -17, 2, 32, -9, -~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 2.5, 0.6, 0.6, -1.3, -11.0, 2.7, 2~
## $ oty_total_annual_wages_chg          <dbl> 218869745, 564317, 564317, -566323~
## $ oty_total_annual_wages_pct_chg      <dbl> 7.4, 1.3, 1.3, -2.0, -7.0, 9.9, 21~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 28, 6, 6, -5, 30, 40, -19, -9, -7,~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 4.8, 0.8, 0.8, -0.7, 4.5, 6.9, -2.~
## $ oty_avg_annual_pay_chg              <dbl> 1426, 285, 285, -253, 1529, 2094, ~
## $ oty_avg_annual_pay_pct_chg          <dbl> 4.7, 0.8, 0.8, -0.7, 4.4, 7.0, -2.~
## Fips loop: 2.161 sec elapsed
## [1] "'Middle' loop with FIPS = 06045"

## Rows: 407 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 407
## Columns: 43
## $ area_fips                <chr> "06045", "06045", "06045", "06045"~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Mendocino County, California", "M~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 4140, 46, 46, 19, 1, 2, 23, 19, 19~
## $ annual_avg_emplvl        <dbl> 29905, 348, 348, 154, 5, 32, 154, ~
## $ total_annual_wages       <dbl> 594065413, 11862028, 11862028, 539~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage     <dbl> 382, 656, 656, 672, 474, 584, 663,~
## $ avg_annual_pay           <dbl> 19865, 34111, 34111, 34965, 24666,~
## $ lq_disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 1.56, 1.57, 1.75, 0.98, 2.87~
## $ lq_annual_avg_emplvl     <dbl> 1.00, 0.45, 0.47, 0.62, 0.71, 1.94~
## $ lq_total_annual_wages    <dbl> 1.00, 0.57, 0.59, 0.87, 0.51, 2.28~
## $ lq_taxable_annual_wages  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage                 <dbl> 1.00, 1.26, 1.26, 1.40, 0.72, 1.17~
## $ lq_avg_annual_pay                       <dbl> 1.00, 1.26, 1.26, 1.40, 0.72, 1.17~
## $ oty_disclosure_code                     <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg         <dbl> 342, 2, 2, 0, 0, 0, 3, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg     <dbl> 9.0, 4.5, 4.5, 0.0, 0.0, 0.0, 15.0~
## $ oty_annual_avg_emplvl_chg               <dbl> 773, -5, -5, 1, 1, -6, -1, 1, 1, 1~
## $ oty_annual_avg_emplvl_pct_chg           <dbl> 2.7, -1.4, -1.4, 0.7, 25.0, -15.8,~
## $ oty_total_annual_wages_chg              <dbl> 28890481, -207066, -207066, -7793,~
## $ oty_total_annual_wages_pct_chg          <dbl> 5.1, -1.7, -1.7, -0.1, 31.7, -11.6~
## $ oty_taxable_annual_wages_chg            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg            <dbl> 9, -2, -2, -6, 50, 22, -9, -6, -6,~
## $ oty_annual_avg_wkly_wage_pct_chg        <dbl> 2.4, -0.3, -0.3, -0.9, 11.8, 3.9, ~
## $ oty_avg_annual_pay_chg                  <dbl> 464, -128, -128, -298, 2630, 1150,~
## $ oty_avg_annual_pay_pct_chg              <dbl> 2.4, -0.4, -0.4, -0.8, 11.9, 3.9, ~
## Fips loop: 1.295 sec elapsed
## [1] "'Middle' loop with FIPS = 06053"

## Rows: 797 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 797
## Columns: 43
## $ area_fips                    <chr> "06053", "06053", "06053", "06053"~
## $ own_code                     <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                  <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                         <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                          <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                   <chr> "Monterey County, California", "Mo~
## $ own_title                    <chr> "Total Covered", "Federal Governme~
## $ industry_title               <chr> "Total, all industries", "Total, a~
## $ agglvl_title                 <chr> "County, Total Covered", "County, ~
## $ size_title                   <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count      <dbl> 10502, 71, 71, 24, 1, 2, 9, 33, 2,~
## $ annual_avg_emplvl            <dbl> 140314, 5331, 5331, 1315, 7, 69, 3~
## $ total_annual_wages           <dbl> 3406984241, 179651723, 179651723, ~
## $ taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage         <dbl> 467, 648, 648, 643, 556, 981, 270,~
## $ avg_annual_pay               <dbl> 24281, 33702, 33702, 33420, 28912,~
## $ lq_disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.95, 0.95, 0.87, 0.39, 1.13~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 1.48, 1.52, 1.13, 0.21, 0.89~
## $ lq_total_annual_wages             <dbl> 1.00, 1.51, 1.56, 1.24, 0.15, 1.43~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.02, 1.02, 1.09, 0.69, 1.60~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.02, 1.02, 1.09, 0.69, 1.60~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 548, 6, 6, -1, 0, 0, 2, 4, -1, -1,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.5, 9.2, 9.2, -4.0, 0.0, 0.0, 28.~
## $ oty_annual_avg_emplvl_chg         <dbl> -21, -454, -454, -106, -2, 22, 51,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 0.0, -7.8, -7.8, -7.5, -22.2, 46.8~
## $ oty_total_annual_wages_chg        <dbl> 107623604, -4229584, -4229584, -15~
## $ oty_total_annual_wages_pct_chg    <dbl> 3.3, -2.3, -2.3, -3.4, -6.5, 65.6,~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 15, 37, 37, 27, 77, 116, -4, 49, 7~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.3, 6.1, 6.1, 4.4, 16.1, 13.4, -1~
## $ oty_avg_annual_pay_chg            <dbl> 770, 1915, 1915, 1402, 4015, 6017,~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.3, 6.0, 6.0, 4.4, 16.1, 13.4, -1~
## Fips loop: 2.236 sec elapsed
## [1] "'Middle' loop with FIPS = 06055"

## Rows: 490 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 490
## Columns: 43
## $ area_fips                         <chr> "06055", "06055", "06055", "06055"~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Napa County, California", "Napa C~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 4363, 19, 19, 10, 1, 8, 10, 1, 1, ~
## $ annual_avg_emplvl                 <dbl> 46875, 308, 308, 268, 18, 22, 268,~
## $ total_annual_wages                <dbl> 1195291645, 11594237, 11594237, 99~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                 <dbl> 490, 725, 725, 716, 661, 884, 716,~
## $ avg_annual_pay                       <dbl> 25500, 37674, 37674, 37232, 34350,~
## $ lq_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count           <dbl> 1.00, 0.61, 0.61, 0.87, 1.36, 0.48~
## $ lq_annual_avg_emplvl                 <dbl> 1.00, 0.26, 0.26, 0.69, 0.70, 0.04~
## $ lq_total_annual_wages                <dbl> 1.00, 0.28, 0.29, 0.80, 0.72, 0.04~
## $ lq_taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 1.09, 1.09, 1.16, 1.03, 1.25~
## $ lq_avg_annual_pay                    <dbl> 1.00, 1.09, 1.09, 1.16, 1.03, 1.25~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 273, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 6.7, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> 1543, -2, -2, 2, -5, 1, 2, 3, 3, 3~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 3.4, -0.6, -0.6, 0.8, -21.7, 4.8, ~
## $ oty_total_annual_wages_chg           <dbl> 83912844, -6927, -6927, 36946, -84~
## $ oty_total_annual_wages_pct_chg       <dbl> 7.6, -0.1, -0.1, 0.4, -11.9, 4.2, ~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 19, 5, 5, -2, 60, 2, -2, 102, 102,~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 4.0, 0.7, 0.7, -0.3, 10.0, 0.2, -0~
## $ oty_avg_annual_pay_chg               <dbl> 984, 211, 211, -106, 3122, 92, -10~
## $ oty_avg_annual_pay_pct_chg           <dbl> 4.0, 0.6, 0.6, -0.3, 10.0, 0.2, -0~
## Fips loop: 1.435 sec elapsed
## [1] "'Middle' loop with FIPS = 06059"

## Rows: 1688 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,688
## Columns: 43
## $ area_fips                            <chr> "06059", "06059", "06059", "06059"~
## $ own_code                             <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                        <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                          <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                 <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                  <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                      <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                           <chr> "Orange County, California", "Oran~
## $ own_title                            <chr> "Total Covered", "Federal Governme~
## $ industry_title                       <chr> "Total, all industries", "Total, a~
## $ agglvl_title                         <chr> "County, Total Covered", "County, ~
## $ size_title                           <chr> "All establishment sizes", "All es~
```

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```
## $ annual_avg_estabs_count            <dbl> 77820, 111, 111, 36, 3, 3, 68, 1, ~
## $ annual_avg_emplvl                  <dbl> 1161372, 14511, 14511, 8370, 1379,~
## $ total_annual_wages                 <dbl> 35925390643, 589525940, 589525940,~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 595, 781, 781, 707, 1187, 599, 813~
## $ avg_annual_pay                     <dbl> 30934, 40627, 40627, 36752, 61724,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 0.20, 0.20, 0.18, 0.16, 0.23~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.49, 0.50, 0.87, 5.03, 0.44~
## $ lq_total_annual_wages              <dbl> 1.00, 0.47, 0.48, 0.82, 5.84, 0.34~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.96, 0.96, 0.94, 1.16, 0.77~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.96, 0.97, 0.94, 1.16, 0.77~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 5441, 3, 3, 0, -1, 0, 4, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 7.5, 2.8, 2.8, 0.0, -25.0, 0.0, 6.~
## $ oty_annual_avg_emplvl_chg          <dbl> 27230, -1572, -1572, 41, -191, 27,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 2.4, -9.8, -9.8, 0.5, -12.2, 10.6,~
## $ oty_total_annual_wages_chg         <dbl> 1526240601, -39646076, -39646076, ~
## $ oty_total_annual_wages_pct_chg     <dbl> 4.4, -6.3, -6.3, -1.3, -2.1, 15.3,~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 12, 29, 29, -13, 122, 24, 85, 87, ~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 2.1, 3.9, 3.9, -1.8, 11.5, 4.2, 11~
## $ oty_avg_annual_pay_chg             <dbl> 603, 1507, 1507, -684, 6318, 1250,~
## $ oty_avg_annual_pay_pct_chg         <dbl> 2.0, 3.9, 3.9, -1.8, 11.4, 4.2, 11~
## Fips loop: 2.795 sec elapsed
## [1] "'Middle' loop with FIPS = 06073"

## Rows: 1656 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,656
## Columns: 43
## $ area_fips                          <chr> "06073", "06073", "06073", "06073"~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "San Diego County, California", "S~
```

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## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 72454, 195, 195, 47, 7, 3, 18, 2, ~
## $ annual_avg_emplvl                <dbl> 980995, 43567, 43567, 8272, 410, 2~
## $ total_annual_wages               <dbl> 27285905354, 1642819127, 164281912~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 535, 725, 725, 695, 510, 738, 211,~
## $ avg_annual_pay                   <dbl> 27815, 37708, 37708, 36156, 26503,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.38, 0.38, 0.25, 0.57, 0.64~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 1.73, 1.78, 1.02, 0.76, 0.92~
## $ lq_total_annual_wages            <dbl> 1.00, 1.73, 1.78, 1.05, 0.55, 0.89~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.00, 1.00, 1.03, 0.73, 0.97~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.00, 1.00, 1.03, 0.73, 0.97~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 4688, 10, 10, 0, 0, 0, 1, 0, 10, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 6.9, 5.4, 5.4, 0.0, 0.0, 0.0, 5.9,~
## $ oty_annual_avg_emplvl_chg        <dbl> 19258, 422, 422, 457, -101, 496, -~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 2.0, 1.0, 1.0, 5.8, -19.8, 31.3, -~
## $ oty_total_annual_wages_chg       <dbl> 981136475, -31168732, -31168732, -~
## $ oty_total_annual_wages_pct_chg   <dbl> 3.7, -1.9, -1.9, -17.2, -6.3, 42.6~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 9, -21, -21, -194, 74, 58, 2, 74, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 1.7, -2.8, -2.8, -21.8, 17.0, 8.5,~
## $ oty_avg_annual_pay_chg           <dbl> 464, -1091, -1091, -10080, 3827, 3~
## $ oty_avg_annual_pay_pct_chg       <dbl> 1.7, -2.8, -2.8, -21.8, 16.9, 8.5,~
## Fips loop: 2.738 sec elapsed
## [1] "'Middle' loop with FIPS = 06075"

## Rows: 1188 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,188
## Columns: 43
## $ area_fips                        <chr> "06075", "06075", "06075", "06075"~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1022",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                          <chr> "San Francisco County, California"~
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 38878, 88, 87, 4, 2, 3, 3, 1, 7, 6~
## $ annual_avg_emplvl                   <dbl> 528833, 21505, 20917, 7543, 47, 42~
## $ total_annual_wages                  <dbl> 20999120508, 949945122, 928565635,~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 764, 850, 854, 749, 784, 1242, 993~
## $ avg_annual_pay                      <dbl> 39708, 44174, 44392, 38963, 40749,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 0.32, 0.32, 0.04, 5.09, 0.31~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 1.59, 1.59, 1.73, 0.87, 3.39~
## $ lq_total_annual_wages               <dbl> 1.00, 1.30, 1.30, 1.35, 0.54, 3.21~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 0.82, 0.82, 0.78, 0.62, 0.95~
## $ lq_avg_annual_pay                   <dbl> 1.00, 0.82, 0.82, 0.78, 0.62, 0.95~
## $ oty_disclosure_code                 <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 2405, -10, -10, -1, 0, 0, -1, 0, -~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 6.6, -10.2, -10.3, -20.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg           <dbl> 2963, -639, -521, 1592, -777, -125~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 0.6, -2.9, -2.4, 26.8, -94.3, -22.~
## $ oty_total_annual_wages_chg          <dbl> 848078698, -119745159, -116732900,~
## $ oty_total_annual_wages_pct_chg      <dbl> 4.2, -11.2, -11.2, -17.9, -92.9, -~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 27, -79, -84, -408, 151, 65, 91, -~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 3.7, -8.5, -9.0, -35.3, 23.9, 5.5,~
## $ oty_avg_annual_pay_chg              <dbl> 1389, -4132, -4368, -21201, 7814, ~
## $ oty_avg_annual_pay_pct_chg          <dbl> 3.6, -8.6, -9.0, -35.2, 23.7, 5.5,~
## Fips loop: 2.77 sec elapsed
## [1] "'Middle' loop with FIPS = 06079"

## Rows: 667 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 667
## Columns: 43
## $ area_fips                           <chr> "06079", "06079", "06079", "06079"~
```

```
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "San Luis Obispo County, Californi~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 7341, 44, 44, 18, 1, 23, 18, 18, 1~
## $ annual_avg_emplvl                 <dbl> 78111, 520, 520, 390, 0, 124, 390,~
## $ total_annual_wages                <dbl> 1798945160, 17771526, 17771526, 12~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 443, 657, 657, 622, 0, 764, 622, 6~
## $ avg_annual_pay                    <dbl> 23031, 34171, 34171, 32355, 0, 397~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.84, 0.85, 0.93, 0.81, 0.82~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.26, 0.27, 0.60, 0.00, 0.12~
## $ lq_total_annual_wages             <dbl> 1.00, 0.28, 0.29, 0.67, 0.00, 0.15~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.09, 1.09, 1.12, 0.00, 1.20~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.09, 1.09, 1.12, 0.00, 1.20~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 486, -3, -3, -1, 0, -2, -1, -1, -1~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 7.1, -6.4, -6.4, -5.3, 0.0, -8.0, ~
## $ oty_annual_avg_emplvl_chg         <dbl> 1398, -207, -207, -2, -1, -203, -2~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 1.8, -28.5, -28.5, -0.5, -100.0, -~
## $ oty_total_annual_wages_chg        <dbl> 81111691, -5230350, -5230350, -134~
## $ oty_total_annual_wages_pct_chg    <dbl> 4.7, -22.7, -22.7, -1.1, -100.0, -~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 12, 49, 49, -3, -241, 175, -3, -3,~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 2.8, 8.1, 8.1, -0.5, -100.0, 29.7,~
## $ oty_avg_annual_pay_chg            <dbl> 638, 2535, 2535, -165, -12534, 905~
## $ oty_avg_annual_pay_pct_chg        <dbl> 2.8, 8.0, 8.0, -0.5, -100.0, 29.6,~
## Fips loop: 1.927 sec elapsed
## [1] "'Middle' loop with FIPS = 06081"

## Rows: 1077 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,077
## Columns: 43
## $ area_fips                         <chr> "06081", "06081", "06081", "06081"~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1027",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "San Mateo County, California", "S~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 23078, 68, 67, 24, 1, 39, 24, 24, ~
## $ annual_avg_emplvl                 <dbl> 300725, 4004, 3987, 2235, 42, 1703~
## $ total_annual_wages                <dbl> 11179878272, 172490244, 171944768,~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 715, 829, 829, 829, 778, 831, 829,~
## $ avg_annual_pay                    <dbl> 37176, 43083, 43125, 43109, 40456,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.41, 0.41, 0.40, 2.65, 0.44~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.52, 0.53, 0.90, 1.88, 0.44~
## $ lq_total_annual_wages             <dbl> 1.00, 0.44, 0.45, 0.83, 2.49, 0.36~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 0.85, 0.85, 0.92, 1.33, 0.81~
## $ lq_avg_annual_pay                 <dbl> 1.00, 0.85, 0.85, 0.92, 1.33, 0.81~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 1778, 5, 5, 0, 0, 4, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 8.3, 7.9, 8.1, 0.0, 0.0, 11.4, 0.0~
## $ oty_annual_avg_emplvl_chg         <dbl> 7561, -192, -192, 95, 15, -271, 95~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 2.6, -4.6, -4.6, 4.4, 55.6, -13.7,~
## $ oty_total_annual_wages_chg        <dbl> 696846048, -3310231, -3293526, 302~
## $ oty_total_annual_wages_pct_chg    <dbl> 6.6, -1.9, -1.9, 3.2, 54.4, -6.6, ~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 27, 23, 23, -10, 5, 64, -10, -10, ~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.9, 2.9, 2.9, -1.2, 0.6, 8.3, -1.~
## $ oty_avg_annual_pay_chg            <dbl> 1418, 1184, 1194, -498, 238, 3298,~
## $ oty_avg_annual_pay_pct_chg        <dbl> 4.0, 2.8, 2.8, -1.1, 0.6, 8.3, -1.~
## Fips loop: 2.747 sec elapsed
## [1] "'Middle' loop with FIPS = 06083"

## Rows: 892 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
```

```
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 892
## Columns: 43
## $ area_fips                        <chr> "06083", "06083", "06083", "06083"~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Santa Barbara County, California"~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 12487, 61, 61, 19, 5, 2, 35, 2, 2,~
## $ annual_avg_emplvl                <dbl> 156901, 3394, 3394, 1479, 28, 292,~
## $ total_annual_wages               <dbl> 4058571493, 100101236, 100101236, ~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 497, 567, 567, 624, 688, 196, 580,~
## $ avg_annual_pay                   <dbl> 25867, 29493, 29493, 32455, 35782,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.69, 0.69, 0.58, 2.38, 1.13~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.85, 0.87, 1.14, 0.32, 3.62~
## $ lq_total_annual_wages            <dbl> 1.00, 0.71, 0.73, 1.14, 0.34, 2.01~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.84, 0.84, 1.00, 1.06, 0.56~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.84, 0.84, 1.00, 1.06, 0.56~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 769, 3, 3, 1, 0, 0, 2, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 6.6, 5.2, 5.2, 5.6, 0.0, 0.0, 6.1,~
## $ oty_annual_avg_emplvl_chg        <dbl> 1546, -284, -284, -17, -8, 70, -32~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 1.0, -7.7, -7.7, -1.1, -22.2, 31.5~
## $ oty_total_annual_wages_chg       <dbl> 91427178, -12903874, -12903874, -1~
## $ oty_total_annual_wages_pct_chg   <dbl> 2.3, -11.4, -11.4, -0.4, -16.8, 26~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 6, -24, -24, 5, 43, -7, -32, 38, 3~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 1.2, -4.1, -4.1, 0.8, 6.7, -3.4, -~
## $ oty_avg_annual_pay_chg           <dbl> 331, -1228, -1228, 256, 2260, -393~
## $ oty_avg_annual_pay_pct_chg       <dbl> 1.3, -4.0, -4.0, 0.8, 6.7, -3.7, -~
## Fips loop: 2.515 sec elapsed
## [1] "'Middle' loop with FIPS = 06085"
```

```
## Rows: 1374 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,374
## Columns: 43
## $ area_fips                      <chr> "06085", "06085", "06085", "06085"~
## $ own_code                       <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                  <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                    <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Santa Clara County, California", ~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 46295, 83, 83, 20, 3, 1, 4, 53, 1,~
## $ annual_avg_emplvl              <dbl> 834956, 13672, 13672, 5469, 176, 3~
## $ total_annual_wages             <dbl> 35812610760, 602321285, 602321285,~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 825, 847, 847, 721, 603, 862, 373,~
## $ avg_annual_pay                 <dbl> 42892, 44055, 44055, 37494, 31361,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 0.25, 0.25, 0.16, 0.39, 0.33~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 0.64, 0.66, 0.79, 0.38, 1.83~
## $ lq_total_annual_wages          <dbl> 1.00, 0.48, 0.50, 0.55, 0.21, 1.35~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 0.75, 0.75, 0.69, 0.56, 0.74~
## $ lq_avg_annual_pay              <dbl> 1.00, 0.75, 0.75, 0.69, 0.56, 0.74~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 3234, 5, 5, 0, 0, -1, 0, 5, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 7.5, 6.4, 6.4, 0.0, 0.0, -50.0, 0.~
## $ oty_annual_avg_emplvl_chg      <dbl> 23805, -473, -473, -71, -12, 85, -~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> 2.9, -3.3, -3.3, -1.3, -6.4, 2.5, ~
## $ oty_total_annual_wages_chg     <dbl> 4091316284, -1115869, -1115869, -3~
## $ oty_total_annual_wages_pct_chg <dbl> 12.9, -0.2, -0.2, -1.6, 0.7, 5.9, ~
## $ oty_taxable_annual_wages_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg   <dbl> 73, 27, 27, -3, 43, 28, 31, 63, 87~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 9.7, 3.3, 3.3, -0.4, 7.7, 3.4, 9.1~
```

```
## $ oty_avg_annual_pay_chg                     <dbl> 3785, 1393, 1393, -131, 2249, 1431~
## $ oty_avg_annual_pay_pct_chg                 <dbl> 9.7, 3.3, 3.3, -0.3, 7.7, 3.3, 9.1~
## Fips loop: 2.752 sec elapsed
## [1] "'Middle' loop with FIPS = 06087"

## Rows: 686 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 686
## Columns: 43
## $ area_fips                          <chr> "06087", "06087", "06087", "06087"~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Santa Cruz County, California", "~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 8005, 28, 28, 13, 14, 13, 13, 13, ~
## $ annual_avg_emplvl                  <dbl> 95160, 561, 561, 489, 72, 489, 489~
## $ total_annual_wages                 <dbl> 2383942771, 20413892, 20413892, 17~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 482, 700, 700, 684, 797, 684, 684,~
## $ avg_annual_pay                     <dbl> 25052, 36394, 36394, 35576, 41433,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 0.49, 0.49, 0.62, 0.46, 0.63~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.23, 0.24, 0.62, 0.06, 0.67~
## $ lq_total_annual_wages              <dbl> 1.00, 0.25, 0.25, 0.70, 0.07, 0.74~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.07, 1.07, 1.13, 1.15, 1.10~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.07, 1.07, 1.13, 1.15, 1.10~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 505, -3, -3, 0, -3, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 6.7, -9.7, -9.7, 0.0, -17.6, 0.0, ~
## $ oty_annual_avg_emplvl_chg          <dbl> 1131, 11, 11, 11, 1, 11, 11, 11, 1~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 1.2, 2.0, 2.0, 2.3, 1.4, 2.3, 2.3,~
## $ oty_total_annual_wages_chg         <dbl> 113171498, -209465, -209465, -2859~
## $ oty_total_annual_wages_pct_chg     <dbl> 5.0, -1.0, -1.0, -1.6, 0.5, -1.6, ~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 18, -22, -22, -27, 2, -27, -27, -2~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 3.9, -3.0, -3.0, -3.8, 0.3, -3.8, ~
## $ oty_avg_annual_pay_chg               <dbl> 902, -1137, -1137, -1385, 76, -138~
## $ oty_avg_annual_pay_pct_chg           <dbl> 3.7, -3.0, -3.0, -3.7, 0.2, -3.7, ~
## Fips loop: 1.95 sec elapsed
## [1] "'Middle' loop with FIPS = 06095"

## Rows: 678 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 678
## Columns: 43
## $ area_fips                        <chr> "06095", "06095", "06095", "06095"~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1025",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Solano County, California", "Sola~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 7939, 44, 44, 13, 1, 1, 27, 2, 2, ~
## $ annual_avg_emplvl                <dbl> 101726, 8800, 6958, 1595, 422, 0, ~
## $ total_annual_wages               <dbl> 2622909647, 307722474, 222850604, ~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 496, 672, 616, 498, 223, 762, 694,~
## $ avg_annual_pay                   <dbl> 25784, 34969, 32027, 25874, 11622,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.78, 0.78, 0.62, 1.93, 7.70~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 3.38, 2.74, 1.90, 1.79, 0.00~
## $ lq_total_annual_wages            <dbl> 1.00, 3.37, 2.51, 1.51, 0.57, 0.02~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.00, 0.91, 0.80, 0.32, 1.88~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.00, 0.91, 0.80, 0.32, 1.88~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, "N", NA, NA, NA, N~
## $ oty_annual_avg_estabs_count_chg  <dbl> 603, -1, 0, 0, 0, 0, 2, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 8.2, -2.2, 0.0, 0.0, 0.0, 0.0, 8.0~
## $ oty_annual_avg_emplvl_chg        <dbl> -2639, -4404, -1628, 127, 0, -1, -~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> -2.5, -33.4, -19.0, 8.7, 0.0, -100~
```

```
## $ oty_total_annual_wages_chg          <dbl> -178179584, -222032131, -81661638,~
## $ oty_total_annual_wages_pct_chg      <dbl> -6.4, -41.9, -26.8, 2.2, 0.0, -60.~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> -20, -100, -66, -31, 0, 602, -29, ~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> -3.9, -13.0, -9.7, -5.9, 0.0, 376.~
## $ oty_avg_annual_pay_chg              <dbl> -1055, -5151, -3440, -1624, 0, 312~
## $ oty_avg_annual_pay_pct_chg          <dbl> -3.9, -12.8, -9.7, -5.9, 0.0, 374.~
## Fips loop: 1.895 sec elapsed
## [1] "'Middle' loop with FIPS = 06097"

## Rows: 973 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 973
## Columns: 43
## $ area_fips                     <chr> "06097", "06097", "06097", "06097"~
## $ own_code                      <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                 <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                   <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                          <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                           <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                    <chr> "Sonoma County, California", "Sono~
## $ own_title                     <chr> "Total Covered", "Federal Governme~
## $ industry_title                <chr> "Total, all industries", "Total, a~
## $ agglvl_title                  <chr> "County, Total Covered", "County, ~
## $ size_title                    <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count       <dbl> 15527, 62, 62, 28, 1, 3, 31, 28, 1~
## $ annual_avg_emplvl             <dbl> 153880, 1899, 1899, 1530, 9, 54, 3~
## $ total_annual_wages            <dbl> 4033491484, 68507328, 68507328, 55~
## $ taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage          <dbl> 504, 694, 694, 696, 807, 688, 681,~
## $ avg_annual_pay                <dbl> 26212, 36082, 36082, 36190, 41950,~
## $ lq_disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count    <dbl> 1.00, 0.56, 0.56, 0.69, 0.26, 1.15~
## $ lq_annual_avg_emplvl          <dbl> 1.00, 0.48, 0.50, 1.20, 0.25, 0.64~
## $ lq_total_annual_wages         <dbl> 1.00, 0.49, 0.50, 1.32, 0.24, 0.66~
## $ lq_taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage       <dbl> 1.00, 1.01, 1.01, 1.10, 0.93, 1.04~
## $ lq_avg_annual_pay             <dbl> 1.00, 1.01, 1.01, 1.10, 0.93, 1.04~
## $ oty_disclosure_code           <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg     <dbl> 1044, -1, -1, -1, 0, 0, 2, -1, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 7.2, -1.6, -1.6, -3.4, 0.0, 0.0, 6~
## $ oty_annual_avg_emplvl_chg           <dbl> 3661, 38, 38, 13, -3, -3, 29, 13, ~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 2.4, 2.0, 2.0, 0.9, -25.0, -5.3, 1~
## $ oty_total_annual_wages_chg          <dbl> 254512680, 532116, 532116, -895925~
## $ oty_total_annual_wages_pct_chg      <dbl> 6.7, 0.8, 0.8, -1.6, -11.6, 0.4, 1~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 20, -8, -8, -18, 120, 35, 29, -18,~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 4.1, -1.1, -1.1, -2.5, 17.5, 5.4, ~
## $ oty_avg_annual_pay_chg              <dbl> 1056, -447, -447, -914, 6200, 1812~
## $ oty_avg_annual_pay_pct_chg          <dbl> 4.2, -1.2, -1.2, -2.5, 17.3, 5.3, ~
## Fips loop: 2.661 sec elapsed
## [1] "'Middle' loop with FIPS = 06111"

## Rows: 1099 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,099
## Columns: 43
## $ area_fips                 <chr> "06111", "06111", "06111", "06111"~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 74~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Ventura County, California", "Ven~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 18619, 65, 65, 16, 3, 5, 40, 1, 15~
## $ annual_avg_emplvl         <dbl> 251919, 10450, 10450, 1425, 12, 44~
## $ total_annual_wages        <dbl> 6871284387, 405847717, 405847717, ~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage      <dbl> 525, 747, 747, 673, 712, 268, 784,~
## $ avg_annual_pay            <dbl> 27276, 38839, 38839, 35004, 37023,~
## $ lq_disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 0.49, 0.49, 0.33, 0.96, 1.90~
## $ lq_annual_avg_emplvl      <dbl> 1.00, 1.62, 1.66, 0.68, 0.09, 3.43~
## $ lq_total_annual_wages     <dbl> 1.00, 1.69, 1.74, 0.70, 0.09, 2.47~
## $ lq_taxable_annual_wages   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 1.05, 1.05, 1.02, 1.04, 0.72~
## $ lq_avg_annual_pay                   <dbl> 1.00, 1.05, 1.05, 1.02, 1.04, 0.72~
## $ oty_disclosure_code                 <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 1452, 3, 3, -1, 0, 0, 3, 0, -1, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 8.5, 4.8, 4.8, -5.9, 0.0, 0.0, 8.1~
## $ oty_annual_avg_emplvl_chg           <dbl> 2349, -514, -514, 5, -5, -41, -473~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 0.9, -4.7, -4.7, 0.4, -29.4, -8.5,~
## $ oty_total_annual_wages_chg          <dbl> 153701513, -18228803, -18228803, -~
## $ oty_total_annual_wages_pct_chg      <dbl> 2.3, -4.3, -4.3, -1.4, -23.1, 0.2,~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 7, 3, 3, -12, 75, 23, 4, -116, -12~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 1.4, 0.4, 0.4, -1.8, 11.8, 9.4, 0.~
## $ oty_avg_annual_pay_chg              <dbl> 359, 159, 159, -616, 3885, 1195, 2~
## $ oty_avg_annual_pay_pct_chg          <dbl> 1.3, 0.4, 0.4, -1.7, 11.7, 9.4, 0.~
## Fips loop: 2.774 sec elapsed
## [1] "'Middle' loop with FIPS = 09001"

## Rows: 1251 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,251
## Columns: 43
## $ area_fips                           <chr> "09001", "09001", "09001", "09001"~
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                       <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                          <chr> "Fairfield County, Connecticut", "~
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 30661, 92, 92, 39, 1, 2, 2, 48, 39~
## $ annual_avg_emplvl                   <dbl> 395615, 4283, 4283, 3493, 1, 3, 6,~
## $ total_annual_wages                  <dbl> 17054479669, 177161938, 177161938,~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 829, 796, 796, 778, 1711, 702, 714~
## $ avg_annual_pay                      <dbl> 43109, 41366, 41366, 40476, 88970,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.42, 0.42, 0.48, 0.13, 0.39~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.42, 0.43, 1.07, 0.01, 0.01~
## $ lq_total_annual_wages            <dbl> 1.00, 0.30, 0.31, 0.80, 0.02, 0.01~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.71, 0.71, 0.75, 1.20, 0.65~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.70, 0.71, 0.75, 1.20, 0.65~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 262, 2, 2, 0, 0, 0, 0, 2, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.9, 2.2, 2.2, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 6175, -37, -37, -34, -4, -1, 0, 3,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 1.6, -0.9, -0.9, -1.0, -80.0, -25.~
## $ oty_total_annual_wages_chg       <dbl> 1414841636, 3654018, 3654018, 2407~
## $ oty_total_annual_wages_pct_chg   <dbl> 9.0, 2.1, 2.1, 1.7, -70.6, -42.8, ~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 57, 24, 24, 20, 307, -266, 105, 37~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 7.4, 3.1, 3.1, 2.6, 21.9, -27.5, 1~
## $ oty_avg_annual_pay_chg           <dbl> 2950, 1201, 1201, 1076, 15969, -13~
## $ oty_avg_annual_pay_pct_chg       <dbl> 7.3, 3.0, 3.0, 2.7, 21.9, -27.5, 1~
## Fips loop: 2.788 sec elapsed
## [1] "'Middle' loop with FIPS = 09007"

## Rows: 545 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 545
## Columns: 43
## $ area_fips                        <chr> "09007", "09007", "09007", "09007"~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Middlesex County, Connecticut", "~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 4429, 46, 46, 21, 3, 22, 21, 21, 2~
## $ annual_avg_emplvl                <dbl> 61316, 351, 351, 280, 48, 23, 280,~
## $ total_annual_wages               <dbl> 1925991698, 13973285, 13973285, 11~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 604, 765, 765, 760, 825, 696, 760,~
## $ avg_annual_pay                   <dbl> 31411, 39772, 39772, 39525, 42914,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 1.46, 1.47, 1.81, 2.75, 1.30~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.22, 0.23, 0.55, 3.32, 0.03~
## $ lq_total_annual_wages            <dbl> 1.00, 0.21, 0.21, 0.55, 2.66, 0.02~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.93, 0.93, 1.00, 0.80, 0.80~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.93, 0.93, 1.00, 0.80, 0.80~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 49, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.1, 2.2, 2.2, 0.0, 0.0, 4.8, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 736, -3, -3, 0, -1, -1, 0, 0, 0, 0~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 1.2, -0.8, -0.8, 0.0, -2.0, -4.2, ~
## $ oty_total_annual_wages_chg       <dbl> 43666853, 439845, 439845, 143314, ~
## $ oty_total_annual_wages_pct_chg   <dbl> 2.3, 3.3, 3.3, 1.3, 11.7, 10.5, 1.~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 6, 29, 29, 11, 101, 84, 11, 11, 11~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 1.0, 3.9, 3.9, 1.5, 14.0, 13.7, 1.~
## $ oty_avg_annual_pay_chg           <dbl> 339, 1488, 1488, 582, 5259, 4366, ~
## $ oty_avg_annual_pay_pct_chg       <dbl> 1.1, 3.9, 3.9, 1.5, 14.0, 13.7, 1.~
## Fips loop: 1.568 sec elapsed
## [1] "'Middle' loop with FIPS = 09009"

## Rows: 1201 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,201
## Columns: 43
## $ area_fips                        <chr> "09009", "09009", "09009", "09009"~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "New Haven County, Connecticut", "~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
```

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```
## $ annual_avg_estabs_count        <dbl> 22083, 104, 104, 32, 2, 1, 1, 66, ~
## $ annual_avg_emplvl              <dbl> 341160, 6566, 6566, 3686, 7, 39, 2~
## $ total_annual_wages             <dbl> 10637041553, 257291181, 257291181,~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 600, 754, 754, 759, 1532, 855, 684~
## $ avg_annual_pay                 <dbl> 31179, 39186, 39186, 39486, 79672,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 0.66, 0.67, 0.55, 0.37, 0.27~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 0.75, 0.77, 1.31, 0.09, 0.21~
## $ lq_total_annual_wages          <dbl> 1.00, 0.69, 0.71, 1.32, 0.14, 0.23~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 0.92, 0.92, 1.00, 1.49, 1.09~
## $ lq_avg_annual_pay              <dbl> 1.00, 0.92, 0.92, 1.01, 1.49, 1.09~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> -43, 3, 3, 0, 0, 0, 0, 3, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -0.2, 3.0, 3.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg      <dbl> 3750, 101, 101, 53, -1, -1, 19, 30~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> 1.1, 1.6, 1.6, 1.5, -12.5, -2.5, 1~
## $ oty_total_annual_wages_chg     <dbl> 412391787, 10987010, 10987010, 542~
## $ oty_total_annual_wages_pct_chg <dbl> 4.0, 4.5, 4.5, 3.9, 2.2, 4.0, 4.3,~
## $ oty_taxable_annual_wages_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg   <dbl> 17, 21, 21, 17, 141, 49, 22, 31, 1~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.9, 2.9, 2.9, 2.3, 10.1, 6.1, 3.3~
## $ oty_avg_annual_pay_chg         <dbl> 876, 1087, 1087, 910, 7365, 2529, ~
## $ oty_avg_annual_pay_pct_chg     <dbl> 2.9, 2.9, 2.9, 2.4, 10.2, 6.0, 3.3~
## Fips loop: 2.806 sec elapsed
## [1] "'Middle' loop with FIPS = 09011"

## Rows: 619 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (9): area_fips, industry_code, qtr, area_title, own_title, industry_tit...
## dbl (32): own_code, agglvl_code, size_code, year, annual_avg_estabs_count, a...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 619
## Columns: 43
## $ area_fips            <chr> "09011", "09011", "09011", "09011"~
## $ own_code             <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code        <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code          <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                 <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                  <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code      <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title           <chr> "New London County, Connecticut", ~
```

```
## $ own_title                             <chr> "Total Covered", "Federal Governme~
## $ industry_title                        <chr> "Total, all industries", "Total, a~
## $ agglvl_title                          <chr> "County, Total Covered", "County, ~
## $ size_title                            <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count               <dbl> 6440, 79, 79, 35, 1, 1, 41, 1, 1, ~
## $ annual_avg_emplvl                     <dbl> 115580, 3833, 3833, 790, 5, 153, 2~
## $ total_annual_wages                    <dbl> 3573577858, 141359031, 141359031, ~
## $ taxable_annual_wages                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                  <dbl> 595, 709, 709, 572, 577, 866, 739,~
## $ avg_annual_pay                        <dbl> 30919, 36882, 36882, 29758, 29992,~
## $ lq_disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count            <dbl> 1.00, 1.72, 1.73, 2.07, 0.63, 2.38~
## $ lq_annual_avg_emplvl                  <dbl> 1.00, 1.30, 1.33, 0.83, 0.18, 0.57~
## $ lq_total_annual_wages                 <dbl> 1.00, 1.14, 1.17, 0.63, 0.09, 0.59~
## $ lq_taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage               <dbl> 1.00, 0.88, 0.88, 0.76, 0.56, 1.03~
## $ lq_avg_annual_pay                     <dbl> 1.00, 0.88, 0.88, 0.76, 0.56, 1.03~
## $ oty_disclosure_code                   <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg       <dbl> 5, 4, 4, 0, 0, 0, 3, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg   <dbl> 0.1, 5.3, 5.3, 0.0, 0.0, 0.0, 7.9,~
## $ oty_annual_avg_emplvl_chg             <dbl> 3284, -203, -203, -29, 1, -7, -167~
## $ oty_annual_avg_emplvl_pct_chg         <dbl> 2.9, -5.0, -5.0, -3.5, 25.0, -4.4,~
## $ oty_total_annual_wages_chg            <dbl> 201129350, -4374014, -4374014, 664~
## $ oty_total_annual_wages_pct_chg        <dbl> 6.0, -3.0, -3.0, 2.9, 3.4, 1.9, -4~
## $ oty_taxable_annual_wages_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 17, 15, 15, 36, -25, 56, 8, 25, 25~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 2.9, 2.2, 2.2, 6.7, -4.2, 6.9, 1.1~
## $ oty_avg_annual_pay_chg                <dbl> 887, 777, 777, 1872, -1327, 2871, ~
## $ oty_avg_annual_pay_pct_chg            <dbl> 3.0, 2.2, 2.2, 6.7, -4.2, 6.8, 1.1~
## Fips loop: 1.769 sec elapsed
## [1] "'Middle' loop with FIPS = 10001"

## Rows: 346 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 346
## Columns: 43
## $ area_fips                             <dbl> 10001, 10001, 10001, 10001, 10001,~
## $ own_code                              <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                         <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                           <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Kent County, Delaware", "Kent Cou~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 2466, 33, 33, 7, 1, 2, 5, 18, 1, 1~
## $ annual_avg_emplvl               <dbl> 47749, 1986, 1986, 472, 15, 29, 22~
## $ total_annual_wages              <dbl> 1101525004, 49290163, 49290163, 11~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 444, 477, 477, 463, 730, 433, 195,~
## $ avg_annual_pay                  <dbl> 23069, 24814, 24814, 24094, 37955,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 1.88, 1.89, 1.08, 1.65, 4.82~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 1.62, 1.67, 1.20, 1.33, 1.10~
## $ lq_total_annual_wages           <dbl> 1.00, 1.28, 1.32, 0.99, 1.31, 0.81~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 0.79, 0.79, 0.83, 0.96, 0.74~
## $ lq_avg_annual_pay               <dbl> 1.00, 0.79, 0.79, 0.83, 0.96, 0.75~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 47, 1, 1, 0, -1, 0, 0, 2, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.9, 3.1, 3.1, 0.0, -50.0, 0.0, 0.~
## $ oty_annual_avg_emplvl_chg       <dbl> 1006, -116, -116, -22, -3, 7, -28,~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 2.2, -5.5, -5.5, -4.5, -16.7, 31.8~
## $ oty_total_annual_wages_chg      <dbl> 86503914, -1384924, -1384924, 1843~
## $ oty_total_annual_wages_pct_chg  <dbl> 8.5, -2.7, -2.7, 1.6, -12.8, 53.8,~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 26, 13, 13, 28, 30, 74, 19, 3, 21,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 6.2, 2.8, 2.8, 6.4, 4.3, 20.6, 10.~
## $ oty_avg_annual_pay_chg          <dbl> 1354, 704, 704, 1463, 1536, 3836, ~
## $ oty_avg_annual_pay_pct_chg      <dbl> 6.2, 2.9, 2.9, 6.5, 4.2, 20.5, 11.~
## Fips loop: 1.042 sec elapsed
## [1] "'Middle' loop with FIPS = 10003"

## Rows: 784 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 784
## Columns: 43
## $ area_fips                       <dbl> 10003, 10003, 10003, 10003, 10003,~
```

```
## $ own_code                             <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                        <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                          <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                 <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                  <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                      <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                           <chr> "New Castle County, Delaware", "Ne~
## $ own_title                            <chr> "Total Covered", "Federal Governme~
## $ industry_title                       <chr> "Total, all industries", "Total, a~
## $ agglvl_title                         <chr> "County, Total Covered", "County, ~
## $ size_title                           <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count              <dbl> 12867, 39, 39, 8, 4, 2, 1, 25, 8, ~
## $ annual_avg_emplvl                    <dbl> 250321, 3289, 3289, 1789, 20, 6, 6~
## $ total_annual_wages                   <dbl> 7989432082, 130969231, 130969231, ~
## $ taxable_annual_wages                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                 <dbl> 614, 766, 766, 721, 836, 782, 940,~
## $ avg_annual_pay                       <dbl> 31917, 39816, 39816, 37475, 43469,~
## $ lq_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count           <dbl> 1.00, 0.43, 0.43, 0.24, 1.26, 0.92~
## $ lq_annual_avg_emplvl                 <dbl> 1.00, 0.51, 0.53, 0.86, 0.34, 0.04~
## $ lq_total_annual_wages                <dbl> 1.00, 0.47, 0.48, 0.81, 0.27, 0.04~
## $ lq_taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 0.92, 0.92, 0.93, 0.79, 0.97~
## $ lq_avg_annual_pay                    <dbl> 1.00, 0.92, 0.92, 0.93, 0.79, 0.97~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 555, 2, 2, 0, 1, 1, 0, 1, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 4.5, 5.4, 5.4, 0.0, 33.3, 100.0, 0~
## $ oty_annual_avg_emplvl_chg            <dbl> 7281, 86, 86, 53, 8, 0, -12, 38, 5~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 3.0, 2.7, 2.7, 3.1, 66.7, 0.0, -1.~
## $ oty_total_annual_wages_chg           <dbl> 549478336, 3387322, 3387322, -1346~
## $ oty_total_annual_wages_pct_chg       <dbl> 7.4, 2.7, 2.7, -2.0, 98.3, -9.7, 3~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 25, 0, 0, -37, 140, -12, 45, 47, -~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 4.2, 0.0, 0.0, -4.9, 20.1, -1.5, 5~
## $ oty_avg_annual_pay_chg               <dbl> 1305, -20, -20, -1920, 7286, -624,~
## $ oty_avg_annual_pay_pct_chg           <dbl> 4.3, -0.1, -0.1, -4.9, 20.1, -1.5,~
## Fips loop: 2.198 sec elapsed
## [1] "'Middle' loop with FIPS = 10005"

## Rows: 325 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 325
## Columns: 43
## $ area_fips                         <dbl> 10005, 10005, 10005, 10005, 10005,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1023", "1028",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Sussex County, Delaware", "Sussex~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 3596, 28, 28, 3, 15, 3, 3, 3, 3, 3~
## $ annual_avg_emplvl                 <dbl> 52960, 479, 479, 36, 152, 36, 36, ~
## $ total_annual_wages                <dbl> 1072734621, 15998905, 15998905, 13~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 390, 642, 642, 702, 643, 702, 702,~
## $ avg_annual_pay                    <dbl> 20255, 33389, 33389, 36487, 33443,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 1.09, 1.10, 3.39, 1.09, 3.41~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.35, 0.36, 2.88, 0.22, 2.93~
## $ lq_total_annual_wages             <dbl> 1.00, 0.43, 0.44, 3.04, 0.26, 3.05~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.21, 1.21, 1.05, 1.15, 1.03~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.21, 1.21, 1.05, 1.15, 1.03~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 136, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.9, 3.7, 3.7, 50.0, 0.0, 50.0, 50~
## $ oty_annual_avg_emplvl_chg         <dbl> 2413, -5, -5, -3, -10, -3, -3, -3,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 4.8, -1.0, -1.0, -7.7, -6.2, -7.7,~
## $ oty_total_annual_wages_chg        <dbl> 71022610, 105117, 105117, 107027, ~
## $ oty_total_annual_wages_pct_chg    <dbl> 7.1, 0.7, 0.7, 8.8, -3.1, 8.8, 8.8~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 9, 10, 10, 103, 20, 103, 103, 103,~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 2.4, 1.6, 1.6, 17.2, 3.2, 17.2, 17~
## $ oty_avg_annual_pay_chg            <dbl> 438, 539, 539, 5317, 1054, 5317, 5~
## $ oty_avg_annual_pay_pct_chg        <dbl> 2.2, 1.6, 1.6, 17.1, 3.3, 17.1, 17~
## Fips loop: 0.994 sec elapsed
## [1] "'Middle' loop with FIPS = 11001"

## Rows: 850 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 850
## Columns: 43
## $ area_fips                         <dbl> 11001, 11001, 11001, 11001, 11001,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "101", "1013", "102", ~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 72, 73, 73, 73, 73~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "District of Columbia", "District ~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 24815, 255, 3, 3, 252, 9, 3, 9, 8,~
## $ annual_avg_emplvl                 <dbl> 626316, 206798, 6399, 6399, 200399~
## $ total_annual_wages                <dbl> 26595973437, 10622229994, 30893260~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 817, 988, 928, 928, 990, 794, 867,~
## $ avg_annual_pay                    <dbl> 42464, 51365, 48279, 48279, 51464,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 1.44, 3.92, 17.00, 1.43, 0.1~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 12.90, 15.15, 17.15, 12.84, ~
## $ lq_total_annual_wages             <dbl> 1.00, 11.46, 12.34, 13.91, 11.44, ~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 0.89, 0.81, 0.81, 0.89, 0.77~
## $ lq_avg_annual_pay                 <dbl> 1.00, 0.89, 0.81, 0.81, 0.89, 0.77~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 681, 15, 0, 0, 15, 0, 0, 1, 1, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.8, 6.2, 0.0, 0.0, 6.3, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> -15739, -10592, -357, -357, -10236~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> -2.5, -4.9, -5.3, -5.3, -4.9, 0.5,~
## $ oty_total_annual_wages_chg        <dbl> 230406321, -88469645, -26798686, -~
## $ oty_total_annual_wages_pct_chg    <dbl> 0.9, -0.8, -8.0, -8.0, -0.6, -0.6,~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 27, 41, -28, -28, 43, -9, -65, -3,~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.4, 4.3, -2.9, -2.9, 4.5, -1.1, -~
## $ oty_avg_annual_pay_chg            <dbl> 1400, 2096, -1417, -1417, 2208, -4~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.4, 4.3, -2.9, -2.9, 4.5, -1.1, -~
## Fips loop: 2.345 sec elapsed
## [1] "'Middle' loop with FIPS = 12005"
```

```
## Rows: 538 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 538
## Columns: 43
## $ area_fips                        <dbl> 12005, 12005, 12005, 12005, 12005,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Bay County, Florida", "Bay County~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 3739, 36, 36, 3, 3, 3, 25, 2, 2, 2~
## $ annual_avg_emplvl                <dbl> 55874, 3460, 3460, 600, 39, 162, 2~
## $ total_annual_wages               <dbl> 1147716410, 106605436, 106605436, ~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 395, 593, 593, 524, 595, 193, 632,~
## $ avg_annual_pay                   <dbl> 20541, 30812, 30812, 27231, 30945,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 1.35, 1.36, 0.31, 4.77, 5.68~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 2.42, 2.48, 1.30, 1.27, 5.64~
## $ lq_total_annual_wages            <dbl> 1.00, 2.67, 2.74, 1.37, 1.44, 3.90~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.10, 1.10, 1.05, 1.15, 0.69~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.10, 1.10, 1.05, 1.15, 0.69~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 63, 2, 2, 0, 0, 0, 1, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.7, 5.9, 5.9, 0.0, 0.0, 0.0, 4.2,~
## $ oty_annual_avg_emplvl_chg        <dbl> 1076, -109, -109, -39, -10, -5, -5~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 2.0, -3.1, -3.1, -6.1, -20.4, -3.0~
## $ oty_total_annual_wages_chg       <dbl> 54519772, 627745, 627745, -225106,~
## $ oty_total_annual_wages_pct_chg   <dbl> 5.0, 0.6, 0.6, -1.4, -10.5, -2.8, ~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 11, 22, 22, 26, 67, 0, 20, 14, 14,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.9, 3.9, 3.9, 5.2, 12.7, 0.0, 3.3~
```

```
## $ oty_avg_annual_pay_chg                <dbl> 591, 1115, 1115, 1331, 3496, 30, 1~
## $ oty_avg_annual_pay_pct_chg            <dbl> 3.0, 3.8, 3.8, 5.1, 12.7, 0.3, 3.2~
## Fips loop: 1.561 sec elapsed
## [1] "'Middle' loop with FIPS = 12009"

## Rows: 842 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 842
## Columns: 43
## $ area_fips                             <dbl> 12009, 12009, 12009, 12009, 12009,~
## $ own_code                              <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                         <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                           <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                  <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                   <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                            <chr> "Brevard County, Florida", "Brevar~
## $ own_title                             <chr> "Total Covered", "Federal Governme~
## $ industry_title                        <chr> "Total, all industries", "Total, a~
## $ agglvl_title                          <chr> "County, Total Covered", "County, ~
## $ size_title                            <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count               <dbl> 9797, 45, 45, 4, 7, 1, 1, 32, 1, 1~
## $ annual_avg_emplvl                     <dbl> 163899, 5912, 5912, 1301, 56, 94, ~
## $ total_annual_wages                    <dbl> 4407238896, 227884904, 227884904, ~
## $ taxable_annual_wages                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                  <dbl> 517, 741, 741, 592, 723, 506, 625,~
## $ avg_annual_pay                        <dbl> 26890, 38546, 38546, 30761, 37618,~
## $ lq_disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count            <dbl> 1.00, 0.65, 0.65, 0.16, 4.25, 1.57~
## $ lq_annual_avg_emplvl                  <dbl> 1.00, 1.41, 1.45, 0.96, 0.62, 0.25~
## $ lq_total_annual_wages                 <dbl> 1.00, 1.48, 1.52, 0.87, 0.66, 0.17~
## $ lq_taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage               <dbl> 1.00, 1.05, 1.05, 0.91, 1.07, 0.69~
## $ lq_avg_annual_pay                     <dbl> 1.00, 1.05, 1.05, 0.91, 1.07, 0.69~
## $ oty_disclosure_code                   <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg       <dbl> 134, 3, 3, 0, 0, 0, 0, 3, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg   <dbl> 1.4, 7.1, 7.1, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg             <dbl> -754, -309, -309, -41, 4, 8, 8, -2~
## $ oty_annual_avg_emplvl_pct_chg         <dbl> -0.5, -5.0, -5.0, -3.1, 7.7, 9.3, ~
## $ oty_total_annual_wages_chg            <dbl> 47084813, -14511085, -14511085, -7~
## $ oty_total_annual_wages_pct_chg        <dbl> 1.1, -6.0, -6.0, -1.8, 14.1, 8.7, ~
## $ oty_taxable_annual_wages_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 8, -8, -8, 8, 47, -5, -36, -11, 12~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 1.6, -1.1, -1.1, 1.4, 7.0, -1.0, -~
## $ oty_avg_annual_pay_chg                <dbl> 409, -416, -416, 378, 2451, -257, ~
## $ oty_avg_annual_pay_pct_chg            <dbl> 1.5, -1.1, -1.1, 1.2, 7.0, -1.0, -~
## Fips loop: 2.345 sec elapsed
## [1] "'Middle' loop with FIPS = 12011"

## Rows: 1395 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,395
## Columns: 43
## $ area_fips                     <dbl> 12011, 12011, 12011, 12011, 12011,~
## $ own_code                      <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                 <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                   <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code                     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                          <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                           <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                    <chr> "Broward County, Florida", "Browar~
## $ own_title                     <chr> "Total Covered", "Federal Governme~
## $ industry_title                <chr> "Total, all industries", "Total, a~
## $ agglvl_title                  <chr> "County, Total Covered", "County, ~
## $ size_title                    <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count       <dbl> 43169, 55, 55, 4, 1, 2, 1, 1, 46, ~
## $ annual_avg_emplvl             <dbl> 566448, 6803, 6803, 4997, 35, 1, 1~
## $ total_annual_wages            <dbl> 15132062360, 278770810, 278770810,~
## $ taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage          <dbl> 514, 788, 788, 765, 1003, 798, 846~
## $ avg_annual_pay                <dbl> 26714, 40980, 40980, 39794, 52178,~
## $ lq_disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count    <dbl> 1.00, 0.18, 0.18, 0.04, 0.09, 0.28~
## $ lq_annual_avg_emplvl          <dbl> 1.00, 0.47, 0.48, 1.07, 0.26, 0.00~
## $ lq_total_annual_wages         <dbl> 1.00, 0.53, 0.54, 1.26, 0.30, 0.01~
## $ lq_taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage       <dbl> 1.00, 1.13, 1.13, 1.18, 1.14, 1.19~
## $ lq_avg_annual_pay             <dbl> 1.00, 1.13, 1.13, 1.18, 1.14, 1.19~
## $ oty_disclosure_code           <chr> NA, NA, NA, NA, NA, NA, "N", NA, N~
## $ oty_annual_avg_estabs_count_chg <dbl> 1075, 5, 5, 0, 0, 0, 0, 0, 4, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.6, 10.0, 10.0, 0.0, 0.0, 0.0, 0.~
## $ oty_annual_avg_emplvl_chg     <dbl> 19329, 178, 178, 58, -2, -1, 0, 1,~
## $ oty_annual_avg_emplvl_pct_chg <dbl> 3.5, 2.7, 2.7, 1.2, -5.4, -50.0, 0~
```

```
## $ oty_total_annual_wages_chg          <dbl> 973186122, 8986648, 8986648, -8005~
## $ oty_total_annual_wages_pct_chg      <dbl> 6.9, 3.3, 3.3, -0.4, 2.4, -29.6, 0~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 16, 5, 5, -12, 80, -5, 0, 179, 51,~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 3.2, 0.6, 0.6, -1.5, 8.7, -0.6, 0.~
## $ oty_avg_annual_pay_chg              <dbl> 835, 259, 259, -634, 4179, -233, 0~
## $ oty_avg_annual_pay_pct_chg          <dbl> 3.2, 0.6, 0.6, -1.6, 8.7, -0.6, 0.~
## Fips loop: 2.777 sec elapsed
## [1] "'Middle' loop with FIPS = 12015"

## Rows: 380 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 380
## Columns: 43
## $ area_fips                  <dbl> 12015, 12015, 12015, 12015, 12015,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Charlotte County, Florida", "Char~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count    <dbl> 2398, 6, 6, 1, 5, 1, 1, 1, 1, 1, 5~
## $ annual_avg_emplvl          <dbl> 30724, 234, 234, 216, 18, 216, 216~
## $ total_annual_wages         <dbl> 649248397, 8069286, 8069286, 74258~
## $ taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage       <dbl> 406, 663, 663, 660, 697, 660, 660,~
## $ avg_annual_pay             <dbl> 21132, 34460, 34460, 34313, 36251,~
## $ lq_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 0.35, 0.35, 0.16, 0.55, 0.16~
## $ lq_annual_avg_emplvl       <dbl> 1.00, 0.30, 0.31, 0.85, 0.05, 0.92~
## $ lq_total_annual_wages      <dbl> 1.00, 0.36, 0.37, 1.10, 0.05, 1.16~
## $ lq_taxable_annual_wages    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage    <dbl> 1.00, 1.20, 1.20, 1.29, 1.19, 1.26~
## $ lq_avg_annual_pay          <dbl> 1.00, 1.20, 1.20, 1.29, 1.19, 1.26~
## $ oty_disclosure_code        <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg     <dbl> -47, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -1.9, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg           <dbl> 567, 2, 2, 2, 0, 2, 2, 2, 2, 2, 0,~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 1.9, 0.9, 0.9, 0.9, 0.0, 0.9, 0.9~
## $ oty_total_annual_wages_chg          <dbl> 43525135, 94047, 94047, 153427, -5~
## $ oty_total_annual_wages_pct_chg      <dbl> 7.2, 1.2, 1.2, 2.1, -8.4, 2.1, 2.1~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 20, 2, 2, 5, -37, 5, 5, 5, 5, 5, -~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 5.2, 0.3, 0.3, 0.8, -5.0, 0.8, 0.8~
## $ oty_avg_annual_pay_chg              <dbl> 1046, 96, 96, 277, -1912, 277, 277~
## $ oty_avg_annual_pay_pct_chg          <dbl> 5.2, 0.3, 0.3, 0.8, -5.0, 0.8, 0.8~
## Fips loop: 1.117 sec elapsed
## [1] "'Middle' loop with FIPS = 12017"

## Rows: 325 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 325
## Columns: 43
## $ area_fips                 <dbl> 12017, 12017, 12017, 12017, 12017,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Citrus County, Florida", "Citrus ~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 1929, 8, 8, 1, 6, 1, 1, 1, 1, 1, 6~
## $ annual_avg_emplvl         <dbl> 23615, 180, 180, 158, 17, 158, 158~
## $ total_annual_wages        <dbl> 501956973, 6280817, 6280817, 55733~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage      <dbl> 409, 671, 671, 679, 622, 679, 679,~
## $ avg_annual_pay            <dbl> 21256, 34893, 34893, 35293, 32330,~
## $ lq_disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 0.58, 0.59, 0.20, 0.82, 0.20~
## $ lq_annual_avg_emplvl      <dbl> 1.00, 0.30, 0.31, 0.81, 0.06, 0.88~
## $ lq_total_annual_wages     <dbl> 1.00, 0.36, 0.37, 1.07, 0.06, 1.13~
## $ lq_taxable_annual_wages   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.21, 1.21, 1.32, 1.06, 1.29~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.21, 1.21, 1.32, 1.06, 1.29~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 16, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.8, 14.3, 14.3, 0.0, 20.0, 0.0, 0~
## $ oty_annual_avg_emplvl_chg         <dbl> -133, 12, 12, 9, 0, 9, 9, 9, 9, 9,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> -0.6, 7.1, 7.1, 6.0, 0.0, 6.0, 6.0~
## $ oty_total_annual_wages_chg        <dbl> 13273487, 386216, 386216, 265372, ~
## $ oty_total_annual_wages_pct_chg    <dbl> 2.7, 6.6, 6.6, 5.0, 9.6, 5.0, 5.0,~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 13, -3, -3, -8, 37, -8, -8, -8, -8~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.3, -0.4, -0.4, -1.2, 6.3, -1.2, ~
## $ oty_avg_annual_pay_chg            <dbl> 678, -142, -142, -411, 1933, -411,~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.3, -0.4, -0.4, -1.2, 6.4, -1.2, ~
## Fips loop: 0.991 sec elapsed
## [1] "'Middle' loop with FIPS = 12019"

## Rows: 358 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 358
## Columns: 43
## $ area_fips                <dbl> 12019, 12019, 12019, 12019, 12019,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Clay County, Florida", "Clay Coun~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 2233, 6, 6, 1, 5, 1, 1, 1, 1, 1, 5~
## $ annual_avg_emplvl        <dbl> 29430, 326, 326, 156, 170, 156, 15~
## $ total_annual_wages       <dbl> 579321023, 10885192, 10885192, 566~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage     <dbl> 379, 643, 643, 700, 591, 700, 700,~
## $ avg_annual_pay           <dbl> 19685, 33441, 33441, 36375, 30750,~
## $ lq_disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.38, 0.38, 0.17, 0.59, 0.18~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.43, 0.44, 0.64, 0.45, 0.70~
## $ lq_total_annual_wages             <dbl> 1.00, 0.54, 0.55, 0.94, 0.49, 0.99~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.25, 1.25, 1.47, 1.08, 1.43~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.25, 1.25, 1.47, 1.09, 1.43~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 41, -2, -2, 0, -1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.9, -25.0, -25.0, 0.0, -16.7, 0.0~
## $ oty_annual_avg_emplvl_chg         <dbl> 955, 5, 5, 9, -3, 9, 9, 9, 9, 9, -~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 3.4, 1.6, 1.6, 6.1, -1.7, 6.1, 6.1~
## $ oty_total_annual_wages_chg        <dbl> 38951113, 613456, 613456, 154981, ~
## $ oty_total_annual_wages_pct_chg    <dbl> 7.2, 6.0, 6.0, 2.8, 10.0, 2.8, 2.8~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 14, 28, 28, -20, 64, -20, -20, -20~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.8, 4.6, 4.6, -2.8, 12.1, -2.8, -~
## $ oty_avg_annual_pay_chg            <dbl> 708, 1458, 1458, -1090, 3356, -109~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.7, 4.6, 4.6, -2.9, 12.3, -2.9, -~
## Fips loop: 1.09 sec elapsed
## [1] "'Middle' loop with FIPS = 12021"

## Rows: 686 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 686
## Columns: 43
## $ area_fips                 <dbl> 12021, 12021, 12021, 12021, 12021,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Collier County, Florida", "Collie~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 6663, 16, 16, 1, 4, 10, 1, 1, 1, 1~
## $ annual_avg_emplvl         <dbl> 80046, 547, 547, 388, 103, 54, 388~
## $ total_annual_wages        <dbl> 1822513411, 20149062, 20149062, 14~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                   <dbl> 438, 709, 709, 713, 678, 742, 713,~
## $ avg_annual_pay                         <dbl> 22768, 36858, 36858, 37070, 35250,~
## $ lq_disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count             <dbl> 1.00, 0.34, 0.34, 0.06, 4.25, 0.39~
## $ lq_annual_avg_emplvl                   <dbl> 1.00, 0.27, 0.27, 0.59, 2.50, 0.05~
## $ lq_total_annual_wages                  <dbl> 1.00, 0.32, 0.33, 0.76, 5.47, 0.06~
## $ lq_taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage                <dbl> 1.00, 1.19, 1.19, 1.29, 2.19, 1.18~
## $ lq_avg_annual_pay                      <dbl> 1.00, 1.19, 1.19, 1.29, 2.19, 1.18~
## $ oty_disclosure_code                    <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg        <dbl> 232, 2, 2, 0, 0, 2, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.6, 14.3, 14.3, 0.0, 0.0, 25.0, 0~
## $ oty_annual_avg_emplvl_chg              <dbl> 1822, 14, 14, 21, -6, 0, 21, 21, 2~
## $ oty_annual_avg_emplvl_pct_chg          <dbl> 2.3, 2.6, 2.6, 5.7, -5.5, 0.0, 5.7~
## $ oty_total_annual_wages_chg             <dbl> 132317147, 110097, 110097, 33210, ~
## $ oty_total_annual_wages_pct_chg         <dbl> 7.8, 0.5, 0.5, 0.2, 3.4, -1.6, 0.2~
## $ oty_taxable_annual_wages_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg           <dbl> 22, -14, -14, -39, 59, -8, -39, -3~
## $ oty_annual_avg_wkly_wage_pct_chg       <dbl> 5.3, -1.9, -1.9, -5.2, 9.5, -1.1, ~
## $ oty_avg_annual_pay_chg                 <dbl> 1161, -750, -750, -2050, 3072, -43~
## $ oty_avg_annual_pay_pct_chg             <dbl> 5.4, -2.0, -2.0, -5.2, 9.5, -1.1, ~
## Fips loop: 1.911 sec elapsed
## [1] "'Middle' loop with FIPS = 12029"

## Rows: 52 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 52
## Columns: 43
## $ area_fips                  <dbl> 12029, 12029, 12029, 12029, 12029,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Dixie County, Florida", "Dixie Co~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
```

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```
## $ annual_avg_estabs_count              <dbl> 206, 3, 3, 1, 2, 1, 1, 1, 1, 1, 2,~
## $ annual_avg_emplvl                    <dbl> 2559, 20, 20, 14, 6, 14, 14, 14, 1~
## $ total_annual_wages                   <dbl> 47957987, 684928, 684928, 372249, ~
## $ taxable_annual_wages                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                 <dbl> 360, 659, 659, 524, 949, 524, 524,~
## $ avg_annual_pay                       <dbl> 18742, 34246, 34246, 27238, 49370,~
## $ lq_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count           <dbl> 1.00, 2.05, 2.06, 1.85, 2.55, 1.90~
## $ lq_annual_avg_emplvl                 <dbl> 1.00, 0.31, 0.31, 0.66, 0.18, 0.72~
## $ lq_total_annual_wages                <dbl> 1.00, 0.41, 0.42, 0.75, 0.35, 0.79~
## $ lq_taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 1.34, 1.34, 1.16, 1.83, 1.13~
## $ lq_avg_annual_pay                    <dbl> 1.00, 1.34, 1.34, 1.16, 1.83, 1.13~
## $ oty_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 2.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> 123, -2, -2, 1, -3, 1, 1, 1, 1, 1,~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 5.0, -9.1, -9.1, 7.7, -33.3, 7.7, ~
## $ oty_total_annual_wages_chg           <dbl> 2165615, -151223, -151223, 1281, -~
## $ oty_total_annual_wages_pct_chg       <dbl> 4.7, -18.1, -18.1, 0.3, -32.8, 0.3~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> -1, -80, -80, -47, -18, -47, -47, ~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> -0.3, -10.8, -10.8, -8.2, -1.9, -8~
## $ oty_avg_annual_pay_chg               <dbl> -53, -4198, -4198, -2439, -920, -2~
## $ oty_avg_annual_pay_pct_chg           <dbl> -0.3, -10.9, -10.9, -8.2, -1.8, -8~
## Fips loop: 0.285 sec elapsed
## [1] "'Middle' loop with FIPS = 12031"

## Rows: 1122 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,122
## Columns: 43
## $ area_fips                            <dbl> 12031, 12031, 12031, 12031, 12031,~
## $ own_code                             <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                        <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                          <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code                            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                 <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                  <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                      <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                           <chr> "Duval County, Florida", "Duval Co~
```

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```
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 18286, 75, 74, 8, 1, 4, 7, 7, 47, ~
## $ annual_avg_emplvl                  <dbl> 381693, 16355, 16191, 5215, 2, 663~
## $ total_annual_wages                 <dbl> 10027269640, 587635540, 580932965,~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 505, 691, 690, 630, 671, 585, 819,~
## $ avg_annual_pay                     <dbl> 26271, 35930, 35879, 32776, 34897,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 0.58, 0.57, 0.17, 0.22, 1.30~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 1.67, 1.70, 1.65, 0.02, 3.15~
## $ lq_total_annual_wages              <dbl> 1.00, 1.68, 1.71, 1.64, 0.02, 2.79~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.01, 1.00, 0.99, 0.77, 0.88~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.00, 1.00, 0.99, 0.77, 0.88~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 323, 3, 3, 0, 0, -1, 1, 0, 2, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.8, 4.2, 4.2, 0.0, 0.0, -20.0, 16~
## $ oty_annual_avg_emplvl_chg          <dbl> 13950, 623, 626, 51, 0, 31, 96, -3~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 3.8, 4.0, 4.0, 1.0, 0.0, 4.9, 18.6~
## $ oty_total_annual_wages_chg         <dbl> 737220466, 40361202, 40187980, -84~
## $ oty_total_annual_wages_pct_chg     <dbl> 7.9, 7.4, 7.4, -0.5, 1.4, 17.2, 28~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 19, 22, 22, -10, 83, 61, 65, -4, 3~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 3.9, 3.3, 3.3, -1.6, 14.1, 11.6, 8~
## $ oty_avg_annual_pay_chg             <dbl> 1009, 1142, 1138, -487, 4307, 3156~
## $ oty_avg_annual_pay_pct_chg         <dbl> 4.0, 3.3, 3.3, -1.5, 14.1, 11.6, 8~
## Fips loop: 2.72 sec elapsed
## [1] "'Middle' loop with FIPS = 12033"

## Rows: 719 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 719
## Columns: 43
## $ area_fips                          <dbl> 12033, 12033, 12033, 12033, 12033,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                          <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                           <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                    <chr> "Escambia County, Florida", "Escam~
## $ own_title                     <chr> "Total Covered", "Federal Governme~
## $ industry_title                <chr> "Total, all industries", "Total, a~
## $ agglvl_title                  <chr> "County, Total Covered", "County, ~
## $ size_title                    <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count       <dbl> 6150, 39, 39, 3, 2, 2, 2, 4, 26, 1~
## $ annual_avg_emplvl             <dbl> 116440, 6749, 6749, 1466, 12, 9, 3~
## $ total_annual_wages            <dbl> 2691861007, 244024099, 244024099, ~
## $ taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage          <dbl> 445, 695, 695, 575, 888, 844, 787,~
## $ avg_annual_pay                <dbl> 23118, 36156, 36156, 29913, 46178,~
## $ lq_disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count    <dbl> 1.00, 0.89, 0.90, 0.19, 1.32, 1.93~
## $ lq_annual_avg_emplvl          <dbl> 1.00, 2.26, 2.33, 1.52, 0.44, 0.14~
## $ lq_total_annual_wages         <dbl> 1.00, 2.60, 2.67, 1.57, 0.49, 0.21~
## $ lq_taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage       <dbl> 1.00, 1.15, 1.15, 1.03, 1.16, 1.45~
## $ lq_avg_annual_pay             <dbl> 1.00, 1.15, 1.15, 1.03, 1.16, 1.45~
## $ oty_disclosure_code           <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 20, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.3, 2.6, 2.6, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg     <dbl> 2909, -1282, -1282, -44, -6, -3, 3~
## $ oty_annual_avg_emplvl_pct_chg <dbl> 2.6, -16.0, -16.0, -2.9, -33.3, -2~
## $ oty_total_annual_wages_chg    <dbl> 124114467, -41522863, -41522863, -~
## $ oty_total_annual_wages_pct_chg <dbl> 4.8, -14.5, -14.5, -2.5, -33.7, -5~
## $ oty_taxable_annual_wages_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg  <dbl> 10, 11, 11, 2, 21, 171, 34, 0, 36,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.3, 1.6, 1.6, 0.3, 2.4, 25.4, 4.5~
## $ oty_avg_annual_pay_chg        <dbl> 501, 599, 599, 135, 1118, 8911, 17~
## $ oty_avg_annual_pay_pct_chg    <dbl> 2.2, 1.7, 1.7, 0.5, 2.5, 25.5, 4.5~
## Fips loop: 2.079 sec elapsed
## [1] "'Middle' loop with FIPS = 12035"

## Rows: 164 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 164
## Columns: 43
## $ area_fips                     <dbl> 12035, 12035, 12035, 12035, 12035,~
```

```
## $ own_code                              <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                         <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                           <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                  <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                   <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                            <chr> "Flagler County, Florida", "Flagle~
## $ own_title                             <chr> "Total Covered", "Federal Governme~
## $ industry_title                        <chr> "Total, all industries", "Total, a~
## $ agglvl_title                          <chr> "County, Total Covered", "County, ~
## $ size_title                            <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count               <dbl> 735, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1,~
## $ annual_avg_emplvl                     <dbl> 9323, 74, 74, 68, 6, 68, 68, 68, 6~
## $ total_annual_wages                    <dbl> 187538828, 3024585, 3024585, 25662~
## $ taxable_annual_wages                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                  <dbl> 387, 787, 787, 728, 1429, 728, 728~
## $ avg_annual_pay                        <dbl> 20116, 40919, 40919, 37878, 74326,~
## $ lq_disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count            <dbl> 1.00, 0.38, 0.38, 0.52, 0.36, 0.53~
## $ lq_annual_avg_emplvl                  <dbl> 1.00, 0.31, 0.32, 0.88, 0.05, 0.96~
## $ lq_total_annual_wages                 <dbl> 1.00, 0.46, 0.48, 1.32, 0.13, 1.39~
## $ lq_taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage               <dbl> 1.00, 1.49, 1.49, 1.49, 2.57, 1.46~
## $ lq_avg_annual_pay                     <dbl> 1.00, 1.49, 1.50, 1.50, 2.57, 1.46~
## $ oty_disclosure_code                   <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg       <dbl> 40, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg   <dbl> 5.8, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg             <dbl> 812, 2, 2, 2, 0, 2, 2, 2, 2, 2, 0,~
## $ oty_annual_avg_emplvl_pct_chg         <dbl> 9.5, 2.8, 2.8, 3.0, 0.0, 3.0, 3.0~
## $ oty_total_annual_wages_chg            <dbl> 23098107, 52920, 52920, 72066, -19~
## $ oty_total_annual_wages_pct_chg        <dbl> 14.0, 1.8, 1.8, 2.9, -4.0, 2.9, 2.~
## $ oty_taxable_annual_wages_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 15, -9, -9, -2, -60, -2, -2, -2, -~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 4.0, -1.1, -1.1, -0.3, -4.0, -0.3,~
## $ oty_avg_annual_pay_chg                <dbl> 795, -450, -450, -104, -3104, -104~
## $ oty_avg_annual_pay_pct_chg            <dbl> 4.1, -1.1, -1.1, -0.3, -4.0, -0.3,~
## Fips loop: 0.575 sec elapsed
## [1] "'Middle' loop with FIPS = 12037"

## Rows: 86 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 86
## Columns: 43
## $ area_fips                          <dbl> 12037, 12037, 12037, 12037, 12037,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Franklin County, Florida", "Frank~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 309, 5, 5, 1, 3, 1, 1, 1, 1, 1, 3,~
## $ annual_avg_emplvl                  <dbl> 2873, 30, 30, 14, 9, 14, 14, 14, 1~
## $ total_annual_wages                 <dbl> 52834854, 1103573, 1103573, 576591~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 354, 709, 709, 769, 548, 769, 769,~
## $ avg_annual_pay                     <dbl> 18392, 36888, 36888, 39995, 28521,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 2.28, 2.28, 1.23, 2.55, 1.27~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.41, 0.42, 0.59, 0.24, 0.64~
## $ lq_total_annual_wages              <dbl> 1.00, 0.60, 0.62, 1.05, 0.27, 1.11~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.47, 1.47, 1.73, 1.08, 1.68~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.47, 1.47, 1.73, 1.08, 1.69~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 31, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 11.2, 25.0, 25.0, 0.0, 50.0, 0.0, ~
## $ oty_annual_avg_emplvl_chg          <dbl> 241, -1, -1, -1, 0, -1, -1, -1, -1~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 9.2, -3.2, -3.2, -6.7, 0.0, -6.7, ~
## $ oty_total_annual_wages_chg         <dbl> 8915664, 21830, 21830, 22272, 1581~
## $ oty_total_annual_wages_pct_chg     <dbl> 20.3, 2.0, 2.0, 4.0, 6.3, 4.0, 4.0~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 33, 40, 40, 46, 13, 46, 46, 46, 46~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 10.3, 6.0, 6.0, 6.4, 2.4, 6.4, 6.4~
## $ oty_avg_annual_pay_chg             <dbl> 1707, 2087, 2087, 2414, 700, 2414,~
## $ oty_avg_annual_pay_pct_chg         <dbl> 10.2, 6.0, 6.0, 6.4, 2.5, 6.4, 6.4~
## Fips loop: 0.353 sec elapsed
## [1] "'Middle' loop with FIPS = 12045"

## Rows: 62 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 62
## Columns: 43
## $ area_fips                        <dbl> 12045, 12045, 12045, 12045, 12045,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Gulf County, Florida", "Gulf Coun~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 242, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1,~
## $ annual_avg_emplvl                <dbl> 3852, 17, 17, 15, 2, 15, 15, 15, 1~
## $ total_annual_wages               <dbl> 92358789, 690675, 690675, 583801, ~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 461, 805, 805, 774, 1028, 774, 774~
## $ avg_annual_pay                   <dbl> 23978, 41859, 41859, 40262, 53437,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 1.16, 1.17, 1.58, 24.56, 1.6~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.17, 0.18, 0.47, 0.94, 0.51~
## $ lq_total_annual_wages            <dbl> 1.00, 0.21, 0.22, 0.61, 1.60, 0.64~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.28, 1.28, 1.33, 1.70, 1.30~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.28, 1.28, 1.33, 1.70, 1.30~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.7, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 75, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 2.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_total_annual_wages_chg       <dbl> 4482190, 4261, 4261, -2404, 6665, ~
## $ oty_total_annual_wages_pct_chg   <dbl> 5.1, 0.6, 0.6, -0.4, 6.7, -0.4, -0~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 14, 17, 17, 10, 64, 10, 10, 10, 10~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.1, 2.2, 2.2, 1.3, 6.6, 1.3, 1.3,~
## $ oty_avg_annual_pay_chg           <dbl> 709, 879, 879, 519, 3332, 519, 519~
## $ oty_avg_annual_pay_pct_chg       <dbl> 3.0, 2.1, 2.1, 1.3, 6.7, 1.3, 1.3,~
## Fips loop: 0.32 sec elapsed
## [1] "'Middle' loop with FIPS = 12053"
```

```
## Rows: 336 Columns: 43

## -- Column specification -----------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 336
## Columns: 43
## $ area_fips                        <dbl> 12053, 12053, 12053, 12053, 12053,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Hernando County, Florida", "Herna~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 1913, 6, 6, 1, 5, 1, 1, 1, 1, 1, 5~
## $ annual_avg_emplvl                <dbl> 24325, 264, 264, 242, 22, 242, 242~
## $ total_annual_wages               <dbl> 495872180, 8571573, 8571573, 78519~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 392, 624, 624, 623, 634, 623, 623,~
## $ avg_annual_pay                   <dbl> 20385, 32458, 32458, 32413, 32959,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.44, 0.44, 0.20, 0.69, 0.20~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.42, 0.44, 1.20, 0.07, 1.30~
## $ lq_total_annual_wages            <dbl> 1.00, 0.50, 0.51, 1.52, 0.08, 1.61~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.17, 1.17, 1.26, 1.12, 1.23~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.17, 1.17, 1.26, 1.12, 1.23~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 37, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 620, 7, 7, 7, -1, 7, 7, 7, 7, 7, -~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 2.6, 2.7, 2.7, 3.0, -4.3, 3.0, 3.0~
## $ oty_total_annual_wages_chg       <dbl> 24171528, 266959, 266959, 253245, ~
## $ oty_total_annual_wages_pct_chg   <dbl> 5.1, 3.2, 3.2, 3.3, 1.9, 3.3, 3.3,~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 9, 3, 3, 1, 33, 1, 1, 1, 1, 1, 33,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.3, 0.5, 0.5, 0.2, 5.5, 0.2, 0.2,~
```

```
## $ oty_avg_annual_pay_chg              <dbl> 487, 186, 186, 44, 1702, 44, 44, 4~
## $ oty_avg_annual_pay_pct_chg          <dbl> 2.4, 0.6, 0.6, 0.1, 5.4, 0.1, 0.1,~
## Fips loop: 1.002 sec elapsed
## [1] "'Middle' loop with FIPS = 12057"

## Rows: 1254 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,254
## Columns: 43
## $ area_fips                           <dbl> 12057, 12057, 12057, 12057, 12057,~
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                       <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                          <chr> "Hillsborough County, Florida", "H~
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 23502, 69, 69, 3, 1, 5, 1, 1, 58, ~
## $ annual_avg_emplvl                   <dbl> 490551, 10021, 10021, 4945, 47, 10~
## $ total_annual_wages                  <dbl> 12473815501, 370230981, 370230981,~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 489, 710, 710, 690, 992, 886, 803,~
## $ avg_annual_pay                      <dbl> 25428, 36944, 36944, 35893, 51600,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 0.41, 0.41, 0.05, 0.17, 1.26~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 0.80, 0.82, 1.22, 0.41, 0.40~
## $ lq_total_annual_wages               <dbl> 1.00, 0.85, 0.88, 1.37, 0.48, 0.56~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 1.07, 1.07, 1.12, 1.18, 1.38~
## $ lq_avg_annual_pay                   <dbl> 1.00, 1.07, 1.07, 1.12, 1.18, 1.38~
## $ oty_disclosure_code                 <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 515, 4, 4, 0, 0, 0, 0, 0, 4, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.2, 6.2, 6.2, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg           <dbl> 17928, -801, -801, 226, -18, -4, -~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 3.8, -7.4, -7.4, 4.8, -27.7, -3.5,~
## $ oty_total_annual_wages_chg          <dbl> 868720124, -35074036, -35074036, 2~
## $ oty_total_annual_wages_pct_chg      <dbl> 7.5, -8.7, -8.7, 1.4, -22.4, 2.7, ~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 17, -10, -10, -23, 65, 56, -16, -1~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 3.6, -1.4, -1.4, -3.2, 7.0, 6.7, -~
## $ oty_avg_annual_pay_chg                <dbl> 873, -510, -510, -1197, 3387, 2912~
## $ oty_avg_annual_pay_pct_chg            <dbl> 3.6, -1.4, -1.4, -3.2, 7.0, 6.7, -~
## Fips loop: 2.776 sec elapsed
## [1] "'Middle' loop with FIPS = 12061"

## Rows: 411 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 411
## Columns: 43
## $ area_fips                        <dbl> 12061, 12061, 12061, 12061, 12061,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Indian River County, Florida", "I~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 3195, 10, 10, 1, 8, 1, 1, 1, 1, 1,~
## $ annual_avg_emplvl                <dbl> 35899, 347, 347, 286, 59, 286, 286~
## $ total_annual_wages               <dbl> 803549481, 12701330, 12701330, 100~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 430, 704, 704, 677, 834, 677, 677,~
## $ avg_annual_pay                   <dbl> 22384, 36586, 36586, 35228, 43367,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.44, 0.44, 0.12, 0.66, 0.12~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.38, 0.39, 0.96, 0.13, 1.04~
## $ lq_total_annual_wages            <dbl> 1.00, 0.45, 0.47, 1.21, 0.17, 1.28~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.20, 1.20, 1.25, 1.35, 1.22~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.20, 1.20, 1.25, 1.35, 1.22~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 86, 2, 2, 0, 1, 0, 0, 0, 0, 0, 1, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.8, 25.0, 25.0, 0.0, 14.3, 0.0, 0~
## $ oty_annual_avg_emplvl_chg           <dbl> 1251, 4, 4, -2, 4, -2, -2, -2, -2,~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 3.6, 1.2, 1.2, -0.7, 7.3, -0.7, -0~
```

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## $ oty_total_annual_wages_chg          <dbl> 40470463, 332778, 332778, 195264, ~
## $ oty_total_annual_wages_pct_chg      <dbl> 5.3, 2.7, 2.7, 2.0, 3.0, 2.0, 2.0,~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 6, 10, 10, 15, -31, 15, 15, 15, 15~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 1.4, 1.4, 1.4, 2.3, -3.6, 2.3, 2.3~
## $ oty_avg_annual_pay_chg              <dbl> 360, 473, 473, 812, -1615, 812, 81~
## $ oty_avg_annual_pay_pct_chg          <dbl> 1.6, 1.3, 1.3, 2.4, -3.6, 2.4, 2.4~
## Fips loop: 1.184 sec elapsed
## [1] "'Middle' loop with FIPS = 12065"

## Rows: 70 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 70
## Columns: 43
## $ area_fips                     <dbl> 12065, 12065, 12065, 12065, 12065,~
## $ own_code                      <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                 <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                   <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                          <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                           <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                    <chr> "Jefferson County, Florida", "Jeff~
## $ own_title                     <chr> "Total Covered", "Federal Governme~
## $ industry_title                <chr> "Total, all industries", "Total, a~
## $ agglvl_title                  <chr> "County, Total Covered", "County, ~
## $ size_title                    <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count       <dbl> 269, 4, 4, 1, 3, 1, 1, 1, 1, 1, 3,~
## $ annual_avg_emplvl             <dbl> 2879, 31, 31, 24, 7, 24, 24, 24, 2~
## $ total_annual_wages            <dbl> 50612003, 969337, 969337, 763214, ~
## $ taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage          <dbl> 338, 606, 606, 607, 602, 607, 607,~
## $ avg_annual_pay                <dbl> 17582, 31523, 31523, 31581, 31310,~
## $ lq_disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count    <dbl> 1.00, 2.09, 2.10, 1.42, 2.93, 1.45~
## $ lq_annual_avg_emplvl          <dbl> 1.00, 0.42, 0.43, 1.01, 0.19, 1.09~
## $ lq_total_annual_wages         <dbl> 1.00, 0.55, 0.56, 1.45, 0.22, 1.53~
## $ lq_taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage       <dbl> 1.00, 1.32, 1.32, 1.43, 1.24, 1.39~
## $ lq_avg_annual_pay             <dbl> 1.00, 1.32, 1.32, 1.43, 1.24, 1.39~
## $ oty_disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

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## $ oty_annual_avg_estabs_count_chg     <dbl> 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.7, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg           <dbl> -17, -1, -1, -1, 0, -1, -1, -1, -1~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> -0.6, -3.1, -3.1, -4.0, 0.0, -4.0,~
## $ oty_total_annual_wages_chg          <dbl> 2218390, 159, 159, 10572, -10413, ~
## $ oty_total_annual_wages_pct_chg      <dbl> 4.6, 0.0, 0.0, 1.4, -4.8, 1.4, 1.4~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 17, 21, 21, 16, 34, 16, 16, 16, 16~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 5.3, 3.6, 3.6, 2.7, 6.0, 2.7, 2.7,~
## $ oty_avg_annual_pay_chg              <dbl> 874, 1078, 1078, 861, 1782, 861, 8~
## $ oty_avg_annual_pay_pct_chg          <dbl> 5.2, 3.5, 3.5, 2.8, 6.0, 2.8, 2.8,~
## Fips loop: 0.326 sec elapsed
## [1] "'Middle' loop with FIPS = 12071"

## Rows: 846 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 846
## Columns: 43
## $ area_fips                <dbl> 12071, 12071, 12071, 12071, 12071,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Lee County, Florida", "Lee County~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 9891, 31, 31, 2, 2, 1, 26, 2, 1, 1~
## $ annual_avg_emplvl        <dbl> 142244, 1709, 1709, 1354, 12, 73, ~
## $ total_annual_wages       <dbl> 3167620008, 65220286, 65220286, 48~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage     <dbl> 428, 734, 734, 692, 597, 1059, 862~
## $ avg_annual_pay           <dbl> 22269, 38174, 38174, 35998, 31027,~
## $ lq_disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 0.44, 0.44, 0.08, 1.20, 1.55~
## $ lq_annual_avg_emplvl     <dbl> 1.00, 0.47, 0.48, 1.15, 0.15, 0.22~
## $ lq_total_annual_wages    <dbl> 1.00, 0.59, 0.61, 1.48, 0.16, 0.39~
## $ lq_taxable_annual_wages  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.26, 1.26, 1.28, 1.06, 1.74~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.26, 1.26, 1.28, 1.06, 1.74~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, "N", NA, NA, N~
## $ oty_annual_avg_estabs_count_chg  <dbl> 177, 3, 3, 0, -2, 0, 4, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.8, 10.7, 10.7, 0.0, -50.0, 0.0, ~
## $ oty_annual_avg_emplvl_chg        <dbl> 6017, 141, 141, 49, 1, 0, 18, 49, ~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 4.4, 9.0, 9.0, 3.8, 9.1, 0.0, 7.1,~
## $ oty_total_annual_wages_chg       <dbl> 181643951, 5812425, 5812425, 57948~
## $ oty_total_annual_wages_pct_chg   <dbl> 6.1, 9.8, 9.8, 1.2, 20.4, 0.0, 10.~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 6, 6, 6, -17, 61, 0, 27, -17, 45, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 1.4, 0.8, 0.8, -2.4, 11.4, 0.0, 3.~
## $ oty_avg_annual_pay_chg           <dbl> 350, 292, 292, -894, 3130, 0, 1393~
## $ oty_avg_annual_pay_pct_chg       <dbl> 1.6, 0.8, 0.8, -2.4, 11.2, 0.0, 3.~
## Fips loop: 2.378 sec elapsed
## [1] "'Middle' loop with FIPS = 12075"

## Rows: 139 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 139
## Columns: 43
## $ area_fips             <dbl> 12075, 12075, 12075, 12075, 12075,~
## $ own_code              <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code         <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code           <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                  <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                   <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title            <chr> "Levy County, Florida", "Levy Coun~
## $ own_title             <chr> "Total Covered", "Federal Governme~
## $ industry_title        <chr> "Total, all industries", "Total, a~
## $ agglvl_title          <chr> "County, Total Covered", "County, ~
## $ size_title            <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count <dbl> 541, 6, 6, 1, 4, 1, 1, 1, 1, 1, 4,~
## $ annual_avg_emplvl     <dbl> 6691, 67, 67, 52, 14, 52, 52, 52, ~
## $ total_annual_wages    <dbl> 116224082, 2074122, 2074122, 16118~
## $ taxable_annual_wages  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage  <dbl> 334, 594, 594, 593, 592, 593, 593,~
## $ avg_annual_pay        <dbl> 17371, 30880, 30880, 30849, 30797,~
## $ lq_disclosure_code    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 1.56, 1.57, 0.70, 1.94, 0.72~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.39, 0.40, 0.94, 0.16, 1.02~
## $ lq_total_annual_wages             <dbl> 1.00, 0.51, 0.53, 1.33, 0.20, 1.41~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.31, 1.31, 1.41, 1.23, 1.38~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.31, 1.31, 1.41, 1.23, 1.38~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 13, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.5, 20.0, 20.0, 0.0, 33.3, 0.0, 0~
## $ oty_annual_avg_emplvl_chg         <dbl> 521, -3, -3, 1, -1, 1, 1, 1, 1, 1,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 8.4, -4.3, -4.3, 2.0, -6.7, 2.0, 2~
## $ oty_total_annual_wages_chg        <dbl> 10185214, -60475, -60475, 54718, -~
## $ oty_total_annual_wages_pct_chg    <dbl> 9.6, -2.8, -2.8, 3.5, -11.4, 3.5, ~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 4, 8, 8, 3, -18, 3, 3, 3, 3, 3, -1~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 1.2, 1.4, 1.4, 0.5, -3.0, 0.5, 0.5~
## $ oty_avg_annual_pay_chg            <dbl> 186, 422, 422, 167, -918, 167, 167~
## $ oty_avg_annual_pay_pct_chg        <dbl> 1.1, 1.4, 1.4, 0.5, -2.9, 0.5, 0.5~
## Fips loop: 0.529 sec elapsed
## [1] "'Middle' loop with FIPS = 12077"

## Rows: 31 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 31
## Columns: 43
## $ area_fips             <dbl> 12077, 12077, 12077, 12077, 12077,~
## $ own_code              <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code         <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code           <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                  <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                   <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title            <chr> "Liberty County, Florida", "Libert~
## $ own_title             <chr> "Total Covered", "Federal Governme~
## $ industry_title        <chr> "Total, all industries", "Total, a~
## $ agglvl_title          <chr> "County, Total Covered", "County, ~
## $ size_title            <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count <dbl> 105, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1,~
## $ annual_avg_emplvl     <dbl> 1620, 53, 53, 10, 43, 10, 10, 10, ~
## $ total_annual_wages    <dbl> 32157379, 1246787, 1246787, 291270~
## $ taxable_annual_wages  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 382, 456, 456, 560, 432, 560, 560,~
## $ avg_annual_pay                    <dbl> 19847, 23711, 23711, 29127, 22439,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 2.68, 2.69, 3.63, 2.50, 3.72~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 1.28, 1.31, 0.75, 2.06, 0.81~
## $ lq_total_annual_wages             <dbl> 1.00, 1.11, 1.14, 0.87, 1.61, 0.92~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 0.88, 0.88, 1.16, 0.79, 1.14~
## $ lq_avg_annual_pay                 <dbl> 1.00, 0.88, 0.88, 1.17, 0.79, 1.14~
## $ oty_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> -1, -1, -1, 0, -1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -0.9, -33.3, -33.3, 0.0, -50.0, 0.~
## $ oty_annual_avg_emplvl_chg         <dbl> 113, 0, 0, 0, -1, 0, 0, 0, 0, 0, -~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 7.5, 0.0, 0.0, 0.0, -2.3, 0.0, 0.0~
## $ oty_total_annual_wages_chg        <dbl> 3112661, 45007, 45007, -3312, 4831~
## $ oty_total_annual_wages_pct_chg    <dbl> 10.7, 3.7, 3.7, -1.1, 5.3, -1.1, -~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 11, 23, 23, -11, 31, -11, -11, -11~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.0, 5.3, 5.3, -1.9, 7.7, -1.9, -1~
## $ oty_avg_annual_pay_chg            <dbl> 577, 1213, 1213, -579, 1584, -579,~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.0, 5.4, 5.4, -1.9, 7.6, -1.9, -1~
## Fips loop: 0.244 sec elapsed
## [1] "'Middle' loop with FIPS = 12081"

## Rows: 579 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 579
## Columns: 43
## $ area_fips                 <dbl> 12081, 12081, 12081, 12081, 12081,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Manatee County, Florida", "Manate~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
```

```
## $ annual_avg_estabs_count            <dbl> 4648, 13, 13, 1, 1, 10, 1, 1, 1, 1~
## $ annual_avg_emplvl                  <dbl> 83745, 1045, 1045, 971, 9, 64, 971~
## $ total_annual_wages                 <dbl> 1758809869, 37647943, 37647943, 35~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 404, 693, 693, 696, 521, 670, 696,~
## $ avg_annual_pay                     <dbl> 21002, 36032, 36032, 36203, 27080,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 0.39, 0.39, 0.08, 1.52, 0.56~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.49, 0.50, 1.40, 0.21, 0.06~
## $ lq_total_annual_wages              <dbl> 1.00, 0.61, 0.63, 1.92, 0.39, 0.07~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.26, 1.26, 1.37, 1.82, 1.15~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.26, 1.26, 1.37, 1.82, 1.15~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 151, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.4, 8.3, 8.3, 0.0, 0.0, 11.1, 0.0~
## $ oty_annual_avg_emplvl_chg          <dbl> 5398, 67, 67, 65, 1, 3, 65, 65, 65~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 6.9, 6.9, 6.9, 7.2, 12.5, 4.9, 7.2~
## $ oty_total_annual_wages_chg         <dbl> 135184403, 1637646, 1637646, 15660~
## $ oty_total_annual_wages_pct_chg     <dbl> 8.3, 4.5, 4.5, 4.7, 26.6, 2.8, 4.7~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 5, -15, -15, -17, 51, -9, -17, -17~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 1.3, -2.1, -2.1, -2.4, 10.9, -1.3,~
## $ oty_avg_annual_pay_chg             <dbl> 279, -807, -807, -875, 2639, -493,~
## $ oty_avg_annual_pay_pct_chg         <dbl> 1.3, -2.2, -2.2, -2.4, 10.8, -1.4,~
## Fips loop: 1.654 sec elapsed
## [1] "'Middle' loop with FIPS = 12085"

## Rows: 496 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 496
## Columns: 43
## $ area_fips           <dbl> 12085, 12085, 12085, 12085, 12085,~
## $ own_code            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code       <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code         <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title          <chr> "Martin County, Florida", "Martin ~
```

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```
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 3730, 9, 9, 1, 1, 7, 1, 1, 1, 1, 1~
## $ annual_avg_emplvl                 <dbl> 40849, 275, 275, 251, 6, 18, 251, ~
## $ total_annual_wages                <dbl> 978225058, 9529524, 9529524, 89076~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 461, 666, 666, 682, 595, 472, 682,~
## $ avg_annual_pay                    <dbl> 23947, 34642, 34642, 35453, 30917,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.34, 0.34, 0.10, 1.59, 0.49~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.26, 0.27, 0.74, 0.27, 0.03~
## $ lq_total_annual_wages             <dbl> 1.00, 0.28, 0.29, 0.88, 0.25, 0.02~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.06, 1.06, 1.18, 0.99, 0.71~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.06, 1.06, 1.18, 0.99, 0.71~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 66, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.8, 12.5, 12.5, 0.0, 0.0, 16.7, 0~
## $ oty_annual_avg_emplvl_chg         <dbl> 2070, 0, 0, -1, -1, 2, -1, -1, -1,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 5.3, 0.0, 0.0, -0.4, -14.3, 12.5, ~
## $ oty_total_annual_wages_chg        <dbl> 82387882, 108632, 108632, 76080, -~
## $ oty_total_annual_wages_pct_chg    <dbl> 9.2, 1.2, 1.2, 0.9, -7.7, 11.9, 0.~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 17, 7, 7, 7, 66, -5, 7, 7, 7, 7, 7~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.8, 1.1, 1.1, 1.0, 12.5, -1.0, 1.~
## $ oty_avg_annual_pay_chg            <dbl> 846, 353, 353, 372, 3415, -242, 37~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.7, 1.0, 1.0, 1.1, 12.4, -1.0, 1.~
## Fips loop: 1.475 sec elapsed
## [1] "'Middle' loop with FIPS = 12086"

## Rows: 1512 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,512
## Columns: 43
## $ area_fips                         <dbl> 12086, 12086, 12086, 12086, 12086,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Miami-Dade County, Florida", "Mia~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 64858, 110, 110, 3, 4, 1, 3, 100, ~
## $ annual_avg_emplvl              <dbl> 908736, 17655, 17655, 7356, 343, 2~
## $ total_annual_wages             <dbl> 25006736836, 763896213, 763896213,~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 529, 832, 832, 818, 928, 709, 616,~
## $ avg_annual_pay                 <dbl> 27518, 43268, 43268, 42547, 48247,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 0.24, 0.24, 0.02, 0.37, 0.24~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 0.76, 0.78, 0.98, 0.68, 1.24~
## $ lq_total_annual_wages          <dbl> 1.00, 0.88, 0.90, 1.20, 0.92, 1.17~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 1.16, 1.16, 1.23, 1.34, 0.94~
## $ lq_avg_annual_pay              <dbl> 1.00, 1.15, 1.16, 1.23, 1.34, 0.95~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, NA, NA, NA, NA, "N~
## $ oty_annual_avg_estabs_count_chg <dbl> 856, 9, 9, 1, -1, 0, 0, 9, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.3, 8.9, 8.9, 50.0, -20.0, 0.0, 0~
## $ oty_annual_avg_emplvl_chg      <dbl> 11916, -349, -349, -17, -15, -277,~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> 1.3, -1.9, -1.9, -0.2, -4.2, -9.6,~
## $ oty_total_annual_wages_chg     <dbl> 1202458660, 9267563, 9267563, -467~
## $ oty_total_annual_wages_pct_chg <dbl> 5.1, 1.2, 1.2, -1.5, 5.9, -6.0, 11~
## $ oty_taxable_annual_wages_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg   <dbl> 19, 26, 26, -10, 89, 27, 24, 56, 0~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.7, 3.2, 3.2, -1.2, 10.6, 4.0, 4.~
## $ oty_avg_annual_pay_chg         <dbl> 975, 1353, 1353, -531, 4620, 1425,~
## $ oty_avg_annual_pay_pct_chg     <dbl> 3.7, 3.2, 3.2, -1.2, 10.6, 4.0, 4.~
## Fips loop: 2.65 sec elapsed
## [1] "'Middle' loop with FIPS = 12087"

## Rows: 429 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 429
## Columns: 43
## $ area_fips                      <dbl> 12087, 12087, 12087, 12087, 12087,~
```

```
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Monroe County, Florida", "Monroe ~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 3337, 34, 34, 2, 4, 3, 4, 20, 1, 1~
## $ annual_avg_emplvl                  <dbl> 33436, 1283, 1283, 327, 27, 181, 8~
## $ total_annual_wages                 <dbl> 709309509, 43486332, 43486332, 930~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 408, 652, 652, 548, 739, 325, 385,~
## $ avg_annual_pay                     <dbl> 21214, 33894, 33894, 28502, 38404,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 1.43, 1.44, 0.23, 7.12, 13.8~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 1.50, 1.54, 1.18, 1.47, 2.34~
## $ lq_total_annual_wages              <dbl> 1.00, 1.76, 1.81, 1.26, 2.04, 1.31~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.17, 1.17, 1.07, 1.38, 0.56~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.17, 1.17, 1.07, 1.38, 0.56~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 98, 1, 1, 0, 0, 1, -1, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3, 3, 3, 0, 0, 50, -20, 0, 0, 0, 0~
## $ oty_annual_avg_emplvl_chg          <dbl> 1329, 10, 10, -5, -2, 8, -1, 9, -9~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 4.1, 0.8, 0.8, -1.5, -6.9, 4.6, -1~
## $ oty_total_annual_wages_chg         <dbl> 48521909, 2250168, 2250168, 180868~
## $ oty_total_annual_wages_pct_chg     <dbl> 7.3, 5.5, 5.5, 2.0, 5.5, 14.4, -9.~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 12, 29, 29, 19, 81, 27, -36, 41, 2~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 3.0, 4.7, 4.7, 3.6, 12.3, 9.1, -8.~
## $ oty_avg_annual_pay_chg             <dbl> 633, 1501, 1501, 990, 4195, 1436, ~
## $ oty_avg_annual_pay_pct_chg         <dbl> 3.1, 4.6, 4.6, 3.6, 12.3, 9.3, -8.~
## Fips loop: 1.097 sec elapsed
## [1] "'Middle' loop with FIPS = 12089"

## Rows: 209 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 209
## Columns: 43
## $ area_fips                           <dbl> 12089, 12089, 12089, 12089, 12089,~
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                       <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                          <chr> "Nassau County, Florida", "Nassau ~
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 1030, 6, 6, 2, 1, 3, 2, 1, 1, 1, 1~
## $ annual_avg_emplvl                   <dbl> 14203, 621, 621, 615, 4, 3, 615, 5~
## $ total_annual_wages                  <dbl> 342377268, 41369106, 41369106, 410~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 464, 1281, 1281, 1285, 1020, 834, ~
## $ avg_annual_pay                      <dbl> 24107, 66608, 66608, 66794, 53053,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 0.82, 0.82, 0.74, 5.77, 0.76~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 1.71, 1.75, 5.24, 0.51, 0.02~
## $ lq_total_annual_wages               <dbl> 1.00, 3.47, 3.56, 11.52, 0.86, 0.0~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 2.03, 2.03, 2.20, 1.68, 1.25~
## $ lq_avg_annual_pay                   <dbl> 1.00, 2.03, 2.03, 2.20, 1.68, 1.25~
## $ oty_disclosure_code                 <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 28, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.8, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg           <dbl> 309, -22, -22, -20, 0, -1, -20, -2~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 2.2, -3.4, -3.4, -3.1, 0.0, -25.0,~
## $ oty_total_annual_wages_chg          <dbl> 15425132, 66048, 66048, 100497, -2~
## $ oty_total_annual_wages_pct_chg      <dbl> 4.7, 0.2, 0.2, 0.2, -1.0, -22.4, 0~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 11, 45, 45, 45, -11, 126, 45, 65, ~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 2.4, 3.6, 3.6, 3.6, -1.1, 17.8, 3.~
## $ oty_avg_annual_pay_chg              <dbl> 575, 2356, 2356, 2306, -547, 6519,~
## $ oty_avg_annual_pay_pct_chg          <dbl> 2.4, 3.7, 3.7, 3.6, -1.0, 17.7, 3.~
## Fips loop: 0.683 sec elapsed
## [1] "'Middle' loop with FIPS = 12091"

## Rows: 533 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 533
## Columns: 43
## $ area_fips                        <dbl> 12091, 12091, 12091, 12091, 12091,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Okaloosa County, Florida", "Okalo~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 4123, 32, 32, 3, 3, 3, 22, 1, 1, 1~
## $ annual_avg_emplvl                <dbl> 63590, 6268, 6268, 893, 28, 142, 5~
## $ total_annual_wages               <dbl> 1258450941, 150625889, 150625889, ~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 381, 462, 462, 390, 597, 191, 475,~
## $ avg_annual_pay                   <dbl> 19790, 24033, 24033, 20273, 31023,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 1.09, 1.10, 0.28, 4.32, 5.15~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 3.85, 3.95, 1.70, 0.80, 4.34~
## $ lq_total_annual_wages            <dbl> 1.00, 3.43, 3.53, 1.38, 0.94, 3.09~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.89, 0.89, 0.81, 1.20, 0.71~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.89, 0.89, 0.81, 1.20, 0.71~
## $ oty_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 170, 2, 2, 0, 0, 0, 2, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.3, 6.7, 6.7, 0.0, 0.0, 0.0, 10.0~
## $ oty_annual_avg_emplvl_chg        <dbl> 2419, -391, -391, -1, 2, 2, -370, ~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 4.0, -5.9, -5.9, -0.1, 7.7, 1.4, -~
## $ oty_total_annual_wages_chg       <dbl> 71054578, -9259571, -9259571, 5742~
## $ oty_total_annual_wages_pct_chg   <dbl> 6.0, -5.8, -5.8, 3.3, 18.1, 4.6, -~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 8, 0, 0, 13, 68, 5, 0, 14, 14, 14,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.1, 0.0, 0.0, 3.4, 12.9, 2.7, 0.0~
## $ oty_avg_annual_pay_chg           <dbl> 379, 21, 21, 663, 3500, 280, 11, 7~
## $ oty_avg_annual_pay_pct_chg       <dbl> 2.0, 0.1, 0.1, 3.4, 12.7, 2.9, 0.0~
## Fips loop: 1.477 sec elapsed
## [1] "'Middle' loop with FIPS = 12099"
```

```
## Rows: 1221 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,221
## Columns: 43
## $ area_fips                      <dbl> 12099, 12099, 12099, 12099, 12099,~
## $ own_code                       <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                  <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                    <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Palm Beach County, Florida", "Pal~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 31612, 46, 46, 1, 2, 3, 39, 1, 1, ~
## $ annual_avg_emplvl              <dbl> 399513, 5205, 5205, 3418, 11, 19, ~
## $ total_annual_wages             <dbl> 11218197357, 214695131, 214695131,~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 540, 793, 793, 731, 693, 655, 889,~
## $ avg_annual_pay                 <dbl> 28080, 41245, 41245, 38011, 36058,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 0.20, 0.21, 0.01, 0.26, 0.56~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 0.51, 0.52, 1.03, 0.12, 0.09~
## $ lq_total_annual_wages          <dbl> 1.00, 0.55, 0.56, 1.11, 0.09, 0.08~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 1.08, 1.08, 1.08, 0.75, 0.93~
## $ lq_avg_annual_pay              <dbl> 1.00, 1.08, 1.08, 1.08, 0.75, 0.93~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 921, 2, 2, 0, 0, 0, 2, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.0, 4.5, 4.5, 0.0, 0.0, 0.0, 5.4,~
## $ oty_annual_avg_emplvl_chg           <dbl> 8445, 880, 880, 16, 0, 1, 8, 16, 1~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 2.2, 20.3, 20.3, 0.5, 0.0, 5.6, 1.~
## $ oty_total_annual_wages_chg          <dbl> 712402077, 43720886, 43720886, 932~
## $ oty_total_annual_wages_pct_chg      <dbl> 6.8, 25.6, 25.6, 0.7, 11.1, 9.6, 5~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 23, 33, 33, 2, 74, 16, 36, 2, 2, 2~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 4.4, 4.3, 4.3, 0.3, 12.0, 2.5, 4.2~
```

```
## $ oty_avg_annual_pay_chg                <dbl> 1216, 1716, 1716, 92, 3846, 809, 1~
## $ oty_avg_annual_pay_pct_chg            <dbl> 4.5, 4.3, 4.3, 0.2, 11.9, 2.4, 4.3~
## Fips loop: 2.786 sec elapsed
## [1] "'Middle' loop with FIPS = 12101"

## Rows: 596 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 596
## Columns: 43
## $ area_fips                          <dbl> 12101, 12101, 12101, 12101, 12101,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1025",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Pasco County, Florida", "Pasco Co~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 5099, 9, 9, 1, 1, 7, 1, 1, 1, 1, 1~
## $ annual_avg_emplvl                  <dbl> 65965, 612, 612, 508, 38, 64, 508,~
## $ total_annual_wages                 <dbl> 1387077229, 53926886, 53926886, 17~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 404, 1695, 1695, 655, 17282, 682, ~
## $ avg_annual_pay                     <dbl> 21028, 88128, 88128, 34036, 898655~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 0.25, 0.25, 0.07, 3.01, 0.36~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.36, 0.37, 0.93, 0.25, 0.08~
## $ lq_total_annual_wages              <dbl> 1.00, 1.12, 1.15, 1.20, 7.54, 0.09~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 3.08, 3.08, 1.29, 30.16, 1.1~
## $ lq_avg_annual_pay                  <dbl> 1.00, 3.08, 3.08, 1.29, 30.14, 1.1~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, "N", NA, NA, NA, N~
## $ oty_annual_avg_estabs_count_chg    <dbl> 99, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_emplvl_chg          <dbl> 1805, 55, 55, 16, 0, 2, 16, 16, 16~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 2.8, 9.9, 9.9, 3.3, 0.0, 3.2, 3.3,~
## $ oty_total_annual_wages_chg         <dbl> 98120635, 34501929, 34501929, 2441~
## $ oty_total_annual_wages_pct_chg     <dbl> 7.6, 177.6, 177.6, 1.4, 0.0, 1.0, ~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

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## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 18, 1025, 1025, -12, 0, -14, -12, ~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 4.7, 153.0, 153.0, -1.8, 0.0, -2.0~
## $ oty_avg_annual_pay_chg              <dbl> 938, 53269, 53269, -628, 0, -716, ~
## $ oty_avg_annual_pay_pct_chg          <dbl> 4.7, 152.8, 152.8, -1.8, 0.0, -2.0~
## Fips loop: 1.729 sec elapsed
## [1] "'Middle' loop with FIPS = 12103"

## Rows: 1128 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,128
## Columns: 43
## $ area_fips                       <dbl> 12103, 12103, 12103, 12103, 12103,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1025",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Pinellas County, Florida", "Pinel~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 23335, 33, 33, 3, 1, 28, 3, 2, 2, ~
## $ annual_avg_emplvl               <dbl> 371732, 5882, 5882, 2734, 2137, 10~
## $ total_annual_wages              <dbl> 9218089387, 244027630, 244027630, ~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 477, 798, 798, 732, 884, 795, 732,~
## $ avg_annual_pay                  <dbl> 24798, 41491, 41491, 38057, 45970,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 0.20, 0.20, 0.05, 0.66, 0.31~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.62, 0.63, 0.89, 2.48, 0.21~
## $ lq_total_annual_wages           <dbl> 1.00, 0.76, 0.78, 1.08, 3.25, 0.24~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.23, 1.23, 1.22, 1.31, 1.16~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.23, 1.23, 1.22, 1.31, 1.16~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 385, 2, 2, 0, 0, 1, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.7, 6.5, 6.5, 0.0, 0.0, 3.7, 0.0,~
## $ oty_annual_avg_emplvl_chg       <dbl> 10733, -111, -111, 17, -112, -22, ~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 3.0, -1.9, -1.9, 0.6, -5.0, -2.1, ~
```

```
## $ oty_total_annual_wages_chg          <dbl> 593853544, -6203336, -6203336, -17~
## $ oty_total_annual_wages_pct_chg      <dbl> 6.9, -2.5, -2.5, -1.7, -2.9, -3.9,~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 18, -5, -5, -17, 19, -16, -17, -7,~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 3.9, -0.6, -0.6, -2.3, 2.2, -2.0, ~
## $ oty_avg_annual_pay_chg              <dbl> 908, -263, -263, -879, 990, -784, ~
## $ oty_avg_annual_pay_pct_chg          <dbl> 3.8, -0.6, -0.6, -2.3, 2.2, -1.9, ~
## Fips loop: 2.786 sec elapsed
## [1] "'Middle' loop with FIPS = 12107"

## Rows: 201 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 201
## Columns: 43
## $ area_fips                   <dbl> 12107, 12107, 12107, 12107, 12107,~
## $ own_code                    <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code               <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                 <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                        <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                         <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                  <chr> "Putnam County, Florida", "Putnam ~
## $ own_title                   <chr> "Total Covered", "Federal Governme~
## $ industry_title              <chr> "Total, all industries", "Total, a~
## $ agglvl_title                <chr> "County, Total Covered", "County, ~
## $ size_title                  <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count     <dbl> 1114, 10, 10, 1, 1, 8, 1, 1, 1, 1,~
## $ annual_avg_emplvl           <dbl> 18843, 147, 147, 97, 18, 32, 97, 9~
## $ total_annual_wages          <dbl> 424602325, 4852749, 4852749, 32559~
## $ taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage        <dbl> 433, 636, 636, 645, 598, 628, 645,~
## $ avg_annual_pay              <dbl> 22533, 33049, 33049, 33538, 31086,~
## $ lq_disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count  <dbl> 1.00, 1.26, 1.27, 0.34, 5.34, 1.88~
## $ lq_annual_avg_emplvl        <dbl> 1.00, 0.30, 0.31, 0.62, 1.73, 0.13~
## $ lq_total_annual_wages       <dbl> 1.00, 0.33, 0.34, 0.74, 1.80, 0.13~
## $ lq_taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage     <dbl> 1.00, 1.08, 1.08, 1.18, 1.05, 1.01~
## $ lq_avg_annual_pay           <dbl> 1.00, 1.08, 1.08, 1.18, 1.05, 1.01~
## $ oty_disclosure_code         <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg      <dbl> 46, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 4.3, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> 484, -5, -5, -3, -1, -1, -3, -3, -~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 2.6, -3.3, -3.3, -3.0, -5.3, -3.0,~
## $ oty_total_annual_wages_chg           <dbl> 36681970, 101166, 101166, 2175, 37~
## $ oty_total_annual_wages_pct_chg       <dbl> 9.5, 2.1, 2.1, 0.1, 7.2, 6.3, 0.1,~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 27, 35, 35, 20, 70, 58, 20, 20, 20~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 6.7, 5.8, 5.8, 3.2, 13.3, 10.2, 3.~
## $ oty_avg_annual_pay_chg               <dbl> 1403, 1789, 1789, 1027, 3636, 3015~
## $ oty_avg_annual_pay_pct_chg           <dbl> 6.6, 5.7, 5.7, 3.2, 13.2, 10.2, 3.~
## Fips loop: 0.674 sec elapsed
## [1] "'Middle' loop with FIPS = 12109"

## Rows: 426 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 426
## Columns: 43
## $ area_fips                <dbl> 12109, 12109, 12109, 12109, 12109,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "St. Johns County, Florida", "St. ~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 2572, 11, 11, 1, 2, 8, 1, 1, 1, 1,~
## $ annual_avg_emplvl        <dbl> 31692, 353, 353, 144, 31, 178, 144~
## $ total_annual_wages       <dbl> 669159043, 11992325, 11992325, 539~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage     <dbl> 406, 654, 654, 719, 512, 625, 719,~
## $ avg_annual_pay           <dbl> 21115, 33989, 33989, 37406, 26619,~
## $ lq_disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 0.60, 0.60, 0.15, 5.50, 0.82~
## $ lq_annual_avg_emplvl     <dbl> 1.00, 0.44, 0.45, 0.55, 1.90, 0.44~
## $ lq_total_annual_wages    <dbl> 1.00, 0.51, 0.53, 0.78, 3.37, 0.47~
## $ lq_taxable_annual_wages  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.18, 1.18, 1.41, 1.78, 1.07~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.18, 1.18, 1.41, 1.78, 1.07~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 132, -1, -1, 0, 0, -1, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.4, -8.3, -8.3, 0.0, 0.0, -11.1, ~
## $ oty_annual_avg_emplvl_chg         <dbl> 1112, 8, 8, 12, -1, -3, 12, 12, 12~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 3.6, 2.3, 2.3, 9.1, -3.1, -1.7, 9.~
## $ oty_total_annual_wages_chg        <dbl> 69908641, 665836, 665836, 97905, 3~
## $ oty_total_annual_wages_pct_chg    <dbl> 11.7, 5.9, 5.9, 1.8, 3.9, 10.2, 1.~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 29, 22, 22, -54, 42, 67, -54, -54,~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 7.7, 3.5, 3.5, -7.0, 8.9, 12.0, -7~
## $ oty_avg_annual_pay_chg            <dbl> 1519, 1135, 1135, -2780, 2196, 348~
## $ oty_avg_annual_pay_pct_chg        <dbl> 7.8, 3.5, 3.5, -6.9, 9.0, 12.0, -6~
## Fips loop: 1.279 sec elapsed
## [1] "'Middle' loop with FIPS = 12111"

## Rows: 465 Columns: 43

## -- Column specification -------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 465
## Columns: 43
## $ area_fips              <dbl> 12111, 12111, 12111, 12111, 12111,~
## $ own_code              <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code         <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code           <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                  <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                   <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title            <chr> "St. Lucie County, Florida", "St. ~
## $ own_title             <chr> "Total Covered", "Federal Governme~
## $ industry_title        <chr> "Total, all industries", "Total, a~
## $ agglvl_title          <chr> "County, Total Covered", "County, ~
## $ size_title            <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count <dbl> 3333, 19, 19, 1, 1, 2, 15, 1, 1, 1~
## $ annual_avg_emplvl     <dbl> 47209, 472, 472, 316, 2, 6, 148, 3~
## $ total_annual_wages    <dbl> 1058250246, 18646113, 18646113, 12~
## $ taxable_annual_wages  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage  <dbl> 431, 759, 759, 731, 597, 984, 814,~
## $ avg_annual_pay        <dbl> 22416, 39491, 39491, 38000, 31027,~
## $ lq_disclosure_code    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

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## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.80, 0.80, 0.11, 1.78, 4.24~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.39, 0.40, 0.81, 0.08, 0.25~
## $ lq_total_annual_wages             <dbl> 1.00, 0.51, 0.52, 1.09, 0.08, 0.80~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.29, 1.29, 1.35, 1.06, 3.22~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.29, 1.29, 1.35, 1.06, 3.23~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.0, 5.6, 5.6, 0.0, 0.0, 0.0, 7.1,~
## $ oty_annual_avg_emplvl_chg         <dbl> 241, -1, -1, -2, 0, 0, 1, -2, -2, ~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 0.5, -0.2, -0.2, -0.6, 0.0, 0.0, 0~
## $ oty_total_annual_wages_chg        <dbl> 38365009, 139428, 139428, 83832, 7~
## $ oty_total_annual_wages_pct_chg    <dbl> 3.8, 0.8, 0.8, 0.7, 12.8, 9.9, 0.3~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 13, 7, 7, 10, 68, 88, -2, 10, 10, ~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.1, 0.9, 0.9, 1.4, 12.9, 9.8, -0.~
## $ oty_avg_annual_pay_chg            <dbl> 701, 385, 385, 502, 3525, 4610, -1~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.2, 1.0, 1.0, 1.3, 12.8, 9.9, -0.~
## Fips loop: 1.415 sec elapsed
## [1] "'Middle' loop with FIPS = 12113"

## Rows: 306 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 306
## Columns: 43
## $ area_fips                 <dbl> 12113, 12113, 12113, 12113, 12113,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 74~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Santa Rosa County, Florida", "San~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 1635, 16, 16, 2, 1, 3, 7, 1, 1, 1,~
## $ annual_avg_emplvl         <dbl> 21525, 706, 706, 228, 5, 171, 293,~
## $ total_annual_wages        <dbl> 431568285, 22500847, 22500847, 626~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

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```
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 386, 613, 613, 528, 642, 336, 832,~
## $ avg_annual_pay                  <dbl> 20050, 31878, 31878, 27477, 33393,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 1.38, 1.38, 0.47, 2.49, 12.9~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 1.28, 1.32, 1.28, 0.98, 15.4~
## $ lq_total_annual_wages           <dbl> 1.00, 1.50, 1.54, 1.39, 1.03, 19.0~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.17, 1.17, 1.09, 0.97, 1.23~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.17, 1.17, 1.09, 0.97, 1.23~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 59, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.7, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg       <dbl> 1056, 11, 11, 1, 0, 11, -1, -4, 5,~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 5.2, 1.6, 1.6, 0.4, 0.0, 6.9, -0.3~
## $ oty_total_annual_wages_chg      <dbl> 25966896, 637745, 637745, 38691, 7~
## $ oty_total_annual_wages_pct_chg  <dbl> 6.4, 2.9, 2.9, 0.6, 4.5, 2.7, 3.8,~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 5, 8, 8, 0, -2, -14, 34, -14, -4, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 1.3, 1.3, 1.3, 0.0, -0.3, -4.0, 4.~
## $ oty_avg_annual_pay_chg          <dbl> 234, 405, 405, 29, -93, -699, 1774~
## $ oty_avg_annual_pay_pct_chg      <dbl> 1.2, 1.3, 1.3, 0.1, -0.3, -3.8, 4.~
## Fips loop: 0.956 sec elapsed
## [1] "'Middle' loop with FIPS = 12115"

## Rows: 802 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 802
## Columns: 43
## $ area_fips                       <dbl> 12115, 12115, 12115, 12115, 12115,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Sarasota County, Florida", "Saras~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
```

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```
## $ annual_avg_estabs_count              <dbl> 9876, 15, 14, 1, 13, 1, 1, 1, 1, 1~
## $ annual_avg_emplvl                    <dbl> 118609, 851, 851, 699, 152, 699, 6~
## $ total_annual_wages                   <dbl> 2760024055, 34210533, 34204509, 27~
## $ taxable_annual_wages                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                 <dbl> 447, 773, 773, 748, 888, 748, 748,~
## $ avg_annual_pay                       <dbl> 23270, 40185, 40193, 38886, 46190,~
## $ lq_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count           <dbl> 1.00, 0.21, 0.20, 0.04, 0.35, 0.04~
## $ lq_annual_avg_emplvl                 <dbl> 1.00, 0.28, 0.29, 0.71, 0.10, 0.77~
## $ lq_total_annual_wages                <dbl> 1.00, 0.36, 0.37, 0.95, 0.14, 1.00~
## $ lq_taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 1.27, 1.27, 1.33, 1.38, 1.30~
## $ lq_avg_annual_pay                    <dbl> 1.00, 1.27, 1.27, 1.33, 1.38, 1.30~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 217, -2, -2, 0, -2, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 2.2, -11.8, -12.5, 0.0, -13.3, 0.0~
## $ oty_annual_avg_emplvl_chg            <dbl> -2877, 2, 2, 1, 1, 1, 1, 1, 1, 1, ~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> -2.4, 0.2, 0.2, 0.1, 0.7, 0.1, 0.1~
## $ oty_total_annual_wages_chg           <dbl> 125156746, 453598, 455181, 142662,~
## $ oty_total_annual_wages_pct_chg       <dbl> 4.8, 1.3, 1.3, 0.5, 4.6, 0.5, 0.5,~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 30, 8, 8, 3, 31, 3, 3, 3, 3, 3, 31~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 7.2, 1.0, 1.0, 0.4, 3.6, 0.4, 0.4,~
## $ oty_avg_annual_pay_chg               <dbl> 1581, 416, 426, 158, 1613, 158, 15~
## $ oty_avg_annual_pay_pct_chg           <dbl> 7.3, 1.0, 1.1, 0.4, 3.6, 0.4, 0.4,~
## Fips loop: 2.276 sec elapsed
## [1] "'Middle' loop with FIPS = 12123"

## Rows: 88 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 88
## Columns: 43
## $ area_fips                            <dbl> 12123, 12123, 12123, 12123, 12123,~
## $ own_code                             <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                        <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                          <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                 <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                  <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                      <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                           <chr> "Taylor County, Florida", "Taylor ~
```

```
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 420, 3, 3, 1, 2, 1, 1, 1, 1, 1, 2,~
## $ annual_avg_emplvl                   <dbl> 6438, 35, 35, 34, 2, 34, 34, 34, 3~
## $ total_annual_wages                  <dbl> 150352291, 1089185, 1089185, 10441~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 449, 594, 594, 596, 547, 596, 596,~
## $ avg_annual_pay                      <dbl> 23354, 30899, 30899, 31013, 28462,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 1.00, 1.01, 0.91, 1.25, 0.93~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 0.21, 0.22, 0.64, 0.02, 0.69~
## $ lq_total_annual_wages               <dbl> 1.00, 0.21, 0.21, 0.67, 0.02, 0.71~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 0.97, 0.97, 1.05, 0.85, 1.03~
## $ lq_avg_annual_pay                   <dbl> 1.00, 0.97, 0.97, 1.06, 0.85, 1.03~
## $ oty_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 10, -1, -1, 0, -1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.4, -25.0, -25.0, 0.0, -33.3, 0.0~
## $ oty_annual_avg_emplvl_chg           <dbl> 340, -4, -4, 0, -3, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 5.6, -10.3, -10.3, 0.0, -60.0, 0.0~
## $ oty_total_annual_wages_chg          <dbl> 3505052, -117221, -117221, 21722, ~
## $ oty_total_annual_wages_pct_chg      <dbl> 2.4, -9.7, -9.7, 2.1, -75.5, 2.1, ~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> -14, 3, 3, 25, -185, 25, 25, 25, 2~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> -3.0, 0.5, 0.5, 4.4, -25.3, 4.4, 4~
## $ oty_avg_annual_pay_chg              <dbl> -726, 163, 163, 1307, -9609, 1307,~
## $ oty_avg_annual_pay_pct_chg          <dbl> -3.0, 0.5, 0.5, 4.4, -25.2, 4.4, 4~
## Fips loop: 0.429 sec elapsed
## [1] "'Middle' loop with FIPS = 12127"

## Rows: 842 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 842
## Columns: 43
## $ area_fips                           <dbl> 12127, 12127, 12127, 12127, 12127,~
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                       <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                          <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                           <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                    <chr> "Volusia County, Florida", "Volusi~
## $ own_title                     <chr> "Total Covered", "Federal Governme~
## $ industry_title                <chr> "Total, all industries", "Total, a~
## $ agglvl_title                  <chr> "County, Total Covered", "County, ~
## $ size_title                    <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count       <dbl> 9318, 22, 22, 2, 1, 1, 1, 1, 16, 2~
## $ annual_avg_emplvl             <dbl> 133933, 1256, 1256, 1049, 6, 8, 69~
## $ total_annual_wages            <dbl> 2751025755, 50325343, 50325343, 41~
## $ taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage          <dbl> 395, 770, 770, 756, 557, 743, 1086~
## $ avg_annual_pay                <dbl> 20540, 40057, 40057, 39290, 28970,~
## $ lq_disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count    <dbl> 1.00, 0.33, 0.33, 0.08, 0.44, 0.64~
## $ lq_annual_avg_emplvl          <dbl> 1.00, 0.37, 0.38, 0.95, 0.19, 0.11~
## $ lq_total_annual_wages         <dbl> 1.00, 0.52, 0.54, 1.44, 0.16, 0.15~
## $ lq_taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage       <dbl> 1.00, 1.43, 1.43, 1.52, 0.82, 1.44~
## $ lq_avg_annual_pay             <dbl> 1.00, 1.43, 1.43, 1.52, 0.82, 1.44~
## $ oty_disclosure_code           <chr> NA, NA, NA, NA, NA, NA, "N", NA, N~
## $ oty_annual_avg_estabs_count_chg <dbl> 144, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.6, 4.8, 4.8, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg     <dbl> 4340, 79, 79, 10, 0, -2, 0, 0, 2, ~
## $ oty_annual_avg_emplvl_pct_chg <dbl> 3.3, 6.7, 6.7, 1.0, 0.0, -20.0, 0.~
## $ oty_total_annual_wages_chg    <dbl> 145419579, 4521839, 4521839, 57680~
## $ oty_total_annual_wages_pct_chg <dbl> 5.6, 9.9, 9.9, 1.4, 29.9, -35.4, 0~
## $ oty_taxable_annual_wages_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg  <dbl> 8, 22, 22, 4, 89, -134, 0, 26, 11,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.1, 2.9, 2.9, 0.5, 19.0, -15.3, 0~
## $ oty_avg_annual_pay_chg        <dbl> 434, 1144, 1144, 189, 4635, -6996,~
## $ oty_avg_annual_pay_pct_chg    <dbl> 2.2, 2.9, 2.9, 0.5, 19.0, -15.3, 0~
## Fips loop: 2.369 sec elapsed
## [1] "'Middle' loop with FIPS = 12129"

## Rows: 73 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 73
## Columns: 43
## $ area_fips                     <dbl> 12129, 12129, 12129, 12129, 12129,~
```

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```
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                       <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                          <chr> "Wakulla County, Florida", "Wakull~
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 253, 4, 4, 1, 3, 1, 1, 1, 1, 1, 3,~
## $ annual_avg_emplvl                   <dbl> 3101, 70, 70, 29, 41, 29, 29, 29, ~
## $ total_annual_wages                  <dbl> 60173152, 1916564, 1916564, 912538~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 373, 526, 526, 600, 473, 600, 600,~
## $ avg_annual_pay                      <dbl> 19402, 27347, 27347, 31198, 24588,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 2.22, 2.23, 1.51, 3.11, 1.55~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 0.88, 0.91, 1.13, 1.03, 1.23~
## $ lq_total_annual_wages               <dbl> 1.00, 0.91, 0.94, 1.46, 0.90, 1.54~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 1.04, 1.04, 1.28, 0.88, 1.25~
## $ lq_avg_annual_pay                   <dbl> 1.00, 1.04, 1.04, 1.28, 0.88, 1.25~
## $ oty_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.7, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg           <dbl> 189, 2, 2, 5, -2, 5, 5, 5, 5, 5, -~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 6.5, 2.9, 2.9, 20.8, -4.7, 20.8, 2~
## $ oty_total_annual_wages_chg          <dbl> 2961201, -50473, -50473, 119679, -~
## $ oty_total_annual_wages_pct_chg      <dbl> 5.2, -2.6, -2.6, 15.1, -14.5, 15.1~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> -5, -33, -33, -24, -49, -24, -24, ~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> -1.3, -5.9, -5.9, -3.8, -9.4, -3.8~
## $ oty_avg_annual_pay_chg              <dbl> -244, -1723, -1723, -1274, -2561, ~
## $ oty_avg_annual_pay_pct_chg          <dbl> -1.2, -5.9, -5.9, -3.9, -9.4, -3.9~
## Fips loop: 0.339 sec elapsed
## [1] "'Middle' loop with FIPS = 12131"

## Rows: 155 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 155
## Columns: 43
## $ area_fips                       <dbl> 12131, 12131, 12131, 12131, 12131,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Walton County, Florida", "Walton ~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 615, 7, 7, 1, 1, 5, 1, 1, 1, 1, 1,~
## $ annual_avg_emplvl               <dbl> 9057, 81, 81, 48, 4, 29, 48, 48, 4~
## $ total_annual_wages              <dbl> 159055231, 2643734, 2643734, 14991~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 338, 629, 629, 603, 606, 675, 603,~
## $ avg_annual_pay                  <dbl> 17561, 32706, 32706, 31342, 31508,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 1.60, 1.61, 0.62, 6.61, 2.13~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.35, 0.36, 0.64, 1.87, 0.25~
## $ lq_total_annual_wages           <dbl> 1.00, 0.48, 0.49, 0.91, 1.91, 0.35~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.37, 1.37, 1.42, 1.04, 1.39~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.37, 1.37, 1.42, 1.04, 1.39~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_emplvl_chg       <dbl> 168, -2, -2, 1, -2, -1, 1, 1, 1, 1~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 1.9, -2.4, -2.4, 2.1, -33.3, -3.3,~
## $ oty_total_annual_wages_chg      <dbl> 9548880, 138327, 138327, 58657, -9~
## $ oty_total_annual_wages_pct_chg  <dbl> 6.4, 5.5, 5.5, 4.1, -6.9, 9.5, 4.1~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 15, 46, 46, 10, 175, 76, 10, 10, 1~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 4.6, 7.9, 7.9, 1.7, 40.6, 12.7, 1.~
## $ oty_avg_annual_pay_chg          <dbl> 741, 2368, 2368, 529, 9116, 3944, ~
## $ oty_avg_annual_pay_pct_chg      <dbl> 4.4, 7.8, 7.8, 1.7, 40.7, 12.7, 1.~
## Fips loop: 0.536 sec elapsed
## [1] "'Middle' loop with FIPS = 13025"

## Rows: 47 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 47
## Columns: 43
## $ area_fips                      <dbl> 13025, 13025, 13025, 13025, 13025,~
## $ own_code                       <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                  <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                    <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Brantley County, Georgia", "Brant~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 151, 5, 5, 3, 2, 3, 3, 3, 3, 3, 2,~
## $ annual_avg_emplvl              <dbl> 1477, 25, 25, 21, 4, 21, 21, 21, 2~
## $ total_annual_wages             <dbl> 28012242, 635807, 635807, 515234, ~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 365, 492, 492, 478, 568, 478, 478,~
## $ avg_annual_pay                 <dbl> 18969, 25603, 25603, 24831, 29528,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 4.66, 4.68, 7.57, 3.48, 7.77~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 0.66, 0.68, 1.72, 0.21, 1.86~
## $ lq_total_annual_wages          <dbl> 1.00, 0.65, 0.67, 1.77, 0.23, 1.87~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 0.99, 0.99, 1.04, 1.08, 1.02~
## $ lq_avg_annual_pay              <dbl> 1.00, 0.99, 0.99, 1.04, 1.08, 1.02~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 3, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.0, 25.0, 25.0, 0.0, 100.0, 0.0, ~
## $ oty_annual_avg_emplvl_chg      <dbl> -44, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1,~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> -2.9, 4.2, 4.2, 0.0, 33.3, 0.0, 0.~
## $ oty_total_annual_wages_chg     <dbl> 978749, -5144, -5144, -31786, 2664~
## $ oty_total_annual_wages_pct_chg <dbl> 3.6, -0.8, -0.8, -5.8, 28.4, -5.8,~
## $ oty_taxable_annual_wages_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg   <dbl> 23, -23, -23, -29, -2, -29, -29, -~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 6.7, -4.5, -4.5, -5.7, -0.4, -5.7,~
## $ oty_avg_annual_pay_chg         <dbl> 1193, -1196, -1196, -1531, -134, -~
## $ oty_avg_annual_pay_pct_chg     <dbl> 6.7, -4.5, -4.5, -5.8, -0.5, -5.8,~
## Fips loop: 0.255 sec elapsed
## [1] "'Middle' loop with FIPS = 13029"
```

```
## Rows: 80 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 80
## Columns: 43
## $ area_fips                        <dbl> 13029, 13029, 13029, 13029, 13029,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 2~
## $ industry_code                    <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Bryan County, Georgia", "Bryan Co~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 296, 2, 2, 2, 2, 2, 2, 2, 2, 12, 1~
## $ annual_avg_emplvl                <dbl> 3427, 32, 32, 32, 32, 32, 32, 32, ~
## $ total_annual_wages               <dbl> 55449223, 898773, 898773, 898773, ~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 311, 535, 535, 535, 535, 535, 535,~
## $ avg_annual_pay                   <dbl> 16179, 27797, 27797, 27797, 27797,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.95, 0.95, 2.58, 2.64, 2.69~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.36, 0.37, 1.13, 1.22, 1.27~
## $ lq_total_annual_wages            <dbl> 1.00, 0.47, 0.48, 1.56, 1.65, 1.75~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.26, 1.26, 1.37, 1.33, 1.36~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.26, 1.26, 1.37, 1.33, 1.36~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 7, -1, -1, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.4, -33.3, -33.3, 0.0, 0.0, 0.0, ~
## $ oty_annual_avg_emplvl_chg        <dbl> 188, 2, 2, 3, 3, 3, 3, 3, 3, -3, -~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 5.8, 6.7, 6.7, 10.3, 10.3, 10.3, 1~
## $ oty_total_annual_wages_chg       <dbl> 4046528, 13620, 13620, 58937, 5893~
## $ oty_total_annual_wages_pct_chg   <dbl> 7.9, 1.5, 1.5, 7.0, 7.0, 7.0, 7.0,~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 6, -29, -29, -30, -30, -30, -30, -~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.0, -5.1, -5.1, -5.3, -5.3, -5.3,~
```

```
## $ oty_avg_annual_pay_chg                 <dbl> 307, -1545, -1545, -1585, -1585, -~
## $ oty_avg_annual_pay_pct_chg             <dbl> 1.9, -5.3, -5.3, -5.4, -5.4, -5.4,~
## Fips loop: 0.402 sec elapsed
## [1] "'Middle' loop with FIPS = 13039"

## Rows: 138 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 138
## Columns: 43
## $ area_fips                        <dbl> 13039, 13039, 13039, 13039, 13039,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Camden County, Georgia", "Camden ~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 628, 10, 10, 4, 6, 4, 4, 4, 4, 4, ~
## $ annual_avg_emplvl                <dbl> 12657, 2555, 2555, 47, 2508, 47, 4~
## $ total_annual_wages               <dbl> 315897939, 92372207, 92372207, 138~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 480, 695, 695, 562, 698, 562, 562,~
## $ avg_annual_pay                   <dbl> 24959, 36155, 36155, 29226, 36285,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 2.24, 2.25, 2.43, 2.51, 2.49~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 7.89, 8.10, 0.45, 15.40, 0.4~
## $ lq_total_annual_wages            <dbl> 1.00, 8.39, 8.62, 0.42, 15.57, 0.4~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.06, 1.06, 0.93, 1.01, 0.91~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.06, 1.06, 0.93, 1.01, 0.91~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 17, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.8, 11.1, 11.1, 0.0, 20.0, 0.0, 0~
## $ oty_annual_avg_emplvl_chg        <dbl> 256, -22, -22, 3, -25, 3, 3, 3, 3,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 2.1, -0.9, -0.9, 6.8, -1.0, 6.8, 6~
## $ oty_total_annual_wages_chg       <dbl> 17365528, 5395031, 5395031, 31316,~
## $ oty_total_annual_wages_pct_chg   <dbl> 5.8, 6.2, 6.2, 2.3, 6.3, 2.3, 2.3,~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 17, 46, 46, -23, 48, -23, -23, -23~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.7, 7.1, 7.1, -3.9, 7.4, -3.9, -3~
## $ oty_avg_annual_pay_chg           <dbl> 885, 2404, 2404, -1214, 2476, -121~
## $ oty_avg_annual_pay_pct_chg       <dbl> 3.7, 7.1, 7.1, -4.0, 7.3, -4.0, -4~
## Fips loop: 0.484 sec elapsed
## [1] "'Middle' loop with FIPS = 13049"

## Rows: 50 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 50
## Columns: 43
## $ area_fips                        <dbl> 13049, 13049, 13049, 13049, 13049,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Charlton County, Georgia", "Charl~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 180, 4, 4, 3, 1, 3, 3, 3, 3, 3, 1,~
## $ annual_avg_emplvl                <dbl> 1916, 53, 53, 15, 38, 15, 15, 15, ~
## $ total_annual_wages               <dbl> 32424395, 1332453, 1332453, 436831~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 325, 481, 481, 560, 450, 560, 560,~
## $ avg_annual_pay                   <dbl> 16919, 25023, 25023, 29122, 23415,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 3.12, 3.14, 6.35, 1.46, 6.52~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 1.08, 1.11, 0.95, 1.54, 1.03~
## $ lq_total_annual_wages            <dbl> 1.00, 1.18, 1.21, 1.29, 1.49, 1.37~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.09, 1.09, 1.37, 0.96, 1.34~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.09, 1.09, 1.37, 0.96, 1.34~
## $ oty_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> -62, 2, 2, 0, 2, 0, 0, 0, 0, 0, 2,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> -3.1, 3.9, 3.9, 0.0, 5.6, 0.0, 0.0~
```

```
## $ oty_total_annual_wages_chg          <dbl> 1277378, 235936, 235936, 262, 2356~
## $ oty_total_annual_wages_pct_chg      <dbl> 4.1, 21.5, 21.5, 0.1, 35.7, 0.1, 0~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 22, 69, 69, -6, 101, -6, -6, -6, -~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 7.3, 16.7, 16.7, -1.1, 28.9, -1.1,~
## $ oty_avg_annual_pay_chg              <dbl> 1172, 3593, 3593, -310, 5251, -310~
## $ oty_avg_annual_pay_pct_chg          <dbl> 7.4, 16.8, 16.8, -1.1, 28.9, -1.1,~
## Fips loop: 0.314 sec elapsed
## [1] "'Middle' loop with FIPS = 13051"

## Rows: 659 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 659
## Columns: 43
## $ area_fips                 <dbl> 13051, 13051, 13051, 13051, 13051,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Chatham County, Georgia", "Chatha~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 5950, 40, 40, 3, 1, 36, 3, 1, 1, 1~
## $ annual_avg_emplvl         <dbl> 114008, 2874, 2874, 710, 9, 2154, ~
## $ total_annual_wages        <dbl> 2761863575, 99983862, 99983862, 27~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage      <dbl> 466, 669, 669, 754, 736, 641, 754,~
## $ avg_annual_pay            <dbl> 24225, 34792, 34792, 39214, 38253,~
## $ lq_disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 0.95, 0.95, 0.19, 1.00, 1.59~
## $ lq_annual_avg_emplvl      <dbl> 1.00, 0.98, 1.01, 0.75, 0.14, 1.47~
## $ lq_total_annual_wages     <dbl> 1.00, 1.04, 1.07, 0.97, 0.17, 1.40~
## $ lq_taxable_annual_wages   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage   <dbl> 1.00, 1.05, 1.05, 1.29, 1.21, 0.96~
## $ lq_avg_annual_pay         <dbl> 1.00, 1.05, 1.06, 1.29, 1.21, 0.96~
## $ oty_disclosure_code       <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg      <dbl> 74, -3, -3, 0, 0, -3, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 1.3, -7.0, -7.0, 0.0, 0.0, -7.7, 0~
## $ oty_annual_avg_emplvl_chg            <dbl> 2690, 48, 48, 6, 1, 40, 6, -2, -2,~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 2.4, 1.7, 1.7, 0.9, 12.5, 1.9, 0.9~
## $ oty_total_annual_wages_chg           <dbl> 145219732, 406536, 406536, 346101,~
## $ oty_total_annual_wages_pct_chg       <dbl> 5.5, 0.4, 0.4, 1.3, -0.6, 0.1, 1.3~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 14, -9, -9, 2, -142, -11, 2, 46, 4~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 3.1, -1.3, -1.3, 0.3, -16.2, -1.7,~
## $ oty_avg_annual_pay_chg               <dbl> 719, -450, -450, 121, -7423, -603,~
## $ oty_avg_annual_pay_pct_chg           <dbl> 3.1, -1.3, -1.3, 0.3, -16.3, -1.8,~
## Fips loop: 1.927 sec elapsed
## [1] "'Middle' loop with FIPS = 13127"

## Rows: 342 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 342
## Columns: 43
## $ area_fips                <dbl> 13127, 13127, 13127, 13127, 13127,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1025",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Glynn County, Georgia", "Glynn Co~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 2210, 37, 37, 3, 1, 33, 3, 1, 1, 1~
## $ annual_avg_emplvl        <dbl> 34241, 1154, 1154, 136, 421, 598, ~
## $ total_annual_wages       <dbl> 734695976, 53143329, 53143329, 501~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage     <dbl> 413, 885, 885, 708, 865, 940, 708,~
## $ avg_annual_pay           <dbl> 21457, 46035, 46035, 36837, 45003,~
## $ lq_disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 2.35, 2.36, 0.52, 6.95, 3.92~
## $ lq_annual_avg_emplvl     <dbl> 1.00, 1.32, 1.35, 0.48, 5.31, 1.36~
## $ lq_total_annual_wages    <dbl> 1.00, 2.08, 2.13, 0.66, 7.85, 2.15~
## $ lq_taxable_annual_wages  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.57, 1.57, 1.36, 1.48, 1.58~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.58, 1.58, 1.36, 1.48, 1.58~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 54, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 1586, 6, 6, 4, -8, 11, 4, 0, 0, 0,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 4.9, 0.5, 0.5, 3.0, -1.9, 1.9, 3.0~
## $ oty_total_annual_wages_chg       <dbl> 53738188, 2759873, 2759873, 270651~
## $ oty_total_annual_wages_pct_chg   <dbl> 7.9, 5.5, 5.5, 5.7, 1.4, 8.2, 5.7,~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 12, 41, 41, 16, 29, 56, 16, 47, 47~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.0, 4.9, 4.9, 2.3, 3.5, 6.3, 2.3,~
## $ oty_avg_annual_pay_chg           <dbl> 604, 2160, 2160, 865, 1532, 2909, ~
## $ oty_avg_annual_pay_pct_chg       <dbl> 2.9, 4.9, 4.9, 2.4, 3.5, 6.3, 2.4,~
## Fips loop: 1.015 sec elapsed
## [1] "'Middle' loop with FIPS = 13179"

## Rows: 122 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 122
## Columns: 43
## $ area_fips                <dbl> 13179, 13179, 13179, 13179, 13179,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Liberty County, Georgia", "Libert~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 621, 11, 11, 4, 7, 4, 4, 4, 4, 4, ~
## $ annual_avg_emplvl        <dbl> 11628, 3018, 3018, 71, 2948, 71, 7~
## $ total_annual_wages       <dbl> 219501251, 61227975, 61227975, 237~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage     <dbl> 363, 390, 390, 645, 384, 645, 645,~
## $ avg_annual_pay           <dbl> 18878, 20285, 20285, 33550, 19967,~
## $ lq_disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 2.49, 2.50, 2.46, 2.96, 2.52~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 10.14, 10.41, 0.74, 19.71, 0~
## $ lq_total_annual_wages           <dbl> 1.00, 8.00, 8.23, 1.04, 14.49, 1.1~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 0.79, 0.79, 1.41, 0.74, 1.38~
## $ lq_avg_annual_pay               <dbl> 1.00, 0.79, 0.79, 1.41, 0.74, 1.38~
## $ oty_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 27, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg       <dbl> 289, -161, -161, 2, -163, 2, 2, 2,~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 2.5, -5.1, -5.1, 2.9, -5.2, 2.9, 2~
## $ oty_total_annual_wages_chg      <dbl> 10466490, -4354244, -4354244, 3299~
## $ oty_total_annual_wages_pct_chg  <dbl> 5.0, -6.6, -6.6, 1.4, -6.9, 1.4, 1~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 8, -7, -7, -13, -7, -13, -13, -13,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.3, -1.8, -1.8, -2.0, -1.8, -2.0,~
## $ oty_avg_annual_pay_chg          <dbl> 443, -343, -343, -661, -362, -661,~
## $ oty_avg_annual_pay_pct_chg      <dbl> 2.4, -1.7, -1.7, -1.9, -1.8, -1.9,~
## Fips loop: 0.465 sec elapsed
## [1] "'Middle' loop with FIPS = 13191"

## Rows: 51 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 51
## Columns: 43
## $ area_fips               <dbl> 13191, 13191, 13191, 13191, 13191,~
## $ own_code                <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code           <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code             <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                    <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                     <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title              <chr> "McIntosh County, Georgia", "McInt~
## $ own_title               <chr> "Total Covered", "Federal Governme~
## $ industry_title          <chr> "Total, all industries", "Total, a~
## $ agglvl_title            <chr> "County, Total Covered", "County, ~
## $ size_title              <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count <dbl> 166, 4, 4, 3, 1, 3, 3, 3, 3, 3, 1,~
## $ annual_avg_emplvl       <dbl> 1824, 24, 24, 17, 8, 17, 17, 17, 1~
## $ total_annual_wages      <dbl> 28315666, 605265, 605265, 432285, ~
## $ taxable_annual_wages    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                   <dbl> 299, 477, 477, 504, 420, 504, 504,~
## $ avg_annual_pay                         <dbl> 15526, 24789, 24789, 26199, 21850,~
## $ lq_disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count             <dbl> 1.00, 3.39, 3.40, 6.89, 1.58, 7.07~
## $ lq_annual_avg_emplvl                   <dbl> 1.00, 0.51, 0.53, 1.13, 0.34, 1.22~
## $ lq_total_annual_wages                  <dbl> 1.00, 0.61, 0.63, 1.47, 0.33, 1.55~
## $ lq_taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage                <dbl> 1.00, 1.17, 1.17, 1.34, 0.98, 1.31~
## $ lq_avg_annual_pay                      <dbl> 1.00, 1.17, 1.17, 1.34, 0.98, 1.31~
## $ oty_disclosure_code                    <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg        <dbl> 18, -1, -1, -1, 0, -1, -1, -1, -1,~
## $ oty_annual_avg_estabs_count_pct_chg    <dbl> 12.2, -20.0, -20.0, -25.0, 0.0, -2~
## $ oty_annual_avg_emplvl_chg              <dbl> 209, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0,~
## $ oty_annual_avg_emplvl_pct_chg          <dbl> 12.9, 4.3, 4.3, 6.2, 0.0, 6.2, 6.2~
## $ oty_total_annual_wages_chg             <dbl> 3050028, 65968, 65968, 21506, 4446~
## $ oty_total_annual_wages_pct_chg         <dbl> 12.1, 12.2, 12.2, 5.2, 34.6, 5.2, ~
## $ oty_taxable_annual_wages_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg           <dbl> -2, 31, 31, -3, 98, -3, -3, -3, -3~
## $ oty_annual_avg_wkly_wage_pct_chg       <dbl> -0.7, 7.0, 7.0, -0.6, 30.4, -0.6, ~
## $ oty_avg_annual_pay_chg                 <dbl> -122, 1593, 1593, -161, 5087, -161~
## $ oty_avg_annual_pay_pct_chg             <dbl> -0.8, 6.9, 6.9, -0.6, 30.3, -0.6, ~
## Fips loop: 0.257 sec elapsed
## [1] "'Middle' loop with FIPS = 13305"

## Rows: 119 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 119
## Columns: 43
## $ area_fips                              <dbl> 13305, 13305, 13305, 13305, 13305,~
## $ own_code                               <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                          <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                            <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                   <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                    <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                             <chr> "Wayne County, Georgia", "Wayne Co~
## $ own_title                              <chr> "Total Covered", "Federal Governme~
## $ industry_title                         <chr> "Total, all industries", "Total, a~
## $ agglvl_title                           <chr> "County, Total Covered", "County, ~
## $ size_title                             <chr> "All establishment sizes", "All es~
```

```
## $ annual_avg_estabs_count             <dbl> 476, 6, 6, 3, 3, 3, 3, 3, 3, 3, 3,~
## $ annual_avg_emplvl                   <dbl> 8506, 386, 386, 43, 343, 43, 43, 4~
## $ total_annual_wages                  <dbl> 192352979, 14892066, 14892066, 130~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 435, 743, 743, 586, 763, 586, 586,~
## $ avg_annual_pay                      <dbl> 22613, 38631, 38631, 30454, 39653,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 1.77, 1.78, 2.40, 1.65, 2.46~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 1.77, 1.82, 0.61, 3.13, 0.66~
## $ lq_total_annual_wages               <dbl> 1.00, 2.22, 2.28, 0.65, 3.82, 0.69~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 1.25, 1.25, 1.07, 1.22, 1.04~
## $ lq_avg_annual_pay                   <dbl> 1.00, 1.25, 1.26, 1.07, 1.22, 1.04~
## $ oty_disclosure_code                 <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.1, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg           <dbl> 295, 15, 15, 1, 14, 1, 1, 1, 1, 1,~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 3.6, 4.0, 4.0, 2.4, 4.3, 2.4, 2.4,~
## $ oty_total_annual_wages_chg          <dbl> 17622799, 1012923, 1012923, 74882,~
## $ oty_total_annual_wages_pct_chg      <dbl> 10.1, 7.3, 7.3, 6.1, 7.4, 6.1, 6.1~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 26, 23, 23, 16, 25, 16, 16, 16, 16~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 6.4, 3.2, 3.2, 2.8, 3.4, 2.8, 2.8,~
## $ oty_avg_annual_pay_chg              <dbl> 1333, 1213, 1213, 826, 1253, 826, ~
## $ oty_avg_annual_pay_pct_chg          <dbl> 6.3, 3.2, 3.2, 2.8, 3.3, 2.8, 2.8,~
## Fips loop: 0.465 sec elapsed
## [1] "'Middle' loop with FIPS = 15001"

## Rows: 442 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 442
## Columns: 43
## $ area_fips               <dbl> 15001, 15001, 15001, 15001, 15001,~
## $ own_code                <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code           <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code             <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                    <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                     <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title              <chr> "Hawaii County, Hawaii", "Hawaii C~
```

```
## $ own_title                             <chr> "Total Covered", "Federal Governme~
## $ industry_title                        <chr> "Total, all industries", "Total, a~
## $ agglvl_title                          <chr> "County, Total Covered", "County, ~
## $ size_title                            <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count               <dbl> 3966, 47, 47, 6, 2, 2, 6, 31, 1, 1~
## $ annual_avg_emplvl                     <dbl> 48796, 913, 913, 269, 25, 38, 196,~
## $ total_annual_wages                    <dbl> 1144618288, 30639290, 30639290, 93~
## $ taxable_annual_wages                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                  <dbl> 451, 645, 645, 668, 793, 812, 531,~
## $ avg_annual_pay                        <dbl> 23457, 33544, 33544, 34713, 41261,~
## $ lq_disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count            <dbl> 1.00, 1.67, 1.67, 0.58, 2.05, 3.00~
## $ lq_annual_avg_emplvl                  <dbl> 1.00, 0.73, 0.75, 0.67, 2.17, 1.41~
## $ lq_total_annual_wages                 <dbl> 1.00, 0.77, 0.79, 0.78, 2.18, 1.93~
## $ lq_taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage               <dbl> 1.00, 1.05, 1.05, 1.18, 1.02, 1.37~
## $ lq_avg_annual_pay                     <dbl> 1.00, 1.05, 1.05, 1.18, 1.02, 1.37~
## $ oty_disclosure_code                   <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg       <dbl> -12, 2, 2, 0, 0, 0, 0, 2, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg   <dbl> -0.3, 4.4, 4.4, 0.0, 0.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg             <dbl> -1006, 28, 28, -1, 0, 1, -2, 31, -~
## $ oty_annual_avg_emplvl_pct_chg         <dbl> -2.0, 3.2, 3.2, -0.4, 0.0, 2.7, -1~
## $ oty_total_annual_wages_chg            <dbl> 8287519, 1028233, 1028233, -170221~
## $ oty_total_annual_wages_pct_chg        <dbl> 0.7, 3.5, 3.5, -1.8, -2.1, 2.7, 6.~
## $ oty_taxable_annual_wages_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 12, 2, 2, -10, -6, 7, 35, -10, 57,~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 2.7, 0.3, 0.3, -1.5, -0.8, 0.9, 7.~
## $ oty_avg_annual_pay_chg                <dbl> 640, 101, 101, -524, -302, 379, 18~
## $ oty_avg_annual_pay_pct_chg            <dbl> 2.8, 0.3, 0.3, -1.5, -0.7, 0.9, 7.~
## Fips loop: 1.317 sec elapsed
## [1] "'Middle' loop with FIPS = 15003"

## Rows: 1092 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,092
## Columns: 43
## $ area_fips                             <dbl> 15003, 15003, 15003, 15003, 15003,~
## $ own_code                              <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                         <chr> "10", "10", "101", "1013", "102", ~
## $ agglvl_code                           <dbl> 70, 71, 72, 73, 72, 73, 73, 73, 73~
## $ size_code                             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Honolulu County, Hawaii", "Honolu~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 21878, 129, 2, 1, 127, 10, 2, 5, 3~
## $ annual_avg_emplvl                  <dbl> 405709, 29542, 4889, 4323, 24653, ~
## $ total_annual_wages                 <dbl> 11346101043, 976993012, 200073004,~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 538, 636, 787, 787, 606, 509, 767,~
## $ avg_annual_pay                     <dbl> 27966, 33072, 40927, 40928, 31514,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 0.83, 2.96, 6.43, 0.82, 0.17~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 2.84, 17.87, 17.89, 2.44, 1.~
## $ lq_total_annual_wages              <dbl> 1.00, 2.47, 18.74, 18.68, 2.02, 1.~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.87, 1.05, 1.04, 0.83, 0.75~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.87, 1.05, 1.04, 0.83, 0.75~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> -131, 3, 0, 0, 3, -1, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -0.6, 2.4, 0.0, 0.0, 2.4, -9.1, 0.~
## $ oty_annual_avg_emplvl_chg          <dbl> -2758, -436, -148, -200, -287, -31~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> -0.7, -1.5, -2.9, -4.4, -1.2, -4.7~
## $ oty_total_annual_wages_chg         <dbl> 10863509, -57680705, -40946798, -3~
## $ oty_total_annual_wages_pct_chg     <dbl> 0.1, -5.6, -17.0, -17.4, -2.1, -5.~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 4, -28, -133, -124, -6, -2, -37, 8~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 0.7, -4.2, -14.5, -13.6, -1.0, -0.~
## $ oty_avg_annual_pay_chg             <dbl> 215, -1443, -6920, -6421, -308, -8~
## $ oty_avg_annual_pay_pct_chg         <dbl> 0.8, -4.2, -14.5, -13.6, -1.0, -0.~
## Fips loop: 2.773 sec elapsed
## [1] "'Middle' loop with FIPS = 15005"
## [1] "No data for FIPS = 15005"
## Fips loop: 0.011 sec elapsed
## [1] "'Middle' loop with FIPS = 15007"

## Rows: 314 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
## Rows: 314
## Columns: 43
## $ area_fips                         <dbl> 15007, 15007, 15007, 15007, 15007,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Kauai County, Hawaii", "Kauai Cou~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 1901, 28, 28, 3, 1, 2, 22, 3, 3, 3~
## $ annual_avg_emplvl                 <dbl> 24438, 417, 417, 100, 3, 6, 309, 1~
## $ total_annual_wages                <dbl> 587590390, 14706960, 14706960, 326~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 462, 678, 678, 629, 633, 1039, 686~
## $ avg_annual_pay                    <dbl> 24044, 35233, 35233, 32730, 32896,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 2.07, 2.08, 0.60, 2.14, 6.25~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.67, 0.68, 0.49, 0.52, 0.45~
## $ lq_total_annual_wages             <dbl> 1.00, 0.72, 0.74, 0.53, 0.35, 0.79~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.08, 1.08, 1.08, 0.80, 1.72~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.08, 1.08, 1.08, 0.80, 1.72~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> -22, 2, 2, 0, 0, 0, 2, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -1.1, 7.7, 7.7, 0.0, 0.0, 0.0, 10.~
## $ oty_annual_avg_emplvl_chg         <dbl> 294, -13, -13, 2, 0, 0, -13, 2, 2,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 1.2, -3.0, -3.0, 2.0, 0.0, 0.0, -4~
## $ oty_total_annual_wages_chg        <dbl> 5047794, 417997, 417997, -64761, -~
## $ oty_total_annual_wages_pct_chg    <dbl> 0.9, 2.9, 2.9, -1.9, -32.6, 3.6, 4~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> -2, 39, 39, -22, -89, 63, 59, -22,~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> -0.4, 6.1, 6.1, -3.4, -12.3, 6.5, ~
## $ oty_avg_annual_pay_chg            <dbl> -84, 2029, 2029, -1129, -4633, 324~
## $ oty_avg_annual_pay_pct_chg        <dbl> -0.3, 6.1, 6.1, -3.3, -12.3, 6.4, ~
## Fips loop: 1.028 sec elapsed
## [1] "'Middle' loop with FIPS = 15009"

## Rows: 432 Columns: 43

## -- Column specification -------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
```

```
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 432
## Columns: 43
## $ area_fips                         <dbl> 15009, 15009, 15009, 15009, 15009,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Maui + Kalawao County, Hawaii", "~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 3920, 42, 42, 9, 2, 5, 24, 1, 1, 1~
## $ annual_avg_emplvl                 <dbl> 55786, 489, 489, 259, 6, 61, 158, ~
## $ total_annual_wages                <dbl> 1358176105, 16859039, 16859039, 10~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 468, 663, 663, 742, 579, 677, 527,~
## $ avg_annual_pay                    <dbl> 24346, 34494, 34494, 38603, 30121,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 1.51, 1.51, 0.88, 2.07, 9.02~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.34, 0.35, 0.56, 0.46, 2.13~
## $ lq_total_annual_wages             <dbl> 1.00, 0.36, 0.37, 0.71, 0.35, 4.31~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.04, 1.04, 1.26, 0.72, 2.04~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.04, 1.04, 1.26, 0.72, 2.04~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 112, 4, 4, 0, 0, 1, 2, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.9, 10.5, 10.5, 0.0, 0.0, 25.0, 9~
## $ oty_annual_avg_emplvl_chg         <dbl> -672, 17, 17, 4, -1, -1, 13, -1, -~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> -1.2, 3.6, 3.6, 1.6, -14.3, -1.6, ~
## $ oty_total_annual_wages_chg        <dbl> 2703972, 299133, 299133, -137167, ~
## $ oty_total_annual_wages_pct_chg    <dbl> 0.2, 1.8, 1.8, -1.4, -9.0, 2.1, 8.~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 6, -12, -12, -24, 16, 33, -1, 27, ~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 1.3, -1.8, -1.8, -3.1, 2.8, 5.1, -~
## $ oty_avg_annual_pay_chg            <dbl> 338, -615, -615, -1220, 862, 1723,~
## $ oty_avg_annual_pay_pct_chg        <dbl> 1.4, -1.8, -1.8, -3.1, 2.9, 5.1, -~
## Fips loop: 1.32 sec elapsed
## [1] "'Middle' loop with FIPS = 17031"

## Rows: 1854 Columns: 43

## -- Column specification --------------------------------------------------
```

```
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,854
## Columns: 43
## $ area_fips                        <dbl> 17031, 17031, 17031, 17031, 17031,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "101", "1013", "102", ~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 72, 73, 73, 73, 73~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Cook County, Illinois", "Cook Cou~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 119048, 153, 1, 1, 152, 4, 5, 3, 3~
## $ annual_avg_emplvl                <dbl> 2574056, 51982, 43, 43, 51940, 265~
## $ total_annual_wages               <dbl> 85834009502, 2104030091, 1366898, ~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 641, 778, 619, 619, 779, 709, 1057~
## $ avg_annual_pay                   <dbl> 33346, 40476, 32162, 32162, 40483,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.18, 0.27, 1.18, 0.18, 0.01~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.79, 0.02, 0.03, 0.81, 1.25~
## $ lq_total_annual_wages            <dbl> 1.00, 0.70, 0.02, 0.02, 0.72, 1.09~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.89, 0.69, 0.69, 0.89, 0.88~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.89, 0.69, 0.69, 0.89, 0.88~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 2132, 1, 0, 0, 1, 0, 0, 0, 0, 0, 2~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.8, 0.7, 0.0, 0.0, 0.7, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 36656, -349, -3, -3, -345, 536, 4,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 1.4, -0.7, -6.5, -6.5, -0.7, 2.1, ~
## $ oty_total_annual_wages_chg       <dbl> 4397008246, -14346916, -165880, -1~
## $ oty_total_annual_wages_pct_chg   <dbl> 5.4, -0.7, -10.8, -10.8, -0.7, -2.~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 24, 0, -25, -25, 0, -33, 91, 23, 4~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.9, 0.0, -3.9, -3.9, 0.0, -4.4, 9~
## $ oty_avg_annual_pay_chg           <dbl> 1251, -4, -1341, -1341, -3, -1716,~
## $ oty_avg_annual_pay_pct_chg       <dbl> 3.9, 0.0, -4.0, -4.0, 0.0, -4.4, 9~
## Fips loop: 2.814 sec elapsed
```

```
## [1] "'Middle' loop with FIPS = 17097"

## Rows: 977 Columns: 43

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 977
## Columns: 43
## $ area_fips                     <dbl> 17097, 17097, 17097, 17097, 17097,~
## $ own_code                      <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                 <chr> "10", "10", "102", "1021", "1025",~
## $ agglvl_code                   <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 74~
## $ size_code                     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                          <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                           <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                    <chr> "Lake County, Illinois", "Lake Cou~
## $ own_title                     <chr> "Total Covered", "Federal Governme~
## $ industry_title                <chr> "Total, all industries", "Total, a~
## $ agglvl_title                  <chr> "County, Total Covered", "County, ~
## $ size_title                    <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count       <dbl> 15178, 21, 21, 2, 1, 1, 17, 1, 1, ~
## $ annual_avg_emplvl             <dbl> 257024, 6424, 6424, 2104, 1838, 42~
## $ total_annual_wages            <dbl> 8567030846, 230433561, 230433561, ~
## $ taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage          <dbl> 641, 690, 690, 561, 834, 219, 789,~
## $ avg_annual_pay                <dbl> 33332, 35873, 35873, 29173, 43367,~
## $ lq_disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count    <dbl> 1.00, 0.19, 0.20, 0.05, 1.01, 0.47~
## $ lq_annual_avg_emplvl          <dbl> 1.00, 0.98, 1.00, 0.99, 3.09, 3.19~
## $ lq_total_annual_wages         <dbl> 1.00, 0.77, 0.79, 0.69, 2.84, 1.54~
## $ lq_taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage       <dbl> 1.00, 0.79, 0.79, 0.70, 0.92, 0.48~
## $ lq_avg_annual_pay             <dbl> 1.00, 0.79, 0.79, 0.70, 0.92, 0.48~
## $ oty_disclosure_code           <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 781, -2, -2, 0, 0, 0, -2, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.4, -8.7, -8.7, 0.0, 0.0, 0.0, -1~
## $ oty_annual_avg_emplvl_chg     <dbl> 10626, -30, -30, 107, -166, 44, -1~
## $ oty_annual_avg_emplvl_pct_chg <dbl> 4.3, -0.5, -0.5, 5.4, -8.3, 11.6, ~
## $ oty_total_annual_wages_chg    <dbl> 643919913, -2490122, -2490122, 144~
## $ oty_total_annual_wages_pct_chg <dbl> 8.1, -1.1, -1.1, 0.2, -9.7, 13.5, ~
## $ oty_taxable_annual_wages_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg  <dbl> 23, -4, -4, -29, -13, 3, 55, 3, -4~
```

```
## $ oty_annual_avg_wkly_wage_pct_chg       <dbl> 3.7, -0.6, -0.6, -4.9, -1.5, 1.4, ~
## $ oty_avg_annual_pay_chg                  <dbl> 1176, -220, -220, -1498, -678, 192~
## $ oty_avg_annual_pay_pct_chg              <dbl> 3.7, -0.6, -0.6, -4.9, -1.5, 1.7, ~
## Fips loop: 2.739 sec elapsed
## [1] "'Middle' loop with FIPS = 18089"

## Rows: 771 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 771
## Columns: 43
## $ area_fips                              <dbl> 18089, 18089, 18089, 18089, 18089,~
## $ own_code                               <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                          <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                            <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                   <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                    <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                             <chr> "Lake County, Indiana", "Lake Coun~
## $ own_title                              <chr> "Total Covered", "Federal Governme~
## $ industry_title                         <chr> "Total, all industries", "Total, a~
## $ agglvl_title                           <chr> "County, Total Covered", "County, ~
## $ size_title                             <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count                <dbl> 9993, 16, 16, 1, 15, 1, 1, 1, 1, 1~
## $ annual_avg_emplvl                      <dbl> 190198, 1814, 1814, 1484, 330, 148~
## $ total_annual_wages                     <dbl> 5165000049, 67779621, 67779621, 51~
## $ taxable_annual_wages                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                    <dbl> 522, 719, 719, 673, 923, 673, 673,~
## $ avg_annual_pay                         <dbl> 27156, 37368, 37368, 35000, 48007,~
## $ lq_disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count             <dbl> 1.00, 0.23, 0.23, 0.04, 0.39, 0.04~
## $ lq_annual_avg_emplvl                   <dbl> 1.00, 0.37, 0.38, 0.94, 0.13, 1.02~
## $ lq_total_annual_wages                  <dbl> 1.00, 0.38, 0.39, 0.97, 0.17, 1.02~
## $ lq_taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage                <dbl> 1.00, 1.01, 1.01, 1.02, 1.23, 1.00~
## $ lq_avg_annual_pay                      <dbl> 1.00, 1.01, 1.01, 1.02, 1.23, 1.00~
## $ oty_disclosure_code                    <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg        <dbl> 121, 3, 3, -1, 3, -1, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg    <dbl> 1.2, 23.1, 23.1, -50.0, 25.0, -50.~
## $ oty_annual_avg_emplvl_chg              <dbl> -1756, 177, 177, 186, -9, 186, 186~
## $ oty_annual_avg_emplvl_pct_chg          <dbl> -0.9, 10.8, 10.8, 14.3, -2.7, 14.3~
## $ oty_total_annual_wages_chg             <dbl> -14118196, 2229181, 2229181, 15080~
## $ oty_total_annual_wages_pct_chg         <dbl> -0.3, 3.4, 3.4, 3.0, 4.8, 3.0, 3.0~
## $ oty_taxable_annual_wages_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_taxable_annual_wages_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg           <dbl> 3, -51, -51, -74, 64, -74, -74, -7~
## $ oty_annual_avg_wkly_wage_pct_chg       <dbl> 0.6, -6.6, -6.6, -9.9, 7.5, -9.9, ~
## $ oty_avg_annual_pay_chg                 <dbl> 175, -2671, -2671, -3832, 3345, -3~
## $ oty_avg_annual_pay_pct_chg             <dbl> 0.6, -6.7, -6.7, -9.9, 7.5, -9.9, ~
## Fips loop: 2.144 sec elapsed
## [1] "'Middle' loop with FIPS = 18091"

## Rows: 386 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 386
## Columns: 43
## $ area_fips                         <dbl> 18091, 18091, 18091, 18091, 18091,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "LaPorte County, Indiana", "LaPort~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 2551, 5, 5, 1, 1, 3, 1, 1, 1, 1, 1~
## $ annual_avg_emplvl                 <dbl> 45793, 231, 231, 209, 3, 20, 209, ~
## $ total_annual_wages                <dbl> 1044435479, 8187941, 8187941, 7471~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 439, 681, 681, 689, 571, 614, 689,~
## $ avg_annual_pay                    <dbl> 22808, 35407, 35407, 35818, 29702,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.28, 0.28, 0.15, 1.59, 0.31~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.20, 0.20, 0.55, 0.28, 0.03~
## $ lq_total_annual_wages             <dbl> 1.00, 0.22, 0.23, 0.69, 0.21, 0.03~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.14, 1.14, 1.25, 0.76, 0.97~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.14, 1.14, 1.25, 0.76, 0.97~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 54, -1, -1, 0, 0, -1, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.2, -16.7, -16.7, 0.0, 0.0, -25.0~
## $ oty_annual_avg_emplvl_chg         <dbl> 881, 2, 2, 8, -2, -2, 8, 8, 8, 8, ~
```

```
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 2.0, 0.9, 0.9, 4.0, -40.0, -9.1, 4~
## $ oty_total_annual_wages_chg         <dbl> 39069376, -157248, -157248, -39665~
## $ oty_total_annual_wages_pct_chg     <dbl> 3.9, -1.9, -1.9, -0.5, -24.5, -12.~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 9, -21, -21, -29, 146, -8, -29, -2~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 2.1, -3.0, -3.0, -4.0, 34.4, -1.3,~
## $ oty_avg_annual_pay_chg             <dbl> 423, -1101, -1101, -1533, 7586, -4~
## $ oty_avg_annual_pay_pct_chg         <dbl> 1.9, -3.0, -3.0, -4.1, 34.3, -1.2,~
## Fips loop: 1.111 sec elapsed
## [1] "'Middle' loop with FIPS = 18127"

## Rows: 418 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 418
## Columns: 43
## $ area_fips                    <dbl> 18127, 18127, 18127, 18127, 18127,~
## $ own_code                     <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                  <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                         <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                          <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                   <chr> "Porter County, Indiana", "Porter ~
## $ own_title                    <chr> "Total Covered", "Federal Governme~
## $ industry_title               <chr> "Total, all industries", "Total, a~
## $ agglvl_title                 <chr> "County, Total Covered", "County, ~
## $ size_title                   <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count      <dbl> 2934, 9, 9, 1, 1, 7, 1, 1, 1, 1, 1~
## $ annual_avg_emplvl            <dbl> 51672, 419, 419, 241, 145, 32, 241~
## $ total_annual_wages           <dbl> 1442750986, 13724515, 13724515, 88~
## $ taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage         <dbl> 537, 631, 631, 708, 494, 667, 708,~
## $ avg_annual_pay               <dbl> 27921, 32795, 32795, 36800, 25712,~
## $ lq_disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count   <dbl> 1.00, 0.43, 0.43, 0.13, 2.41, 0.63~
## $ lq_annual_avg_emplvl         <dbl> 1.00, 0.32, 0.33, 0.56, 5.46, 0.05~
## $ lq_total_annual_wages        <dbl> 1.00, 0.27, 0.28, 0.59, 7.10, 0.04~
## $ lq_taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage      <dbl> 1.00, 0.86, 0.86, 1.05, 1.30, 0.86~
## $ lq_avg_annual_pay            <dbl> 1.00, 0.86, 0.86, 1.05, 1.30, 0.86~
```

```
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 151, 2, 2, 0, 0, 3, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.4, 28.6, 28.6, 0.0, 0.0, 75.0, 0~
## $ oty_annual_avg_emplvl_chg           <dbl> 1101, 17, 17, 15, -1, 2, 15, 15, 1~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 2.2, 4.2, 4.2, 6.6, -0.7, 6.7, 6.6~
## $ oty_total_annual_wages_chg          <dbl> 77031543, 408305, 408305, 69157, 1~
## $ oty_total_annual_wages_pct_chg      <dbl> 5.6, 3.1, 3.1, 0.8, 4.7, 18.2, 0.8~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 18, -6, -6, -42, 24, 67, -42, -42,~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 3.5, -0.9, -0.9, -5.6, 5.1, 11.2, ~
## $ oty_avg_annual_pay_chg              <dbl> 915, -337, -337, -2193, 1258, 3495~
## $ oty_avg_annual_pay_pct_chg          <dbl> 3.4, -1.0, -1.0, -5.6, 5.1, 11.2, ~
## Fips loop: 1.28 sec elapsed
## [1] "'Middle' loop with FIPS = 22005"

## Rows: 284 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 284
## Columns: 43
## $ area_fips                <dbl> 22005, 22005, 22005, 22005, 22005,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Ascension Parish, Louisiana", "As~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 1301, 15, 15, 9, 6, 9, 9, 9, 9, 9,~
## $ annual_avg_emplvl        <dbl> 26346, 117, 117, 97, 20, 97, 97, 9~
## $ total_annual_wages       <dbl> 748539335, 3629172, 3629172, 29576~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage     <dbl> 546, 596, 596, 584, 654, 584, 584,~
## $ avg_annual_pay           <dbl> 28412, 30996, 30996, 30387, 34000,~
## $ lq_disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 1.62, 1.63, 2.64, 1.21, 2.70~
## $ lq_annual_avg_emplvl     <dbl> 1.00, 0.17, 0.18, 0.45, 0.06, 0.48~
## $ lq_total_annual_wages    <dbl> 1.00, 0.14, 0.14, 0.38, 0.05, 0.40~
```

```
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.80, 0.80, 0.85, 0.83, 0.83~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.80, 0.80, 0.85, 0.83, 0.83~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 52, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.2, 7.1, 7.1, 0.0, 20.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg        <dbl> 1073, 13, 13, 9, 4, 9, 9, 9, 9, 9,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 4.2, 12.5, 12.5, 10.2, 25.0, 10.2,~
## $ oty_total_annual_wages_chg       <dbl> 59270276, 348387, 348387, 176358, ~
## $ oty_total_annual_wages_pct_chg   <dbl> 8.6, 10.6, 10.6, 6.3, 34.4, 6.3, 6~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 22, -11, -11, -27, 69, -27, -27, -~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 4.2, -1.8, -1.8, -4.4, 11.8, -4.4,~
## $ oty_avg_annual_pay_chg           <dbl> 1139, -550, -550, -1369, 3575, -13~
## $ oty_avg_annual_pay_pct_chg       <dbl> 4.2, -1.7, -1.7, -4.3, 11.8, -4.3,~
## Fips loop: 0.936 sec elapsed
## [1] "'Middle' loop with FIPS = 22007"

## Rows: 67 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 67
## Columns: 43
## $ area_fips                <dbl> 22007, 22007, 22007, 22007, 22007,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Assumption Parish, Louisiana", "A~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 309, 11, 11, 7, 3, 7, 7, 7, 7, 7, ~
## $ annual_avg_emplvl        <dbl> 5037, 34, 34, 30, 3, 30, 30, 30, 3~
## $ total_annual_wages       <dbl> 104085331, 861319, 861319, 770445,~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage     <dbl> 397, 488, 488, 494, 412, 494, 494,~
## $ avg_annual_pay           <dbl> 20664, 25395, 25395, 25682, 21419,~
```

```
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 5.01, 5.03, 8.64, 2.55, 8.86~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.26, 0.27, 0.72, 0.05, 0.78~
## $ lq_total_annual_wages            <dbl> 1.00, 0.24, 0.24, 0.71, 0.04, 0.75~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.90, 0.90, 0.99, 0.72, 0.96~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.90, 0.90, 0.99, 0.72, 0.96~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 348, -2, -2, 1, 1, 1, 1, 1, 1, 1, ~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 7.4, -5.6, -5.6, 3.4, 50.0, 3.4, 3~
## $ oty_total_annual_wages_chg       <dbl> 12886378, -101177, -101177, -4238,~
## $ oty_total_annual_wages_pct_chg   <dbl> 14.1, -10.5, -10.5, -0.5, -3.8, -0~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 23, -31, -31, -14, -193, -14, -14,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 6.1, -6.0, -6.0, -2.8, -31.9, -2.8~
## $ oty_avg_annual_pay_chg           <dbl> 1213, -1591, -1591, -728, -10065, ~
## $ oty_avg_annual_pay_pct_chg       <dbl> 6.2, -5.9, -5.9, -2.8, -32.0, -2.8~
## Fips loop: 0.338 sec elapsed
## [1] "'Middle' loop with FIPS = 22019"

## Rows: 575 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 575
## Columns: 43
## $ area_fips                <dbl> 22019, 22019, 22019, 22019, 22019,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Calcasieu Parish, Louisiana", "Ca~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 4085, 31, 31, 9, 1, 3, 18, 9, 1, 1~
## $ annual_avg_emplvl        <dbl> 75415, 570, 570, 383, 4, 46, 137, ~
## $ total_annual_wages       <dbl> 1916920033, 21318771, 21318771, 14~
```

```
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 489, 719, 719, 711, 600, 725, 743,~
## $ avg_annual_pay                   <dbl> 25418, 37396, 37396, 36989, 31174,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 1.07, 1.07, 0.84, 1.00, 4.36~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.30, 0.30, 0.61, 0.22, 1.11~
## $ lq_total_annual_wages            <dbl> 1.00, 0.32, 0.33, 0.71, 0.17, 1.25~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.08, 1.08, 1.16, 0.71, 1.13~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.08, 1.08, 1.16, 0.71, 1.13~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 80, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_emplvl_chg        <dbl> 3207, -3, -3, 1, -4, -1, 1, 1, -2,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 4.4, -0.5, -0.5, 0.3, -50.0, -2.1,~
## $ oty_total_annual_wages_chg       <dbl> 130517047, 354848, 354848, 120451,~
## $ oty_total_annual_wages_pct_chg   <dbl> 7.3, 1.7, 1.7, 0.9, -20.1, 6.1, 3.~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 13, 16, 16, 4, 192, 62, 19, 4, -2,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.7, 2.3, 2.3, 0.6, 47.1, 9.4, 2.6~
## $ oty_avg_annual_pay_chg           <dbl> 678, 815, 815, 218, 9963, 3220, 97~
## $ oty_avg_annual_pay_pct_chg       <dbl> 2.7, 2.2, 2.2, 0.6, 47.0, 9.3, 2.6~
## Fips loop: 1.648 sec elapsed
## [1] "'Middle' loop with FIPS = 22023"

## Rows: 64 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 64
## Columns: 43
## $ area_fips          <dbl> 22023, 22023, 22023, 22023, 22023,~
## $ own_code           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code      <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code        <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title         <chr> "Cameron Parish, Louisiana", "Came~
## $ own_title          <chr> "Total Covered", "Federal Governme~
## $ industry_title     <chr> "Total, all industries", "Total, a~
## $ agglvl_title       <chr> "County, Total Covered", "County, ~
```

```
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count              <dbl> 227, 12, 12, 5, 3, 4, 5, 5, 5, 5, ~
## $ annual_avg_emplvl                    <dbl> 3569, 33, 33, 13, 5, 15, 13, 13, 1~
## $ total_annual_wages                   <dbl> 94556184, 1070180, 1070180, 357768~
## $ taxable_annual_wages                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                 <dbl> 510, 628, 628, 540, 599, 714, 540,~
## $ avg_annual_pay                       <dbl> 26494, 32677, 32677, 28060, 31128,~
## $ lq_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count           <dbl> 1.00, 7.43, 7.46, 8.40, 78.55, 4.6~
## $ lq_annual_avg_emplvl                 <dbl> 1.00, 0.36, 0.37, 0.44, 2.54, 0.33~
## $ lq_total_annual_wages                <dbl> 1.00, 0.32, 0.33, 0.36, 2.28, 0.32~
## $ lq_taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 0.90, 0.90, 0.84, 0.90, 0.97~
## $ lq_avg_annual_pay                    <dbl> 1.00, 0.91, 0.91, 0.84, 0.90, 0.97~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 4.1, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> 200, -3, -3, 0, -1, -3, 0, 0, 0, 0~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 5.9, -8.3, -8.3, 0.0, -16.7, -16.7~
## $ oty_total_annual_wages_chg           <dbl> 7446753, -122784, -122784, 8589, 9~
## $ oty_total_annual_wages_pct_chg       <dbl> 8.5, -10.3, -10.3, 2.5, 6.3, -20.2~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 13, -3, -3, 3, 95, -21, 3, 3, 3, 3~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 2.6, -0.5, -0.5, 0.6, 18.8, -2.9, ~
## $ oty_avg_annual_pay_chg               <dbl> 636, -157, -157, 126, 4915, -1097,~
## $ oty_avg_annual_pay_pct_chg           <dbl> 2.5, -0.5, -0.5, 0.5, 18.8, -2.9, ~
## Fips loop: 0.357 sec elapsed
## [1] "'Middle' loop with FIPS = 22045"

## Rows: 280 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 280
## Columns: 43
## $ area_fips                <dbl> 22045, 22045, 22045, 22045, 22045,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ area_title                           <chr> "Iberia Parish, Louisiana", "Iberi~
## $ own_title                            <chr> "Total Covered", "Federal Governme~
## $ industry_title                       <chr> "Total, all industries", "Total, a~
## $ agglvl_title                         <chr> "County, Total Covered", "County, ~
## $ size_title                           <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count              <dbl> 1723, 14, 14, 6, 2, 5, 6, 6, 6, 6,~
## $ annual_avg_emplvl                    <dbl> 26564, 128, 128, 101, 2, 22, 101, ~
## $ total_annual_wages                   <dbl> 588692521, 4402027, 4402027, 34410~
## $ taxable_annual_wages                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                 <dbl> 426, 663, 663, 658, 758, 693, 658,~
## $ avg_annual_pay                       <dbl> 22161, 34458, 34458, 34239, 39412,~
## $ lq_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count           <dbl> 1.00, 1.14, 1.15, 1.33, 6.90, 0.76~
## $ lq_annual_avg_emplvl                 <dbl> 1.00, 0.19, 0.19, 0.46, 0.14, 0.06~
## $ lq_total_annual_wages                <dbl> 1.00, 0.21, 0.22, 0.56, 0.19, 0.07~
## $ lq_taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 1.14, 1.14, 1.23, 1.36, 1.13~
## $ lq_avg_annual_pay                    <dbl> 1.00, 1.14, 1.14, 1.23, 1.36, 1.13~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 40, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 2.4, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> 799, 2, 2, 8, -2, -1, 8, 8, 8, 8, ~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 3.1, 1.6, 1.6, 8.6, -50.0, -4.3, 8~
## $ oty_total_annual_wages_chg           <dbl> 27402615, -243459, -243459, -98660~
## $ oty_total_annual_wages_pct_chg       <dbl> 4.9, -5.2, -5.2, -2.8, -35.8, -7.9~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 7, -48, -48, -75, 168, -26, -75, -~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 1.7, -6.8, -6.8, -10.2, 28.5, -3.6~
## $ oty_avg_annual_pay_chg               <dbl> 376, -2509, -2509, -3891, 8715, -1~
## $ oty_avg_annual_pay_pct_chg           <dbl> 1.7, -6.8, -6.8, -10.2, 28.4, -3.6~
## Fips loop: 0.872 sec elapsed
## [1] "'Middle' loop with FIPS = 22051"

## Rows: 932 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 932
## Columns: 43
## $ area_fips                            <dbl> 22051, 22051, 22051, 22051, 22051,~
## $ own_code                             <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                        <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                          <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
```

```
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Jefferson Parish, Louisiana", "Je~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 12730, 25, 25, 9, 2, 13, 9, 9, 9, ~
## $ annual_avg_emplvl                 <dbl> 197804, 1496, 1496, 739, 15, 738, ~
## $ total_annual_wages                <dbl> 4641117945, 62683995, 62683995, 28~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 451, 806, 806, 730, 647, 886, 730,~
## $ avg_annual_pay                    <dbl> 23463, 41899, 41899, 37940, 33665,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.28, 0.28, 0.27, 0.93, 0.27~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.30, 0.30, 0.45, 0.14, 0.29~
## $ lq_total_annual_wages             <dbl> 1.00, 0.39, 0.40, 0.58, 0.15, 0.40~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.31, 1.31, 1.29, 1.10, 1.37~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.31, 1.31, 1.29, 1.10, 1.37~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 364, 1, 1, -1, 0, 2, -1, -1, -1, -~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.9, 4.2, 4.2, -10.0, 0.0, 18.2, -~
## $ oty_annual_avg_emplvl_chg         <dbl> 6845, -129, -129, -115, -3, -10, -~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 3.6, -7.9, -7.9, -13.5, -16.7, -1.~
## $ oty_total_annual_wages_chg        <dbl> 315511438, -4346130, -4346130, -43~
## $ oty_total_annual_wages_pct_chg    <dbl> 7.3, -6.5, -6.5, -13.4, -11.6, 0.3~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 15, 13, 13, 1, 8, 14, 1, 1, 1, 1, ~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.4, 1.6, 1.6, 0.1, 1.3, 1.6, 0.1,~
## $ oty_avg_annual_pay_chg            <dbl> 811, 652, 652, 50, 443, 723, 50, 5~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.6, 1.6, 1.6, 0.1, 1.3, 1.6, 0.1,~
## Fips loop: 2.655 sec elapsed
## [1] "'Middle' loop with FIPS = 22053"

## Rows: 133 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 133
## Columns: 43
```

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```
## $ area_fips                         <dbl> 22053, 22053, 22053, 22053, 22053,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Jefferson Davis Parish, Louisiana~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 620, 12, 12, 6, 1, 5, 6, 6, 6, 6, ~
## $ annual_avg_emplvl                 <dbl> 7256, 78, 78, 48, 6, 24, 48, 48, 4~
## $ total_annual_wages                <dbl> 122933946, 2553906, 2553906, 15905~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 326, 629, 629, 634, 564, 634, 634,~
## $ avg_annual_pay                    <dbl> 16942, 32707, 32707, 32966, 29343,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 2.72, 2.73, 3.69, 6.56, 2.12~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.42, 0.43, 0.80, 3.50, 0.26~
## $ lq_total_annual_wages             <dbl> 1.00, 0.60, 0.61, 1.24, 3.24, 0.35~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.42, 1.42, 1.55, 1.01, 1.35~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.42, 1.42, 1.55, 1.01, 1.35~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 2, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.3, 9.1, 9.1, 0.0, 0.0, 25.0, 0.0~
## $ oty_annual_avg_emplvl_chg         <dbl> 89, 5, 5, 3, -1, 3, 3, 3, 3, 3, 3,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 1.2, 6.8, 6.8, 6.7, -14.3, 14.3, 6~
## $ oty_total_annual_wages_chg        <dbl> 3067422, 156300, 156300, 35752, -3~
## $ oty_total_annual_wages_pct_chg    <dbl> 2.6, 6.5, 6.5, 2.3, -18.1, 24.2, 2~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 4, 0, 0, -27, 23, 45, -27, -27, -2~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 1.2, 0.0, 0.0, -4.1, 4.3, 7.6, -4.~
## $ oty_avg_annual_pay_chg            <dbl> 217, 12, 12, -1395, 1202, 2326, -1~
## $ oty_avg_annual_pay_pct_chg        <dbl> 1.3, 0.0, 0.0, -4.1, 4.3, 7.6, -4.~
## Fips loop: 0.517 sec elapsed
## [1] "'Middle' loop with FIPS = 22057"

## Rows: 307 Columns: 43

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
```

```
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 307
## Columns: 43
## $ area_fips                        <dbl> 22057, 22057, 22057, 22057, 22057,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Lafourche Parish, Louisiana", "La~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 1780, 21, 21, 10, 1, 2, 8, 10, 10,~
## $ annual_avg_emplvl                <dbl> 24940, 154, 154, 124, 4, 3, 23, 12~
## $ total_annual_wages               <dbl> 526979065, 4961131, 4961131, 39993~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 406, 622, 622, 621, 602, 557, 632,~
## $ avg_annual_pay                   <dbl> 21130, 32320, 32320, 32318, 31324,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 1.66, 1.67, 2.14, 2.28, 6.68~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.24, 0.25, 0.60, 0.68, 0.22~
## $ lq_total_annual_wages            <dbl> 1.00, 0.27, 0.28, 0.73, 0.56, 0.20~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.13, 1.13, 1.22, 0.86, 1.05~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.12, 1.12, 1.22, 0.86, 1.05~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 37, -1, -1, 0, 0, 0, -1, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.1, -4.5, -4.5, 0.0, 0.0, 0.0, -1~
## $ oty_annual_avg_emplvl_chg        <dbl> 935, -10, -10, 1, -2, -2, -7, 1, 1~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 3.9, -6.1, -6.1, 0.8, -33.3, -40.0~
## $ oty_total_annual_wages_chg       <dbl> 27970140, -348585, -348585, -15162~
## $ oty_total_annual_wages_pct_chg   <dbl> 5.6, -6.6, -6.6, -3.7, -6.1, -33.9~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 6, -3, -3, -27, 168, 108, 39, -27,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 1.5, -0.5, -0.5, -4.2, 38.7, 24.1,~
## $ oty_avg_annual_pay_chg           <dbl> 343, -155, -155, -1384, 8766, 5591~
## $ oty_avg_annual_pay_pct_chg       <dbl> 1.7, -0.5, -0.5, -4.1, 38.9, 23.9,~
## Fips loop: 0.981 sec elapsed
## [1] "'Middle' loop with FIPS = 22063"

## Rows: 201 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
```

```
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 201
## Columns: 43
## $ area_fips                      <dbl> 22063, 22063, 22063, 22063, 22063,~
## $ own_code                       <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                  <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                    <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Livingston Parish, Louisiana", "L~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 1062, 18, 18, 10, 0, 8, 10, 10, 10~
## $ annual_avg_emplvl              <dbl> 12417, 118, 118, 91, 1, 26, 91, 91~
## $ total_annual_wages             <dbl> 221156252, 3884522, 3884522, 28996~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 343, 632, 632, 610, 418, 722, 610,~
## $ avg_annual_pay                 <dbl> 17810, 32873, 32873, 31719, 21741,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 2.38, 2.39, 3.59, 0.00, 1.98~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 0.37, 0.38, 0.89, 0.34, 0.16~
## $ lq_total_annual_wages          <dbl> 1.00, 0.50, 0.52, 1.26, 0.30, 0.23~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 1.35, 1.35, 1.41, 0.71, 1.46~
## $ lq_avg_annual_pay              <dbl> 1.00, 1.36, 1.36, 1.42, 0.71, 1.47~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, "N", NA, NA, NA, N~
## $ oty_annual_avg_estabs_count_chg     <dbl> 96, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 9.9, 5.9, 5.9, 0.0, 0.0, 14.3, 0.0~
## $ oty_annual_avg_emplvl_chg           <dbl> 583, 9, 9, 3, 0, 5, 3, 3, 3, 3, 3,~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 4.9, 8.3, 8.3, 3.4, 0.0, 23.8, 3.4~
## $ oty_total_annual_wages_chg          <dbl> 19851990, 362603, 362603, 104749, ~
## $ oty_total_annual_wages_pct_chg      <dbl> 9.9, 10.3, 10.3, 3.7, 0.0, 31.7, 3~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 16, 12, 12, 0, 0, 61, 0, 0, 0, 0, ~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 4.9, 1.9, 1.9, 0.0, 0.0, 9.2, 0.0,~
## $ oty_avg_annual_pay_chg              <dbl> 799, 636, 636, -11, 0, 3209, -11, ~
## $ oty_avg_annual_pay_pct_chg          <dbl> 4.7, 2.0, 2.0, 0.0, 0.0, 9.3, 0.0,~
## Fips loop: 0.67 sec elapsed
## [1] "'Middle' loop with FIPS = 22071"
```

```
## Rows: 951 Columns: 43

## -- Column specification ----------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 951
## Columns: 43
## $ area_fips                      <dbl> 22071, 22071, 22071, 22071, 22071,~
## $ own_code                       <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                  <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                    <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Orleans Parish, Louisiana", "Orle~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 13339, 70, 70, 12, 4, 2, 1, 52, 3,~
## $ annual_avg_emplvl              <dbl> 268356, 13309, 13309, 3545, 1150, ~
## $ total_annual_wages             <dbl> 7350303019, 531580402, 531580402, ~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 527, 768, 768, 755, 751, 904, 367,~
## $ avg_annual_pay                 <dbl> 27390, 39942, 39942, 39276, 39049,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 0.74, 0.74, 0.34, 1.78, 2.30~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 1.94, 1.99, 1.60, 7.78, 2.94~
## $ lq_total_annual_wages          <dbl> 1.00, 2.08, 2.13, 1.82, 8.47, 3.56~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 1.07, 1.07, 1.14, 1.09, 1.21~
## $ lq_avg_annual_pay              <dbl> 1.00, 1.07, 1.07, 1.14, 1.09, 1.21~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 58, 2, 2, 1, 1, 1, 0, -1, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.4, 2.9, 2.9, 9.1, 33.3, 100.0, 0~
## $ oty_annual_avg_emplvl_chg      <dbl> 2012, -206, -206, 108, -50, -79, -~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> 0.8, -1.5, -1.5, 3.1, -4.2, -4.1, ~
## $ oty_total_annual_wages_chg     <dbl> 349454251, -4112529, -4112529, 468~
## $ oty_total_annual_wages_pct_chg <dbl> 5.0, -0.8, -0.8, 3.5, 1.2, -4.4, -~
## $ oty_taxable_annual_wages_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg   <dbl> 22, 6, 6, 2, 40, -3, -4, 5, 10, 11~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 4.4, 0.8, 0.8, 0.3, 5.6, -0.3, -1.~
```

```
## $ oty_avg_annual_pay_chg            <dbl> 1105, 306, 306, 132, 2051, -146, -~
## $ oty_avg_annual_pay_pct_chg        <dbl> 4.2, 0.8, 0.8, 0.3, 5.5, -0.3, -0.~
## Fips loop: 2.724 sec elapsed
## [1] "'Middle' loop with FIPS = 22075"

## Rows: 188 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 188
## Columns: 43
## $ area_fips                        <dbl> 22075, 22075, 22075, 22075, 22075,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Plaquemines Parish, Louisiana", "~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 820, 17, 17, 9, 2, 7, 9, 9, 9, 9, ~
## $ annual_avg_emplvl                <dbl> 16357, 680, 680, 46, 14, 621, 46, ~
## $ total_annual_wages               <dbl> 502167120, 25760820, 25760820, 142~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 590, 729, 729, 597, 648, 740, 597,~
## $ avg_annual_pay                   <dbl> 30700, 37888, 37888, 31069, 33687,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 2.91, 2.93, 4.18, 14.50, 2.2~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 1.62, 1.67, 0.34, 1.55, 2.95~
## $ lq_total_annual_wages            <dbl> 1.00, 1.47, 1.51, 0.27, 1.26, 2.57~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.91, 0.91, 0.80, 0.84, 0.87~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.91, 0.91, 0.80, 0.84, 0.87~
## $ oty_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 3, -1, -1, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.4, -5.6, -5.6, 0.0, 0.0, 0.0, 0.~
## $ oty_annual_avg_emplvl_chg        <dbl> 556, -18, -18, 1, 2, -20, 1, 1, 1,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 3.5, -2.6, -2.6, 2.2, 16.7, -3.1, ~
## $ oty_total_annual_wages_chg       <dbl> 21558836, -298779, -298779, -65853~
## $ oty_total_annual_wages_pct_chg   <dbl> 4.5, -1.1, -1.1, -4.4, 19.2, -1.3,~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg            <dbl> 5, 11, 11, -41, 10, 15, -41, -41, ~
## $ oty_annual_avg_wkly_wage_pct_chg        <dbl> 0.9, 1.5, 1.5, -6.4, 1.6, 2.1, -6.~
## $ oty_avg_annual_pay_chg                  <dbl> 284, 540, 540, -2100, 514, 767, -2~
## $ oty_avg_annual_pay_pct_chg              <dbl> 0.9, 1.4, 1.4, -6.3, 1.5, 2.0, -6.~
## Fips loop: 0.616 sec elapsed
## [1] "'Middle' loop with FIPS = 22087"

## Rows: 193 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 193
## Columns: 43
## $ area_fips                         <dbl> 22087, 22087, 22087, 22087, 22087,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "St. Bernard Parish, Louisiana", "~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 1092, 9, 9, 6, 1, 2, 6, 6, 6, 6, 6~
## $ annual_avg_emplvl                 <dbl> 14326, 125, 125, 102, 1, 22, 102, ~
## $ total_annual_wages                <dbl> 322780073, 4641229, 4641229, 38517~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 433, 713, 713, 726, 676, 654, 726,~
## $ avg_annual_pay                    <dbl> 22531, 37080, 37080, 37762, 35166,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 1.16, 1.16, 2.09, 5.44, 0.48~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.34, 0.35, 0.86, 0.13, 0.12~
## $ lq_total_annual_wages             <dbl> 1.00, 0.41, 0.42, 1.15, 0.15, 0.13~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.21, 1.21, 1.33, 1.19, 1.05~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.21, 1.21, 1.33, 1.19, 1.05~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 14, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.3, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> -123, -1, -1, -3, 0, 1, -3, -3, -3~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> -0.9, -0.8, -0.8, -2.9, 0.0, 4.8, ~
```

```
## $ oty_total_annual_wages_chg          <dbl> 9635032, 157398, 157398, 48587, 10~
## $ oty_total_annual_wages_pct_chg      <dbl> 3.1, 3.5, 3.5, 1.3, 2.9, 16.7, 1.3~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 16, 31, 31, 27, 19, 55, 27, 27, 27~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 3.8, 4.5, 4.5, 3.9, 2.9, 9.2, 3.9,~
## $ oty_avg_annual_pay_chg              <dbl> 858, 1611, 1611, 1426, 1007, 2872,~
## $ oty_avg_annual_pay_pct_chg          <dbl> 4.0, 4.5, 4.5, 3.9, 2.9, 9.2, 3.9,~
## Fips loop: 0.676 sec elapsed
## [1] "'Middle' loop with FIPS = 22089"

## Rows: 172 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 172
## Columns: 43
## $ area_fips                  <dbl> 22089, 22089, 22089, 22089, 22089,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "St. Charles Parish, Louisiana", "~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count    <dbl> 831, 16, 16, 11, 1, 4, 11, 10, 10,~
## $ annual_avg_emplvl          <dbl> 20281, 161, 161, 88, 6, 66, 88, 68~
## $ total_annual_wages         <dbl> 676420401, 6068906, 6068906, 30422~
## $ taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage       <dbl> 641, 725, 725, 667, 670, 811, 667,~
## $ avg_annual_pay             <dbl> 33352, 37695, 37695, 34669, 34834,~
## $ lq_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 2.71, 2.72, 5.05, 7.15, 1.26~
## $ lq_annual_avg_emplvl       <dbl> 1.00, 0.31, 0.32, 0.52, 0.54, 0.25~
## $ lq_total_annual_wages      <dbl> 1.00, 0.26, 0.26, 0.43, 0.44, 0.22~
## $ lq_taxable_annual_wages    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage    <dbl> 1.00, 0.83, 0.83, 0.83, 0.80, 0.88~
## $ lq_avg_annual_pay          <dbl> 1.00, 0.83, 0.83, 0.83, 0.80, 0.88~
## $ oty_disclosure_code        <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg      <dbl> 45, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 5.7, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> 257, 2, 2, 0, -3, 3, 0, 2, 2, 2, 2~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 1.3, 1.3, 1.3, 0.0, -33.3, 4.8, 0.~
## $ oty_total_annual_wages_chg           <dbl> 48312401, 91613, 91613, -31908, -3~
## $ oty_total_annual_wages_pct_chg       <dbl> 7.7, 1.5, 1.5, -1.0, -13.4, 5.0, -~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 38, 4, 4, -9, 114, 5, -9, -10, -10~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 6.3, 0.6, 0.6, -1.3, 20.5, 0.6, -1~
## $ oty_avg_annual_pay_chg               <dbl> 1984, 200, 200, -464, 5934, 258, -~
## $ oty_avg_annual_pay_pct_chg           <dbl> 6.3, 0.5, 0.5, -1.3, 20.5, 0.6, -1~
## Fips loop: 0.638 sec elapsed
## [1] "'Middle' loop with FIPS = 22093"

## Rows: 87 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 87
## Columns: 43
## $ area_fips                  <dbl> 22093, 22093, 22093, 22093, 22093,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "St. James Parish, Louisiana", "St~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count    <dbl> 379, 11, 11, 7, 4, 7, 7, 7, 7, 7, ~
## $ annual_avg_emplvl          <dbl> 7520, 119, 119, 31, 88, 31, 31, 31~
## $ total_annual_wages         <dbl> 245197008, 5379269, 5379269, 88306~
## $ taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage       <dbl> 627, 872, 872, 546, 988, 546, 546,~
## $ avg_annual_pay             <dbl> 32607, 45363, 45363, 28410, 51385,~
## $ lq_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 4.08, 4.10, 7.04, 2.77, 7.22~
## $ lq_annual_avg_emplvl       <dbl> 1.00, 0.62, 0.63, 0.50, 0.91, 0.54~
## $ lq_total_annual_wages      <dbl> 1.00, 0.63, 0.65, 0.35, 0.99, 0.37~
## $ lq_taxable_annual_wages    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 1.02, 1.02, 0.69, 1.10, 0.68~
## $ lq_avg_annual_pay                    <dbl> 1.00, 1.02, 1.02, 0.69, 1.10, 0.68~
## $ oty_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 10, -1, -1, -1, 0, -1, -1, -1, -1,~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 2.7, -8.3, -8.3, -12.5, 0.0, -12.5~
## $ oty_annual_avg_emplvl_chg            <dbl> 345, -4, -4, 0, -4, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 4.8, -3.3, -3.3, 0.0, -4.3, 0.0, 0~
## $ oty_total_annual_wages_chg           <dbl> 20242836, -67048, -67048, -23038, ~
## $ oty_total_annual_wages_pct_chg       <dbl> 9.0, -1.2, -1.2, -2.5, -1.0, -2.5,~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 24, 18, 18, -13, 34, -13, -13, -13~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 4.0, 2.1, 2.1, -2.3, 3.6, -2.3, -2~
## $ oty_avg_annual_pay_chg               <dbl> 1254, 964, 964, -663, 1765, -663, ~
## $ oty_avg_annual_pay_pct_chg           <dbl> 4.0, 2.2, 2.2, -2.3, 3.6, -2.3, -2~
## Fips loop: 0.374 sec elapsed
## [1] "'Middle' loop with FIPS = 22095"

## Rows: 124 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 124
## Columns: 43
## $ area_fips                <dbl> 22095, 22095, 22095, 22095, 22095,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "St. John the Baptist Parish, Loui~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 655, 9, 9, 5, 3, 5, 5, 5, 5, 5, 3,~
## $ annual_avg_emplvl        <dbl> 11550, 62, 62, 54, 5, 54, 54, 54, ~
## $ total_annual_wages       <dbl> 287958825, 2205922, 2205922, 19374~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage     <dbl> 479, 683, 683, 687, 716, 687, 687,~
## $ avg_annual_pay           <dbl> 24932, 35532, 35532, 35713, 37252,~
## $ lq_disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 1.93, 1.94, 2.91, 1.20, 2.98~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.21, 0.22, 0.57, 0.03, 0.61~
## $ lq_total_annual_wages            <dbl> 1.00, 0.22, 0.23, 0.65, 0.03, 0.68~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.05, 1.05, 1.14, 1.04, 1.11~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.05, 1.05, 1.14, 1.04, 1.11~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 18, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.8, 12.5, 12.5, 0.0, 50.0, 0.0, 0~
## $ oty_annual_avg_emplvl_chg        <dbl> 540, 5, 5, 6, 1, 6, 6, 6, 6, 6, 1,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 4.9, 8.8, 8.8, 12.5, 25.0, 12.5, 1~
## $ oty_total_annual_wages_chg       <dbl> 18962201, 83270, 83270, 100463, 16~
## $ oty_total_annual_wages_pct_chg   <dbl> 7.0, 3.9, 3.9, 5.5, 10.6, 5.5, 5.5~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 9, -39, -39, -49, 30, -49, -49, -4~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 1.9, -5.4, -5.4, -6.7, 4.4, -6.7, ~
## $ oty_avg_annual_pay_chg           <dbl> 501, -2037, -2037, -2557, 1577, -2~
## $ oty_avg_annual_pay_pct_chg       <dbl> 2.1, -5.4, -5.4, -6.7, 4.4, -6.7, ~
## Fips loop: 0.516 sec elapsed
## [1] "'Middle' loop with FIPS = 22099"

## Rows: 147 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 147
## Columns: 43
## $ area_fips                <dbl> 22099, 22099, 22099, 22099, 22099,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "St. Martin Parish, Louisiana", "S~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 629, 12, 12, 5, 1, 1, 5, 5, 5, 5, ~
## $ annual_avg_emplvl        <dbl> 11347, 65, 65, 50, 6, 1, 8, 50, 50~
## $ total_annual_wages       <dbl> 199036499, 2085040, 2085040, 15952~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                   <dbl> 337, 620, 620, 620, 619, 745, 607,~
## $ avg_annual_pay                         <dbl> 17542, 32243, 32243, 32227, 32195,~
## $ lq_disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count             <dbl> 1.00, 2.68, 2.69, 3.03, 6.47, 9.45~
## $ lq_annual_avg_emplvl                   <dbl> 1.00, 0.22, 0.23, 0.53, 2.24, 0.16~
## $ lq_total_annual_wages                  <dbl> 1.00, 0.30, 0.31, 0.77, 2.36, 0.27~
## $ lq_taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage                <dbl> 1.00, 1.35, 1.35, 1.46, 1.07, 1.69~
## $ lq_avg_annual_pay                      <dbl> 1.00, 1.35, 1.35, 1.46, 1.07, 1.69~
## $ oty_disclosure_code                    <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg        <dbl> 26, 1, 1, 0, 0, 0, 1, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg    <dbl> 4.3, 9.1, 9.1, 0.0, 0.0, 0.0, 25.0~
## $ oty_annual_avg_emplvl_chg              <dbl> 45, 3, 3, 3, -2, 0, 2, 3, 3, 3, 3,~
## $ oty_annual_avg_emplvl_pct_chg          <dbl> 0.4, 4.8, 4.8, 6.4, -25.0, 0.0, 33~
## $ oty_total_annual_wages_chg             <dbl> 5697034, 34138, 34138, 48386, -623~
## $ oty_total_annual_wages_pct_chg         <dbl> 2.9, 1.7, 1.7, 3.1, -24.7, -23.2, ~
## $ oty_taxable_annual_wages_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg           <dbl> 8, -16, -16, -19, 5, -31, -11, -19~
## $ oty_annual_avg_wkly_wage_pct_chg       <dbl> 2.4, -2.5, -2.5, -3.0, 0.8, -4.0, ~
## $ oty_avg_annual_pay_chg                 <dbl> 435, -836, -836, -979, 253, -1620,~
## $ oty_avg_annual_pay_pct_chg             <dbl> 2.5, -2.5, -2.5, -2.9, 0.8, -4.0, ~
## Fips loop: 0.531 sec elapsed
## [1] "'Middle' loop with FIPS = 22101"

## Rows: 283 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 283
## Columns: 43
## $ area_fips                <dbl> 22101, 22101, 22101, 22101, 22101,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "St. Mary Parish, Louisiana", "St.~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
```

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```
## $ annual_avg_estabs_count            <dbl> 1625, 22, 22, 10, 3, 9, 10, 9, 9, ~
## $ annual_avg_emplvl                  <dbl> 26749, 152, 152, 87, 38, 27, 87, 8~
## $ total_annual_wages                 <dbl> 666664511, 5248194, 5248194, 29309~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 479, 665, 665, 650, 681, 695, 650,~
## $ avg_annual_pay                     <dbl> 24923, 34584, 34584, 33787, 35408,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 1.90, 1.91, 2.35, 10.97, 1.4~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.22, 0.23, 0.39, 2.58, 0.08~
## $ lq_total_annual_wages              <dbl> 1.00, 0.23, 0.23, 0.42, 2.80, 0.08~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.02, 1.02, 1.08, 1.09, 1.01~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.02, 1.02, 1.08, 1.09, 1.01~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 20, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.2, 4.8, 4.8, 0.0, 0.0, 12.5, 0.0~
## $ oty_annual_avg_emplvl_chg          <dbl> 460, 0, 0, 1, 3, -3, 1, 1, 1, 1, 1~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 1.7, 0.0, 0.0, 1.2, 8.6, -10.0, 1.~
## $ oty_total_annual_wages_chg         <dbl> 30698572, 6288, 6288, 20845, 16805~
## $ oty_total_annual_wages_pct_chg     <dbl> 4.8, 0.1, 0.1, 0.7, 14.2, -16.0, 0~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 14, 3, 3, 2, 40, -33, 2, 1, 1, 1, ~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 3.0, 0.5, 0.5, 0.3, 6.2, -4.5, 0.3~
## $ oty_avg_annual_pay_chg             <dbl> 732, 154, 154, 111, 2079, -1702, 1~
## $ oty_avg_annual_pay_pct_chg         <dbl> 3.0, 0.4, 0.4, 0.3, 6.2, -4.5, 0.3~
## Fips loop: 0.948 sec elapsed
## [1] "'Middle' loop with FIPS = 22103"

## Rows: 529 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 529
## Columns: 43
## $ area_fips                          <dbl> 22103, 22103, 22103, 22103, 22103,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "St. Tammany Parish, Louisiana", "~
```

```
## $ own_title                     <chr> "Total Covered", "Federal Governme~
## $ industry_title                <chr> "Total, all industries", "Total, a~
## $ agglvl_title                  <chr> "County, Total Covered", "County, ~
## $ size_title                    <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count       <dbl> 3842, 24, 24, 11, 3, 10, 11, 10, 1~
## $ annual_avg_emplvl             <dbl> 45667, 458, 458, 332, 56, 70, 332,~
## $ total_annual_wages            <dbl> 907265422, 16716875, 16716875, 116~
## $ taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage          <dbl> 382, 703, 703, 673, 954, 643, 673,~
## $ avg_annual_pay                <dbl> 19867, 36533, 36533, 34978, 49611,~
## $ lq_disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count    <dbl> 1.00, 0.88, 0.88, 1.09, 4.64, 0.68~
## $ lq_annual_avg_emplvl          <dbl> 1.00, 0.39, 0.40, 0.88, 2.23, 0.12~
## $ lq_total_annual_wages         <dbl> 1.00, 0.53, 0.54, 1.23, 4.24, 0.14~
## $ lq_taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage       <dbl> 1.00, 1.35, 1.35, 1.40, 1.91, 1.17~
## $ lq_avg_annual_pay             <dbl> 1.00, 1.35, 1.35, 1.40, 1.91, 1.17~
## $ oty_disclosure_code           <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 254, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 7.1, 4.3, 4.3, 0.0, 0.0, 11.1, 0.0~
## $ oty_annual_avg_emplvl_chg     <dbl> 2675, 37, 37, 30, 6, 2, 30, 30, 30~
## $ oty_annual_avg_emplvl_pct_chg <dbl> 6.2, 8.8, 8.8, 9.9, 12.0, 2.9, 9.9~
## $ oty_total_annual_wages_chg    <dbl> 82060224, 1184892, 1184892, 110254~
## $ oty_total_annual_wages_pct_chg <dbl> 9.9, 7.6, 7.6, 10.5, 5.9, -3.0, 10~
## $ oty_taxable_annual_wages_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg  <dbl> 13, -7, -7, 4, -47, -34, 4, 5, 5, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.5, -1.0, -1.0, 0.6, -4.7, -5.0, ~
## $ oty_avg_annual_pay_chg        <dbl> 673, -397, -397, 176, -2418, -1767~
## $ oty_avg_annual_pay_pct_chg    <dbl> 3.5, -1.1, -1.1, 0.5, -4.6, -5.0, ~
## Fips loop: 1.532 sec elapsed
## [1] "'Middle' loop with FIPS = 22105"

## Rows: 355 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 355
## Columns: 43
## $ area_fips       <dbl> 22105, 22105, 22105, 22105, 22105,~
## $ own_code        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code   <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code     <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Tangipahoa Parish, Louisiana", "T~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 1850, 27, 27, 12, 2, 13, 12, 12, 1~
## $ annual_avg_emplvl              <dbl> 29302, 260, 260, 160, 16, 84, 160,~
## $ total_annual_wages             <dbl> 537296934, 8450242, 8450242, 53279~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 353, 626, 626, 639, 636, 599, 639,~
## $ avg_annual_pay                 <dbl> 18337, 32553, 32553, 33248, 33049,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 2.05, 2.06, 2.47, 4.40, 1.84~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 0.35, 0.36, 0.66, 2.31, 0.22~
## $ lq_total_annual_wages          <dbl> 1.00, 0.45, 0.46, 0.95, 2.38, 0.26~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 1.30, 1.30, 1.44, 1.05, 1.18~
## $ lq_avg_annual_pay              <dbl> 1.00, 1.30, 1.30, 1.44, 1.05, 1.18~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 99, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.7, 3.8, 3.8, 0.0, 0.0, 8.3, 0.0,~
## $ oty_annual_avg_emplvl_chg      <dbl> 1098, -6, -6, -2, -1, -2, -2, -2, ~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> 3.9, -2.3, -2.3, -1.2, -5.9, -2.3,~
## $ oty_total_annual_wages_chg     <dbl> 39825145, -591627, -591627, -38439~
## $ oty_total_annual_wages_pct_chg <dbl> 8.0, -6.5, -6.5, -6.7, -5.8, -6.3,~
## $ oty_taxable_annual_wages_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg   <dbl> 14, -29, -29, -38, 26, -23, -38, -~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 4.1, -4.4, -4.4, -5.6, 4.3, -3.7, ~
## $ oty_avg_annual_pay_chg         <dbl> 698, -1482, -1482, -1941, 1349, -1~
## $ oty_avg_annual_pay_pct_chg     <dbl> 4.0, -4.4, -4.4, -5.5, 4.3, -3.7, ~
## Fips loop: 1.12 sec elapsed
## [1] "'Middle' loop with FIPS = 22109"

## Rows: 420 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 420
## Columns: 43
## $ area_fips                      <dbl> 22109, 22109, 22109, 22109, 22109,~
```

```
## $ own_code                             <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                        <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                          <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                 <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                  <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                      <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                           <chr> "Terrebonne Parish, Louisiana", "T~
## $ own_title                            <chr> "Total Covered", "Federal Governme~
## $ industry_title                       <chr> "Total, all industries", "Total, a~
## $ agglvl_title                         <chr> "County, Total Covered", "County, ~
## $ size_title                           <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count              <dbl> 2491, 25, 25, 10, 3, 12, 10, 9, 9,~
## $ annual_avg_emplvl                    <dbl> 39377, 282, 282, 150, 2, 130, 150,~
## $ total_annual_wages                   <dbl> 951127276, 10098171, 10098171, 518~
## $ taxable_annual_wages                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                 <dbl> 465, 689, 689, 666, 640, 716, 666,~
## $ avg_annual_pay                       <dbl> 24154, 35830, 35830, 34656, 33287,~
## $ lq_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count           <dbl> 1.00, 1.41, 1.42, 1.53, 7.16, 1.26~
## $ lq_annual_avg_emplvl                 <dbl> 1.00, 0.28, 0.29, 0.46, 0.09, 0.26~
## $ lq_total_annual_wages                <dbl> 1.00, 0.30, 0.31, 0.52, 0.11, 0.28~
## $ lq_taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 1.09, 1.09, 1.14, 1.05, 1.07~
## $ lq_avg_annual_pay                    <dbl> 1.00, 1.09, 1.09, 1.14, 1.05, 1.07~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 40, 2, 2, 0, 0, 2, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 1.6, 8.7, 8.7, 0.0, 0.0, 20.0, 0.0~
## $ oty_annual_avg_emplvl_chg            <dbl> 934, 9, 9, 7, -4, 6, 7, 11, 11, 11~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 2.4, 3.3, 3.3, 4.9, -66.7, 4.8, 4.~
## $ oty_total_annual_wages_chg           <dbl> 49008009, 281977, 281977, 172680, ~
## $ oty_total_annual_wages_pct_chg       <dbl> 5.4, 2.9, 2.9, 3.4, -53.9, 4.2, 3.~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 14, -3, -3, -10, 146, -3, -10, -10~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 3.1, -0.4, -0.4, -1.5, 29.6, -0.4,~
## $ oty_avg_annual_pay_chg               <dbl> 687, -138, -138, -491, 7594, -190,~
## $ oty_avg_annual_pay_pct_chg           <dbl> 2.9, -0.4, -0.4, -1.4, 29.6, -0.5,~
## Fips loop: 1.284 sec elapsed
## [1] "'Middle' loop with FIPS = 22113"

## Rows: 218 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 218
## Columns: 43
## $ area_fips                          <dbl> 22113, 22113, 22113, 22113, 22113,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Vermilion Parish, Louisiana", "Ve~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 1059, 17, 17, 8, 2, 6, 8, 8, 8, 8,~
## $ annual_avg_emplvl                  <dbl> 13915, 149, 149, 82, 32, 31, 82, 8~
## $ total_annual_wages                 <dbl> 297404689, 4543825, 4543825, 26373~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 411, 587, 587, 616, 628, 472, 616,~
## $ avg_annual_pay                     <dbl> 21373, 30530, 30530, 32032, 32655,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 2.26, 2.27, 2.88, 11.22, 1.4~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.42, 0.43, 0.71, 4.17, 0.17~
## $ lq_total_annual_wages              <dbl> 1.00, 0.44, 0.45, 0.85, 4.91, 0.14~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.05, 1.05, 1.19, 1.17, 0.80~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.05, 1.05, 1.19, 1.17, 0.80~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.1, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg          <dbl> 503, -3, -3, 2, -1, 1, 2, 2, 2, 2,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 3.8, -2.0, -2.0, 2.5, -3.0, 3.3, 2~
## $ oty_total_annual_wages_chg         <dbl> 13213361, 44324, 44324, 43080, 631~
## $ oty_total_annual_wages_pct_chg     <dbl> 4.6, 1.0, 1.0, 1.7, 6.4, 14.3, 1.7~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 4, 18, 18, -9, 58, 49, -9, -9, -9,~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 1.0, 3.2, 3.2, -1.4, 10.2, 11.6, -~
## $ oty_avg_annual_pay_chg             <dbl> 183, 960, 960, -464, 3030, 2538, -~
## $ oty_avg_annual_pay_pct_chg         <dbl> 0.9, 3.2, 3.2, -1.4, 10.2, 11.5, -~
## Fips loop: 0.735 sec elapsed
## [1] "'Middle' loop with FIPS = 23005"

## Rows: 884 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 884
## Columns: 43
## $ area_fips                        <dbl> 23005, 23005, 23005, 23005, 23005,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Cumberland County, Maine", "Cumbe~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 9387, 63, 63, 21, 3, 2, 3, 34, 1, ~
## $ annual_avg_emplvl                <dbl> 145717, 3385, 3385, 1767, 7, 40, 1~
## $ total_annual_wages               <dbl> 3699834118, 114808833, 114808833, ~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 488, 652, 652, 683, 699, 1021, 151~
## $ avg_annual_pay                   <dbl> 25391, 33920, 33920, 35533, 36324,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.94, 0.95, 0.85, 1.30, 1.27~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.91, 0.93, 1.47, 0.20, 0.50~
## $ lq_total_annual_wages            <dbl> 1.00, 0.89, 0.92, 1.63, 0.17, 0.80~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.98, 0.98, 1.11, 0.83, 1.60~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.98, 0.98, 1.11, 0.83, 1.60~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 183, 4, 4, 0, -1, 1, 0, 4, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.0, 6.8, 6.8, 0.0, -25.0, 100.0, ~
## $ oty_annual_avg_emplvl_chg        <dbl> 3214, 33, 33, 6, -6, -3, -10, 46, ~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 2.3, 1.0, 1.0, 0.3, -46.2, -7.0, -~
## $ oty_total_annual_wages_chg       <dbl> 214450007, 20966737, 20966737, -15~
## $ oty_total_annual_wages_pct_chg   <dbl> 6.2, 22.3, 22.3, -0.2, -45.1, 10.7~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 18, 114, 114, -4, 28, 158, 5, 273,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.8, 21.2, 21.2, -0.6, 4.2, 18.3, ~
## $ oty_avg_annual_pay_chg           <dbl> 933, 5921, 5921, -205, 1419, 8186,~
## $ oty_avg_annual_pay_pct_chg       <dbl> 3.8, 21.1, 21.1, -0.6, 4.1, 18.2, ~
## Fips loop: 2.504 sec elapsed
## [1] "'Middle' loop with FIPS = 23009"
```

```
## Rows: 288 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 288
## Columns: 43
## $ area_fips                        <dbl> 23009, 23009, 23009, 23009, 23009,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Hancock County, Maine", "Hancock ~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 2120, 26, 24, 13, 1, 7, 1, 1, 1, 1~
## $ annual_avg_emplvl                <dbl> 19586, 363, 343, 162, 148, 24, 6, ~
## $ total_annual_wages               <dbl> 399596148, 6988494, 6719939, 44113~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 392, 370, 377, 523, 160, 644, 193,~
## $ avg_annual_pay                   <dbl> 20402, 19239, 19592, 27175, 8312, ~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 1.72, 1.60, 2.34, 3.34, 0.87~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.72, 0.70, 1.00, 14.69, 0.1~
## $ lq_total_annual_wages            <dbl> 1.00, 0.50, 0.50, 1.06, 8.46, 0.11~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.69, 0.71, 1.06, 0.58, 1.14~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.69, 0.71, 1.06, 0.58, 1.14~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 32, 2, 2, 0, 0, 1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.5, 8.3, 9.1, 0.0, 0.0, 16.7, 0.0~
## $ oty_annual_avg_emplvl_chg        <dbl> 265, 10, 27, 6, 22, 2, 0, 0, 0, 0,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 1.4, 2.8, 8.5, 3.8, 17.5, 9.1, 0.0~
## $ oty_total_annual_wages_chg       <dbl> 18667508, 314487, 295754, 61403, 2~
## $ oty_total_annual_wages_pct_chg   <dbl> 4.9, 4.7, 4.6, 1.4, 26.7, 11.2, -0~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 13, 7, -14, -13, 12, 24, 21, 21, 2~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.4, 1.9, -3.6, -2.4, 8.1, 3.9, 12~
```

```
## $ oty_avg_annual_pay_chg               <dbl> 686, 350, -743, -680, 594, 1241, 1~
## $ oty_avg_annual_pay_pct_chg           <dbl> 3.5, 1.9, -3.7, -2.4, 7.7, 3.8, 12~
## Fips loop: 0.871 sec elapsed
## [1] "'Middle' loop with FIPS = 23013"

## Rows: 251 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 251
## Columns: 43
## $ area_fips                            <dbl> 23013, 23013, 23013, 23013, 23013,~
## $ own_code                             <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                        <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                          <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                 <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                  <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                      <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                           <chr> "Knox County, Maine", "Knox County~
## $ own_title                            <chr> "Total Covered", "Federal Governme~
## $ industry_title                       <chr> "Total, all industries", "Total, a~
## $ agglvl_title                         <chr> "County, Total Covered", "County, ~
## $ size_title                           <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count              <dbl> 1437, 15, 15, 8, 1, 1, 5, 8, 8, 8,~
## $ annual_avg_emplvl                    <dbl> 16364, 136, 136, 105, 7, 6, 18, 10~
## $ total_annual_wages                   <dbl> 323347385, 4400751, 4400751, 33141~
## $ taxable_annual_wages                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                 <dbl> 380, 624, 624, 607, 558, 785, 699,~
## $ avg_annual_pay                       <dbl> 19759, 32458, 32458, 31563, 29037,~
## $ lq_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count           <dbl> 1.00, 1.47, 1.47, 2.12, 2.83, 4.14~
## $ lq_annual_avg_emplvl                 <dbl> 1.00, 0.32, 0.33, 0.78, 1.81, 0.67~
## $ lq_total_annual_wages                <dbl> 1.00, 0.39, 0.40, 0.99, 1.55, 1.02~
## $ lq_taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 1.21, 1.21, 1.27, 0.86, 1.58~
## $ lq_avg_annual_pay                    <dbl> 1.00, 1.21, 1.21, 1.27, 0.86, 1.58~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 23, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 1.6, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> 891, -2, -2, 1, -1, -2, 0, 1, 1, 1~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 5.8, -1.4, -1.4, 1.0, -12.5, -25.0~
## $ oty_total_annual_wages_chg           <dbl> 30764657, 7256, 7256, 43114, 7237,~
## $ oty_total_annual_wages_pct_chg       <dbl> 10.5, 0.2, 0.2, 1.3, 3.7, -15.2, -~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 16, 12, 12, 4, 92, 89, 9, 4, 4, 4,~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 4.4, 2.0, 2.0, 0.7, 19.7, 12.8, 1.~
## $ oty_avg_annual_pay_chg               <dbl> 849, 640, 640, 186, 4786, 4603, 47~
## $ oty_avg_annual_pay_pct_chg           <dbl> 4.5, 2.0, 2.0, 0.6, 19.7, 12.7, 1.~
## Fips loop: 0.853 sec elapsed
## [1] "'Middle' loop with FIPS = 23015"

## Rows: 178 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 178
## Columns: 43
## $ area_fips                    <dbl> 23015, 23015, 23015, 23015, 23015,~
## $ own_code                     <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3~
## $ industry_code                <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                  <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                         <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                          <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                   <chr> "Lincoln County, Maine", "Lincoln ~
## $ own_title                    <chr> "Total Covered", "Federal Governme~
## $ industry_title               <chr> "Total, all industries", "Total, a~
## $ agglvl_title                 <chr> "County, Total Covered", "County, ~
## $ size_title                   <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count      <dbl> 1135, 11, 11, 8, 2, 8, 8, 8, 8, 8,~
## $ annual_avg_emplvl            <dbl> 9627, 102, 102, 97, 1, 97, 97, 97,~
## $ total_annual_wages           <dbl> 195734103, 2897051, 2897051, 27401~
## $ taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage         <dbl> 391, 545, 545, 542, 590, 542, 542,~
## $ avg_annual_pay               <dbl> 20331, 28333, 28333, 28177, 30683,~
## $ lq_disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count   <dbl> 1.00, 1.36, 1.37, 2.69, 0.46, 2.76~
## $ lq_annual_avg_emplvl         <dbl> 1.00, 0.41, 0.43, 1.22, 0.01, 1.32~
## $ lq_total_annual_wages        <dbl> 1.00, 0.42, 0.44, 1.35, 0.01, 1.42~
## $ lq_taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage      <dbl> 1.00, 1.02, 1.02, 1.10, 1.05, 1.07~
## $ lq_avg_annual_pay            <dbl> 1.00, 1.02, 1.02, 1.10, 1.05, 1.08~
## $ oty_disclosure_code          <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 22, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg    <dbl> 296, 0, 0, 1, -1, 1, 1, 1, 1, 1, --~
## $ oty_annual_avg_emplvl_pct_chg <dbl> 3.2, 0.0, 0.0, 1.0, -50.0, 1.0, 1.~
```

```
## $ oty_total_annual_wages_chg          <dbl> 16135385, -5889, -5889, 24688, -86~
## $ oty_total_annual_wages_pct_chg      <dbl> 9.0, -0.2, -0.2, 0.9, -17.5, 0.9, ~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 21, -2, -2, -4, 18, -4, -4, -4, -4~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 5.7, -0.4, -0.4, -0.7, 3.1, -0.7, ~
## $ oty_avg_annual_pay_chg              <dbl> 1084, -127, -127, -233, 943, -233,~
## $ oty_avg_annual_pay_pct_chg          <dbl> 5.6, -0.4, -0.4, -0.8, 3.2, -0.8, ~
## Fips loop: 0.639 sec elapsed
## [1] "'Middle' loop with FIPS = 23023"

## Rows: 135 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 135
## Columns: 43
## $ area_fips                           <dbl> 23023, 23023, 23023, 23023, 23023,~
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 3~
## $ industry_code                       <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                          <chr> "Sagadahoc County, Maine", "Sagada~
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 728, 7, 6, 5, 5, 5, 5, 5, 5, 11, 1~
## $ annual_avg_emplvl                   <dbl> 15345, 311, 61, 61, 61, 61, 61, 61~
## $ total_annual_wages                  <dbl> 444426788, 12686334, 1919651, 1919~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 557, 784, 608, 608, 608, 608, 608,~
## $ avg_annual_pay                      <dbl> 28963, 40770, 31599, 31599, 31599,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 1.35, 1.16, 2.62, 2.69, 2.74~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 0.79, 0.16, 0.48, 0.52, 0.54~
## $ lq_total_annual_wages               <dbl> 1.00, 0.82, 0.13, 0.42, 0.44, 0.47~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 1.03, 0.80, 0.87, 0.85, 0.86~
## $ lq_avg_annual_pay                   <dbl> 1.00, 1.03, 0.80, 0.87, 0.85, 0.86~
## $ oty_disclosure_code                 <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg      <dbl> 24, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 3.4, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> -554, 10, 3, 3, 3, 3, 3, 3, 3, 1, ~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> -3.5, 3.3, 5.2, 5.2, 5.2, 5.2, 5.2~
## $ oty_total_annual_wages_chg           <dbl> 13254326, 671967, 49001, 49001, 49~
## $ oty_total_annual_wages_pct_chg       <dbl> 3.1, 5.6, 2.6, 2.6, 2.6, 2.6, 2.6,~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 35, 17, -17, -17, -17, -17, -17, -~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 6.7, 2.2, -2.7, -2.7, -2.7, -2.7, ~
## $ oty_avg_annual_pay_chg               <dbl> 1843, 866, -887, -887, -887, -887,~
## $ oty_avg_annual_pay_pct_chg           <dbl> 6.8, 2.2, -2.7, -2.7, -2.7, -2.7, ~
## Fips loop: 0.483 sec elapsed
## [1] "'Middle' loop with FIPS = 23027"

## Rows: 151 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 151
## Columns: 43
## $ area_fips                <dbl> 23027, 23027, 23027, 23027, 23027,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Waldo County, Maine", "Waldo Coun~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 827, 14, 14, 6, 7, 6, 6, 6, 6, 6, ~
## $ annual_avg_emplvl        <dbl> 7332, 114, 114, 92, 18, 92, 92, 92~
## $ total_annual_wages       <dbl> 128786707, 3410916, 3410916, 24904~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage     <dbl> 338, 574, 574, 519, 840, 519, 519,~
## $ avg_annual_pay           <dbl> 17566, 29833, 29833, 26973, 43695,~
## $ lq_disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 2.38, 2.39, 2.77, 2.22, 2.84~
## $ lq_annual_avg_emplvl     <dbl> 1.00, 0.61, 0.62, 1.52, 0.19, 1.65~
## $ lq_total_annual_wages    <dbl> 1.00, 0.76, 0.78, 1.86, 0.33, 1.97~
## $ lq_taxable_annual_wages  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.25, 1.25, 1.22, 1.73, 1.19~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.25, 1.25, 1.22, 1.73, 1.19~
## $ oty_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.1, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg          <dbl> 281, 3, 3, 5, -1, 5, 5, 5, 5, 5, -~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 4.0, 2.7, 2.7, 5.7, -5.3, 5.7, 5.7~
## $ oty_total_annual_wages_chg         <dbl> 8480223, 75977, 75977, 58168, 4626~
## $ oty_total_annual_wages_pct_chg     <dbl> 7.0, 2.3, 2.3, 2.4, 6.3, 2.4, 2.4,~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 10, -5, -5, -22, 85, -22, -22, -22~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 3.0, -0.9, -0.9, -4.1, 11.3, -4.1,~
## $ oty_avg_annual_pay_chg             <dbl> 502, -257, -257, -1146, 4409, -114~
## $ oty_avg_annual_pay_pct_chg         <dbl> 2.9, -0.9, -0.9, -4.1, 11.2, -4.1,~
## Fips loop: 0.573 sec elapsed
## [1] "'Middle' loop with FIPS = 23029"

## Rows: 196 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 196
## Columns: 43
## $ area_fips                  <dbl> 23029, 23029, 23029, 23029, 23029,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Washington County, Maine", "Washi~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count    <dbl> 1065, 35, 35, 11, 4, 1, 17, 1, 1, ~
## $ annual_avg_emplvl          <dbl> 11318, 329, 329, 119, 7, 1, 109, 4~
## $ total_annual_wages         <dbl> 220963703, 10304140, 10304140, 299~
## $ taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage       <dbl> 375, 603, 603, 486, 624, 1206, 717~
## $ avg_annual_pay             <dbl> 19523, 31343, 31343, 25248, 32440,~
## $ lq_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

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```
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 4.62, 4.64, 3.94, 15.27, 5.5~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 1.14, 1.17, 1.27, 2.62, 0.16~
## $ lq_total_annual_wages             <dbl> 1.00, 1.34, 1.38, 1.30, 2.65, 0.39~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.18, 1.18, 1.03, 0.97, 2.45~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.18, 1.18, 1.03, 0.97, 2.45~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, "N", NA, NA, N~
## $ oty_annual_avg_estabs_count_chg   <dbl> 10, 4, 4, 0, 1, 0, 2, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.9, 12.9, 12.9, 0.0, 33.3, 0.0, 1~
## $ oty_annual_avg_emplvl_chg         <dbl> 147, 0, 0, 3, -3, 0, -1, -1, -1, -~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 1.3, 0.0, 0.0, 2.6, -30.0, 0.0, -0~
## $ oty_total_annual_wages_chg        <dbl> 8144367, -563233, -563233, 23409, ~
## $ oty_total_annual_wages_pct_chg    <dbl> 3.8, -5.2, -5.2, 0.8, -22.9, 0.0, ~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 9, -33, -33, -9, 16, 0, -2, -15, -~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 2.5, -5.2, -5.2, -1.8, 2.6, 0.0, -~
## $ oty_avg_annual_pay_chg            <dbl> 471, -1739, -1739, -490, 812, 0, -~
## $ oty_avg_annual_pay_pct_chg        <dbl> 2.5, -5.3, -5.3, -1.9, 2.6, 0.0, -~
## Fips loop: 0.644 sec elapsed
## [1] "'Middle' loop with FIPS = 23031"

## Rows: 507 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 507
## Columns: 43
## $ area_fips                         <dbl> 23031, 23031, 23031, 23031, 23031,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "101", "1013", "102", ~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 72, 73, 73, 73, 74~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "York County, Maine", "York County~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 4581, 36, 1, 1, 35, 28, 1, 6, 1, 1~
## $ annual_avg_emplvl                 <dbl> 56059, 4454, 4050, 4050, 404, 370,~
## $ total_annual_wages                <dbl> 1278107253, 202209070, 188594393, ~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                       <dbl> 438, 873, 896, 896, 648, 621, 566,~
## $ avg_annual_pay                             <dbl> 22799, 45402, 46568, 46568, 33707,~
## $ lq_disclosure_code                         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count                 <dbl> 1.00, 1.10, 7.07, 30.70, 1.08, 2.3~
## $ lq_annual_avg_emplvl                       <dbl> 1.00, 3.10, 107.15, 121.30, 0.29, ~
## $ lq_total_annual_wages                      <dbl> 1.00, 4.54, 156.79, 176.72, 0.31, ~
## $ lq_taxable_annual_wages                    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions                    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage                    <dbl> 1.00, 1.46, 1.47, 1.46, 1.09, 1.13~
## $ lq_avg_annual_pay                          <dbl> 1.00, 1.46, 1.46, 1.46, 1.09, 1.13~
## $ oty_disclosure_code                        <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg            <dbl> 40, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg        <dbl> 0.9, 2.9, 0.0, 0.0, 2.9, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg                  <dbl> 979, -558, -567, -567, 9, 9, 1, -1~
## $ oty_annual_avg_emplvl_pct_chg              <dbl> 1.8, -11.1, -12.3, -12.3, 2.3, 2.5~
## $ oty_total_annual_wages_chg                 <dbl> 33621933, -22119330, -22593152, -2~
## $ oty_total_annual_wages_pct_chg             <dbl> 2.7, -9.9, -10.7, -10.7, 3.6, -0.4~
## $ oty_taxable_annual_wages_chg               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg               <dbl> 3, 12, 16, 16, 8, -18, 25, 372, 16~
## $ oty_annual_avg_wkly_wage_pct_chg           <dbl> 0.7, 1.4, 1.8, 1.8, 1.2, -2.8, 4.6~
## $ oty_avg_annual_pay_chg                     <dbl> 205, 642, 828, 828, 418, -938, 132~
## $ oty_avg_annual_pay_pct_chg                 <dbl> 0.9, 1.4, 1.8, 1.8, 1.3, -2.8, 4.7~
## Fips loop: 1.522 sec elapsed
## [1] "'Middle' loop with FIPS = 24003"

## Rows: 834 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 834
## Columns: 43
## $ area_fips                       <dbl> 24003, 24003, 24003, 24003, 24003,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Anne Arundel County, Maryland", "~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
```

```
## $ annual_avg_estabs_count           <dbl> 11119, 63, 63, 31, 4, 1, 5, 22, 31~
## $ annual_avg_emplvl                 <dbl> 167828, 7569, 7569, 1106, 370, 176~
## $ total_annual_wages                <dbl> 4744975253, 268781441, 268781441, ~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 544, 683, 683, 733, 308, 787, 574,~
## $ avg_annual_pay                    <dbl> 28273, 35512, 35512, 38093, 16030,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.80, 0.80, 1.06, 2.14, 1.38~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 1.76, 1.81, 0.80, 4.00, 4.55~
## $ lq_total_annual_wages             <dbl> 1.00, 1.63, 1.67, 0.85, 1.73, 4.65~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 0.92, 0.92, 1.07, 0.43, 1.02~
## $ lq_avg_annual_pay                 <dbl> 1.00, 0.92, 0.92, 1.07, 0.43, 1.02~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 154, 41, 41, 27, 1, 0, 2, 11, 27, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.4, 186.4, 186.4, 675.0, 33.3, 0.~
## $ oty_annual_avg_emplvl_chg         <dbl> 5753, 722, 722, 45, -15, 202, 41, ~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 3.5, 10.5, 10.5, 4.2, -3.9, 12.9, ~
## $ oty_total_annual_wages_chg        <dbl> 264983558, 28277743, 28277743, -24~
## $ oty_total_annual_wages_pct_chg    <dbl> 5.9, 11.8, 11.8, -0.6, 1.3, 9.3, 1~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 12, 8, 8, -35, 16, -26, 160, 27, -~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 2.3, 1.2, 1.2, -4.6, 5.5, -3.2, 38~
## $ oty_avg_annual_pay_chg            <dbl> 632, 387, 387, -1827, 838, -1368, ~
## $ oty_avg_annual_pay_pct_chg        <dbl> 2.3, 1.1, 1.1, -4.6, 5.5, -3.2, 38~
## Fips loop: 2.415 sec elapsed
## [1] "'Middle' loop with FIPS = 24005"

## Rows: 955 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 955
## Columns: 43
## $ area_fips                         <dbl> 24005, 24005, 24005, 24005, 24005,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Baltimore County, Maryland", "Bal~
```

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## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 19465, 54, 54, 30, 3, 20, 30, 30, ~
## $ annual_avg_emplvl                  <dbl> 325549, 14498, 14498, 594, 2, 1334~
## $ total_annual_wages                 <dbl> 9281110477, 659336534, 659336534, ~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 548, 875, 875, 692, 760, 880, 692,~
## $ avg_annual_pay                     <dbl> 28509, 45476, 45476, 36005, 39501,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 0.39, 0.39, 0.59, 0.92, 0.27~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 1.74, 1.79, 0.22, 0.01, 3.19~
## $ lq_total_annual_wages              <dbl> 1.00, 2.04, 2.10, 0.22, 0.01, 3.56~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.17, 1.17, 1.00, 1.06, 1.12~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.17, 1.17, 1.00, 1.06, 1.12~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 340, 36, 36, 28, 1, 6, 28, 28, 28,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.8, 200.0, 200.0, 1400.0, 50.0, 4~
## $ oty_annual_avg_emplvl_chg          <dbl> 7411, -276, -276, 31, -1, -260, 31~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 2.3, -1.9, -1.9, 5.5, -33.3, -1.9,~
## $ oty_total_annual_wages_chg         <dbl> 505064075, 3416174, 3416174, -1654~
## $ oty_total_annual_wages_pct_chg     <dbl> 5.8, 0.5, 0.5, -0.8, -67.8, 0.6, -~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 18, 21, 21, -43, -418, 22, -43, -4~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 3.4, 2.5, 2.5, -5.9, -35.5, 2.6, -~
## $ oty_avg_annual_pay_chg             <dbl> 923, 1079, 1079, -2239, -21754, 11~
## $ oty_avg_annual_pay_pct_chg         <dbl> 3.3, 2.4, 2.4, -5.9, -35.5, 2.6, -~
## Fips loop: 2.703 sec elapsed
## [1] "'Middle' loop with FIPS = 24009"

## Rows: 191 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 191
## Columns: 43
## $ area_fips                          <dbl> 24009, 24009, 24009, 24009, 24009,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Calvert County, Maryland", "Calve~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 1251, 19, 19, 13, 5, 13, 13, 13, 1~
## $ annual_avg_emplvl                  <dbl> 14002, 80, 80, 73, 7, 73, 73, 73, ~
## $ total_annual_wages                 <dbl> 370012869, 2917353, 2917353, 26682~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 508, 698, 698, 702, 652, 702, 702,~
## $ avg_annual_pay                     <dbl> 26425, 36278, 36278, 36509, 33894,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 2.14, 2.14, 3.96, 1.05, 4.06~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.22, 0.23, 0.63, 0.04, 0.68~
## $ lq_total_annual_wages              <dbl> 1.00, 0.23, 0.23, 0.69, 0.04, 0.73~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.01, 1.01, 1.10, 0.89, 1.07~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.01, 1.01, 1.10, 0.89, 1.07~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 46, 14, 14, 11, 3, 11, 11, 11, 11,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.8, 280.0, 280.0, 550.0, 150.0, 5~
## $ oty_annual_avg_emplvl_chg          <dbl> 917, 10, 10, 4, 6, 4, 4, 4, 4, 4, ~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 7.0, 14.3, 14.3, 5.8, 600.0, 5.8, ~
## $ oty_total_annual_wages_chg         <dbl> 17020838, 89906, 89906, -120926, 2~
## $ oty_total_annual_wages_pct_chg     <dbl> 4.8, 3.2, 3.2, -4.3, 569.4, -4.3, ~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> -11, -83, -83, -79, -127, -79, -79~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> -2.1, -10.6, -10.6, -10.1, -16.3, ~
## $ oty_avg_annual_pay_chg             <dbl> -552, -4356, -4356, -4109, -6610, ~
## $ oty_avg_annual_pay_pct_chg         <dbl> -2.0, -10.7, -10.7, -10.1, -16.3, ~
## Fips loop: 0.685 sec elapsed
## [1] "'Middle' loop with FIPS = 24011"

## Rows: 125 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 125
## Columns: 43
## $ area_fips                          <dbl> 24011, 24011, 24011, 24011, 24011,~
```

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```
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                       <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                          <chr> "Caroline County, Maryland", "Caro~
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 589, 11, 11, 8, 3, 8, 8, 8, 8, ~
## $ annual_avg_emplvl                   <dbl> 7835, 78, 78, 68, 11, 68, 68, 68, ~
## $ total_annual_wages                  <dbl> 172365437, 2258486, 2258486, 19158~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 423, 556, 556, 546, 623, 546, 546,~
## $ avg_annual_pay                      <dbl> 22001, 28924, 28924, 28382, 32379,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 2.63, 2.64, 5.18, 1.34, 5.31~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 0.39, 0.40, 1.05, 0.11, 1.14~
## $ lq_total_annual_wages               <dbl> 1.00, 0.38, 0.39, 1.07, 0.11, 1.13~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 0.97, 0.97, 1.03, 1.02, 1.00~
## $ lq_avg_annual_pay                   <dbl> 1.00, 0.97, 0.97, 1.03, 1.02, 1.00~
## $ oty_disclosure_code                 <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 15, 8, 8, 6, 2, 6, 6, 6, 6, 6, 2, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.6, 266.7, 266.7, 300.0, 200.0, 3~
## $ oty_annual_avg_emplvl_chg           <dbl> 315, 7, 7, 1, 7, 1, 1, 1, 1, 1, 7,~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 4.2, 9.9, 9.9, 1.5, 175.0, 1.5, 1.~
## $ oty_total_annual_wages_chg          <dbl> 12097380, 267294, 267294, 16751, 2~
## $ oty_total_annual_wages_pct_chg      <dbl> 7.5, 13.4, 13.4, 0.9, 271.9, 0.9, ~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 13, 13, 13, -2, 180, -2, -2, -2, -~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 3.2, 2.4, 2.4, -0.4, 40.6, -0.4, -~
## $ oty_avg_annual_pay_chg              <dbl> 688, 713, 713, -140, 9346, -140, -~
## $ oty_avg_annual_pay_pct_chg          <dbl> 3.2, 2.5, 2.5, -0.5, 40.6, -0.5, -~
## Fips loop: 0.465 sec elapsed
## [1] "'Middle' loop with FIPS = 24015"

## Rows: 252 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 252
## Columns: 43
## $ area_fips                          <dbl> 24015, 24015, 24015, 24015, 24015,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Cecil County, Maryland", "Cecil C~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 1548, 25, 25, 13, 1, 1, 10, 13, 13~
## $ annual_avg_emplvl                  <dbl> 19479, 1741, 1741, 137, 0, 1429, 1~
## $ total_annual_wages                 <dbl> 498022279, 75148266, 75148266, 441~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 492, 830, 830, 617, 0, 861, 749, 6~
## $ avg_annual_pay                     <dbl> 25567, 43174, 43174, 32099, 0, 447~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 2.27, 2.28, 3.20, 3.84, 9.92~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 3.49, 3.59, 0.85, 0.00, 31.7~
## $ lq_total_annual_wages              <dbl> 1.00, 4.33, 4.45, 0.85, 0.00, 39.1~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.24, 1.24, 1.00, 0.00, 1.23~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.24, 1.24, 1.00, 0.00, 1.23~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 15, 15, 15, 11, -1, 0, 5, 11, 11, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1, 150, 150, 550, -50, 0, 100, 550~
## $ oty_annual_avg_emplvl_chg          <dbl> 154, -45, -45, 10, -156, -5, 104, ~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 0.8, -2.5, -2.5, 7.9, -100.0, -0.3~
## $ oty_total_annual_wages_chg         <dbl> 17691232, 1883385, 1883385, 203529~
## $ oty_total_annual_wages_pct_chg     <dbl> 3.7, 2.6, 2.6, 4.8, -100.0, 5.1, 1~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 14, 41, 41, -21, -733, 45, 119, -2~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 2.9, 5.2, 5.2, -3.3, -100.0, 5.5, ~
## $ oty_avg_annual_pay_chg             <dbl> 711, 2162, 2162, -1074, -38131, 23~
## $ oty_avg_annual_pay_pct_chg         <dbl> 2.9, 5.3, 5.3, -3.2, -100.0, 5.5, ~
## Fips loop: 0.803 sec elapsed
## [1] "'Middle' loop with FIPS = 24017"

## Rows: 329 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 329
## Columns: 43
## $ area_fips                       <dbl> 24017, 24017, 24017, 24017, 24017,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Charles County, Maryland", "Charl~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 2278, 22, 21, 14, 7, 14, 13, 13, 1~
## $ annual_avg_emplvl               <dbl> 33115, 2881, 255, 234, 21, 234, 23~
## $ total_annual_wages              <dbl> 770298711, 115471301, 7990261, 729~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 447, 771, 603, 601, 634, 601, 601,~
## $ avg_annual_pay                  <dbl> 23262, 40079, 31375, 31230, 32990,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 1.36, 1.30, 2.34, 0.81, 2.40~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 3.40, 0.31, 0.85, 0.05, 0.93~
## $ lq_total_annual_wages           <dbl> 1.00, 4.30, 0.31, 0.91, 0.05, 0.96~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.27, 0.99, 1.07, 0.99, 1.04~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.27, 0.99, 1.07, 0.99, 1.04~
## $ oty_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 53, 15, 15, 12, 3, 12, 11, 11, 11,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.4, 214.3, 250.0, 600.0, 75.0, 60~
## $ oty_annual_avg_emplvl_chg       <dbl> 1639, 118, 55, 45, 10, 45, 44, 44,~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 5.2, 4.3, 27.5, 23.8, 90.9, 23.8, ~
## $ oty_total_annual_wages_chg      <dbl> 41172327, 59277, 1113326, 717726, ~
## $ oty_total_annual_wages_pct_chg  <dbl> 5.6, 0.1, 16.2, 10.9, 131.9, 10.9,~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 2, -32, -60, -68, 85, -68, -68, -6~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 0.4, -4.0, -9.0, -10.2, 15.5, -10.~
## $ oty_avg_annual_pay_chg          <dbl> 98, -1692, -3081, -3554, 4424, -35~
## $ oty_avg_annual_pay_pct_chg      <dbl> 0.4, -4.1, -8.9, -10.2, 15.5, -10.~
## Fips loop: 1.022 sec elapsed
## [1] "'Middle' loop with FIPS = 24019"
```

```
## Rows: 159 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 159
## Columns: 43
## $ area_fips                       <dbl> 24019, 24019, 24019, 24019, 24019,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Dorchester County, Maryland", "Do~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 754, 14, 14, 5, 2, 7, 5, 5, 5, 5, ~
## $ annual_avg_emplvl               <dbl> 11174, 121, 121, 72, 1, 48, 72, 72~
## $ total_annual_wages              <dbl> 241912983, 4105199, 4105199, 22170~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 416, 650, 650, 592, 845, 733, 592,~
## $ avg_annual_pay                  <dbl> 21650, 33811, 33811, 30793, 43935,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 2.61, 2.62, 2.53, 15.77, 2.4~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.42, 0.43, 0.78, 0.16, 0.33~
## $ lq_total_annual_wages           <dbl> 1.00, 0.49, 0.50, 0.88, 0.25, 0.41~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.15, 1.15, 1.13, 1.55, 1.22~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.15, 1.15, 1.13, 1.55, 1.22~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> -7, 7, 7, 3, 1, 3, 3, 3, 3, 3, 3, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -0.9, 100.0, 100.0, 150.0, 100.0, ~
## $ oty_annual_avg_emplvl_chg       <dbl> 353, 13, 13, 7, 0, 6, 7, 7, 7, 7, ~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 3.3, 12.0, 12.0, 10.8, 0.0, 14.3, ~
## $ oty_total_annual_wages_chg      <dbl> 10325163, 537130, 537130, 120079, ~
## $ oty_total_annual_wages_pct_chg  <dbl> 4.5, 15.1, 15.1, 5.7, -1.2, 29.3, ~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 4, 16, 16, -26, -10, 78, -26, -26,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 1.0, 2.5, 2.5, -4.2, -1.2, 11.9, -~
```

```
## $ oty_avg_annual_pay_chg                   <dbl> 249, 824, 824, -1345, -515, 4055, ~
## $ oty_avg_annual_pay_pct_chg               <dbl> 1.2, 2.5, 2.5, -4.2, -1.2, 11.9, -~
## Fips loop: 0.58 sec elapsed
## [1] "'Middle' loop with FIPS = 24025"

## Rows: 493 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 493
## Columns: 43
## $ area_fips                        <dbl> 24025, 24025, 24025, 24025, 24025,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Harford County, Maryland", "Harfo~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 4098, 32, 32, 19, 1, 12, 19, 19, 1~
## $ annual_avg_emplvl                <dbl> 56903, 8438, 8438, 378, 365, 7695,~
## $ total_annual_wages               <dbl> 1324899189, 254435689, 254435689, ~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 448, 580, 580, 647, 218, 594, 647,~
## $ avg_annual_pay                   <dbl> 23283, 30153, 30153, 33618, 11338,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 1.10, 1.10, 1.77, 1.45, 0.77~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 5.79, 5.95, 0.80, 11.64, 10.~
## $ lq_total_annual_wages            <dbl> 1.00, 5.51, 5.66, 0.92, 4.33, 9.69~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.95, 0.95, 1.15, 0.37, 0.92~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.95, 0.95, 1.15, 0.37, 0.92~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 86, 20, 20, 17, 0, 3, 17, 17, 17, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.1, 166.7, 166.7, 850.0, 0.0, 33.~
## $ oty_annual_avg_emplvl_chg        <dbl> 802, -195, -195, 22, 6, -222, 22, ~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 1.4, -2.3, -2.3, 6.2, 1.7, -2.8, 6~
## $ oty_total_annual_wages_chg       <dbl> 67334103, 17787962, 17787962, -322~
## $ oty_total_annual_wages_pct_chg   <dbl> 5.4, 7.5, 7.5, -0.3, 5.9, 8.0, -0.~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

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```
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 17, 53, 53, -41, 9, 60, -41, -41, ~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 3.9, 10.1, 10.1, -6.0, 4.3, 11.2, ~
## $ oty_avg_annual_pay_chg               <dbl> 867, 2739, 2739, -2135, 462, 3086,~
## $ oty_avg_annual_pay_pct_chg           <dbl> 3.9, 10.0, 10.0, -6.0, 4.2, 11.1, ~
## Fips loop: 1.478 sec elapsed
## [1] "'Middle' loop with FIPS = 24027"

## Rows: 649 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 649
## Columns: 43
## $ area_fips                      <dbl> 24027, 24027, 24027, 24027, 24027,~
## $ own_code                       <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                  <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                    <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Howard County, Maryland", "Howard~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 6084, 31, 31, 18, 13, 18, 18, 18, ~
## $ annual_avg_emplvl              <dbl> 95764, 500, 500, 377, 123, 377, 37~
## $ total_annual_wages             <dbl> 2901481246, 19055649, 19055649, 13~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 583, 733, 733, 712, 799, 712, 712,~
## $ avg_annual_pay                 <dbl> 30298, 38130, 38130, 37014, 41559,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 0.72, 0.72, 1.13, 0.56, 1.16~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 0.20, 0.21, 0.48, 0.10, 0.52~
## $ lq_total_annual_wages          <dbl> 1.00, 0.19, 0.19, 0.46, 0.10, 0.49~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 0.92, 0.92, 0.97, 0.95, 0.95~
## $ lq_avg_annual_pay              <dbl> 1.00, 0.92, 0.93, 0.97, 0.95, 0.95~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 214, 22, 22, 16, 6, 16, 16, 16, 16~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.6, 244.4, 244.4, 800.0, 85.7, 80~
## $ oty_annual_avg_emplvl_chg      <dbl> 4639, 52, 52, 30, 22, 30, 30, 30, ~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> 5.1, 11.6, 11.6, 8.6, 21.8, 8.6, 8~
```

```
## $ oty_total_annual_wages_chg           <dbl> 223161053, 863141, 863141, -35964,~
## $ oty_total_annual_wages_pct_chg       <dbl> 8.3, 4.7, 4.7, -0.3, 21.4, -0.3, -~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 18, -49, -49, -64, -1, -64, -64, -~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 3.2, -6.3, -6.3, -8.2, -0.1, -8.2,~
## $ oty_avg_annual_pay_chg               <dbl> 906, -2516, -2516, -3352, -48, -33~
## $ oty_avg_annual_pay_pct_chg           <dbl> 3.1, -6.2, -6.2, -8.3, -0.1, -8.3,~
## Fips loop: 1.869 sec elapsed
## [1] "'Middle' loop with FIPS = 24029"

## Rows: 134 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 134
## Columns: 43
## $ area_fips                            <dbl> 24029, 24029, 24029, 24029, 24029,~
## $ own_code                             <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                        <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                          <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                 <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                  <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                      <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                           <chr> "Kent County, Maryland", "Kent Cou~
## $ own_title                            <chr> "Total Covered", "Federal Governme~
## $ industry_title                       <chr> "Total, all industries", "Total, a~
## $ agglvl_title                         <chr> "County, Total Covered", "County, ~
## $ size_title                           <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count              <dbl> 701, 14, 14, 8, 6, 8, 8, 8, 8, 8, ~
## $ annual_avg_emplvl                    <dbl> 7042, 78, 78, 63, 15, 63, 63, 63, ~
## $ total_annual_wages                   <dbl> 139319738, 2242375, 2242375, 17039~
## $ taxable_annual_wages                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                 <dbl> 380, 555, 555, 524, 683, 524, 524,~
## $ avg_annual_pay                       <dbl> 19784, 28872, 28872, 27263, 35503,~
## $ lq_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count           <dbl> 1.00, 2.81, 2.82, 4.35, 2.25, 4.46~
## $ lq_annual_avg_emplvl                 <dbl> 1.00, 0.43, 0.44, 1.08, 0.17, 1.17~
## $ lq_total_annual_wages                <dbl> 1.00, 0.46, 0.47, 1.18, 0.21, 1.24~
## $ lq_taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 1.07, 1.07, 1.10, 1.25, 1.07~
## $ lq_avg_annual_pay                    <dbl> 1.00, 1.07, 1.07, 1.10, 1.25, 1.07~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg     <dbl> 14, 9, 9, 6, 3, 6, 6, 6, 6, 6, 3, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.0, 180.0, 180.0, 300.0, 100.0, 3~
## $ oty_annual_avg_emplvl_chg           <dbl> 54, 11, 11, 6, 5, 6, 6, 6, 6, 6, 5~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 0.8, 16.4, 16.4, 10.5, 50.0, 10.5,~
## $ oty_total_annual_wages_chg          <dbl> 4982546, 289441, 289441, 48480, 24~
## $ oty_total_annual_wages_pct_chg      <dbl> 3.7, 14.8, 14.8, 2.9, 81.0, 2.9, 2~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 10, -6, -6, -32, 96, -32, -32, -32~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 2.7, -1.1, -1.1, -5.8, 16.4, -5.8,~
## $ oty_avg_annual_pay_chg              <dbl> 559, -276, -276, -1653, 4990, -165~
## $ oty_avg_annual_pay_pct_chg          <dbl> 2.9, -0.9, -0.9, -5.7, 16.4, -5.7,~
## Fips loop: 0.547 sec elapsed
## [1] "'Middle' loop with FIPS = 24033"

## Rows: 864 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 864
## Columns: 43
## $ area_fips                 <dbl> 24033, 24033, 24033, 24033, 24033,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Prince George's County, Maryland"~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 14014, 129, 129, 24, 1, 3, 4, 91, ~
## $ annual_avg_emplvl         <dbl> 277789, 23628, 23628, 4181, 0, 1, ~
## $ total_annual_wages        <dbl> 8262285083, 1016788818, 1016788818~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage      <dbl> 572, 828, 828, 684, 0, 457, 794, 8~
## $ avg_annual_pay            <dbl> 29743, 43034, 43034, 35558, 0, 237~
## $ lq_disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 1.29, 1.30, 0.65, 0.29, 1.27~
## $ lq_annual_avg_emplvl      <dbl> 1.00, 3.32, 3.41, 1.82, 0.00, 0.01~
## $ lq_total_annual_wages     <dbl> 1.00, 3.53, 3.63, 1.73, 0.00, 0.00~
## $ lq_taxable_annual_wages   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.06, 1.06, 0.95, 0.00, 0.61~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.06, 1.06, 0.95, 0.00, 0.61~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, "N", NA, NA, NA, N~
## $ oty_annual_avg_estabs_count_chg    <dbl> 79, 81, 81, 22, 0, 0, 3, 50, 22, 2~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.6, 168.8, 168.8, 1100.0, 0.0, 0.~
## $ oty_annual_avg_emplvl_chg          <dbl> 4627, -1065, -1065, 294, 0, -6, -5~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 1.7, -4.3, -4.3, 7.6, 0.0, -85.7, ~
## $ oty_total_annual_wages_chg         <dbl> 270132714, -37019483, -37019483, -~
## $ oty_total_annual_wages_pct_chg     <dbl> 3.4, -3.5, -3.5, -2.3, 0.0, -90.1,~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 9, 7, 7, -69, 0, -306, 20, 24, -69~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 1.6, 0.9, 0.9, -9.2, 0.0, -40.1, 2~
## $ oty_avg_annual_pay_chg             <dbl> 485, 357, 357, -3588, 0, -15923, 1~
## $ oty_avg_annual_pay_pct_chg         <dbl> 1.7, 0.8, 0.8, -9.2, 0.0, -40.1, 2~
## Fips loop: 2.423 sec elapsed
## [1] "'Middle' loop with FIPS = 24035"

## Rows: 183 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 183
## Columns: 43
## $ area_fips                 <dbl> 24035, 24035, 24035, 24035, 24035,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Queen Anne's County, Maryland", "~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 985, 18, 18, 10, 7, 10, 10, 10, 10~
## $ annual_avg_emplvl         <dbl> 8275, 94, 94, 71, 23, 71, 71, 71, ~
## $ total_annual_wages        <dbl> 162252379, 3024279, 3024279, 21896~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage      <dbl> 377, 620, 620, 592, 700, 592, 592,~
## $ avg_annual_pay            <dbl> 19607, 32230, 32230, 30803, 36378,~
## $ lq_disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 2.57, 2.58, 3.87, 1.87, 3.97~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.44, 0.46, 1.04, 0.22, 1.13~
## $ lq_total_annual_wages             <dbl> 1.00, 0.53, 0.55, 1.30, 0.27, 1.37~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.21, 1.21, 1.25, 1.29, 1.22~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.21, 1.21, 1.25, 1.29, 1.22~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 28, 12, 12, 8, 4, 8, 8, 8, 8, 8, 4~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.9, 200.0, 200.0, 400.0, 133.3, 4~
## $ oty_annual_avg_emplvl_chg         <dbl> 299, 17, 17, 5, 13, 5, 5, 5, 5, 5,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 3.7, 22.1, 22.1, 7.6, 130.0, 7.6, ~
## $ oty_total_annual_wages_chg        <dbl> 5341729, 454644, 454644, 19212, 46~
## $ oty_total_annual_wages_pct_chg    <dbl> 3.4, 17.7, 17.7, 0.9, 129.7, 0.9, ~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> -1, -18, -18, -38, 26, -38, -38, -~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> -0.3, -2.8, -2.8, -6.0, 3.9, -6.0,~
## $ oty_avg_annual_pay_chg            <dbl> -67, -962, -962, -1958, 1327, -195~
## $ oty_avg_annual_pay_pct_chg        <dbl> -0.3, -2.9, -2.9, -6.0, 3.8, -6.0,~
## Fips loop: 0.687 sec elapsed
## [1] "'Middle' loop with FIPS = 24037"

## Rows: 239 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 239
## Columns: 43
## $ area_fips                         <dbl> 24037, 24037, 24037, 24037, 24037,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "St. Mary's County, Maryland", "St~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 1520, 24, 24, 17, 6, 17, 17, 17, 1~
## $ annual_avg_emplvl                 <dbl> 24097, 3647, 3647, 150, 3495, 150,~
## $ total_annual_wages                <dbl> 650744197, 148002133, 148002133, 4~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 519, 780, 780, 639, 786, 639, 639,~
## $ avg_annual_pay                     <dbl> 27006, 40586, 40586, 33244, 40897,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 2.22, 2.23, 4.26, 1.04, 4.37~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 5.91, 6.07, 0.75, 11.28, 0.8~
## $ lq_total_annual_wages              <dbl> 1.00, 6.53, 6.71, 0.74, 11.87, 0.7~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.10, 1.10, 0.98, 1.05, 0.95~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.10, 1.10, 0.98, 1.05, 0.95~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 26, 19, 19, 15, 3, 15, 15, 15, 15,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.7, 380.0, 380.0, 750.0, 100.0, 7~
## $ oty_annual_avg_emplvl_chg          <dbl> 703, 255, 255, 6, 248, 6, 6, 6, 6,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 3.0, 7.5, 7.5, 4.2, 7.6, 4.2, 4.2,~
## $ oty_total_annual_wages_chg         <dbl> 29519781, 5387454, 5387454, 3088, ~
## $ oty_total_annual_wages_pct_chg     <dbl> 4.8, 3.8, 3.8, 0.1, 3.9, 0.1, 0.1,~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 8, -29, -29, -24, -29, -24, -24, -~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 1.6, -3.6, -3.6, -3.6, -3.6, -3.6,~
## $ oty_avg_annual_pay_chg             <dbl> 451, -1465, -1465, -1245, -1490, -~
## $ oty_avg_annual_pay_pct_chg         <dbl> 1.7, -3.5, -3.5, -3.6, -3.5, -3.6,~
## Fips loop: 0.818 sec elapsed
## [1] "'Middle' loop with FIPS = 24039"

## Rows: 91 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 91
## Columns: 43
## $ area_fips                   <dbl> 24039, 24039, 24039, 24039, 24039,~
## $ own_code                    <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code               <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                 <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                        <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                         <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                  <chr> "Somerset County, Maryland", "Some~
## $ own_title                   <chr> "Total Covered", "Federal Governme~
## $ industry_title              <chr> "Total, all industries", "Total, a~
## $ agglvl_title                <chr> "County, Total Covered", "County, ~
## $ size_title                  <chr> "All establishment sizes", "All es~
```

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```
## $ annual_avg_estabs_count            <dbl> 409, 12, 12, 6, 6, 6, 6, 6, 6, 6, ~
## $ annual_avg_emplvl                  <dbl> 5869, 59, 59, 50, 9, 50, 50, 50, 5~
## $ total_annual_wages                 <dbl> 133546885, 1825780, 1825780, 14836~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 438, 596, 596, 568, 759, 568, 568,~
## $ avg_annual_pay                     <dbl> 22755, 30989, 30989, 29526, 39473,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 4.13, 4.14, 5.59, 3.85, 5.74~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.39, 0.40, 1.03, 0.12, 1.12~
## $ lq_total_annual_wages              <dbl> 1.00, 0.39, 0.40, 1.07, 0.14, 1.13~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.00, 1.00, 1.03, 1.20, 1.01~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.00, 1.00, 1.03, 1.21, 1.01~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> -2, 8, 8, 4, 4, 4, 4, 4, 4, 4, 4, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -0.5, 200.0, 200.0, 200.0, 200.0, ~
## $ oty_annual_avg_emplvl_chg          <dbl> 117, 9, 9, 2, 7, 2, 2, 2, 2, 2, 7,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 2.0, 18.0, 18.0, 4.2, 350.0, 4.2, ~
## $ oty_total_annual_wages_chg         <dbl> 9747311, 240089, 240089, -16450, 2~
## $ oty_total_annual_wages_pct_chg     <dbl> 7.9, 15.1, 15.1, -1.1, 299.8, -1.1~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 24, -17, -17, -36, -64, -36, -36, ~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 5.8, -2.8, -2.8, -6.0, -7.8, -6.0,~
## $ oty_avg_annual_pay_chg             <dbl> 1233, -884, -884, -1890, -3308, -1~
## $ oty_avg_annual_pay_pct_chg         <dbl> 5.7, -2.8, -2.8, -6.0, -7.7, -6.0,~
## Fips loop: 0.387 sec elapsed
## [1] "'Middle' loop with FIPS = 24041"

## Rows: 227 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 227
## Columns: 43
## $ area_fips                          <dbl> 24041, 24041, 24041, 24041, 24041,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Talbot County, Maryland", "Talbot~
```

```
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 1455, 17, 17, 11, 1, 5, 11, 11, 11~
## $ annual_avg_emplvl                 <dbl> 15892, 259, 259, 210, 16, 33, 210,~
## $ total_annual_wages                <dbl> 356083790, 8782374, 8782374, 71276~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 431, 653, 653, 653, 757, 599, 653,~
## $ avg_annual_pay                    <dbl> 22407, 33942, 33942, 33968, 39384,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 1.64, 1.65, 2.88, 4.08, 0.90~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.64, 0.65, 1.60, 1.83, 0.16~
## $ lq_total_annual_wages             <dbl> 1.00, 0.71, 0.73, 1.92, 2.44, 0.16~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.11, 1.11, 1.20, 1.34, 0.97~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.11, 1.11, 1.20, 1.34, 0.97~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 23, 11, 11, 9, 0, 2, 9, 9, 9, 9, 9~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.6, 183.3, 183.3, 450.0, 0.0, 66.~
## $ oty_annual_avg_emplvl_chg         <dbl> 97, 20, 20, 16, -2, 5, 16, 16, 16,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 0.6, 8.4, 8.4, 8.2, -11.1, 17.9, 8~
## $ oty_total_annual_wages_chg        <dbl> 11563035, 398067, 398067, 262588, ~
## $ oty_total_annual_wages_pct_chg    <dbl> 3.4, 4.7, 4.7, 3.8, -4.6, 19.3, 3.~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 12, -21, -21, -28, 48, -2, -28, -2~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 2.9, -3.1, -3.1, -4.1, 6.8, -0.3, ~
## $ oty_avg_annual_pay_chg            <dbl> 595, -1102, -1102, -1449, 2523, -1~
## $ oty_avg_annual_pay_pct_chg        <dbl> 2.7, -3.1, -3.1, -4.1, 6.8, -0.3, ~
## Fips loop: 0.759 sec elapsed
## [1] "'Middle' loop with FIPS = 24045"

## Rows: 355 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 355
## Columns: 43
## $ area_fips                         <dbl> 24045, 24045, 24045, 24045, 24045,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                          <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                           <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                    <chr> "Wicomico County, Maryland", "Wico~
## $ own_title                     <chr> "Total Covered", "Federal Governme~
## $ industry_title                <chr> "Total, all industries", "Total, a~
## $ agglvl_title                  <chr> "County, Total Covered", "County, ~
## $ size_title                    <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count       <dbl> 2368, 25, 25, 10, 2, 13, 10, 10, 1~
## $ annual_avg_emplvl             <dbl> 38041, 349, 349, 204, 0, 145, 204,~
## $ total_annual_wages            <dbl> 878067485, 12352982, 12352982, 683~
## $ taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage          <dbl> 444, 681, 681, 645, 0, 733, 645, 6~
## $ avg_annual_pay                <dbl> 23082, 35438, 35438, 33520, 0, 381~
## $ lq_disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count    <dbl> 1.00, 1.48, 1.49, 1.61, 5.02, 1.44~
## $ lq_annual_avg_emplvl          <dbl> 1.00, 0.36, 0.37, 0.65, 0.00, 0.30~
## $ lq_total_annual_wages         <dbl> 1.00, 0.40, 0.41, 0.75, 0.00, 0.34~
## $ lq_taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage       <dbl> 1.00, 1.13, 1.13, 1.15, 0.00, 1.15~
## $ lq_avg_annual_pay             <dbl> 1.00, 1.13, 1.13, 1.15, 0.00, 1.15~
## $ oty_disclosure_code           <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 14, 12, 12, 8, -1, 5, 8, 8, 8, 8, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.6, 92.3, 92.3, 400.0, -33.3, 62.~
## $ oty_annual_avg_emplvl_chg     <dbl> 1469, 28, 28, 9, -2, 21, 9, 9, 9, ~
## $ oty_annual_avg_emplvl_pct_chg <dbl> 4.0, 8.7, 8.7, 4.6, -100.0, 16.9, ~
## $ oty_total_annual_wages_chg    <dbl> 55757616, 813950, 813950, -118368,~
## $ oty_total_annual_wages_pct_chg <dbl> 6.8, 7.1, 7.1, -1.7, -100.0, 22.2,~
## $ oty_taxable_annual_wages_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg  <dbl> 12, -11, -11, -41, -677, 32, -41, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.8, -1.6, -1.6, -6.0, -100.0, 4.6~
## $ oty_avg_annual_pay_chg        <dbl> 597, -547, -547, -2171, -35195, 16~
## $ oty_avg_annual_pay_pct_chg    <dbl> 2.7, -1.5, -1.5, -6.1, -100.0, 4.6~
## Fips loop: 1.106 sec elapsed
## [1] "'Middle' loop with FIPS = 24047"

## Rows: 269 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 269
## Columns: 43
## $ area_fips                     <dbl> 24047, 24047, 24047, 24047, 24047,~
```

```
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Worcester County, Maryland", "Wor~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 2063, 20, 20, 9, 3, 1, 7, 9, 9, 9,~
## $ annual_avg_emplvl                 <dbl> 21117, 216, 216, 112, 3, 53, 48, 1~
## $ total_annual_wages                <dbl> 375218061, 6830634, 6830634, 36065~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 342, 608, 608, 617, 548, 552, 651,~
## $ avg_annual_pay                    <dbl> 17768, 31599, 31599, 32106, 28483,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 1.36, 1.37, 1.66, 8.64, 3.43~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.40, 0.41, 0.64, 0.26, 4.88~
## $ lq_total_annual_wages             <dbl> 1.00, 0.52, 0.54, 0.92, 0.32, 11.1~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.31, 1.31, 1.43, 1.22, 2.28~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.31, 1.31, 1.44, 1.22, 2.28~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 41, 14, 14, 7, 2, 0, 5, 7, 7, 7, 7~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.0, 233.3, 233.3, 350.0, 200.0, 0~
## $ oty_annual_avg_emplvl_chg         <dbl> 343, 12, 12, 6, 3, -3, 8, 6, 6, 6,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 1.7, 5.9, 5.9, 5.7, 100.0, -5.4, 2~
## $ oty_total_annual_wages_chg        <dbl> 14874120, 304917, 304917, 3964, 83~
## $ oty_total_annual_wages_pct_chg    <dbl> 4.1, 4.7, 4.7, 0.1, 2078.1, -5.2, ~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 8, -9, -9, -34, 315, 6, 24, -34, -~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 2.4, -1.5, -1.5, -5.2, 135.2, 1.1,~
## $ oty_avg_annual_pay_chg            <dbl> 422, -468, -468, -1748, 16387, 264~
## $ oty_avg_annual_pay_pct_chg        <dbl> 2.4, -1.5, -1.5, -5.2, 135.5, 0.9,~
## Fips loop: 0.853 sec elapsed
## [1] "'Middle' loop with FIPS = 24510"

## Rows: 979 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 979
## Columns: 43
## $ area_fips                       <dbl> 24510, 24510, 24510, 24510, 24510,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Baltimore City, Maryland", "Balti~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 15394, 57, 57, 9, 3, 2, 1, 41, 9, ~
## $ annual_avg_emplvl               <dbl> 384330, 14571, 14571, 5732, 7, 185~
## $ total_annual_wages              <dbl> 11804763250, 556295261, 556295261,~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 591, 734, 734, 760, 924, 805, 681,~
## $ avg_annual_pay                  <dbl> 30715, 38179, 38179, 39504, 48036,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 0.52, 0.52, 0.22, 1.16, 1.99~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 1.48, 1.52, 1.80, 0.03, 2.09~
## $ lq_total_annual_wages           <dbl> 1.00, 1.35, 1.39, 1.84, 0.04, 2.01~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 0.91, 0.91, 1.02, 1.19, 0.96~
## $ lq_avg_annual_pay               <dbl> 1.00, 0.91, 0.91, 1.02, 1.19, 0.96~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, "N", NA, N~
## $ oty_annual_avg_estabs_count_chg <dbl> -594, 12, 12, 6, 1, 0, 0, 5, 6, 6,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -3.7, 26.7, 26.7, 200.0, 50.0, 0.0~
## $ oty_annual_avg_emplvl_chg       <dbl> -3495, -50, -50, 230, -4, -43, 0, ~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> -0.9, -0.3, -0.3, 4.2, -36.4, -2.3~
## $ oty_total_annual_wages_chg      <dbl> 161159647, -6662518, -6662518, -65~
## $ oty_total_annual_wages_pct_chg  <dbl> 1.4, -1.2, -1.2, -2.8, -31.7, -3.5~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 14, -6, -6, -54, 33, -10, 0, 29, -~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.4, -0.8, -0.8, -6.6, 3.7, -1.2, ~
## $ oty_avg_annual_pay_chg          <dbl> 692, -325, -325, -2836, 1688, -511~
## $ oty_avg_annual_pay_pct_chg      <dbl> 2.3, -0.8, -0.8, -6.7, 3.6, -1.2, ~
## Fips loop: 2.754 sec elapsed
## [1] "'Middle' loop with FIPS = 25001"

## Rows: 655 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 655
## Columns: 43
## $ area_fips                      <dbl> 25001, 25001, 25001, 25001, 25001,~
## $ own_code                       <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                  <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                    <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Barnstable County, Massachusetts"~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 7311, 87, 87, 58, 5, 1, 2, 20, 56,~
## $ annual_avg_emplvl              <dbl> 75561, 1863, 1863, 737, 241, 1, 12~
## $ total_annual_wages             <dbl> 1747500690, 61718215, 61718215, 25~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 445, 637, 637, 664, 799, 467, 211,~
## $ avg_annual_pay                 <dbl> 23127, 33128, 33128, 34534, 41523,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 1.67, 1.68, 3.02, 4.06, 2.10~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 0.96, 0.99, 1.18, 5.79, 0.01~
## $ lq_total_annual_wages          <dbl> 1.00, 1.01, 1.04, 1.40, 7.92, 0.00~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 1.05, 1.05, 1.19, 1.37, 0.74~
## $ lq_avg_annual_pay              <dbl> 1.00, 1.05, 1.05, 1.19, 1.37, 0.74~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 277, 9, 9, 0, 1, 0, 0, 8, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.9, 11.5, 11.5, 0.0, 25.0, 0.0, 0~
## $ oty_annual_avg_emplvl_chg      <dbl> 3428, 250, 250, -104, -28, 0, 0, 3~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> 4.8, 15.5, 15.5, -12.4, -10.4, 0.0~
## $ oty_total_annual_wages_chg     <dbl> 135012834, 10035053, 10035053, -27~
## $ oty_total_annual_wages_pct_chg <dbl> 8.4, 19.4, 19.4, -9.8, -6.8, -17.0~
## $ oty_taxable_annual_wages_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg   <dbl> 15, 21, 21, 19, 33, -95, 15, 44, 3~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.5, 3.4, 3.4, 2.9, 4.3, -16.9, 7.~
## $ oty_avg_annual_pay_chg         <dbl> 773, 1093, 1093, 1015, 1679, -4954~
## $ oty_avg_annual_pay_pct_chg     <dbl> 3.5, 3.4, 3.4, 3.0, 4.2, -17.0, 7.~
## Fips loop: 1.893 sec elapsed
## [1] "'Middle' loop with FIPS = 25005"
```

```
## Rows: 892 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 892
## Columns: 43
## $ area_fips                      <dbl> 25005, 25005, 25005, 25005, 25005,~
## $ own_code                       <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                  <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                    <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Bristol County, Massachusetts", "~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 12063, 47, 47, 26, 4, 1, 15, 26, 1~
## $ annual_avg_emplvl              <dbl> 201689, 1250, 1250, 974, 71, 13, 1~
## $ total_annual_wages             <dbl> 5056892391, 50185563, 50185563, 37~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 482, 772, 772, 745, 1003, 558, 846~
## $ avg_annual_pay                 <dbl> 25073, 40156, 40156, 38726, 52135,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 0.55, 0.55, 0.82, 1.97, 1.27~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 0.24, 0.25, 0.58, 0.64, 0.03~
## $ lq_total_annual_wages          <dbl> 1.00, 0.28, 0.29, 0.72, 1.02, 0.02~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 1.18, 1.18, 1.23, 1.59, 0.82~
## $ lq_avg_annual_pay              <dbl> 1.00, 1.18, 1.18, 1.23, 1.59, 0.82~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 229, 3, 3, 0, 1, 0, 2, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.9, 6.8, 6.8, 0.0, 33.3, 0.0, 15.~
## $ oty_annual_avg_emplvl_chg      <dbl> 5753, 72, 72, 10, 42, 3, 18, 10, -~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> 2.9, 6.1, 6.1, 1.0, 144.8, 30.0, 1~
## $ oty_total_annual_wages_chg     <dbl> 319981234, 4530244, 4530244, 31104~
## $ oty_total_annual_wages_pct_chg <dbl> 6.8, 9.9, 9.9, 0.1, 217.2, 62.5, 2~
## $ oty_taxable_annual_wages_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg   <dbl> 17, 27, 27, -6, 221, 115, 116, -6,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.7, 3.6, 3.6, -0.8, 28.3, 26.0, 1~
```

```
## $ oty_avg_annual_pay_chg              <dbl> 897, 1405, 1405, -336, 11471, 5997~
## $ oty_avg_annual_pay_pct_chg          <dbl> 3.7, 3.6, 3.6, -0.9, 28.2, 26.1, 1~
## Fips loop: 2.691 sec elapsed
## [1] "'Middle' loop with FIPS = 25007"

## Rows: 96 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

## 
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 96
## Columns: 43
## $ area_fips                           <dbl> 25007, 25007, 25007, 25007, 25007,~
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 3, 3, 3~
## $ industry_code                       <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                          <chr> "Dukes County, Massachusetts", "Du~
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 862, 6, 6, 5, 5, 5, 5, 5, 5, 63, 5~
## $ annual_avg_emplvl                   <dbl> 5951, 42, 42, 42, 42, 42, 42, 42, ~
## $ total_annual_wages                  <dbl> 131185374, 1494684, 1494684, 14942~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 424, 691, 691, 692, 692, 692, 692,~
## $ avg_annual_pay                      <dbl> 22043, 35944, 35944, 36006, 36006,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 0.98, 0.98, 2.21, 2.27, 2.31~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 0.28, 0.28, 0.85, 0.93, 0.96~
## $ lq_total_annual_wages               <dbl> 1.00, 0.33, 0.34, 1.09, 1.16, 1.23~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 1.20, 1.20, 1.30, 1.27, 1.29~
## $ lq_avg_annual_pay                   <dbl> 1.00, 1.20, 1.20, 1.30, 1.27, 1.29~
## $ oty_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 54, 1, 1, 0, 0, 0, 0, 0, 0, 5, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 6.7, 20.0, 20.0, 0.0, 0.0, 0.0, 0.~
## $ oty_annual_avg_emplvl_chg           <dbl> 558, 1, 1, 1, 1, 1, 1, 1, 1, 65, -~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 10.3, 2.4, 2.4, 2.4, 2.4, 2.4, 2.4~
## $ oty_total_annual_wages_chg          <dbl> 15106831, -1367, -1367, -1814, -18~
## $ oty_total_annual_wages_pct_chg      <dbl> 13.0, -0.1, -0.1, -0.1, -0.1, -0.1~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 10, -5, -5, -4, -4, -4, -4, -4, -4~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 2.4, -0.7, -0.7, -0.6, -0.6, -0.6,~
## $ oty_avg_annual_pay_chg                <dbl> 517, -251, -251, -189, -189, -189,~
## $ oty_avg_annual_pay_pct_chg            <dbl> 2.4, -0.7, -0.7, -0.5, -0.5, -0.5,~
## Fips loop: 0.473 sec elapsed
## [1] "'Middle' loop with FIPS = 25009"

## Rows: 1081 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,081
## Columns: 43
## $ area_fips                     <dbl> 25009, 25009, 25009, 25009, 25009,~
## $ own_code                      <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                 <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                   <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                          <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                           <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                    <chr> "Essex County, Massachusetts", "Es~
## $ own_title                     <chr> "Total Covered", "Federal Governme~
## $ industry_title                <chr> "Total, all industries", "Total, a~
## $ agglvl_title                  <chr> "County, Total Covered", "County, ~
## $ size_title                    <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count       <dbl> 16909, 56, 56, 34, 2, 2, 18, 34, 2~
## $ annual_avg_emplvl             <dbl> 273878, 4806, 4806, 1642, 154, 50,~
## $ total_annual_wages            <dbl> 8160731353, 161186494, 161186494, ~
## $ taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage          <dbl> 573, 645, 645, 755, 802, 211, 583,~
## $ avg_annual_pay                <dbl> 29797, 33539, 33539, 39251, 41682,~
## $ lq_disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count    <dbl> 1.00, 0.47, 0.47, 0.77, 0.70, 0.84~
## $ lq_annual_avg_emplvl          <dbl> 1.00, 0.69, 0.70, 0.73, 1.02, 0.36~
## $ lq_total_annual_wages         <dbl> 1.00, 0.57, 0.58, 0.76, 1.09, 0.18~
## $ lq_taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage       <dbl> 1.00, 0.83, 0.83, 1.05, 1.07, 0.52~
## $ lq_avg_annual_pay             <dbl> 1.00, 0.83, 0.83, 1.05, 1.07, 0.52~
## $ oty_disclosure_code           <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 518, 5, 5, 0, 0, 0, 6, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.2, 9.8, 9.8, 0.0, 0.0, 0.0, 50.0~
## $ oty_annual_avg_emplvl_chg           <dbl> 9682, -289, -289, -6, -17, 1, -267~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 3.7, -5.7, -5.7, -0.4, -9.9, 2.0, ~
```

```
## $ oty_total_annual_wages_chg         <dbl> 660444363, 7174959, 7174959, 14830~
## $ oty_total_annual_wages_pct_chg     <dbl> 8.8, 4.7, 4.7, 0.0, 2.6, 5.4, 8.4,~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 27, 64, 64, 3, 97, 7, 90, 3, 21, 2~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 4.9, 11.0, 11.0, 0.4, 13.8, 3.4, 1~
## $ oty_avg_annual_pay_chg             <dbl> 1408, 3312, 3312, 156, 5033, 364, ~
## $ oty_avg_annual_pay_pct_chg         <dbl> 5.0, 11.0, 11.0, 0.4, 13.7, 3.4, 1~
## Fips loop: 3.869 sec elapsed
## [1] "'Middle' loop with FIPS = 25017"

## Rows: 1422 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,422
## Columns: 43
## $ area_fips                  <dbl> 25017, 25017, 25017, 25017, 25017,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Middlesex County, Massachusetts",~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count    <dbl> 40338, 160, 160, 67, 3, 13, 5, 10,~
## $ annual_avg_emplvl          <dbl> 734223, 14551, 14551, 6224, 155, 2~
## $ total_annual_wages         <dbl> 26296526838, 565602273, 565602273,~
## $ taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage       <dbl> 689, 748, 748, 787, 556, 901, 844,~
## $ avg_annual_pay             <dbl> 35815, 38871, 38871, 40917, 28933,~
## $ lq_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 0.56, 0.56, 0.63, 0.30, 1.92~
## $ lq_annual_avg_emplvl       <dbl> 1.00, 0.77, 0.80, 1.03, 0.89, 5.39~
## $ lq_total_annual_wages      <dbl> 1.00, 0.62, 0.63, 0.93, 0.42, 5.39~
## $ lq_taxable_annual_wages    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage    <dbl> 1.00, 0.80, 0.80, 0.91, 0.47, 1.00~
## $ lq_avg_annual_pay          <dbl> 1.00, 0.80, 0.80, 0.91, 0.47, 1.00~
## $ oty_disclosure_code        <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg      <dbl> 1210, 24, 24, 2, -1, 3, 1, 1, 18, ~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 3.1, 17.6, 17.6, 3.1, -25.0, 30.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> 20232, -514, -514, -83, 28, -270, ~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 2.8, -3.4, -3.4, -1.3, 22.0, -11.0~
## $ oty_total_annual_wages_chg           <dbl> 1744112084, -2825478, -2825478, 14~
## $ oty_total_annual_wages_pct_chg       <dbl> 7.1, -0.5, -0.5, 0.6, 14.0, -3.6, ~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 28, 22, 22, 15, -41, 69, 42, -20, ~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 4.2, 3.0, 3.0, 1.9, -6.9, 8.3, 5.2~
## $ oty_avg_annual_pay_chg               <dbl> 1427, 1139, 1139, 774, -2117, 3630~
## $ oty_avg_annual_pay_pct_chg           <dbl> 4.1, 3.0, 3.0, 1.9, -6.8, 8.4, 5.3~
## Fips loop: 2.852 sec elapsed
## [1] "'Middle' loop with FIPS = 25019"

## Rows: 92 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 92
## Columns: 43
## $ area_fips                 <dbl> 25019, 25019, 25019, 25019, 25019,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Nantucket County, Massachusetts",~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 639, 2, 2, 2, 2, 1, 1, 1, 1, 1, 1,~
## $ annual_avg_emplvl         <dbl> 4579, 47, 47, 47, 47, 13, 13, 13, ~
## $ total_annual_wages        <dbl> 116685680, 1878758, 1878758, 18787~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage      <dbl> 490, 771, 771, 771, 771, 924, 924,~
## $ avg_annual_pay            <dbl> 25482, 40116, 40116, 40116, 40116,~
## $ lq_disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 0.44, 0.44, 1.19, 1.22, 34.7~
## $ lq_annual_avg_emplvl      <dbl> 1.00, 0.40, 0.41, 1.24, 1.35, 12.1~
## $ lq_total_annual_wages     <dbl> 1.00, 0.46, 0.47, 1.55, 1.64, 10.4~
## $ lq_taxable_annual_wages   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 1.16, 1.16, 1.25, 1.22, 0.90~
## $ lq_avg_annual_pay                    <dbl> 1.00, 1.16, 1.16, 1.25, 1.22, 0.90~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 42, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 7.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> 196, 1, 1, 1, 1, 0, 0, 0, 0, 2, 2,~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 4.5, 2.2, 2.2, 2.2, 2.2, 0.0, 0.0,~
## $ oty_total_annual_wages_chg           <dbl> 8998897, 42244, 42244, 42244, 4224~
## $ oty_total_annual_wages_pct_chg       <dbl> 8.4, 2.3, 2.3, 2.3, 2.3, 0.1, 0.1,~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 18, -2, -2, -2, -2, 59, 59, 59, 59~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 3.8, -0.3, -0.3, -0.3, -0.3, 6.8, ~
## $ oty_avg_annual_pay_chg               <dbl> 915, -100, -100, -100, -100, 3035,~
## $ oty_avg_annual_pay_pct_chg           <dbl> 3.7, -0.2, -0.2, -0.2, -0.2, 6.7, ~
## Fips loop: 0.434 sec elapsed
## [1] "'Middle' loop with FIPS = 25021"

## Rows: 1064 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,064
## Columns: 43
## $ area_fips                 <dbl> 25021, 25021, 25021, 25021, 25021,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Norfolk County, Massachusetts", "~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 18242, 58, 58, 26, 3, 6, 2, 20, 26~
## $ annual_avg_emplvl         <dbl> 288660, 2207, 2207, 967, 755, 16, ~
## $ total_annual_wages        <dbl> 9329050453, 93223713, 93223713, 37~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage      <dbl> 622, 812, 812, 754, 980, 901, 260,~
## $ avg_annual_pay            <dbl> 32319, 42245, 42245, 39184, 50944,~
## $ lq_disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

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## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.45, 0.45, 0.54, 0.67, 1.95~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.30, 0.31, 0.41, 11.08, 0.1~
## $ lq_total_annual_wages             <dbl> 1.00, 0.29, 0.29, 0.39, 10.17, 0.1~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 0.96, 0.96, 0.96, 0.92, 1.11~
## $ lq_avg_annual_pay                 <dbl> 1.00, 0.96, 0.96, 0.96, 0.92, 1.11~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 519, 14, 14, 0, -1, 2, 0, 12, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.9, 31.8, 31.8, 0.0, -25.0, 50.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> 4131, -60, -60, 4, -20, 3, 0, -51,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 1.5, -2.6, -2.6, 0.4, -2.6, 23.1, ~
## $ oty_total_annual_wages_chg        <dbl> 433156323, 1619593, 1619593, -6721~
## $ oty_total_annual_wages_pct_chg    <dbl> 4.9, 1.8, 1.8, -1.7, 7.7, 42.6, 3.~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 21, 35, 35, -17, 93, 144, 9, 62, -~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.5, 4.5, 4.5, -2.2, 10.5, 19.0, 3~
## $ oty_avg_annual_pay_chg            <dbl> 1054, 1833, 1833, -895, 4825, 7484~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.4, 4.5, 4.5, -2.2, 10.5, 19.0, 3~
## Fips loop: 2.85 sec elapsed
## [1] "'Middle' loop with FIPS = 25023"

## Rows: 867 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 867
## Columns: 43
## $ area_fips                 <dbl> 25023, 25023, 25023, 25023, 25023,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Plymouth County, Massachusetts", ~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 10469, 80, 80, 58, 1, 1, 1, 19, 58~
## $ annual_avg_emplvl         <dbl> 148728, 4514, 4514, 2812, 3, 3, 14~
## $ total_annual_wages        <dbl> 4007410253, 166702142, 166702142, ~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 518, 710, 710, 612, 673, 668, 874,~
## $ avg_annual_pay                 <dbl> 26945, 36928, 36928, 31831, 35015,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 1.07, 1.08, 2.11, 0.39, 0.57~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 1.19, 1.22, 2.29, 0.09, 0.04~
## $ lq_total_annual_wages          <dbl> 1.00, 1.19, 1.23, 2.15, 0.07, 0.04~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 1.01, 1.01, 0.94, 0.76, 0.98~
## $ lq_avg_annual_pay              <dbl> 1.00, 1.01, 1.01, 0.94, 0.76, 0.98~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, NA, "N", NA, NA, N~
## $ oty_annual_avg_estabs_count_chg <dbl> 334, 11, 11, 0, 0, 0, 0, 10, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.3, 15.9, 15.9, 0.0, 0.0, 0.0, 0.~
## $ oty_annual_avg_emplvl_chg      <dbl> 5385, 8, 8, 43, -2, 0, -41, 7, 43,~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> 3.8, 0.2, 0.2, 1.6, -40.0, 0.0, -2~
## $ oty_total_annual_wages_chg     <dbl> 242587173, -3484438, -3484438, -96~
## $ oty_total_annual_wages_pct_chg <dbl> 6.4, -2.0, -2.0, -1.1, -13.8, 0.0,~
## $ oty_taxable_annual_wages_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg   <dbl> 13, -16, -16, -16, 192, 0, -16, 30~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.6, -2.2, -2.2, -2.5, 39.9, 0.0, ~
## $ oty_avg_annual_pay_chg         <dbl> 681, -839, -839, -838, 10011, 0, -~
## $ oty_avg_annual_pay_pct_chg     <dbl> 2.6, -2.2, -2.2, -2.6, 40.0, 0.0, ~
## Fips loop: 2.483 sec elapsed
## [1] "'Middle' loop with FIPS = 25025"

## Rows: 1088 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,088
## Columns: 43
## $ area_fips          <dbl> 25025, 25025, 25025, 25025, 25025,~
## $ own_code           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code      <chr> "10", "10", "102", "1021", "1022",~
## $ agglvl_code        <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title         <chr> "Suffolk County, Massachusetts", "~
## $ own_title          <chr> "Total Covered", "Federal Governme~
## $ industry_title     <chr> "Total, all industries", "Total, a~
## $ agglvl_title       <chr> "County, Total Covered", "County, ~
## $ size_title         <chr> "All establishment sizes", "All es~
```

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```
## $ annual_avg_estabs_count              <dbl> 19343, 103, 103, 12, 1, 1, 3, 3, 2~
## $ annual_avg_emplvl                    <dbl> 549397, 18312, 18312, 7697, 51, 10~
## $ total_annual_wages                   <dbl> 22041963261, 793665919, 793665919,~
## $ taxable_annual_wages                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                 <dbl> 772, 833, 833, 774, 673, 1246, 851~
## $ avg_annual_pay                       <dbl> 40120, 43341, 43341, 40231, 35001,~
## $ lq_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count           <dbl> 1.00, 0.75, 0.75, 0.24, 5.12, 0.21~
## $ lq_annual_avg_emplvl                 <dbl> 1.00, 1.30, 1.34, 1.69, 0.91, 0.79~
## $ lq_total_annual_wages                <dbl> 1.00, 1.03, 1.06, 1.35, 0.48, 0.75~
## $ lq_taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 0.79, 0.79, 0.80, 0.52, 0.94~
## $ lq_avg_annual_pay                    <dbl> 1.00, 0.79, 0.79, 0.80, 0.53, 0.94~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 502, 8, 8, 1, 0, 0, 1, -1, 0, 6, 0~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 2.7, 8.4, 8.4, 9.1, 0.0, 0.0, 50.0~
## $ oty_annual_avg_emplvl_chg            <dbl> 8936, -299, -299, -119, -6, 20, -7~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 1.7, -1.6, -1.6, -1.5, -10.5, 24.1~
## $ oty_total_annual_wages_chg           <dbl> 1618558318, -3071039, -3071039, -7~
## $ oty_total_annual_wages_pct_chg       <dbl> 7.9, -0.4, -0.4, -2.2, -2.0, 27.1,~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 45, 10, 10, -5, 53, 27, 106, 15, 2~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 6.2, 1.2, 1.2, -0.6, 8.5, 2.2, 14.~
## $ oty_avg_annual_pay_chg               <dbl> 2331, 530, 530, -286, 2747, 1398, ~
## $ oty_avg_annual_pay_pct_chg           <dbl> 6.2, 1.2, 1.2, -0.7, 8.5, 2.2, 14.~
## Fips loop: 2.942 sec elapsed
## [1] "'Middle' loop with FIPS = 26001"

## Rows: 56 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 56
## Columns: 43
## $ area_fips            <dbl> 26001, 26001, 26001, 26001, 26001,~
## $ own_code             <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code        <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code          <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                 <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                  <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code      <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title           <chr> "Alcona County, Michigan", "Alcona~
```

```
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 238, 11, 11, 6, 5, 6, 6, 6, 6, 6, ~
## $ annual_avg_emplvl                  <dbl> 1576, 48, 48, 34, 13, 34, 34, 34, ~
## $ total_annual_wages                 <dbl> 29356293, 1236698, 1236698, 866589~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 358, 495, 495, 485, 521, 485, 485,~
## $ avg_annual_pay                     <dbl> 18624, 25720, 25720, 25240, 27068,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 6.50, 6.53, 9.61, 5.51, 9.86~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 1.19, 1.22, 2.61, 0.64, 2.83~
## $ lq_total_annual_wages              <dbl> 1.00, 1.21, 1.24, 2.84, 0.63, 3.00~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.02, 1.02, 1.08, 1.01, 1.05~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.01, 1.02, 1.08, 1.01, 1.05~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 13, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.8, 10.0, 10.0, 0.0, 25.0, 0.0, 0~
## $ oty_annual_avg_emplvl_chg          <dbl> 147, -10, -10, 0, -11, 0, 0, 0, 0,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 10.3, -17.2, -17.2, 0.0, -45.8, 0.~
## $ oty_total_annual_wages_chg         <dbl> 3122235, -340850, -340850, 11273, ~
## $ oty_total_annual_wages_pct_chg     <dbl> 11.9, -21.6, -21.6, 1.3, -52.8, 1.~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 5, -29, -29, 7, -70, 7, 7, 7, 7, 7~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 1.4, -5.5, -5.5, 1.5, -11.8, 1.5, ~
## $ oty_avg_annual_pay_chg             <dbl> 261, -1518, -1518, 388, -3665, 388~
## $ oty_avg_annual_pay_pct_chg         <dbl> 1.4, -5.6, -5.6, 1.6, -11.9, 1.6, ~
## Fips loop: 0.305 sec elapsed
## [1] "'Middle' loop with FIPS = 26003"

## Rows: 81 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 81
## Columns: 43
## $ area_fips                          <dbl> 26003, 26003, 26003, 26003, 26003,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Alger County, Michigan", "Alger C~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 273, 9, 9, 3, 2, 4, 3, 3, 3, 3, 3,~
## $ annual_avg_emplvl                <dbl> 2948, 93, 93, 29, 30, 34, 29, 29, ~
## $ total_annual_wages               <dbl> 69016540, 2753063, 2753063, 790048~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 450, 570, 570, 525, 654, 534, 525,~
## $ avg_annual_pay                   <dbl> 23409, 29629, 29629, 27322, 33988,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 4.64, 4.66, 4.19, 51.82, 3.8~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 1.23, 1.27, 1.19, 19.79, 0.9~
## $ lq_total_annual_wages            <dbl> 1.00, 1.14, 1.18, 1.10, 40.59, 0.7~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.93, 0.93, 0.93, 2.05, 0.82~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.93, 0.93, 0.93, 2.05, 0.82~
## $ oty_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 13, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_emplvl_chg        <dbl> 133, 3, 3, 1, 0, 2, 1, 1, 1, 1, 1,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 4.7, 3.3, 3.3, 3.6, 0.0, 6.2, 3.6,~
## $ oty_total_annual_wages_chg       <dbl> 2623971, 157529, 157529, 12039, 12~
## $ oty_total_annual_wages_pct_chg   <dbl> 4.0, 6.1, 6.1, 1.5, 13.9, 2.3, 1.5~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> -4, 14, 14, -9, 79, -23, -9, -9, -~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> -0.9, 2.5, 2.5, -1.7, 13.7, -4.1, ~
## $ oty_avg_annual_pay_chg           <dbl> -178, 709, 709, -464, 4074, -1236,~
## $ oty_avg_annual_pay_pct_chg       <dbl> -0.8, 2.5, 2.5, -1.7, 13.6, -4.3, ~
## Fips loop: 0.369 sec elapsed
## [1] "'Middle' loop with FIPS = 26005"

## Rows: 280 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 280
## Columns: 43
## $ area_fips                        <dbl> 26005, 26005, 26005, 26005, 26005,~
```

```
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Allegan County, Michigan", "Alleg~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 1723, 31, 31, 18, 12, 18, 18, 18, ~
## $ annual_avg_emplvl                <dbl> 33959, 192, 192, 154, 39, 154, 154~
## $ total_annual_wages               <dbl> 871924180, 6350670, 6350670, 49578~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 494, 635, 635, 619, 696, 619, 619,~
## $ avg_annual_pay                   <dbl> 25676, 33005, 33005, 32212, 36176,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 2.53, 2.54, 3.98, 1.83, 4.08~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.22, 0.23, 0.55, 0.09, 0.59~
## $ lq_total_annual_wages            <dbl> 1.00, 0.21, 0.21, 0.55, 0.09, 0.58~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.94, 0.94, 1.00, 0.98, 0.97~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.94, 0.94, 1.00, 0.98, 0.97~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 107, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 6.6, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 2000, 0, 0, 3, -3, 3, 3, 3, 3, 3, ~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 6.3, 0.0, 0.0, 2.0, -7.1, 2.0, 2.0~
## $ oty_total_annual_wages_chg       <dbl> 58189744, 171462, 171462, 202875, ~
## $ oty_total_annual_wages_pct_chg   <dbl> 7.2, 2.8, 2.8, 4.3, -2.2, 4.3, 4.3~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 4, 16, 16, 12, 36, 12, 12, 12, 12,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 0.8, 2.6, 2.6, 2.0, 5.5, 2.0, 2.0,~
## $ oty_avg_annual_pay_chg           <dbl> 214, 836, 836, 635, 1858, 635, 635~
## $ oty_avg_annual_pay_pct_chg       <dbl> 0.8, 2.6, 2.6, 2.0, 5.4, 2.0, 2.0,~
## Fips loop: 0.896 sec elapsed
## [1] "'Middle' loop with FIPS = 26007"

## Rows: 158 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 158
## Columns: 43
## $ area_fips                         <dbl> 26007, 26007, 26007, 26007, 26007,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Alpena County, Michigan", "Alpena~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 882, 16, 16, 6, 8, 6, 6, 6, 6, 6, ~
## $ annual_avg_emplvl                 <dbl> 12475, 112, 112, 74, 25, 74, 74, 7~
## $ total_annual_wages                <dbl> 293658010, 3641503, 3641503, 24585~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 453, 625, 625, 635, 637, 635, 635,~
## $ avg_annual_pay                    <dbl> 23539, 32513, 32513, 33037, 33100,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 2.55, 2.56, 2.59, 2.38, 2.66~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.35, 0.36, 0.72, 0.16, 0.78~
## $ lq_total_annual_wages             <dbl> 1.00, 0.36, 0.37, 0.80, 0.15, 0.85~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.01, 1.01, 1.11, 0.98, 1.09~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.01, 1.02, 1.12, 0.98, 1.09~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 26, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_emplvl_chg         <dbl> 454, 4, 4, 2, 1, 2, 2, 2, 2, 2, 1,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 3.8, 3.7, 3.7, 2.8, 4.2, 2.8, 2.8,~
## $ oty_total_annual_wages_chg        <dbl> 25332196, 52696, 52696, 67253, 412~
## $ oty_total_annual_wages_pct_chg    <dbl> 9.4, 1.5, 1.5, 2.8, 0.5, 2.8, 2.8,~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 24, -14, -14, -4, -21, -4, -4, -4,~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 5.6, -2.2, -2.2, -0.6, -3.2, -0.6,~
## $ oty_avg_annual_pay_chg            <dbl> 1218, -717, -717, -213, -1092, -21~
## $ oty_avg_annual_pay_pct_chg        <dbl> 5.5, -2.2, -2.2, -0.6, -3.2, -0.6,~
## Fips loop: 0.593 sec elapsed
## [1] "'Middle' loop with FIPS = 26009"

## Rows: 100 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 100
## Columns: 43
## $ area_fips                          <dbl> 26009, 26009, 26009, 26009, 26009,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Antrim County, Michigan", "Antrim~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 545, 18, 18, 9, 7, 9, 9, 9, 9, 9, ~
## $ annual_avg_emplvl                  <dbl> 4838, 62, 62, 47, 6, 47, 47, 47, 4~
## $ total_annual_wages                 <dbl> 92080830, 1705779, 1705779, 124966~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 366, 531, 531, 510, 579, 510, 510,~
## $ avg_annual_pay                     <dbl> 19034, 27624, 27624, 26495, 30131,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 4.64, 4.66, 6.30, 3.37, 6.46~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.50, 0.51, 1.17, 0.10, 1.27~
## $ lq_total_annual_wages              <dbl> 1.00, 0.53, 0.55, 1.30, 0.10, 1.38~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.07, 1.07, 1.11, 1.10, 1.08~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.07, 1.07, 1.11, 1.10, 1.08~
## $ oty_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 26, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg          <dbl> 209, -3, -3, 2, 0, 2, 2, 2, 2, 2, ~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 4.5, -4.6, -4.6, 4.4, 0.0, 4.4, 4.~
## $ oty_total_annual_wages_chg         <dbl> 5753907, -199544, -199544, 709, -1~
## $ oty_total_annual_wages_pct_chg     <dbl> 6.7, -10.5, -10.5, 0.1, -6.6, 0.1,~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 7, -36, -36, -20, -14, -20, -20, -~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 1.9, -6.3, -6.3, -3.8, -2.4, -3.8,~
## $ oty_avg_annual_pay_chg             <dbl> 387, -1840, -1840, -1055, -727, -1~
## $ oty_avg_annual_pay_pct_chg         <dbl> 2.1, -6.2, -6.2, -3.8, -2.4, -3.8,~
## Fips loop: 0.44 sec elapsed
## [1] "'Middle' loop with FIPS = 26011"
```

```
## Rows: 88 Columns: 43

## -- Column specification -------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 88
## Columns: 43
## $ area_fips                       <dbl> 26011, 26011, 26011, 26011, 26011,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Arenac County, Michigan", "Arenac~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 373, 9, 9, 5, 3, 5, 5, 5, 5, 5, 3,~
## $ annual_avg_emplvl               <dbl> 4422, 54, 54, 42, 7, 42, 42, 42, 4~
## $ total_annual_wages              <dbl> 83075897, 1514501, 1514501, 119538~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 361, 539, 539, 551, 507, 551, 551,~
## $ avg_annual_pay                  <dbl> 18787, 28046, 28046, 28632, 26380,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 3.39, 3.41, 5.11, 2.11, 5.24~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.48, 0.49, 1.15, 0.12, 1.25~
## $ lq_total_annual_wages           <dbl> 1.00, 0.52, 0.54, 1.38, 0.12, 1.46~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.10, 1.10, 1.21, 0.98, 1.18~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.10, 1.10, 1.21, 0.98, 1.18~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.8, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg       <dbl> 280, -1, -1, 0, 1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 6.8, -1.8, -1.8, 0.0, 16.7, 0.0, 0~
## $ oty_total_annual_wages_chg      <dbl> 6533794, 72863, 72863, 72852, 1221~
## $ oty_total_annual_wages_pct_chg  <dbl> 8.5, 5.1, 5.1, 6.5, 7.4, 6.5, 6.5,~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 6, 35, 35, 36, 3, 36, 36, 36, 36, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 1.7, 6.9, 6.9, 7.0, 0.6, 7.0, 7.0,~
```

```
## $ oty_avg_annual_pay_chg                 <dbl> 308, 1834, 1834, 1852, 194, 1852, ~
## $ oty_avg_annual_pay_pct_chg             <dbl> 1.7, 7.0, 7.0, 6.9, 0.7, 6.9, 6.9,~
## Fips loop: 0.368 sec elapsed
## [1] "'Middle' loop with FIPS = 26013"

## Rows: 57 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 57
## Columns: 43
## $ area_fips                        <dbl> 26013, 26013, 26013, 26013, 26013,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Baraga County, Michigan", "Baraga~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 232, 11, 11, 5, 6, 5, 5, 5, 5, 5, ~
## $ annual_avg_emplvl                <dbl> 3216, 29, 29, 22, 7, 22, 22, 22, 2~
## $ total_annual_wages               <dbl> 65129499, 735712, 735712, 551090, ~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 389, 482, 482, 473, 513, 473, 473,~
## $ avg_annual_pay                   <dbl> 20249, 25081, 25081, 24584, 26692,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 6.67, 6.70, 8.22, 6.79, 8.43~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.35, 0.36, 0.83, 0.17, 0.90~
## $ lq_total_annual_wages            <dbl> 1.00, 0.32, 0.33, 0.81, 0.15, 0.86~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.91, 0.91, 0.97, 0.92, 0.94~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.91, 0.91, 0.96, 0.92, 0.94~
## $ oty_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.2, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 235, 4, 4, 3, 1, 3, 3, 3, 3, 3, 1,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 7.9, 16.0, 16.0, 15.8, 16.7, 15.8,~
## $ oty_total_annual_wages_chg       <dbl> 6160500, 61479, 61479, 35883, 2559~
## $ oty_total_annual_wages_pct_chg   <dbl> 10.4, 9.1, 9.1, 7.0, 16.1, 7.0, 7.~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 9, -28, -28, -39, 10, -39, -39, -3~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 2.4, -5.5, -5.5, -7.6, 2.0, -7.6, ~
## $ oty_avg_annual_pay_chg               <dbl> 470, -1446, -1446, -2065, 551, -20~
## $ oty_avg_annual_pay_pct_chg           <dbl> 2.4, -5.5, -5.5, -7.7, 2.1, -7.7, ~
## Fips loop: 0.325 sec elapsed
## [1] "'Middle' loop with FIPS = 26017"

## Rows: 354 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 354
## Columns: 43
## $ area_fips                     <dbl> 26017, 26017, 26017, 26017, 26017,~
## $ own_code                      <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                 <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                   <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                          <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                           <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                    <chr> "Bay County, Michigan", "Bay Count~
## $ own_title                     <chr> "Total Covered", "Federal Governme~
## $ industry_title                <chr> "Total, all industries", "Total, a~
## $ agglvl_title                  <chr> "County, Total Covered", "County, ~
## $ size_title                    <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count       <dbl> 2388, 18, 18, 8, 10, 8, 8, 8, 8, 8~
## $ annual_avg_emplvl             <dbl> 38681, 275, 275, 201, 74, 201, 201~
## $ total_annual_wages            <dbl> 1007168230, 9791013, 9791013, 6971~
## $ taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage          <dbl> 501, 685, 685, 666, 738, 666, 666,~
## $ avg_annual_pay                <dbl> 26038, 35614, 35614, 34615, 38354,~
## $ lq_disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count    <dbl> 1.00, 1.06, 1.06, 1.28, 1.10, 1.31~
## $ lq_annual_avg_emplvl          <dbl> 1.00, 0.28, 0.29, 0.63, 0.15, 0.68~
## $ lq_total_annual_wages         <dbl> 1.00, 0.28, 0.29, 0.67, 0.15, 0.70~
## $ lq_taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage       <dbl> 1.00, 1.00, 1.00, 1.06, 1.02, 1.03~
## $ lq_avg_annual_pay             <dbl> 1.00, 1.00, 1.01, 1.06, 1.02, 1.03~
## $ oty_disclosure_code           <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 86, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.7, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg           <dbl> 1802, -1, -1, 0, -1, 0, 0, 0, 0, 0~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 4.9, -0.4, -0.4, 0.0, -1.3, 0.0, 0~
```

```
## $ oty_total_annual_wages_chg        <dbl> 64462613, 235475, 235475, 107676, ~
## $ oty_total_annual_wages_pct_chg    <dbl> 6.8, 2.5, 2.5, 1.6, 4.7, 1.6, 1.6,~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 9, 19, 19, 9, 46, 9, 9, 9, 9, 9, 4~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 1.8, 2.9, 2.9, 1.4, 6.6, 1.4, 1.4,~
## $ oty_avg_annual_pay_chg            <dbl> 476, 961, 961, 464, 2351, 464, 464~
## $ oty_avg_annual_pay_pct_chg        <dbl> 1.9, 2.8, 2.8, 1.4, 6.5, 1.4, 1.4,~
## Fips loop: 1.084 sec elapsed
## [1] "'Middle' loop with FIPS = 26019"

## Rows: 103 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 103
## Columns: 43
## $ area_fips                   <dbl> 26019, 26019, 26019, 26019, 26019,~
## $ own_code                    <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code               <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                 <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                        <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                         <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                  <chr> "Benzie County, Michigan", "Benzie~
## $ own_title                   <chr> "Total Covered", "Federal Governme~
## $ industry_title              <chr> "Total, all industries", "Total, a~
## $ agglvl_title                <chr> "County, Total Covered", "County, ~
## $ size_title                  <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count     <dbl> 402, 11, 11, 8, 3, 8, 8, 8, 8, 8, ~
## $ annual_avg_emplvl           <dbl> 3455, 35, 35, 34, 0, 34, 34, 34, 3~
## $ total_annual_wages          <dbl> 60320085, 981679, 981679, 976242, ~
## $ taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage        <dbl> 336, 546, 546, 547, 418, 547, 547,~
## $ avg_annual_pay              <dbl> 17459, 28386, 28386, 28434, 21748,~
## $ lq_disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count  <dbl> 1.00, 3.85, 3.86, 7.59, 1.96, 7.78~
## $ lq_annual_avg_emplvl        <dbl> 1.00, 0.40, 0.41, 1.19, 0.00, 1.29~
## $ lq_total_annual_wages       <dbl> 1.00, 0.47, 0.48, 1.56, 0.00, 1.65~
## $ lq_taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage     <dbl> 1.00, 1.19, 1.19, 1.29, 0.86, 1.26~
## $ lq_avg_annual_pay           <dbl> 1.00, 1.19, 1.20, 1.29, 0.87, 1.26~
## $ oty_disclosure_code         <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg      <dbl> 15, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 3.9, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> 161, 2, 2, 1, 0, 1, 1, 1, 1, 1, 0,~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 4.9, 6.1, 6.1, 3.0, 0.0, 3.0, 3.0,~
## $ oty_total_annual_wages_chg           <dbl> 4082678, 28598, 28598, 27647, 951,~
## $ oty_total_annual_wages_pct_chg       <dbl> 7.3, 3.0, 3.0, 2.9, 21.2, 2.9, 2.9~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 8, -2, -2, -3, 73, -3, -3, -3, -3,~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 2.4, -0.4, -0.4, -0.5, 21.2, -0.5,~
## $ oty_avg_annual_pay_chg               <dbl> 385, -135, -135, -167, 3804, -167,~
## $ oty_avg_annual_pay_pct_chg           <dbl> 2.3, -0.5, -0.5, -0.6, 21.2, -0.6,~
## Fips loop: 0.473 sec elapsed
## [1] "'Middle' loop with FIPS = 26021"

## Rows: 466 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 466
## Columns: 43
## $ area_fips                  <dbl> 26021, 26021, 26021, 26021, 26021,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Berrien County, Michigan", "Berri~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count    <dbl> 3781, 39, 39, 22, 2, 15, 22, 22, 2~
## $ annual_avg_emplvl          <dbl> 69367, 455, 455, 340, 6, 108, 340,~
## $ total_annual_wages         <dbl> 1748531057, 15154866, 15154866, 11~
## $ taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage       <dbl> 485, 641, 641, 648, 473, 627, 648,~
## $ avg_annual_pay             <dbl> 25207, 33320, 33320, 33710, 24576,~
## $ lq_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 1.45, 1.46, 2.22, 2.15, 1.04~
## $ lq_annual_avg_emplvl       <dbl> 1.00, 0.26, 0.26, 0.59, 0.37, 0.12~
## $ lq_total_annual_wages      <dbl> 1.00, 0.25, 0.26, 0.63, 0.22, 0.11~
## $ lq_taxable_annual_wages    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 0.97, 0.97, 1.06, 0.57, 0.90~
## $ lq_avg_annual_pay                    <dbl> 1.00, 0.97, 0.97, 1.06, 0.57, 0.90~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 104, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 2.8, 2.6, 2.6, 0.0, 0.0, 7.1, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> 2736, 3, 3, 9, -1, -6, 9, 9, 9,~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 4.1, 0.7, 0.7, 2.7, -14.3, -5.3, 2~
## $ oty_total_annual_wages_chg           <dbl> 93484477, -30519, -30519, 34071, 1~
## $ oty_total_annual_wages_pct_chg       <dbl> 5.6, -0.2, -0.2, 0.3, 13.9, -2.3, ~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 7, -6, -6, -16, 69, 17, -16, -16, ~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 1.5, -0.9, -0.9, -2.4, 17.1, 2.8, ~
## $ oty_avg_annual_pay_chg               <dbl> 368, -313, -313, -830, 3554, 888, ~
## $ oty_avg_annual_pay_pct_chg           <dbl> 1.5, -0.9, -0.9, -2.4, 16.9, 2.8, ~
## Fips loop: 1.383 sec elapsed
## [1] "'Middle' loop with FIPS = 26029"

## Rows: 143 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 143
## Columns: 43
## $ area_fips                 <dbl> 26029, 26029, 26029, 26029, 26029,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Charlevoix County, Michigan", "Ch~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 772, 10, 10, 7, 3, 7, 7, 7, 7, 7, ~
## $ annual_avg_emplvl         <dbl> 9560, 64, 64, 57, 7, 57, 57, 57, 5~
## $ total_annual_wages        <dbl> 231613264, 1893963, 1893963, 16869~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage      <dbl> 466, 572, 572, 569, 597, 569, 569,~
## $ avg_annual_pay            <dbl> 24227, 29748, 29748, 29595, 31058,~
## $ lq_disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 1.82, 1.83, 3.46, 1.02, 3.55~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.26, 0.27, 0.72, 0.06, 0.78~
## $ lq_total_annual_wages              <dbl> 1.00, 0.23, 0.24, 0.70, 0.05, 0.74~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.90, 0.90, 0.97, 0.89, 0.95~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.90, 0.90, 0.97, 0.89, 0.95~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 33, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg          <dbl> 586, 5, 5, 4, 0, 4, 4, 4, 4, 4, 0,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 6.5, 8.5, 8.5, 7.5, 0.0, 7.5, 7.5,~
## $ oty_total_annual_wages_chg         <dbl> 26474950, 68016, 68016, 39448, 285~
## $ oty_total_annual_wages_pct_chg     <dbl> 12.9, 3.7, 3.7, 2.4, 16.0, 2.4, 2.~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 26, -20, -20, -31, 69, -31, -31, -~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 5.9, -3.4, -3.4, -5.2, 13.1, -5.2,~
## $ oty_avg_annual_pay_chg             <dbl> 1367, -1026, -1026, -1587, 3599, -~
## $ oty_avg_annual_pay_pct_chg         <dbl> 6.0, -3.3, -3.3, -5.1, 13.1, -5.1,~
## Fips loop: 0.582 sec elapsed
## [1] "'Middle' loop with FIPS = 26031"

## Rows: 133 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 133
## Columns: 43
## $ area_fips                          <dbl> 26031, 26031, 26031, 26031, 26031,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Cheboygan County, Michigan", "Che~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 875, 13, 13, 6, 7, 6, 6, 6, 6, 6, ~
## $ annual_avg_emplvl                  <dbl> 7143, 62, 62, 54, 8, 54, 54, 54, 5~
## $ total_annual_wages                 <dbl> 130991141, 1847434, 1847434, 15861~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

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## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 353, 575, 575, 567, 635, 567, 567,~
## $ avg_annual_pay                  <dbl> 18338, 29918, 29918, 29464, 33008,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 2.09, 2.10, 2.61, 2.10, 2.68~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.34, 0.35, 0.91, 0.09, 0.99~
## $ lq_total_annual_wages           <dbl> 1.00, 0.40, 0.42, 1.16, 0.11, 1.23~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.20, 1.20, 1.28, 1.25, 1.25~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.20, 1.20, 1.28, 1.25, 1.25~
## $ oty_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 15, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.7, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg       <dbl> 340, 5, 5, 3, 2, 3, 3, 3, 3, 3, 2,~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 5.0, 8.8, 8.8, 5.9, 33.3, 5.9, 5.9~
## $ oty_total_annual_wages_chg      <dbl> 8781412, 58237, 58237, 49816, 8421~
## $ oty_total_annual_wages_pct_chg  <dbl> 7.2, 3.3, 3.3, 3.2, 3.3, 3.2, 3.2,~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 8, -31, -31, -18, -143, -18, -18, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.3, -5.1, -5.1, -3.1, -18.4, -3.1~
## $ oty_avg_annual_pay_chg          <dbl> 374, -1610, -1610, -958, -7454, -9~
## $ oty_avg_annual_pay_pct_chg      <dbl> 2.1, -5.1, -5.1, -3.1, -18.4, -3.1~
## Fips loop: 0.498 sec elapsed
## [1] "'Middle' loop with FIPS = 26033"

## Rows: 174 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 174
## Columns: 43
## $ area_fips             <dbl> 26033, 26033, 26033, 26033, 26033,~
## $ own_code              <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code         <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code           <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                  <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                   <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title            <chr> "Chippewa County, Michigan", "Chip~
## $ own_title             <chr> "Total Covered", "Federal Governme~
## $ industry_title        <chr> "Total, all industries", "Total, a~
## $ agglvl_title          <chr> "County, Total Covered", "County, ~
## $ size_title            <chr> "All establishment sizes", "All es~
```

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```
## $ annual_avg_estabs_count            <dbl> 927, 34, 34, 11, 1, 1, 21, 11, 11,~
## $ annual_avg_emplvl                  <dbl> 13819, 348, 348, 84, 4, 6, 254, 84~
## $ total_annual_wages                 <dbl> 276785435, 10548417, 10548417, 259~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 385, 583, 583, 596, 473, 704, 577,~
## $ avg_annual_pay                     <dbl> 20030, 30312, 30312, 30995, 24580,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 5.16, 5.18, 4.52, 4.39, 6.41~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.98, 1.01, 0.74, 1.23, 0.79~
## $ lq_total_annual_wages              <dbl> 1.00, 1.09, 1.12, 0.90, 0.84, 1.13~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.11, 1.11, 1.23, 0.72, 1.40~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.11, 1.11, 1.23, 0.71, 1.40~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 16, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.8, 3.0, 3.0, 0.0, 0.0, 0.0, 5.0,~
## $ oty_annual_avg_emplvl_chg          <dbl> 522, -26, -26, 4, -1, -1, -28, 4, ~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 3.9, -7.0, -7.0, 5.0, -20.0, -14.3~
## $ oty_total_annual_wages_chg         <dbl> 14404467, -1032606, -1032606, 1887~
## $ oty_total_annual_wages_pct_chg     <dbl> 5.5, -8.9, -8.9, 0.7, -5.1, -14.3,~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 6, -12, -12, -20, 57, -11, -12, -2~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 1.6, -2.0, -2.0, -3.2, 13.7, -1.5,~
## $ oty_avg_annual_pay_chg             <dbl> 297, -646, -646, -1019, 2927, -562~
## $ oty_avg_annual_pay_pct_chg         <dbl> 1.5, -2.1, -2.1, -3.2, 13.5, -1.5,~
## Fips loop: 0.634 sec elapsed
## [1] "'Middle' loop with FIPS = 26041"

## Rows: 217 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 217
## Columns: 43
## $ area_fips                          <dbl> 26041, 26041, 26041, 26041, 26041,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Delta County, Michigan", "Delta C~
```

```
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 1098, 23, 23, 8, 1, 14, 8, 8, 8, 8~
## $ annual_avg_emplvl               <dbl> 14536, 233, 233, 91, 10, 132, 91, ~
## $ total_annual_wages              <dbl> 327131306, 7468999, 7468999, 28591~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 433, 616, 616, 607, 666, 618, 607,~
## $ avg_annual_pay                  <dbl> 22504, 32021, 32021, 31564, 34614,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 2.95, 2.96, 2.78, 3.70, 3.35~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.63, 0.64, 0.76, 2.91, 0.71~
## $ lq_total_annual_wages           <dbl> 1.00, 0.66, 0.67, 0.84, 2.72, 0.70~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.04, 1.04, 1.11, 0.90, 0.99~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.05, 1.05, 1.11, 0.90, 0.99~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 40, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.8, 4.5, 4.5, 0.0, 0.0, 7.7, 0.0,~
## $ oty_annual_avg_emplvl_chg       <dbl> 692, -6, -6, 3, -4, -5, 3, 3, 3, 3~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 5.0, -2.5, -2.5, 3.4, -28.6, -3.6,~
## $ oty_total_annual_wages_chg      <dbl> 17408857, -375312, -375312, 122240~
## $ oty_total_annual_wages_pct_chg  <dbl> 5.6, -4.8, -4.8, 4.5, -20.6, -8.7,~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 3, -16, -16, 9, 39, -36, 9, 9, 9, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 0.7, -2.5, -2.5, 1.5, 6.2, -5.5, 1~
## $ oty_avg_annual_pay_chg          <dbl> 132, -835, -835, 492, 2002, -1899,~
## $ oty_avg_annual_pay_pct_chg      <dbl> 0.6, -2.5, -2.5, 1.6, 6.1, -5.6, 1~
## Fips loop: 0.739 sec elapsed
## [1] "'Middle' loop with FIPS = 26047"

## Rows: 209 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 209
## Columns: 43
## $ area_fips                       <dbl> 26047, 26047, 26047, 26047, 26047,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                          <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                           <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                    <chr> "Emmet County, Michigan", "Emmet C~
## $ own_title                     <chr> "Total Covered", "Federal Governme~
## $ industry_title                <chr> "Total, all industries", "Total, a~
## $ agglvl_title                  <chr> "County, Total Covered", "County, ~
## $ size_title                    <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count       <dbl> 1211, 16, 16, 8, 7, 8, 8, 8, 8, 8,~
## $ annual_avg_emplvl             <dbl> 13756, 109, 109, 88, 17, 88, 88, 8~
## $ total_annual_wages            <dbl> 307934112, 3518529, 3518529, 26962~
## $ taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage          <dbl> 430, 622, 622, 590, 819, 590, 590,~
## $ avg_annual_pay                <dbl> 22385, 32354, 32354, 30668, 42578,~
## $ lq_disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count    <dbl> 1.00, 1.86, 1.87, 2.52, 1.52, 2.58~
## $ lq_annual_avg_emplvl          <dbl> 1.00, 0.31, 0.32, 0.77, 0.10, 0.84~
## $ lq_total_annual_wages         <dbl> 1.00, 0.33, 0.34, 0.84, 0.13, 0.89~
## $ lq_taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage       <dbl> 1.00, 1.06, 1.06, 1.09, 1.32, 1.06~
## $ lq_avg_annual_pay             <dbl> 1.00, 1.06, 1.06, 1.09, 1.32, 1.06~
## $ oty_disclosure_code           <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 53, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.6, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg     <dbl> 484, 7, 7, 12, -3, 12, 12, 12, 12,~
## $ oty_annual_avg_emplvl_pct_chg <dbl> 3.6, 6.9, 6.9, 15.8, -15.0, 15.8, ~
## $ oty_total_annual_wages_chg    <dbl> 24037443, 8220, 8220, 144429, -791~
## $ oty_total_annual_wages_pct_chg <dbl> 8.5, 0.2, 0.2, 5.7, -9.9, 5.7, 5.7~
## $ oty_taxable_annual_wages_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg  <dbl> 19, -41, -41, -54, 51, -54, -54, -~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 4.6, -6.2, -6.2, -8.4, 6.6, -8.4, ~
## $ oty_avg_annual_pay_chg        <dbl> 994, -2145, -2145, -2799, 2618, -2~
## $ oty_avg_annual_pay_pct_chg    <dbl> 4.6, -6.2, -6.2, -8.4, 6.6, -8.4, ~
## Fips loop: 0.748 sec elapsed
## [1] "'Middle' loop with FIPS = 26053"

## Rows: 112 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 112
## Columns: 43
## $ area_fips                     <dbl> 26053, 26053, 26053, 26053, 26053,~
```

```
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Gogebic County, Michigan", "Gogeb~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 500, 16, 16, 6, 10, 6, 6, 6, 6, 6,~
## $ annual_avg_emplvl               <dbl> 6152, 164, 164, 45, 119, 45, 45, 4~
## $ total_annual_wages              <dbl> 107204657, 5010676, 5010676, 13322~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 335, 589, 589, 568, 597, 568, 568,~
## $ avg_annual_pay                  <dbl> 17427, 30615, 30615, 29550, 31020,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 4.50, 4.52, 4.57, 5.25, 4.69~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 1.04, 1.07, 0.88, 1.50, 0.96~
## $ lq_total_annual_wages           <dbl> 1.00, 1.34, 1.38, 1.19, 1.85, 1.26~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.29, 1.29, 1.35, 1.24, 1.31~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.29, 1.29, 1.35, 1.24, 1.32~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 21, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.4, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg       <dbl> 86, -1, -1, 2, -4, 2, 2, 2, 2, 2, ~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 1.4, -0.6, -0.6, 4.7, -3.3, 4.7, 4~
## $ oty_total_annual_wages_chg      <dbl> 4453531, -396773, -396773, 33972, ~
## $ oty_total_annual_wages_pct_chg  <dbl> 4.3, -7.3, -7.3, 2.6, -10.5, 2.6, ~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 9, -41, -41, -18, -48, -18, -18, -~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.8, -6.5, -6.5, -3.1, -7.4, -3.1,~
## $ oty_avg_annual_pay_chg          <dbl> 487, -2141, -2141, -937, -2525, -9~
## $ oty_avg_annual_pay_pct_chg      <dbl> 2.9, -6.5, -6.5, -3.1, -7.5, -3.1,~
## Fips loop: 0.498 sec elapsed
## [1] "'Middle' loop with FIPS = 26055"

## Rows: 447 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 447
## Columns: 43
## $ area_fips                         <dbl> 26055, 26055, 26055, 26055, 26055,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Grand Traverse County, Michigan",~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 2908, 26, 26, 9, 1, 16, 9, 9, 9, 9~
## $ annual_avg_emplvl                 <dbl> 41222, 414, 414, 325, 8, 81, 325, ~
## $ total_annual_wages                <dbl> 940590238, 15402709, 15402709, 117~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 439, 716, 716, 697, 507, 814, 697,~
## $ avg_annual_pay                    <dbl> 22818, 37235, 37235, 36250, 26373,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 1.26, 1.26, 1.18, 1.40, 1.44~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.39, 0.40, 0.95, 0.82, 0.15~
## $ lq_total_annual_wages             <dbl> 1.00, 0.47, 0.48, 1.20, 0.58, 0.20~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.20, 1.20, 1.26, 0.67, 1.29~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.20, 1.20, 1.26, 0.67, 1.29~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 148, 2, 2, 0, 0, 2, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.4, 8.3, 8.3, 0.0, 0.0, 14.3, 0.0~
## $ oty_annual_avg_emplvl_chg         <dbl> 1500, 31, 31, 39, -2, -6, 39, 39, ~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 3.8, 8.1, 8.1, 13.6, -20.0, -6.9, ~
## $ oty_total_annual_wages_chg        <dbl> 74102387, 562607, 562607, 731628, ~
## $ oty_total_annual_wages_pct_chg    <dbl> 8.6, 3.8, 3.8, 6.6, 8.3, -5.2, 6.6~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 19, -29, -29, -44, 100, 19, -44, -~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 4.5, -3.9, -3.9, -5.9, 24.6, 2.4, ~
## $ oty_avg_annual_pay_chg            <dbl> 1004, -1512, -1512, -2288, 5195, 9~
## $ oty_avg_annual_pay_pct_chg        <dbl> 4.6, -3.9, -3.9, -5.9, 24.5, 2.3, ~
## Fips loop: 1.362 sec elapsed
## [1] "'Middle' loop with FIPS = 26061"

## Rows: 186 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 186
## Columns: 43
## $ area_fips                        <dbl> 26061, 26061, 26061, 26061, 26061,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Houghton County, Michigan", "Houg~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 898, 29, 29, 11, 1, 17, 11, 11, 11~
## $ annual_avg_emplvl                <dbl> 11850, 146, 146, 83, 3, 60, 83, 83~
## $ total_annual_wages               <dbl> 239950531, 4389609, 4389609, 24068~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 389, 577, 577, 558, 721, 596, 558,~
## $ avg_annual_pay                   <dbl> 20248, 30014, 30014, 28998, 37482,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 4.54, 4.56, 4.67, 7.88, 4.97~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.48, 0.49, 0.85, 0.49, 0.39~
## $ lq_total_annual_wages            <dbl> 1.00, 0.52, 0.54, 0.96, 1.39, 0.42~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.09, 1.09, 1.14, 2.62, 1.07~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.09, 1.09, 1.14, 2.62, 1.07~
## $ oty_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 4, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.4, 3.6, 3.6, 0.0, 0.0, 6.2, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 191, 0, 0, 1, 1, -3, 1, 1, 1, 1, 1~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 1.6, 0.0, 0.0, 1.2, 50.0, -4.8, 1.~
## $ oty_total_annual_wages_chg       <dbl> 5756710, -99618, -99618, 40326, 51~
## $ oty_total_annual_wages_pct_chg   <dbl> 2.5, -2.2, -2.2, 1.7, 73.3, -9.3, ~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 3, -13, -13, 2, -52, -33, 2, 2, 2,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 0.8, -2.2, -2.2, 0.4, -6.7, -5.2, ~
## $ oty_avg_annual_pay_chg           <dbl> 161, -664, -664, 79, -2695, -1692,~
## $ oty_avg_annual_pay_pct_chg       <dbl> 0.8, -2.2, -2.2, 0.3, -6.7, -5.2, ~
## Fips loop: 0.65 sec elapsed
## [1] "'Middle' loop with FIPS = 26063"
```

```
## Rows: 166 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 166
## Columns: 43
## $ area_fips                      <dbl> 26063, 26063, 26063, 26063, 26063,~
## $ own_code                       <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                  <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                    <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Huron County, Michigan", "Huron C~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 1022, 20, 20, 14, 5, 14, 14, 14, 1~
## $ annual_avg_emplvl              <dbl> 12713, 112, 112, 98, 12, 98, 98, 9~
## $ total_annual_wages             <dbl> 275415311, 3043954, 3043954, 26520~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 417, 521, 521, 522, 511, 522, 522,~
## $ avg_annual_pay                 <dbl> 21664, 27118, 27118, 27131, 26592,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 2.75, 2.76, 5.22, 1.28, 5.36~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 0.34, 0.35, 0.93, 0.07, 1.01~
## $ lq_total_annual_wages          <dbl> 1.00, 0.32, 0.33, 0.93, 0.06, 0.98~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 0.92, 0.92, 0.99, 0.85, 0.97~
## $ lq_avg_annual_pay              <dbl> 1.00, 0.92, 0.92, 1.00, 0.85, 0.97~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 43, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.4, 5.3, 5.3, 0.0, 25.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg      <dbl> 505, 3, 3, 5, 0, 5, 5, 5, 5, 5, 0,~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> 4.1, 2.8, 2.8, 5.4, 0.0, 5.4, 5.4,~
## $ oty_total_annual_wages_chg     <dbl> 16514825, -73976, -73976, -48842, ~
## $ oty_total_annual_wages_pct_chg <dbl> 6.4, -2.4, -2.4, -1.8, -3.4, -1.8,~
## $ oty_taxable_annual_wages_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg   <dbl> 9, -32, -32, -37, -37, -37, -37, -~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.2, -5.8, -5.8, -6.6, -6.8, -6.6,~
```

```
## $ oty_avg_annual_pay_chg              <dbl> 457, -1619, -1619, -1937, -1928, -~
## $ oty_avg_annual_pay_pct_chg          <dbl> 2.2, -5.6, -5.6, -6.7, -6.8, -6.7,~
## Fips loop: 0.792 sec elapsed
## [1] "'Middle' loop with FIPS = 26069"

## Rows: 138 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 138
## Columns: 43
## $ area_fips                          <dbl> 26069, 26069, 26069, 26069, 26069,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Iosco County, Michigan", "Iosco C~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 691, 16, 16, 7, 8, 7, 7, 7, 7, 7, ~
## $ annual_avg_emplvl                  <dbl> 8539, 155, 155, 60, 39, 60, 60, 60~
## $ total_annual_wages                 <dbl> 166624533, 3158646, 3158646, 18265~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 375, 392, 392, 584, 507, 584, 584,~
## $ avg_annual_pay                     <dbl> 19514, 20389, 20389, 30358, 26377,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 3.26, 3.27, 3.86, 3.04, 3.96~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.71, 0.73, 0.85, 0.36, 0.92~
## $ lq_total_annual_wages              <dbl> 1.00, 0.54, 0.56, 1.05, 0.33, 1.12~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.77, 0.77, 1.24, 0.94, 1.21~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.77, 0.77, 1.24, 0.94, 1.21~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 10, 1, 1, 0, 3, 0, 0, 0, 0, 0, 3, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.5, 6.7, 6.7, 0.0, 60.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg          <dbl> 542, -44, -44, 2, 10, 2, 2, 2, 2, ~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 6.8, -22.1, -22.1, 3.4, 34.5, 3.4,~
## $ oty_total_annual_wages_chg         <dbl> 13728391, 21297, 21297, 105498, 22~
## $ oty_total_annual_wages_pct_chg     <dbl> 9.0, 0.7, 0.7, 6.1, 28.7, 6.1, 6.1~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 7, 88, 88, 9, -20, 9, 9, 9, 9, 9, ~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 1.9, 28.9, 28.9, 1.6, -3.8, 1.6, 1~
## $ oty_avg_annual_pay_chg                <dbl> 396, 4590, 4590, 470, -1013, 470, ~
## $ oty_avg_annual_pay_pct_chg            <dbl> 2.1, 29.1, 29.1, 1.6, -3.7, 1.6, 1~
## Fips loop: 0.507 sec elapsed
## [1] "'Middle' loop with FIPS = 26083"

## Rows: 36 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 36
## Columns: 43
## $ area_fips                      <dbl> 26083, 26083, 26083, 26083, 26083,~
## $ own_code                       <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                  <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                    <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Keweenaw County, Michigan", "Kewe~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 70, 5, 5, 2, 2, 1, 2, 2, 2, 2, 2, ~
## $ annual_avg_emplvl              <dbl> 472, 70, 70, 4, 66, 0, 4, 4, 4, 4,~
## $ total_annual_wages             <dbl> 6525444, 1960473, 1960473, 89259, ~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 266, 542, 542, 438, 549, 0, 438, 4~
## $ avg_annual_pay                 <dbl> 13815, 28208, 28208, 22790, 28532,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 10.04, 10.09, 10.89, 202.10,~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 5.79, 5.95, 1.02, 271.92, 0.~
## $ lq_total_annual_wages          <dbl> 1.00, 8.62, 8.86, 1.31, 787.92, 0.~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 1.50, 1.50, 1.31, 2.91, 0.00~
## $ lq_avg_annual_pay              <dbl> 1.00, 1.50, 1.50, 1.31, 2.92, 0.00~
## $ oty_disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 7.7, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg      <dbl> 35, -1, -1, 0, -1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> 8.0, -1.4, -1.4, 0.0, -1.5, 0.0, 0~
```

```
## $ oty_total_annual_wages_chg              <dbl> 600722, 101753, 101753, -1775, 103~
## $ oty_total_annual_wages_pct_chg          <dbl> 10.1, 5.5, 5.5, -1.9, 5.9, 0.0, -1~
## $ oty_taxable_annual_wages_chg            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg            <dbl> 5, 37, 37, 0, 40, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_pct_chg        <dbl> 1.9, 7.3, 7.3, 0.0, 7.9, 0.0, 0.0,~
## $ oty_avg_annual_pay_chg                  <dbl> 262, 1936, 1936, 31, 2050, 0, 31, ~
## $ oty_avg_annual_pay_pct_chg              <dbl> 1.9, 7.4, 7.4, 0.1, 7.7, 0.0, 0.1,~
## Fips loop: 0.233 sec elapsed
## [1] "'Middle' loop with FIPS = 26089"

## Rows: 119 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 119
## Columns: 43
## $ area_fips                    <dbl> 26089, 26089, 26089, 26089, 26089,~
## $ own_code                     <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                  <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                         <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                          <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                   <chr> "Leelanau County, Michigan", "Leel~
## $ own_title                    <chr> "Total Covered", "Federal Governme~
## $ industry_title               <chr> "Total, all industries", "Total, a~
## $ agglvl_title                 <chr> "County, Total Covered", "County, ~
## $ size_title                   <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count      <dbl> 579, 17, 17, 10, 1, 6, 10, 10, 10,~
## $ annual_avg_emplvl            <dbl> 4560, 117, 117, 44, 59, 14, 44, 44~
## $ total_annual_wages           <dbl> 78925623, 3613177, 3613177, 123447~
## $ taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage         <dbl> 333, 594, 594, 541, 581, 814, 541,~
## $ avg_annual_pay               <dbl> 17310, 30904, 30904, 28110, 30235,~
## $ lq_disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count   <dbl> 1.00, 4.13, 4.15, 6.58, 12.22, 2.7~
## $ lq_annual_avg_emplvl         <dbl> 1.00, 1.00, 1.03, 1.17, 25.16, 0.2~
## $ lq_total_annual_wages        <dbl> 1.00, 1.31, 1.35, 1.50, 61.93, 0.4~
## $ lq_taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage      <dbl> 1.00, 1.31, 1.31, 1.29, 2.46, 1.70~
## $ lq_avg_annual_pay            <dbl> 1.00, 1.31, 1.31, 1.29, 2.47, 1.70~
## $ oty_disclosure_code          <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg     <dbl> 45, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 8.4, 6.2, 6.2, 0.0, 0.0, 20.0, 0.0~
## $ oty_annual_avg_emplvl_chg           <dbl> 252, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1,~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 5.8, 2.6, 2.6, 2.3, 1.7, 7.7, 2.3,~
## $ oty_total_annual_wages_chg          <dbl> 5536201, 79216, 79216, 28503, -115~
## $ oty_total_annual_wages_pct_chg      <dbl> 7.5, 2.2, 2.2, 2.4, -0.6, 11.6, 2.~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 5, -3, -3, -3, -11, 24, -3, -3, -3~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 1.5, -0.5, -0.5, -0.6, -1.9, 3.0, ~
## $ oty_avg_annual_pay_chg              <dbl> 274, -118, -118, -155, -545, 1251,~
## $ oty_avg_annual_pay_pct_chg          <dbl> 1.6, -0.4, -0.4, -0.5, -1.8, 3.0, ~
## Fips loop: 0.472 sec elapsed
## [1] "'Middle' loop with FIPS = 26095"

## Rows: 55 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 55
## Columns: 43
## $ area_fips                 <dbl> 26095, 26095, 26095, 26095, 26095,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Luce County, Michigan", "Luce Cou~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 192, 7, 7, 3, 4, 3, 3, 3, 3, 3, 4,~
## $ annual_avg_emplvl         <dbl> 2293, 19, 19, 17, 2, 17, 17, 17, 1~
## $ total_annual_wages        <dbl> 46305799, 529835, 529835, 449913, ~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage      <dbl> 388, 536, 536, 509, 768, 509, 509,~
## $ avg_annual_pay            <dbl> 20198, 27886, 27886, 26465, 39961,~
## $ lq_disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 5.13, 5.15, 5.96, 5.47, 6.11~
## $ lq_annual_avg_emplvl      <dbl> 1.00, 0.32, 0.33, 0.90, 0.07, 0.97~
## $ lq_total_annual_wages     <dbl> 1.00, 0.33, 0.34, 0.93, 0.09, 0.99~
## $ lq_taxable_annual_wages   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage                 <dbl> 1.00, 1.01, 1.01, 1.04, 1.38, 1.02~
## $ lq_avg_annual_pay                       <dbl> 1.00, 1.01, 1.01, 1.04, 1.38, 1.02~
## $ oty_disclosure_code                     <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg         <dbl> 5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg     <dbl> 2.7, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg               <dbl> 268, 2, 2, 2, 0, 2, 2, 2, 2, 2, 0,~
## $ oty_annual_avg_emplvl_pct_chg           <dbl> 13.2, 11.8, 11.8, 13.3, 0.0, 13.3,~
## $ oty_total_annual_wages_chg              <dbl> 6467175, 39592, 39592, 21413, 1817~
## $ oty_total_annual_wages_pct_chg          <dbl> 16.2, 8.1, 8.1, 5.0, 29.4, 5.0, 5.~
## $ oty_taxable_annual_wages_chg            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg            <dbl> 10, -5, -5, -26, 174, -26, -26, -2~
## $ oty_annual_avg_wkly_wage_pct_chg        <dbl> 2.6, -0.9, -0.9, -4.9, 29.3, -4.9,~
## $ oty_avg_annual_pay_chg                  <dbl> 521, -262, -262, -1330, 9089, -133~
## $ oty_avg_annual_pay_pct_chg              <dbl> 2.6, -0.9, -0.9, -4.8, 29.4, -4.8,~
## Fips loop: 0.277 sec elapsed
## [1] "'Middle' loop with FIPS = 26097"

## Rows: 81 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 81
## Columns: 43
## $ area_fips                   <dbl> 26097, 26097, 26097, 26097, 26097,~
## $ own_code                    <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code               <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                 <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                        <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                         <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                  <chr> "Mackinac County, Michigan", "Mack~
## $ own_title                   <chr> "Total Covered", "Federal Governme~
## $ industry_title              <chr> "Total, all industries", "Total, a~
## $ agglvl_title                <chr> "County, Total Covered", "County, ~
## $ size_title                  <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count     <dbl> 544, 13, 13, 7, 6, 7, 7, 7, 7, 7, ~
## $ annual_avg_emplvl           <dbl> 4724, 60, 60, 33, 27, 33, 33, 33, ~
## $ total_annual_wages          <dbl> 79043917, 1675438, 1675438, 905622~
## $ taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage        <dbl> 322, 539, 539, 533, 547, 533, 533,~
## $ avg_annual_pay              <dbl> 16733, 28041, 28041, 27723, 28424,~
## $ lq_disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 3.36, 3.37, 4.91, 2.89, 5.03~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.50, 0.51, 0.84, 0.44, 0.92~
## $ lq_total_annual_wages           <dbl> 1.00, 0.61, 0.63, 1.10, 0.53, 1.17~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.23, 1.23, 1.32, 1.18, 1.28~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.23, 1.23, 1.32, 1.18, 1.29~
## $ oty_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 22, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.2, 8.3, 8.3, 16.7, 0.0, 16.7, 16~
## $ oty_annual_avg_emplvl_chg       <dbl> 205, -3, -3, 0, -3, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 4.5, -4.8, -4.8, 0.0, -10.0, 0.0, ~
## $ oty_total_annual_wages_chg      <dbl> 8659722, -139365, -139365, 44487, ~
## $ oty_total_annual_wages_pct_chg  <dbl> 12.3, -7.7, -7.7, 5.2, -19.3, 5.2,~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 22, -18, -18, 27, -66, 27, 27, 27,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 7.3, -3.2, -3.2, 5.3, -10.8, 5.3, ~
## $ oty_avg_annual_pay_chg          <dbl> 1157, -919, -919, 1429, -3453, 142~
## $ oty_avg_annual_pay_pct_chg      <dbl> 7.4, -3.2, -3.2, 5.4, -10.8, 5.4, ~
## Fips loop: 0.359 sec elapsed
## [1] "'Middle' loop with FIPS = 26099"

## Rows: 943 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 943
## Columns: 43
## $ area_fips              <dbl> 26099, 26099, 26099, 26099, 26099,~
## $ own_code               <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code          <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code            <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                   <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                    <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title             <chr> "Macomb County, Michigan", "Macomb~
## $ own_title              <chr> "Total Covered", "Federal Governme~
## $ industry_title         <chr> "Total, all industries", "Total, a~
## $ agglvl_title           <chr> "County, Total Covered", "County, ~
## $ size_title             <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count <dbl> 16597, 46, 46, 18, 5, 22, 2, 1, 1,~
## $ annual_avg_emplvl      <dbl> 324538, 7365, 7365, 1813, 96, 5457~
## $ total_annual_wages     <dbl> 11176853089, 219973250, 219973250,~
## $ taxable_annual_wages   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 662, 574, 574, 634, 246, 560, 214,~
## $ avg_annual_pay                     <dbl> 34439, 29868, 29868, 32964, 12785,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 0.39, 0.39, 0.41, 2.13, 0.35~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.89, 0.91, 0.68, 0.58, 1.31~
## $ lq_total_annual_wages              <dbl> 1.00, 0.56, 0.58, 0.51, 0.30, 0.77~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.64, 0.64, 0.76, 0.52, 0.59~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.64, 0.64, 0.76, 0.52, 0.59~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 1045, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 6.7, 2.2, 2.2, 0.0, 0.0, 4.8, 0.0,~
## $ oty_annual_avg_emplvl_chg          <dbl> 14072, -253, -253, 82, -9, -326, -~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 4.5, -3.3, -3.3, 4.7, -8.6, -5.6, ~
## $ oty_total_annual_wages_chg         <dbl> 855370041, -1263906, -1263906, 182~
## $ oty_total_annual_wages_pct_chg     <dbl> 8.3, -0.6, -0.6, 0.3, 0.1, -0.9, -~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 23, 16, 16, -28, 21, 26, 0, 1, 1, ~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 3.6, 2.9, 2.9, -4.2, 9.3, 4.9, 0.0~
## $ oty_avg_annual_pay_chg             <dbl> 1194, 827, 827, -1456, 1107, 1393,~
## $ oty_avg_annual_pay_pct_chg         <dbl> 3.6, 2.8, 2.8, -4.2, 9.5, 5.0, 0.3~
## Fips loop: 2.645 sec elapsed
## [1] "'Middle' loop with FIPS = 26101"

## Rows: 120 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 120
## Columns: 43
## $ area_fips          <dbl> 26101, 26101, 26101, 26101, 26101,~
## $ own_code           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code      <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code        <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title         <chr> "Manistee County, Michigan", "Mani~
## $ own_title          <chr> "Total Covered", "Federal Governme~
## $ industry_title     <chr> "Total, all industries", "Total, a~
## $ agglvl_title       <chr> "County, Total Covered", "County, ~
## $ size_title         <chr> "All establishment sizes", "All es~
```

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```
## $ annual_avg_estabs_count          <dbl> 618, 17, 17, 8, 9, 8, 8, 8, 8, 8, ~
## $ annual_avg_emplvl               <dbl> 6729, 89, 89, 63, 26, 63, 63, 63, ~
## $ total_annual_wages              <dbl> 152480504, 2588396, 2588396, 19028~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 436, 562, 562, 583, 510, 583, 583,~
## $ avg_annual_pay                  <dbl> 22661, 29220, 29220, 30325, 26535,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 3.87, 3.88, 4.93, 3.82, 5.06~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.52, 0.53, 1.13, 0.30, 1.23~
## $ lq_total_annual_wages           <dbl> 1.00, 0.49, 0.50, 1.20, 0.24, 1.27~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 0.95, 0.95, 1.06, 0.81, 1.04~
## $ lq_avg_annual_pay               <dbl> 1.00, 0.95, 0.95, 1.06, 0.81, 1.04~
## $ oty_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 9, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.5, 6.2, 6.2, 0.0, 12.5, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg       <dbl> 190, 3, 3, 4, -1, 4, 4, 4, 4, 4, -~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 2.9, 3.5, 3.5, 6.8, -3.7, 6.8, 6.8~
## $ oty_total_annual_wages_chg      <dbl> 2456401, -82865, -82865, 59912, -1~
## $ oty_total_annual_wages_pct_chg  <dbl> 1.6, -3.1, -3.1, 3.3, -17.2, 3.3, ~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> -5, -37, -37, -19, -82, -19, -19, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> -1.1, -6.2, -6.2, -3.2, -13.9, -3.~
## $ oty_avg_annual_pay_chg          <dbl> -283, -1932, -1932, -1001, -4237, ~
## $ oty_avg_annual_pay_pct_chg      <dbl> -1.2, -6.2, -6.2, -3.2, -13.8, -3.~
## Fips loop: 0.465 sec elapsed
## [1] "'Middle' loop with FIPS = 26103"

## Rows: 284 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 284
## Columns: 43
## $ area_fips          <dbl> 26103, 26103, 26103, 26103, 26103,~
## $ own_code           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code      <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code        <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title         <chr> "Marquette County, Michigan", "Mar~
```

```
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 1658, 37, 37, 10, 1, 1, 24, 9, 9, ~
## $ annual_avg_emplvl                <dbl> 24996, 559, 559, 171, 3, 14, 329, ~
## $ total_annual_wages               <dbl> 601199166, 17077308, 17077308, 454~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 463, 587, 587, 510, 525, 874, 659,~
## $ avg_annual_pay                   <dbl> 24052, 30536, 30536, 26515, 27312,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 3.14, 3.15, 2.30, 2.45, 3.58~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.87, 0.90, 0.83, 0.51, 1.02~
## $ lq_total_annual_wages            <dbl> 1.00, 0.82, 0.84, 0.73, 0.34, 1.48~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.93, 0.93, 0.88, 0.66, 1.44~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.93, 0.93, 0.88, 0.66, 1.44~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 28, 2, 2, 0, 0, 0, 2, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.7, 5.7, 5.7, 0.0, 0.0, 0.0, 9.1,~
## $ oty_annual_avg_emplvl_chg        <dbl> -353, -436, -436, -98, -1, 7, -205~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> -1.4, -43.8, -43.8, -36.4, -25.0, ~
## $ oty_total_annual_wages_chg       <dbl> 4320179, -6919049, -6919049, -7894~
## $ oty_total_annual_wages_pct_chg   <dbl> 0.7, -28.8, -28.8, -14.8, -8.3, 10~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 10, 123, 123, 129, 45, -15, 55, -2~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.2, 26.5, 26.5, 33.9, 9.4, -1.7, ~
## $ oty_avg_annual_pay_chg           <dbl> 505, 6411, 6411, 6712, 2371, -786,~
## $ oty_avg_annual_pay_pct_chg       <dbl> 2.1, 26.6, 26.6, 33.9, 9.5, -1.7, ~
## Fips loop: 0.911 sec elapsed
## [1] "'Middle' loop with FIPS = 26105"

## Rows: 151 Columns: 43

## -- Column specification --------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 151
## Columns: 43
## $ area_fips                        <dbl> 26105, 26105, 26105, 26105, 26105,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Mason County, Michigan", "Mason C~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 712, 14, 14, 5, 8, 5, 5, 5, 5, 5, ~
## $ annual_avg_emplvl               <dbl> 9830, 108, 108, 67, 39, 67, 67, 67~
## $ total_annual_wages              <dbl> 226682344, 3146862, 3146862, 20176~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 443, 559, 559, 583, 524, 583, 583,~
## $ avg_annual_pay                  <dbl> 23061, 29070, 29070, 30303, 27268,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 2.76, 2.78, 2.68, 2.95, 2.75~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.43, 0.44, 0.82, 0.31, 0.89~
## $ lq_total_annual_wages           <dbl> 1.00, 0.40, 0.41, 0.86, 0.26, 0.91~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 0.93, 0.93, 1.05, 0.82, 1.02~
## $ lq_avg_annual_pay               <dbl> 1.00, 0.93, 0.93, 1.04, 0.82, 1.02~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 23, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.3, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg       <dbl> -62, -1, -1, 3, -1, 3, 3, 3, 3, 3,~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> -0.6, -0.9, -0.9, 4.7, -2.5, 4.7, ~
## $ oty_total_annual_wages_chg      <dbl> 18484778, 98526, 98526, 25119, 104~
## $ oty_total_annual_wages_pct_chg  <dbl> 8.9, 3.2, 3.2, 1.3, 10.8, 1.3, 1.3~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 38, 23, 23, -13, 57, -13, -13, -13~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 9.4, 4.3, 4.3, -2.2, 12.2, -2.2, -~
## $ oty_avg_annual_pay_chg          <dbl> 2014, 1210, 1210, -709, 2965, -709~
## $ oty_avg_annual_pay_pct_chg      <dbl> 9.6, 4.3, 4.3, -2.3, 12.2, -2.3, -~
## Fips loop: 0.557 sec elapsed
## [1] "'Middle' loop with FIPS = 26109"

## Rows: 120 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 120
## Columns: 43
## $ area_fips                       <dbl> 26109, 26109, 26109, 26109, 26109,~
```

```
## $ own_code                              <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                         <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                           <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                  <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                   <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                            <chr> "Menominee County, Michigan", "Men~
## $ own_title                             <chr> "Total Covered", "Federal Governme~
## $ industry_title                        <chr> "Total, all industries", "Total, a~
## $ agglvl_title                          <chr> "County, Total Covered", "County, ~
## $ size_title                            <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count               <dbl> 536, 17, 17, 8, 9, 8, 8, 8, 8, 8, ~
## $ annual_avg_emplvl                     <dbl> 8814, 72, 72, 67, 6, 67, 67, 67, 6~
## $ total_annual_wages                    <dbl> 180819631, 1922093, 1922093, 17702~
## $ taxable_annual_wages                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                  <dbl> 395, 512, 512, 511, 531, 511, 511,~
## $ avg_annual_pay                        <dbl> 20515, 26634, 26634, 26554, 27603,~
## $ lq_disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count            <dbl> 1.00, 4.46, 4.48, 5.69, 4.41, 5.84~
## $ lq_annual_avg_emplvl                  <dbl> 1.00, 0.32, 0.33, 0.92, 0.05, 1.00~
## $ lq_total_annual_wages                 <dbl> 1.00, 0.31, 0.31, 0.94, 0.05, 1.00~
## $ lq_taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage               <dbl> 1.00, 0.95, 0.95, 1.03, 0.93, 1.00~
## $ lq_avg_annual_pay                     <dbl> 1.00, 0.95, 0.95, 1.03, 0.94, 1.00~
## $ oty_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg       <dbl> 8, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0~
## $ oty_annual_avg_estabs_count_pct_chg   <dbl> 1.5, 6.2, 6.2, 0.0, 12.5, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg             <dbl> 132, 5, 5, 4, 1, 4, 4, 4, 4, 4, 1,~
## $ oty_annual_avg_emplvl_pct_chg         <dbl> 1.5, 7.5, 7.5, 6.3, 20.0, 6.3, 6.3~
## $ oty_total_annual_wages_chg            <dbl> 7078872, 83440, 83440, 76072, 7368~
## $ oty_total_annual_wages_pct_chg        <dbl> 4.1, 4.5, 4.5, 4.5, 5.1, 4.5, 4.5,~
## $ oty_taxable_annual_wages_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 10, -14, -14, -9, -75, -9, -9, -9,~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 2.6, -2.7, -2.7, -1.7, -12.4, -1.7~
## $ oty_avg_annual_pay_chg                <dbl> 503, -707, -707, -481, -3912, -481~
## $ oty_avg_annual_pay_pct_chg            <dbl> 2.5, -2.6, -2.6, -1.8, -12.4, -1.8~
## Fips loop: 0.463 sec elapsed
## [1] "'Middle' loop with FIPS = 26115"

## Rows: 342 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 342
## Columns: 43
## $ area_fips                           <dbl> 26115, 26115, 26115, 26115, 26115,~
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                       <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                          <chr> "Monroe County, Michigan", "Monroe~
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 2157, 18, 18, 11, 7, 11, 11, 11, 1~
## $ annual_avg_emplvl                   <dbl> 37708, 264, 264, 242, 22, 242, 242~
## $ total_annual_wages                  <dbl> 1125013835, 8502434, 8502434, 7863~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 574, 619, 619, 625, 553, 625, 625,~
## $ avg_annual_pay                      <dbl> 29835, 32166, 32166, 32481, 28737,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 1.17, 1.18, 1.94, 0.85, 1.99~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 0.27, 0.28, 0.78, 0.05, 0.84~
## $ lq_total_annual_wages               <dbl> 1.00, 0.22, 0.22, 0.67, 0.03, 0.71~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 0.79, 0.79, 0.87, 0.67, 0.84~
## $ lq_avg_annual_pay                   <dbl> 1.00, 0.79, 0.79, 0.87, 0.67, 0.84~
## $ oty_disclosure_code                 <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 93, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg           <dbl> 2045, 16, 16, 15, 1, 15, 15, 15, 1~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 5.7, 6.5, 6.5, 6.6, 4.8, 6.6, 6.6,~
## $ oty_total_annual_wages_chg          <dbl> 55284143, 197168, 197168, 189743, ~
## $ oty_total_annual_wages_pct_chg      <dbl> 5.2, 2.4, 2.4, 2.5, 1.2, 2.5, 2.5,~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> -3, -26, -26, -26, -23, -26, -26, ~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> -0.5, -4.0, -4.0, -4.0, -4.0, -4.0~
## $ oty_avg_annual_pay_chg              <dbl> -161, -1357, -1357, -1372, -1238, ~
## $ oty_avg_annual_pay_pct_chg          <dbl> -0.5, -4.0, -4.0, -4.1, -4.1, -4.1~
## Fips loop: 1.061 sec elapsed
## [1] "'Middle' loop with FIPS = 26121"

## Rows: 418 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 418
## Columns: 43
## $ area_fips                         <dbl> 26121, 26121, 26121, 26121, 26121,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Muskegon County, Michigan", "Musk~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 3096, 19, 19, 9, 1, 9, 9, 9, 9, 9,~
## $ annual_avg_emplvl                 <dbl> 58408, 387, 387, 292, 11, 85, 292,~
## $ total_annual_wages                <dbl> 1518835871, 14143771, 14143771, 10~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 500, 703, 703, 661, 732, 845, 661,~
## $ avg_annual_pay                    <dbl> 26004, 36571, 36571, 34369, 38087,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.86, 0.87, 1.11, 1.92, 0.76~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.26, 0.27, 0.60, 0.34, 0.11~
## $ lq_total_annual_wages             <dbl> 1.00, 0.27, 0.27, 0.63, 0.36, 0.13~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.03, 1.03, 1.05, 1.12, 1.17~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.03, 1.03, 1.05, 1.12, 1.18~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 113, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.8, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> 2109, -1, -1, 4, 0, -4, 4, 4, 4, 4~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 3.7, -0.3, -0.3, 1.4, 0.0, -4.5, 1~
## $ oty_total_annual_wages_chg        <dbl> 97752333, -547449, -547449, -28936~
## $ oty_total_annual_wages_pct_chg    <dbl> 6.9, -3.7, -3.7, -2.8, -14.2, -4.9~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 15, -25, -25, -28, -59, 2, -28, -2~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.1, -3.4, -3.4, -4.1, -7.5, 0.2, ~
## $ oty_avg_annual_pay_chg            <dbl> 762, -1277, -1277, -1485, -3039, 1~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.0, -3.4, -3.4, -4.1, -7.4, 0.2, ~
## Fips loop: 1.269 sec elapsed
## [1] "'Middle' loop with FIPS = 26127"
```

```
## Rows: 129 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 129
## Columns: 43
## $ area_fips                        <dbl> 26127, 26127, 26127, 26127, 26127,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Oceana County, Michigan", "Oceana~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 637, 17, 17, 9, 8, 9, 9, 9, 9, 9, ~
## $ annual_avg_emplvl                <dbl> 6451, 62, 62, 52, 10, 52, 52, 52, ~
## $ total_annual_wages               <dbl> 114648487, 1809691, 1809691, 15198~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 342, 564, 564, 559, 587, 559, 559,~
## $ avg_annual_pay                   <dbl> 17772, 29307, 29307, 29088, 30509,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 3.75, 3.77, 5.39, 3.30, 5.52~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.38, 0.39, 0.97, 0.12, 1.06~
## $ lq_total_annual_wages            <dbl> 1.00, 0.45, 0.47, 1.27, 0.14, 1.35~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.21, 1.21, 1.30, 1.19, 1.27~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.21, 1.21, 1.30, 1.19, 1.27~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 15, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.4, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 345, 4, 4, 2, 2, 2, 2, 2, 2, 2, 2,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 5.7, 6.9, 6.9, 4.0, 25.0, 4.0, 4.0~
## $ oty_total_annual_wages_chg       <dbl> 7334789, 85745, 85745, 56539, 2920~
## $ oty_total_annual_wages_pct_chg   <dbl> 6.8, 5.0, 5.0, 3.9, 11.2, 3.9, 3.9~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 4, -4, -4, -1, -33, -1, -1, -1, -1~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 1.2, -0.7, -0.7, -0.2, -5.3, -0.2,~
```

```
## $ oty_avg_annual_pay_chg                    <dbl> 198, -246, -246, -33, -1734, -33, ~
## $ oty_avg_annual_pay_pct_chg                <dbl> 1.1, -0.8, -0.8, -0.1, -5.4, -0.1,~
## Fips loop: 0.472 sec elapsed
## [1] "'Middle' loop with FIPS = 26131"

## Rows: 66 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 66
## Columns: 43
## $ area_fips                          <dbl> 26131, 26131, 26131, 26131, 26131,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Ontonagon County, Michigan", "Ont~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 248, 12, 12, 6, 5, 6, 6, 6, 6, 6, ~
## $ annual_avg_emplvl                  <dbl> 3280, 75, 75, 31, 41, 31, 31, 31, ~
## $ total_annual_wages                 <dbl> 82932882, 1954949, 1954949, 724862~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 486, 498, 498, 455, 534, 455, 455,~
## $ avg_annual_pay                     <dbl> 25283, 25922, 25922, 23637, 27774,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 6.80, 6.83, 9.22, 5.29, 9.46~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.89, 0.92, 1.14, 0.97, 1.24~
## $ lq_total_annual_wages              <dbl> 1.00, 0.68, 0.70, 0.84, 0.74, 0.89~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.75, 0.75, 0.74, 0.76, 0.73~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.75, 0.75, 0.74, 0.76, 0.73~
## $ oty_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 16, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 6.9, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg          <dbl> -74, -2, -2, 1, -2, 1, 1, 1, 1, 1,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> -2.2, -2.6, -2.6, 3.3, -4.7, 3.3, ~
## $ oty_total_annual_wages_chg         <dbl> 7506630, -187148, -187148, -647, -~
## $ oty_total_annual_wages_pct_chg     <dbl> 10.0, -8.7, -8.7, -0.1, -14.2, -0.~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 54, -35, -35, -9, -63, -9, -9, -9,~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 12.5, -6.6, -6.6, -1.9, -10.6, -1.~
## $ oty_avg_annual_pay_chg              <dbl> 2793, -1807, -1807, -480, -3270, -~
## $ oty_avg_annual_pay_pct_chg          <dbl> 12.4, -6.5, -6.5, -2.0, -10.5, -2.~
## Fips loop: 0.351 sec elapsed
## [1] "'Middle' loop with FIPS = 26139"

## Rows: 613 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 613
## Columns: 43
## $ area_fips                       <dbl> 26139, 26139, 26139, 26139, 26139,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Ottawa County, Michigan", "Ottawa~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 4700, 36, 36, 16, 1, 18, 16, 16, 1~
## $ annual_avg_emplvl               <dbl> 102408, 489, 489, 432, 0, 50, 432,~
## $ total_annual_wages              <dbl> 2683349269, 16575139, 16575139, 14~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 504, 652, 652, 640, 0, 778, 640, 6~
## $ avg_annual_pay                  <dbl> 26203, 33925, 33925, 33261, 0, 404~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 1.08, 1.08, 1.30, 1.26, 1.01~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.19, 0.19, 0.51, 0.00, 0.04~
## $ lq_total_annual_wages           <dbl> 1.00, 0.18, 0.18, 0.51, 0.00, 0.04~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 0.95, 0.95, 1.01, 0.00, 1.07~
## $ lq_avg_annual_pay               <dbl> 1.00, 0.95, 0.95, 1.01, 0.00, 1.07~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 252, 2, 2, 1, 0, 1, 1, 1, 1, 1, 1,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.7, 5.9, 5.9, 6.7, 0.0, 5.9, 6.7,~
## $ oty_annual_avg_emplvl_chg       <dbl> 7024, 31, 31, 32, 0, -1, 32, 32, 3~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 7.4, 6.8, 6.8, 8.0, 0.0, -2.0, 8.0~
```

```
## $ oty_total_annual_wages_chg          <dbl> 235750213, 26196, 26196, 167879, 0~
## $ oty_total_annual_wages_pct_chg      <dbl> 9.6, 0.2, 0.2, 1.2, 0.0, -3.8, 1.2~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 11, -43, -43, -43, 0, -21, -43, -4~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 2.2, -6.2, -6.2, -6.3, 0.0, -2.6, ~
## $ oty_avg_annual_pay_chg              <dbl> 543, -2221, -2221, -2265, 0, -1071~
## $ oty_avg_annual_pay_pct_chg          <dbl> 2.1, -6.1, -6.1, -6.4, 0.0, -2.6, ~
## Fips loop: 1.773 sec elapsed
## [1] "'Middle' loop with FIPS = 26141"

## Rows: 87 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 87
## Columns: 43
## $ area_fips                   <dbl> 26141, 26141, 26141, 26141, 26141,~
## $ own_code                    <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code               <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                 <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                        <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                         <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                  <chr> "Presque Isle County, Michigan", "~
## $ own_title                   <chr> "Total Covered", "Federal Governme~
## $ industry_title              <chr> "Total, all industries", "Total, a~
## $ agglvl_title                <chr> "County, Total Covered", "County, ~
## $ size_title                  <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count     <dbl> 416, 16, 16, 6, 10, 6, 6, 6, 6, 6,~
## $ annual_avg_emplvl           <dbl> 3290, 54, 54, 36, 18, 36, 36, 36, ~
## $ total_annual_wages          <dbl> 60721354, 1551755, 1551755, 106451~
## $ taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage        <dbl> 355, 554, 554, 571, 521, 571, 571,~
## $ avg_annual_pay              <dbl> 18456, 28825, 28825, 29707, 27069,~
## $ lq_disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count  <dbl> 1.00, 5.41, 5.43, 5.50, 6.31, 5.64~
## $ lq_annual_avg_emplvl        <dbl> 1.00, 0.64, 0.66, 1.32, 0.43, 1.43~
## $ lq_total_annual_wages       <dbl> 1.00, 0.73, 0.75, 1.69, 0.43, 1.78~
## $ lq_taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage     <dbl> 1.00, 1.15, 1.15, 1.28, 1.02, 1.25~
## $ lq_avg_annual_pay           <dbl> 1.00, 1.15, 1.15, 1.28, 1.02, 1.25~
## $ oty_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg      <dbl> 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 0.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> -157, -2, -2, 0, -1, 0, 0, 0, 0, 0~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> -4.6, -3.6, -3.6, 0.0, -5.3, 0.0, ~
## $ oty_total_annual_wages_chg           <dbl> -5709076, -30805, -30805, 20745, -~
## $ oty_total_annual_wages_pct_chg       <dbl> -8.6, -1.9, -1.9, 2.0, -9.6, 2.0, ~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> -16, 6, 6, 20, -22, 20, 20, 20, 20~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> -4.3, 1.1, 1.1, 3.6, -4.1, 3.6, 3.~
## $ oty_avg_annual_pay_chg               <dbl> -815, 310, 310, 1045, -1164, 1045,~
## $ oty_avg_annual_pay_pct_chg           <dbl> -4.2, 1.1, 1.1, 3.6, -4.1, 3.6, 3.~
## Fips loop: 0.42 sec elapsed
## [1] "'Middle' loop with FIPS = 26147"

## Rows: 414 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 414
## Columns: 43
## $ area_fips                  <dbl> 26147, 26147, 26147, 26147, 26147,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "St. Clair County, Michigan", "St.~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count    <dbl> 3084, 37, 37, 18, 17, 18, 18, 18, ~
## $ annual_avg_emplvl          <dbl> 46512, 443, 443, 312, 129, 312, 31~
## $ total_annual_wages         <dbl> 1164781271, 16371564, 16371564, 10~
## $ taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage       <dbl> 482, 711, 711, 639, 882, 639, 639,~
## $ avg_annual_pay             <dbl> 25042, 36949, 36949, 33249, 45871,~
## $ lq_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 1.69, 1.69, 2.22, 1.45, 2.28~
## $ lq_annual_avg_emplvl       <dbl> 1.00, 0.37, 0.38, 0.81, 0.22, 0.88~
## $ lq_total_annual_wages      <dbl> 1.00, 0.40, 0.41, 0.85, 0.28, 0.90~
## $ lq_taxable_annual_wages    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 1.08, 1.08, 1.05, 1.27, 1.03~
## $ lq_avg_annual_pay                    <dbl> 1.00, 1.08, 1.08, 1.06, 1.27, 1.03~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 250, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 8.8, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> 1889, 18, 18, 18, 3, 18, 18, 18, 1~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 4.2, 4.2, 4.2, 6.1, 2.4, 6.1, 6.1,~
## $ oty_total_annual_wages_chg           <dbl> 56561599, 517700, 517700, 190998, ~
## $ oty_total_annual_wages_pct_chg       <dbl> 5.1, 3.3, 3.3, 1.9, 6.1, 1.9, 1.9,~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 4, -7, -7, -26, 30, -26, -26, -26,~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 0.8, -1.0, -1.0, -3.9, 3.5, -3.9, ~
## $ oty_avg_annual_pay_chg               <dbl> 207, -391, -391, -1310, 1568, -131~
## $ oty_avg_annual_pay_pct_chg           <dbl> 0.8, -1.0, -1.0, -3.8, 3.5, -3.8, ~
## Fips loop: 1.203 sec elapsed
## [1] "'Middle' loop with FIPS = 26151"

## Rows: 170 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 170
## Columns: 43
## $ area_fips                 <dbl> 26151, 26151, 26151, 26151, 26151,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Sanilac County, Michigan", "Sanil~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 958, 21, 21, 13, 7, 13, 13, 13, 13~
## $ annual_avg_emplvl         <dbl> 12127, 118, 118, 99, 16, 99, 99, 9~
## $ total_annual_wages        <dbl> 252317332, 3316723, 3316723, 28624~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage      <dbl> 400, 543, 543, 556, 455, 556, 556,~
## $ avg_annual_pay            <dbl> 20807, 28227, 28227, 28890, 23681,~
## $ lq_disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 3.08, 3.10, 5.17, 1.92, 5.31~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.38, 0.39, 0.99, 0.10, 1.07~
## $ lq_total_annual_wages           <dbl> 1.00, 0.38, 0.39, 1.09, 0.08, 1.15~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.00, 1.00, 1.10, 0.79, 1.08~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.00, 1.00, 1.10, 0.79, 1.08~
## $ oty_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 60, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 6.7, 5.0, 5.0, 8.3, 0.0, 8.3, 8.3,~
## $ oty_annual_avg_emplvl_chg       <dbl> 873, 4, 4, 5, 1, 5, 5, 5, 5, 5, 1,~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 7.8, 3.5, 3.5, 5.3, 6.7, 5.3, 5.3~
## $ oty_total_annual_wages_chg      <dbl> 22225729, -11865, -11865, 14803, -~
## $ oty_total_annual_wages_pct_chg  <dbl> 9.7, -0.4, -0.4, 0.5, -3.0, 0.5, 0~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 7, -19, -19, -26, -54, -26, -26, -~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 1.8, -3.4, -3.4, -4.5, -10.6, -4.5~
## $ oty_avg_annual_pay_chg          <dbl> 362, -992, -992, -1351, -2800, -13~
## $ oty_avg_annual_pay_pct_chg      <dbl> 1.8, -3.4, -3.4, -4.5, -10.6, -4.5~
## Fips loop: 0.596 sec elapsed
## [1] "'Middle' loop with FIPS = 26153"

## Rows: 63 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 63
## Columns: 43
## $ area_fips              <dbl> 26153, 26153, 26153, 26153, 26153,~
## $ own_code               <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code          <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code            <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                   <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                    <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title             <chr> "Schoolcraft County, Michigan", "S~
## $ own_title              <chr> "Total Covered", "Federal Governme~
## $ industry_title         <chr> "Total, all industries", "Total, a~
## $ agglvl_title           <chr> "County, Total Covered", "County, ~
## $ size_title             <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count <dbl> 260, 7, 7, 3, 4, 3, 3, 3, 3, 3, 4,~
## $ annual_avg_emplvl      <dbl> 2415, 59, 59, 24, 35, 24, 24, 24, ~
## $ total_annual_wages     <dbl> 50013458, 1565685, 1565685, 658994~
## $ taxable_annual_wages   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                 <dbl> 398, 514, 514, 526, 505, 526, 526,~
## $ avg_annual_pay                       <dbl> 20710, 26726, 26726, 27363, 26281,~
## $ lq_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count           <dbl> 1.00, 3.79, 3.80, 4.40, 4.04, 4.51~
## $ lq_annual_avg_emplvl                 <dbl> 1.00, 0.95, 0.98, 1.20, 1.13, 1.30~
## $ lq_total_annual_wages                <dbl> 1.00, 0.90, 0.92, 1.27, 0.98, 1.34~
## $ lq_taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 0.95, 0.95, 1.05, 0.88, 1.02~
## $ lq_avg_annual_pay                    <dbl> 1.00, 0.95, 0.95, 1.05, 0.88, 1.02~
## $ oty_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 3.6, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> 100, 0, 0, 2, -1, 2, 2, 2, 2, 2, -~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 4.3, 0.0, 0.0, 9.1, -2.8, 9.1, 9.1~
## $ oty_total_annual_wages_chg           <dbl> 3990292, -156872, -156872, 10018, ~
## $ oty_total_annual_wages_pct_chg       <dbl> 8.7, -9.1, -9.1, 1.5, -15.5, 1.5, ~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 16, -51, -51, -35, -63, -35, -35, ~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 4.2, -9.0, -9.0, -6.2, -11.1, -6.2~
## $ oty_avg_annual_pay_chg               <dbl> 831, -2678, -2678, -1804, -3267, -~
## $ oty_avg_annual_pay_pct_chg           <dbl> 4.2, -9.1, -9.1, -6.2, -11.1, -6.2~
## Fips loop: 0.326 sec elapsed
## [1] "'Middle' loop with FIPS = 26157"

## Rows: 169 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 169
## Columns: 43
## $ area_fips                            <dbl> 26157, 26157, 26157, 26157, 26157,~
## $ own_code                             <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                        <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                          <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                 <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                  <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                      <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                           <chr> "Tuscola County, Michigan", "Tusco~
## $ own_title                            <chr> "Total Covered", "Federal Governme~
## $ industry_title                       <chr> "Total, all industries", "Total, a~
## $ agglvl_title                         <chr> "County, Total Covered", "County, ~
## $ size_title                           <chr> "All establishment sizes", "All es~
```

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```
## $ annual_avg_estabs_count            <dbl> 1013, 21, 21, 15, 1, 5, 15, 15, 15~
## $ annual_avg_emplvl                  <dbl> 13697, 143, 143, 118, 12, 13, 118,~
## $ total_annual_wages                 <dbl> 292158615, 4282909, 4282909, 35143~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 410, 576, 576, 574, 607, 563, 574,~
## $ avg_annual_pay                     <dbl> 21331, 29933, 29933, 29846, 31544,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 2.91, 2.93, 5.64, 4.01, 1.30~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.41, 0.42, 1.04, 3.71, 0.07~
## $ lq_total_annual_wages              <dbl> 1.00, 0.42, 0.43, 1.16, 3.19, 0.07~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.03, 1.03, 1.11, 0.86, 0.95~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.03, 1.03, 1.11, 0.86, 0.95~
## $ oty_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 54, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.6, 5.0, 5.0, 7.1, 0.0, 0.0, 7.1,~
## $ oty_annual_avg_emplvl_chg          <dbl> 717, -4, -4, -1, -2, -1, -1, -1, -~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 5.5, -2.7, -2.7, -0.8, -14.3, -7.1~
## $ oty_total_annual_wages_chg         <dbl> 20512577, -66038, -66038, -85148, ~
## $ oty_total_annual_wages_pct_chg     <dbl> 7.6, -1.5, -1.5, -2.4, 8.5, -2.7, ~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 8, 6, 6, -10, 128, 22, -10, -10, -~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 2.0, 1.1, 1.1, -1.7, 26.7, 4.1, -1~
## $ oty_avg_annual_pay_chg             <dbl> 403, 298, 298, -530, 6634, 1132, -~
## $ oty_avg_annual_pay_pct_chg         <dbl> 1.9, 1.0, 1.0, -1.7, 26.6, 4.0, -1~
## Fips loop: 0.586 sec elapsed
## [1] "'Middle' loop with FIPS = 26159"

## Rows: 211 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 211
## Columns: 43
## $ area_fips                          <dbl> 26159, 26159, 26159, 26159, 26159,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Van Buren County, Michigan", "Van~
```

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## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 1356, 27, 27, 15, 11, 15, 15, 15, ~
## $ annual_avg_emplvl                  <dbl> 19970, 165, 165, 148, 12, 148, 148~
## $ total_annual_wages                 <dbl> 460427678, 5062802, 5062802, 45127~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 443, 590, 590, 588, 604, 588, 588,~
## $ avg_annual_pay                     <dbl> 23056, 30668, 30668, 30578, 31403,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 2.80, 2.81, 4.22, 2.13, 4.32~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.32, 0.33, 0.90, 0.05, 0.97~
## $ lq_total_annual_wages              <dbl> 1.00, 0.32, 0.32, 0.94, 0.04, 1.00~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.98, 0.98, 1.05, 0.95, 1.03~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.98, 0.98, 1.05, 0.95, 1.03~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 43, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.3, 8.0, 8.0, 7.1, 10.0, 7.1, 7.1~
## $ oty_annual_avg_emplvl_chg          <dbl> 916, 3, 3, 5, 0, 5, 5, 5, 5, 5, 0,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 4.8, 1.9, 1.9, 3.5, 0.0, 3.5, 3.5,~
## $ oty_total_annual_wages_chg         <dbl> 39527585, -11574, -11574, 33879, 1~
## $ oty_total_annual_wages_pct_chg     <dbl> 9.4, -0.2, -0.2, 0.8, 2.8, 0.8, 0.~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 18, -11, -11, -14, 12, -14, -14, -~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 4.2, -1.8, -1.8, -2.3, 2.0, -2.3, ~
## $ oty_avg_annual_pay_chg             <dbl> 966, -591, -591, -707, 644, -707, ~
## $ oty_avg_annual_pay_pct_chg         <dbl> 4.4, -1.9, -1.9, -2.3, 2.1, -2.3, ~
## Fips loop: 0.7 sec elapsed
## [1] "'Middle' loop with FIPS = 26163"

## Rows: 1295 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,295
## Columns: 43
## $ area_fips                          <dbl> 26163, 26163, 26163, 26163, 26163,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                          <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                           <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                    <chr> "Wayne County, Michigan", "Wayne C~
## $ own_title                     <chr> "Total Covered", "Federal Governme~
## $ industry_title                <chr> "Total, all industries", "Total, a~
## $ agglvl_title                  <chr> "County, Total Covered", "County, ~
## $ size_title                    <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count       <dbl> 33733, 98, 98, 25, 1, 2, 1, 1, 68,~
## $ annual_avg_emplvl             <dbl> 839944, 17449, 17449, 9290, 15, 5,~
## $ total_annual_wages            <dbl> 29868905531, 689286303, 689286303,~
## $ taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage          <dbl> 684, 760, 760, 691, 1056, 965, 846~
## $ avg_annual_pay                <dbl> 35561, 39504, 39504, 35915, 54893,~
## $ lq_disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count    <dbl> 1.00, 0.41, 0.41, 0.28, 0.12, 0.35~
## $ lq_annual_avg_emplvl          <dbl> 1.00, 0.81, 0.83, 1.34, 0.08, 0.01~
## $ lq_total_annual_wages         <dbl> 1.00, 0.66, 0.68, 1.07, 0.07, 0.01~
## $ lq_taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage       <dbl> 1.00, 0.82, 0.82, 0.80, 0.90, 1.08~
## $ lq_avg_annual_pay             <dbl> 1.00, 0.82, 0.82, 0.80, 0.90, 1.08~
## $ oty_disclosure_code           <chr> NA, NA, NA, NA, NA, NA, NA, "N", N~
## $ oty_annual_avg_estabs_count_chg <dbl> 741, 4, 4, 0, 0, 0, 0, 0, 3, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.2, 4.3, 4.3, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg     <dbl> 5763, 317, 317, 408, -1, -6, 42, 0~
## $ oty_annual_avg_emplvl_pct_chg <dbl> 0.7, 1.9, 1.9, 4.6, -6.2, -54.5, 2~
## $ oty_total_annual_wages_chg    <dbl> 1594531982, 8741586, 8741586, -266~
## $ oty_total_annual_wages_pct_chg <dbl> 5.6, 1.3, 1.3, -0.1, -4.9, -44.4, ~
## $ oty_taxable_annual_wages_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg  <dbl> 32, -4, -4, -32, 25, 225, -20, 0, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 4.9, -0.5, -0.5, -4.4, 2.4, 30.4, ~
## $ oty_avg_annual_pay_chg        <dbl> 1666, -219, -219, -1680, 1298, 116~
## $ oty_avg_annual_pay_pct_chg    <dbl> 4.9, -0.6, -0.6, -4.5, 2.4, 30.4, ~
## Fips loop: 2.794 sec elapsed
## [1] "'Middle' loop with FIPS = 27031"

## Rows: 71 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 71
## Columns: 43
## $ area_fips                     <dbl> 27031, 27031, 27031, 27031, 27031,~
```

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```
## $ own_code                               <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                          <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                            <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                   <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                    <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                             <chr> "Cook County, Minnesota", "Cook Co~
## $ own_title                              <chr> "Total Covered", "Federal Governme~
## $ industry_title                         <chr> "Total, all industries", "Total, a~
## $ agglvl_title                           <chr> "County, Total Covered", "County, ~
## $ size_title                             <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count                <dbl> 246, 12, 12, 4, 2, 6, 4, 4, 4, 4, ~
## $ annual_avg_emplvl                      <dbl> 2437, 114, 114, 12, 19, 83, 12, 12~
## $ total_annual_wages                     <dbl> 41871673, 3443329, 3443329, 300170~
## $ taxable_annual_wages                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                   <dbl> 330, 579, 579, 465, 421, 633, 465,~
## $ avg_annual_pay                         <dbl> 17181, 30117, 30117, 24175, 21916,~
## $ lq_disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count             <dbl> 1.00, 6.86, 6.89, 6.20, 57.51, 6.4~
## $ lq_annual_avg_emplvl                   <dbl> 1.00, 1.83, 1.88, 0.60, 15.16, 2.6~
## $ lq_total_annual_wages                  <dbl> 1.00, 2.36, 2.43, 0.69, 27.57, 3.5~
## $ lq_taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage                <dbl> 1.00, 1.29, 1.29, 1.12, 1.80, 1.33~
## $ lq_avg_annual_pay                      <dbl> 1.00, 1.29, 1.29, 1.12, 1.80, 1.33~
## $ oty_disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg        <dbl> 9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg    <dbl> 3.8, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg              <dbl> 97, 5, 5, -1, 1, 5, -1, -1, -1, -1~
## $ oty_annual_avg_emplvl_pct_chg          <dbl> 4.1, 4.6, 4.6, -7.7, 5.6, 6.4, -7.~
## $ oty_total_annual_wages_chg             <dbl> 2179541, 258572, 258572, -20192, -~
## $ oty_total_annual_wages_pct_chg         <dbl> 5.5, 8.1, 8.1, -6.3, -1.8, 11.7, -~
## $ oty_taxable_annual_wages_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg           <dbl> 4, 16, 16, -6, -40, 31, -6, -6, -6~
## $ oty_annual_avg_wkly_wage_pct_chg       <dbl> 1.2, 2.8, 2.8, -1.3, -8.7, 5.1, -1~
## $ oty_avg_annual_pay_chg                 <dbl> 221, 832, 832, -311, -2059, 1599, ~
## $ oty_avg_annual_pay_pct_chg             <dbl> 1.3, 2.8, 2.8, -1.3, -8.6, 5.1, -1~
## Fips loop: 0.44 sec elapsed
## [1] "'Middle' loop with FIPS = 27075"

## Rows: 67 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 67
## Columns: 43
## $ area_fips                           <dbl> 27075, 27075, 27075, 27075, 27075,~
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                       <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                          <chr> "Lake County, Minnesota", "Lake Co~
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 292, 5, 5, 4, 1, 4, 4, 4, 4, 4, 1,~
## $ annual_avg_emplvl                   <dbl> 3785, 33, 33, 23, 10, 23, 23, 23, ~
## $ total_annual_wages                  <dbl> 87996414, 858318, 858318, 769681, ~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 447, 508, 508, 648, 176, 648, 648,~
## $ avg_annual_pay                      <dbl> 23250, 26410, 26410, 33709, 9169, ~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 2.41, 2.42, 5.22, 0.90, 5.36~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 0.34, 0.35, 0.73, 0.21, 0.80~
## $ lq_total_annual_wages               <dbl> 1.00, 0.28, 0.29, 0.84, 0.05, 0.89~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 0.83, 0.83, 1.15, 0.27, 1.12~
## $ lq_avg_annual_pay                   <dbl> 1.00, 0.83, 0.83, 1.15, 0.27, 1.12~
## $ oty_disclosure_code                 <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg           <dbl> 80, 2, 2, 2, 0, 2, 2, 2, 2, 2, 0, ~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 2.2, 6.5, 6.5, 9.5, 0.0, 9.5, 9.5,~
## $ oty_total_annual_wages_chg          <dbl> 5713919, 96913, 96913, 91539, 5374~
## $ oty_total_annual_wages_pct_chg      <dbl> 6.9, 12.7, 12.7, 13.5, 6.5, 13.5, ~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 20, 32, 32, 29, 10, 29, 29, 29, 29~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 4.7, 6.7, 6.7, 4.7, 6.0, 4.7, 4.7,~
## $ oty_avg_annual_pay_chg              <dbl> 1043, 1649, 1649, 1544, 556, 1544,~
## $ oty_avg_annual_pay_pct_chg          <dbl> 4.7, 6.7, 6.7, 4.8, 6.5, 4.8, 4.8,~
## Fips loop: 0.314 sec elapsed
## [1] "'Middle' loop with FIPS = 27137"

## Rows: 623 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (9): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (1): disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 623
## Columns: 43
## $ area_fips                      <dbl> 27137, 27137, 27137, 27137, 27137,~
## $ own_code                       <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                  <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                    <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "St. Louis County, Minnesota", "St~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 5544, 72, 72, 25, 2, 1, 44, 25, 2,~
## $ annual_avg_emplvl              <dbl> 86715, 1678, 1678, 740, 6, 15, 917~
## $ total_annual_wages             <dbl> 2051871455, 57526867, 57526867, 24~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 455, 659, 659, 625, 525, 803, 685,~
## $ avg_annual_pay                 <dbl> 23662, 34276, 34276, 32503, 27302,~
## $ lq_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 1.83, 1.83, 1.72, 1.47, 1.07~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 0.76, 0.78, 1.03, 0.29, 0.31~
## $ lq_total_annual_wages          <dbl> 1.00, 0.80, 0.83, 1.13, 0.20, 0.43~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 1.06, 1.06, 1.09, 0.67, 1.35~
## $ lq_avg_annual_pay              <dbl> 1.00, 1.06, 1.06, 1.09, 0.67, 1.35~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 60, 3, 3, 1, 0, 0, 1, 1, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.1, 4.3, 4.3, 4.2, 0.0, 0.0, 2.3,~
## $ oty_annual_avg_emplvl_chg      <dbl> 2348, 88, 88, 89, -1, 6, -6, 89, 0~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> 2.8, 5.5, 5.5, 13.7, -14.3, 66.7, ~
## $ oty_total_annual_wages_chg     <dbl> 106307221, 656012, 656012, 1478028~
## $ oty_total_annual_wages_pct_chg <dbl> 5.5, 1.2, 1.2, 6.5, -6.5, 97.2, -3~
## $ oty_taxable_annual_wages_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg   <dbl> 12, -29, -29, -42, 6, 128, -19, -4~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.7, -4.2, -4.2, -6.3, 1.2, 19.0, ~
## $ oty_avg_annual_pay_chg         <dbl> 601, -1503, -1503, -2187, 311, 664~
## $ oty_avg_annual_pay_pct_chg     <dbl> 2.6, -4.2, -4.2, -6.3, 1.2, 19.0, ~
## Fips loop: 1.82 sec elapsed
## [1] "'Middle' loop with FIPS = 28045"
```

```
## Rows: 182 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 182
## Columns: 43
## $ area_fips                         <dbl> 28045, 28045, 28045, 28045, 28045,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Hancock County, Mississippi", "Ha~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 654, 22, 22, 6, 3, 12, 6, 6, 6, 6,~
## $ annual_avg_emplvl                 <dbl> 11733, 1589, 1589, 57, 435, 1096, ~
## $ total_annual_wages                <dbl> 286615896, 65592752, 65592752, 174~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 470, 794, 794, 588, 802, 801, 588,~
## $ avg_annual_pay                    <dbl> 24428, 41271, 41271, 30562, 41714,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 4.73, 4.75, 3.50, 27.26, 4.8~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 5.29, 5.43, 0.59, 67.28, 7.2~
## $ lq_total_annual_wages             <dbl> 1.00, 6.57, 6.75, 0.59, 87.67, 8.6~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.24, 1.24, 0.99, 1.30, 1.18~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.24, 1.24, 0.99, 1.30, 1.19~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 23, 2, 2, 1, 0, 1, 1, 1, 1, 1, 1, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.6, 10.0, 10.0, 20.0, 0.0, 9.1, 2~
## $ oty_annual_avg_emplvl_chg         <dbl> -414, -96, -96, 7, -68, -33, 7, 7,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> -3.4, -5.7, -5.7, 14.0, -13.5, -2.~
## $ oty_total_annual_wages_chg        <dbl> -17089607, -5694418, -5694418, -10~
## $ oty_total_annual_wages_pct_chg    <dbl> -5.6, -8.0, -8.0, -0.6, -16.3, -4.~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> -11, -20, -20, -87, -26, -13, -87,~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> -2.3, -2.5, -2.5, -12.9, -3.1, -1.~
```

```
## $ oty_avg_annual_pay_chg               <dbl> -574, -1040, -1040, -4527, -1352, ~
## $ oty_avg_annual_pay_pct_chg           <dbl> -2.3, -2.5, -2.5, -12.9, -3.1, -1.~
## Fips loop: 0.656 sec elapsed
## [1] "'Middle' loop with FIPS = 28047"

## Rows: 558 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 558
## Columns: 43
## $ area_fips                      <dbl> 28047, 28047, 28047, 28047, 28047,~
## $ own_code                       <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                  <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                    <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Harrison County, Mississippi", "H~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 4092, 43, 42, 9, 1, 3, 2, 1, 26, 9~
## $ annual_avg_emplvl              <dbl> 77030, 6631, 6630, 571, 3, 582, 17~
## $ total_annual_wages             <dbl> 1587277395, 214672693, 214652758, ~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 396, 623, 623, 714, 577, 179, 673,~
## $ avg_annual_pay                 <dbl> 20606, 32375, 32375, 37111, 30027,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 1.48, 1.45, 0.84, 0.99, 4.36~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 3.36, 3.45, 0.90, 0.16, 13.7~
## $ lq_total_annual_wages          <dbl> 1.00, 3.88, 3.99, 1.28, 0.14, 4.73~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 1.16, 1.16, 1.43, 0.85, 0.35~
## $ lq_avg_annual_pay              <dbl> 1.00, 1.15, 1.15, 1.43, 0.85, 0.35~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 102, -1, -1, 0, 0, 0, 0, 0, -1, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.6, -2.3, -2.3, 0.0, 0.0, 0.0, 0.~
## $ oty_annual_avg_emplvl_chg      <dbl> -1651, 3, 3, 36, -1, -40, 48, 7, -~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> -2.1, 0.0, 0.0, 6.7, -25.0, -6.4, ~
## $ oty_total_annual_wages_chg     <dbl> 9103171, 11512652, 11522890, 36812~
## $ oty_total_annual_wages_pct_chg <dbl> 0.6, 5.7, 5.7, 1.8, -13.3, -2.2, 3~
## $ oty_taxable_annual_wages_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 10, 34, 34, -34, 88, 8, 7, 0, 55, ~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 2.6, 5.8, 5.8, -4.5, 18.0, 4.7, 1.~
## $ oty_avg_annual_pay_chg              <dbl> 548, 1721, 1721, -1802, 4579, 409,~
## $ oty_avg_annual_pay_pct_chg          <dbl> 2.7, 5.6, 5.6, -4.6, 18.0, 4.6, 1.~
## Fips loop: 1.657 sec elapsed
## [1] "'Middle' loop with FIPS = 28059"

## Rows: 355 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 355
## Columns: 43
## $ area_fips                       <dbl> 28059, 28059, 28059, 28059, 28059,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Jackson County, Mississippi", "Ja~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 2136, 26, 25, 6, 5, 3, 10, 6, 6, 6~
## $ annual_avg_emplvl               <dbl> 48909, 771, 757, 160, 140, 37, 418~
## $ total_annual_wages              <dbl> 1275369414, 32638406, 32161729, 55~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 501, 815, 817, 666, 663, 415, 963,~
## $ avg_annual_pay                  <dbl> 26076, 42360, 42462, 34619, 34499,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 1.71, 1.65, 1.07, 13.91, 9.9~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.62, 0.62, 0.40, 5.19, 1.47~
## $ lq_total_annual_wages           <dbl> 1.00, 0.73, 0.74, 0.42, 5.25, 1.72~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.19, 1.20, 1.06, 1.01, 1.17~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.19, 1.20, 1.06, 1.01, 1.17~
## $ oty_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 13, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.6, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg       <dbl> -130, -31, -40, 2, -5, 1, -37, 2, ~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> -0.3, -3.9, -5.0, 1.3, -3.4, 2.8, ~
```

```
## $ oty_total_annual_wages_chg           <dbl> 25372045, 2537530, 2230239, 79570,~
## $ oty_total_annual_wages_pct_chg       <dbl> 2.0, 8.4, 7.5, 1.5, 0.4, -1.7, 11.~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 11, 93, 94, 1, 23, -17, 169, 1, 1,~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 2.2, 12.9, 13.0, 0.2, 3.6, -3.9, 2~
## $ oty_avg_annual_pay_chg               <dbl> 586, 4816, 4887, 29, 1235, -888, 8~
## $ oty_avg_annual_pay_pct_chg           <dbl> 2.3, 12.8, 13.0, 0.1, 3.7, -4.0, 2~
## Fips loop: 1.093 sec elapsed
## [1] "'Middle' loop with FIPS = 33015"

## Rows: 796 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (9): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (1): disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 796
## Columns: 43
## $ area_fips                  <dbl> 33015, 33015, 33015, 33015, 33015,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1022",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Rockingham County, New Hampshire"~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count    <dbl> 8712, 62, 61, 41, 1, 2, 16, 1, 1, ~
## $ annual_avg_emplvl          <dbl> 105188, 1260, 1255, 818, 2, 4, 431~
## $ total_annual_wages         <dbl> 2842487106, 43063661, 42990896, 27~
## $ taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage       <dbl> 520, 657, 659, 644, 1120, 565, 686~
## $ avg_annual_pay             <dbl> 27023, 34187, 34258, 33485, 58252,~
## $ lq_disclosure_code         <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 1.00, 0.99, 1.79, 11.37, 0.9~
## $ lq_annual_avg_emplvl       <dbl> 1.00, 0.47, 0.48, 0.94, 0.19, 0.16~
## $ lq_total_annual_wages      <dbl> 1.00, 0.43, 0.45, 0.93, 0.21, 0.10~
## $ lq_taxable_annual_wages    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage    <dbl> 1.00, 0.93, 0.93, 0.98, 1.30, 0.63~
## $ lq_avg_annual_pay          <dbl> 1.00, 0.93, 0.93, 0.98, 1.30, 0.63~
## $ oty_disclosure_code        <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg       <dbl> 549, 3, 3, 0, 0, 0, 3, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg   <dbl> 6.7, 5.1, 5.2, 0.0, 0.0, 0.0, 23.1~
## $ oty_annual_avg_emplvl_chg             <dbl> 6038, 73, 73, 12, 0, -1, 61, -5, -~
## $ oty_annual_avg_emplvl_pct_chg         <dbl> 6.1, 6.1, 6.2, 1.5, 0.0, -20.0, 16~
## $ oty_total_annual_wages_chg            <dbl> 369780624, 3730212, 3776387, 65038~
## $ oty_total_annual_wages_pct_chg        <dbl> 15.0, 9.5, 9.6, 2.4, -6.6, 19.9, 2~
## $ oty_taxable_annual_wages_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 40, 20, 21, 6, 151, 145, 48, -4, -~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 8.3, 3.1, 3.3, 0.9, 15.6, 34.5, 7.~
## $ oty_avg_annual_pay_chg                <dbl> 2084, 1059, 1091, 298, 7868, 7553,~
## $ oty_avg_annual_pay_pct_chg            <dbl> 8.4, 3.2, 3.3, 0.9, 15.6, 34.6, 7.~
## Fips loop: 2.269 sec elapsed
## [1] "'Middle' loop with FIPS = 33017"

## Rows: 382 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 382
## Columns: 43
## $ area_fips                    <dbl> 33017, 33017, 33017, 33017, 33017,~
## $ own_code                     <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                  <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                         <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                          <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                   <chr> "Strafford County, New Hampshire",~
## $ own_title                    <chr> "Total Covered", "Federal Governme~
## $ industry_title               <chr> "Total, all industries", "Total, a~
## $ agglvl_title                 <chr> "County, Total Covered", "County, ~
## $ size_title                   <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count      <dbl> 2402, 25, 24, 12, 12, 12, 12, 12, ~
## $ annual_avg_emplvl            <dbl> 41920, 321, 250, 221, 30, 221, 221~
## $ total_annual_wages           <dbl> 1035824543, 11952824, 8972279, 753~
## $ taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage         <dbl> 475, 717, 689, 657, 933, 657, 657,~
## $ avg_annual_pay               <dbl> 24709, 37285, 35853, 34155, 48523,~
## $ lq_disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count   <dbl> 1.00, 1.46, 1.41, 1.90, 1.31, 1.95~
## $ lq_annual_avg_emplvl         <dbl> 1.00, 0.30, 0.24, 0.64, 0.06, 0.69~
## $ lq_total_annual_wages        <dbl> 1.00, 0.33, 0.26, 0.70, 0.07, 0.74~
## $ lq_taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.11, 1.07, 1.10, 1.37, 1.07~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.11, 1.07, 1.10, 1.37, 1.07~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 172, 2, 2, 0, 2, 0, 0, 0, 0, 0, 2,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 7.7, 8.7, 9.1, 0.0, 20.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg          <dbl> 1636, -8, -10, -2, -7, -2, -2, -2,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 4.1, -2.4, -3.8, -0.9, -18.9, -0.9~
## $ oty_total_annual_wages_chg         <dbl> 53389059, 336300, 16742, 34147, -1~
## $ oty_total_annual_wages_pct_chg     <dbl> 5.4, 2.9, 0.2, 0.5, -1.2, 0.5, 0.5~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 6, 38, 26, 9, 181, 9, 9, 9, 9, 9, ~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 1.3, 5.6, 3.9, 1.4, 24.1, 1.4, 1.4~
## $ oty_avg_annual_pay_chg             <dbl> 321, 1967, 1387, 460, 9432, 460, 4~
## $ oty_avg_annual_pay_pct_chg         <dbl> 1.3, 5.6, 4.0, 1.4, 24.1, 1.4, 1.4~
## Fips loop: 1.182 sec elapsed
## [1] "'Middle' loop with FIPS = 34001"

## Rows: 577 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 577
## Columns: 43
## $ area_fips                          <dbl> 34001, 34001, 34001, 34001, 34001,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Atlantic County, New Jersey", "At~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 6036, 45, 45, 22, 1, 21, 21, 21, 2~
## $ annual_avg_emplvl                  <dbl> 133728, 2590, 2590, 586, 7, 1991, ~
## $ total_annual_wages                 <dbl> 3712650433, 127885823, 127885823, ~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 534, 950, 950, 675, 869, 1032, 682~
## $ avg_annual_pay                     <dbl> 27763, 49378, 49378, 35079, 45212,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 1.05, 1.05, 1.39, 0.98, 0.91~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.76, 0.78, 0.53, 0.09, 1.16~
## $ lq_total_annual_wages             <dbl> 1.00, 0.99, 1.02, 0.53, 0.12, 1.56~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.31, 1.31, 1.00, 1.24, 1.34~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.31, 1.31, 1.00, 1.24, 1.34~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 167, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.8, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> 2296, -68, -68, 13, -5, -76, 14, 1~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 1.7, -2.6, -2.6, 2.3, -41.7, -3.7,~
## $ oty_total_annual_wages_chg        <dbl> 165526213, 211934, 211934, -53731,~
## $ oty_total_annual_wages_pct_chg    <dbl> 4.7, 0.2, 0.2, -0.3, -33.7, 0.4, -~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 15, 26, 26, -17, 65, 42, -18, -18,~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 2.9, 2.8, 2.8, -2.5, 8.1, 4.2, -2.~
## $ oty_avg_annual_pay_chg            <dbl> 775, 1335, 1335, -909, 3420, 2174,~
## $ oty_avg_annual_pay_pct_chg        <dbl> 2.9, 2.8, 2.8, -2.5, 8.2, 4.2, -2.~
## Fips loop: 1.65 sec elapsed
## [1] "'Middle' loop with FIPS = 34003"

## Rows: 1216 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,216
## Columns: 43
## $ area_fips                <dbl> 34003, 34003, 34003, 34003, 34003,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Bergen County, New Jersey", "Berg~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 31482, 61, 61, 50, 11, 50, 50, 50,~
## $ annual_avg_emplvl        <dbl> 416171, 3420, 3420, 3157, 263, 315~
## $ total_annual_wages       <dbl> 15442145786, 132892723, 132892723,~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                 <dbl> 714, 747, 747, 737, 873, 737, 737,~
## $ avg_annual_pay                       <dbl> 37105, 38859, 38859, 38317, 45379,~
## $ lq_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count           <dbl> 1.00, 0.27, 0.27, 0.61, 0.09, 0.62~
## $ lq_annual_avg_emplvl                 <dbl> 1.00, 0.32, 0.33, 0.92, 0.05, 0.99~
## $ lq_total_annual_wages                <dbl> 1.00, 0.25, 0.25, 0.75, 0.04, 0.80~
## $ lq_taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 0.77, 0.77, 0.82, 0.85, 0.80~
## $ lq_avg_annual_pay                    <dbl> 1.00, 0.77, 0.77, 0.82, 0.85, 0.80~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 807, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 2.6, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> 3760, 68, 68, 77, -9, 77, 77, 77, ~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 0.9, 2.0, 2.0, 2.5, -3.3, 2.5, 2.5~
## $ oty_total_annual_wages_chg           <dbl> 705362471, -4959367, -4959367, -48~
## $ oty_total_annual_wages_pct_chg       <dbl> 4.8, -3.6, -3.6, -3.8, -1.2, -3.8,~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 27, -44, -44, -48, 21, -48, -48, -~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 3.9, -5.6, -5.6, -6.1, 2.5, -6.1, ~
## $ oty_avg_annual_pay_chg               <dbl> 1372, -2262, -2262, -2524, 1093, -~
## $ oty_avg_annual_pay_pct_chg           <dbl> 3.8, -5.5, -5.5, -6.2, 2.5, -6.2, ~
## Fips loop: 2.855 sec elapsed
## [1] "'Middle' loop with FIPS = 34005"

## Rows: 854 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 854
## Columns: 43
## $ area_fips                <dbl> 34005, 34005, 34005, 34005, 34005,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1022",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Burlington County, New Jersey", "~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
```

```
## $ annual_avg_estabs_count            <dbl> 9583, 80, 80, 34, 2, 2, 4, 2, 11, ~
## $ annual_avg_emplvl                  <dbl> 155944, 5623, 5623, 1556, 48, 41, ~
## $ total_annual_wages                 <dbl> 4749644602, 192815417, 192815417, ~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 586, 659, 659, 516, 579, 783, 825,~
## $ avg_annual_pay                     <dbl> 30457, 34289, 34289, 26815, 30113,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 1.17, 1.18, 1.35, 20.67, 0.8~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 1.41, 1.45, 1.21, 3.02, 1.11~
## $ lq_total_annual_wages              <dbl> 1.00, 1.16, 1.20, 0.84, 1.78, 0.87~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.83, 0.83, 0.70, 0.60, 0.78~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.83, 0.83, 0.70, 0.60, 0.78~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 311, -3, -3, 0, -1, 0, -1, 0, -1, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.4, -3.6, -3.6, 0.0, -33.3, 0.0, ~
## $ oty_annual_avg_emplvl_chg          <dbl> 2612, -64, -64, -15, -8, -3, -5, 1~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 1.7, -1.1, -1.1, -1.0, -14.3, -6.8~
## $ oty_total_annual_wages_chg         <dbl> 238893850, 11201158, 11201158, 215~
## $ oty_total_annual_wages_pct_chg     <dbl> 5.3, 6.2, 6.2, 0.5, -5.9, -3.2, -1~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 20, 45, 45, 8, 56, 29, 69, 3, -3, ~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 3.5, 7.3, 7.3, 1.6, 10.7, 3.8, 9.1~
## $ oty_avg_annual_pay_chg             <dbl> 1039, 2354, 2354, 398, 2894, 1521,~
## $ oty_avg_annual_pay_pct_chg         <dbl> 3.5, 7.4, 7.4, 1.5, 10.6, 3.9, 9.1~
## Fips loop: 2.521 sec elapsed
## [1] "'Middle' loop with FIPS = 34007"

## Rows: 879 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 879
## Columns: 43
## $ area_fips                          <dbl> 34007, 34007, 34007, 34007, 34007,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Camden County, New Jersey", "Camd~
```

```
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 12334, 52, 52, 27, 22, 27, 27, 27,~
## $ annual_avg_emplvl                  <dbl> 193207, 3329, 3329, 2811, 479, 281~
## $ total_annual_wages                 <dbl> 5778543643, 132828622, 132828622, ~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 575, 767, 767, 750, 879, 750, 750,~
## $ avg_annual_pay                     <dbl> 29909, 39897, 39897, 38981, 45729,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 0.59, 0.60, 0.83, 0.47, 0.86~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.67, 0.69, 1.76, 0.19, 1.91~
## $ lq_total_annual_wages              <dbl> 1.00, 0.66, 0.68, 1.82, 0.20, 1.93~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.98, 0.98, 1.04, 1.06, 1.01~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.98, 0.98, 1.04, 1.06, 1.01~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 344, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.9, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg          <dbl> 275, 4, 4, 12, -4, 12, 12, 12, 12,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 0.1, 0.1, 0.1, 0.4, -0.8, 0.4, 0.4~
## $ oty_total_annual_wages_chg         <dbl> 153123912, -705251, -705251, -2353~
## $ oty_total_annual_wages_pct_chg     <dbl> 2.7, -0.5, -0.5, -2.1, 8.6, -2.1, ~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 14, -5, -5, -19, 76, -19, -19, -19~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 2.5, -0.6, -0.6, -2.5, 9.5, -2.5, ~
## $ oty_avg_annual_pay_chg             <dbl> 752, -261, -261, -1008, 3960, -100~
## $ oty_avg_annual_pay_pct_chg         <dbl> 2.6, -0.6, -0.6, -2.5, 9.5, -2.5, ~
## Fips loop: 3.329 sec elapsed
## [1] "'Middle' loop with FIPS = 34009"

## Rows: 322 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 322
## Columns: 43
## $ area_fips                          <dbl> 34009, 34009, 34009, 34009, 34009,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Cape May County, New Jersey", "Ca~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 3887, 26, 26, 16, 1, 7, 16, 16, 16~
## $ annual_avg_emplvl                <dbl> 35484, 377, 377, 252, 1, 120, 252,~
## $ total_annual_wages               <dbl> 794890236, 13690350, 13690350, 885~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 431, 698, 698, 676, 788, 737, 676,~
## $ avg_annual_pay                   <dbl> 22401, 36290, 36290, 35146, 40982,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.94, 0.94, 1.57, 1.53, 0.47~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.42, 0.43, 0.86, 0.05, 0.26~
## $ lq_total_annual_wages            <dbl> 1.00, 0.49, 0.51, 1.07, 0.07, 0.31~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.19, 1.19, 1.25, 1.40, 1.19~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.19, 1.19, 1.25, 1.40, 1.19~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 44, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.1, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 570, 3, 3, 11, 0, -7, 11, 11, 11, ~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 1.6, 0.8, 0.8, 4.6, 0.0, -5.5, 4.6~
## $ oty_total_annual_wages_chg       <dbl> 19868543, 90610, 90610, 142123, 26~
## $ oty_total_annual_wages_pct_chg   <dbl> 2.6, 0.7, 0.7, 1.6, 7.0, -0.7, 1.6~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 4, -2, -2, -21, 51, 34, -21, -21, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 0.9, -0.3, -0.3, -3.0, 6.9, 4.8, -~
## $ oty_avg_annual_pay_chg           <dbl> 203, -113, -113, -1077, 2675, 1786~
## $ oty_avg_annual_pay_pct_chg       <dbl> 0.9, -0.3, -0.3, -3.0, 7.0, 4.9, -~
## Fips loop: 1.368 sec elapsed
## [1] "'Middle' loop with FIPS = 34011"

## Rows: 378 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 378
## Columns: 43
## $ area_fips                        <dbl> 34011, 34011, 34011, 34011, 34011,~
```

```
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                       <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                          <chr> "Cumberland County, New Jersey", "~
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 3077, 24, 24, 13, 1, 1, 9, 13, 13,~
## $ annual_avg_emplvl                   <dbl> 55582, 753, 753, 281, 5, 6, 462, 2~
## $ total_annual_wages                  <dbl> 1503785744, 30011145, 30011145, 99~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 520, 766, 766, 679, 629, 728, 821,~
## $ avg_annual_pay                      <dbl> 27055, 39847, 39847, 35326, 32727,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 1.10, 1.10, 1.61, 1.32, 2.30~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 0.53, 0.54, 0.61, 0.38, 0.21~
## $ lq_total_annual_wages               <dbl> 1.00, 0.57, 0.59, 0.63, 0.26, 0.38~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 1.08, 1.08, 1.04, 0.70, 1.98~
## $ lq_avg_annual_pay                   <dbl> 1.00, 1.08, 1.08, 1.04, 0.70, 1.98~
## $ oty_disclosure_code                 <chr> NA, NA, NA, NA, NA, "N", NA, NA, N~
## $ oty_annual_avg_estabs_count_chg     <dbl> 58, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.9, 4.3, 4.3, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg           <dbl> 717, 6, 6, 4, 0, 0, -3, 4, 4, 4, 4~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 1.3, 0.8, 0.8, 1.4, 0.0, 0.0, -0.6~
## $ oty_total_annual_wages_chg          <dbl> 50653082, 1340192, 1340192, -39680~
## $ oty_total_annual_wages_pct_chg      <dbl> 3.5, 4.7, 4.7, -0.4, 24.9, 0.0, 6.~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 11, 28, 28, -12, 108, 0, 53, -12, ~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 2.2, 3.8, 3.8, -1.7, 20.7, 0.0, 6.~
## $ oty_avg_annual_pay_chg              <dbl> 569, 1474, 1474, -600, 5616, 0, 27~
## $ oty_avg_annual_pay_pct_chg          <dbl> 2.1, 3.8, 3.8, -1.7, 20.7, 0.0, 6.~
## Fips loop: 1.321 sec elapsed
## [1] "'Middle' loop with FIPS = 34013"

## Rows: 1117 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,117
## Columns: 43
## $ area_fips                        <dbl> 34013, 34013, 34013, 34013, 34013,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Essex County, New Jersey", "Essex~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 20222, 59, 59, 17, 1, 2, 1, 38, 17~
## $ annual_avg_emplvl                <dbl> 352468, 9925, 9925, 4004, 5, 2281,~
## $ total_annual_wages               <dbl> 13043902585, 453467052, 453467052,~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 712, 879, 879, 749, 728, 980, 664,~
## $ avg_annual_pay                   <dbl> 37007, 45692, 45692, 38927, 37866,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.41, 0.41, 0.32, 0.29, 1.52~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 1.10, 1.13, 1.37, 0.03, 2.80~
## $ lq_total_annual_wages            <dbl> 1.00, 1.00, 1.03, 1.15, 0.02, 2.72~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.91, 0.91, 0.84, 0.78, 0.97~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.91, 0.91, 0.84, 0.78, 0.97~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 457, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.3, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 1524, -25, -25, -109, -1, 128, -2,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 0.4, -0.3, -0.3, -2.7, -16.7, 5.9,~
## $ oty_total_annual_wages_chg       <dbl> 539624557, -4117559, -4117559, -10~
## $ oty_total_annual_wages_pct_chg   <dbl> 4.3, -0.9, -0.9, -6.4, -31.0, 0.9,~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 27, -5, -5, -29, -117, -49, 78, 40~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.9, -0.6, -0.6, -3.7, -13.8, -4.8~
## $ oty_avg_annual_pay_chg           <dbl> 1377, -297, -297, -1536, -6060, -2~
## $ oty_avg_annual_pay_pct_chg       <dbl> 3.9, -0.6, -0.6, -3.8, -13.8, -4.8~
## Fips loop: 3.391 sec elapsed
## [1] "'Middle' loop with FIPS = 34015"

## Rows: 499 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 499
## Columns: 43
## $ area_fips                        <dbl> 34015, 34015, 34015, 34015, 34015,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Gloucester County, New Jersey", "~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 5221, 38, 38, 26, 10, 26, 26, 26, ~
## $ annual_avg_emplvl                <dbl> 78185, 534, 534, 473, 44, 473, 473~
## $ total_annual_wages               <dbl> 2114532520, 18766019, 18766019, 16~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 520, 675, 675, 674, 751, 674, 674,~
## $ avg_annual_pay                   <dbl> 27045, 35120, 35120, 35039, 39072,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 1.02, 1.03, 1.90, 0.50, 1.95~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.27, 0.27, 0.73, 0.04, 0.79~
## $ lq_total_annual_wages            <dbl> 1.00, 0.25, 0.26, 0.75, 0.04, 0.80~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.95, 0.95, 1.03, 1.00, 1.00~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.95, 0.95, 1.03, 1.00, 1.01~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 199, -1, -1, 0, -1, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.0, -2.6, -2.6, 0.0, -9.1, 0.0, 0~
## $ oty_annual_avg_emplvl_chg        <dbl> 2753, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 3.6, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_total_annual_wages_chg       <dbl> 115191078, -92389, -92389, -176827~
## $ oty_total_annual_wages_pct_chg   <dbl> 5.8, -0.5, -0.5, -1.1, 7.5, -1.1, ~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 10, -4, -4, -8, 56, -8, -8, -8, -8~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.0, -0.6, -0.6, -1.2, 8.1, -1.2, ~
## $ oty_avg_annual_pay_chg           <dbl> 540, -168, -168, -411, 2923, -411,~
## $ oty_avg_annual_pay_pct_chg       <dbl> 2.0, -0.5, -0.5, -1.2, 8.1, -1.2, ~
## Fips loop: 1.681 sec elapsed
## [1] "'Middle' loop with FIPS = 34017"
```

```
## Rows: 823 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 823
## Columns: 43
## $ area_fips                        <dbl> 34017, 34017, 34017, 34017, 34017,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Hudson County, New Jersey", "Huds~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 12719, 31, 31, 15, 1, 3, 10, 15, 1~
## $ annual_avg_emplvl                <dbl> 225116, 10497, 10497, 9992, 102, 3~
## $ total_annual_wages               <dbl> 7802472276, 398524773, 398524773, ~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 667, 730, 730, 729, 1369, 226, 619~
## $ avg_annual_pay                   <dbl> 34660, 37967, 37967, 37911, 71210,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.34, 0.34, 0.45, 0.32, 1.67~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 1.82, 1.87, 5.37, 1.92, 0.28~
## $ lq_total_annual_wages            <dbl> 1.00, 1.47, 1.51, 4.67, 2.28, 0.13~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.80, 0.80, 0.87, 1.20, 0.48~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.80, 0.81, 0.87, 1.20, 0.48~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 243, 0, 0, 0, 0, 0, -1, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.9, 0.0, 0.0, 0.0, 0.0, 0.0, -9.1~
## $ oty_annual_avg_emplvl_chg        <dbl> -21, 177, 177, 209, -23, -1, -5, 2~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 0.0, 1.7, 1.7, 2.1, -18.4, -3.0, -~
## $ oty_total_annual_wages_chg       <dbl> 395392075, -19966880, -19966880, -~
## $ oty_total_annual_wages_pct_chg   <dbl> 5.3, -4.8, -4.8, -4.5, -24.1, -1.3~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 34, -50, -50, -50, -96, 5, 16, -50~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 5.4, -6.4, -6.4, -6.4, -6.6, 2.3, ~
```

```
## $ oty_avg_annual_pay_chg                  <dbl> 1760, -2585, -2585, -2623, -4985, ~
## $ oty_avg_annual_pay_pct_chg              <dbl> 5.3, -6.4, -6.4, -6.5, -6.5, 2.0, ~
## Fips loop: 2.611 sec elapsed
## [1] "'Middle' loop with FIPS = 34023"

## Rows: 1050 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,050
## Columns: 43
## $ area_fips                             <dbl> 34023, 34023, 34023, 34023, 34023,~
## $ own_code                              <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                         <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                           <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                  <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                   <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                            <chr> "Middlesex County, New Jersey", "M~
## $ own_title                             <chr> "Total Covered", "Federal Governme~
## $ industry_title                        <chr> "Total, all industries", "Total, a~
## $ agglvl_title                          <chr> "County, Total Covered", "County, ~
## $ size_title                            <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count               <dbl> 17788, 54, 54, 31, 2, 2, 1, 18, 31~
## $ annual_avg_emplvl                     <dbl> 357494, 3603, 3603, 2763, 150, 87,~
## $ total_annual_wages                    <dbl> 13183606196, 143147528, 143147528,~
## $ taxable_annual_wages                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                  <dbl> 709, 764, 764, 726, 1147, 1109, 92~
## $ avg_annual_pay                        <dbl> 36878, 39730, 39730, 37771, 59664,~
## $ lq_disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count            <dbl> 1.00, 0.43, 0.43, 0.66, 0.46, 0.67~
## $ lq_annual_avg_emplvl                  <dbl> 1.00, 0.39, 0.40, 0.93, 1.78, 0.44~
## $ lq_total_annual_wages                 <dbl> 1.00, 0.31, 0.32, 0.76, 1.67, 0.53~
## $ lq_taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage               <dbl> 1.00, 0.79, 0.79, 0.81, 0.94, 1.19~
## $ lq_avg_annual_pay                     <dbl> 1.00, 0.79, 0.79, 0.81, 0.94, 1.19~
## $ oty_disclosure_code                   <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg       <dbl> 737, 0, 0, 0, 0, -1, 0, 1, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg   <dbl> 4.3, 0.0, 0.0, 0.0, 0.0, -33.3, 0.~
## $ oty_annual_avg_emplvl_chg             <dbl> 10209, -498, -498, 28, -430, -5, 0~
## $ oty_annual_avg_emplvl_pct_chg         <dbl> 2.9, -12.1, -12.1, 1.0, -74.1, -5.~
## $ oty_total_annual_wages_chg            <dbl> 794981021, -22592301, -22592301, -~
## $ oty_total_annual_wages_pct_chg        <dbl> 6.4, -13.6, -13.6, -0.9, -68.9, 1.~
## $ oty_taxable_annual_wages_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 23, -13, -13, -15, 193, 73, 8, 52,~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 3.4, -1.7, -1.7, -2.0, 20.2, 7.0, ~
## $ oty_avg_annual_pay_chg               <dbl> 1205, -689, -689, -737, 10035, 379~
## $ oty_avg_annual_pay_pct_chg           <dbl> 3.4, -1.7, -1.7, -1.9, 20.2, 7.0, ~
## Fips loop: 3.183 sec elapsed
## [1] "'Middle' loop with FIPS = 34025"

## Rows: 1020 Columns: 43

## -- Column specification ----------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,020
## Columns: 43
## $ area_fips                          <dbl> 34025, 34025, 34025, 34025, 34025,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 74~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Monmouth County, New Jersey", "Mo~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 16807, 77, 76, 54, 3, 6, 12, 1, 53~
## $ annual_avg_emplvl                  <dbl> 210462, 8417, 7904, 2402, 112, 404~
## $ total_annual_wages                 <dbl> 6577036197, 347165304, 329255416, ~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 601, 793, 801, 644, 592, 311, 922,~
## $ avg_annual_pay                     <dbl> 31250, 41248, 41656, 33465, 30773,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 0.64, 0.64, 1.22, 1.06, 2.53~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 1.56, 1.51, 1.38, 0.97, 3.73~
## $ lq_total_annual_wages              <dbl> 1.00, 1.51, 1.48, 1.17, 0.73, 2.73~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.97, 0.98, 0.85, 0.75, 0.73~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.97, 0.98, 0.85, 0.75, 0.73~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 465, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.8, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg          <dbl> 2313, -541, -409, -24, -4, -19, -3~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 1.1, -6.0, -4.9, -1.0, -3.4, -4.5,~
```

```
## $ oty_total_annual_wages_chg           <dbl> 182191495, -22457589, -17972395, -~
## $ oty_total_annual_wages_pct_chg       <dbl> 2.8, -6.1, -5.2, -0.7, 1.4, -3.5, ~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 10, -1, -2, 2, 31, 3, 1, 21, -18, ~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 1.7, -0.1, -0.2, 0.3, 5.5, 1.0, 0.~
## $ oty_avg_annual_pay_chg               <dbl> 528, -14, -113, 103, 1610, 157, 11~
## $ oty_avg_annual_pay_pct_chg           <dbl> 1.7, 0.0, -0.3, 0.3, 5.5, 1.0, 0.0~
## Fips loop: 2.968 sec elapsed
## [1] "'Middle' loop with FIPS = 34029"

## Rows: 750 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 750
## Columns: 43
## $ area_fips                            <dbl> 34029, 34029, 34029, 34029, 34029,~
## $ own_code                             <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                        <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                          <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code                            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                 <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                  <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                      <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                           <chr> "Ocean County, New Jersey", "Ocean~
## $ own_title                            <chr> "Total Covered", "Federal Governme~
## $ industry_title                       <chr> "Total, all industries", "Total, a~
## $ agglvl_title                         <chr> "County, Total Covered", "County, ~
## $ size_title                           <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count              <dbl> 9664, 37, 37, 27, 1, 1, 1, 1, 6, 2~
## $ annual_avg_emplvl                    <dbl> 119813, 3105, 3105, 1081, 8, 1, 48~
## $ total_annual_wages                   <dbl> 3003294442, 121327753, 121327753, ~
## $ taxable_annual_wages                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                 <dbl> 482, 751, 751, 734, 481, 698, 227,~
## $ avg_annual_pay                       <dbl> 25067, 39076, 39076, 38187, 25018,~
## $ lq_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count           <dbl> 1.00, 0.54, 0.54, 1.07, 0.42, 0.62~
## $ lq_annual_avg_emplvl                 <dbl> 1.00, 1.01, 1.04, 1.09, 0.28, 0.02~
## $ lq_total_annual_wages                <dbl> 1.00, 1.16, 1.19, 1.32, 0.16, 0.02~
## $ lq_taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 1.14, 1.14, 1.21, 0.58, 1.11~
## $ lq_avg_annual_pay                    <dbl> 1.00, 1.15, 1.15, 1.21, 0.58, 1.11~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg      <dbl> 390, -1, -1, 0, 0, 0, 0, 0, -1, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.2, -2.6, -2.6, 0.0, 0.0, 0.0, 0.~
## $ oty_annual_avg_emplvl_chg           <dbl> 3633, -55, -55, 39, 2, -1, -17, 0,~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 3.1, -1.7, -1.7, 3.7, 33.3, -50.0,~
## $ oty_total_annual_wages_chg          <dbl> 119932467, -6422166, -6422166, 266~
## $ oty_total_annual_wages_pct_chg      <dbl> 4.2, -5.0, -5.0, 0.6, -3.1, -53.2,~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 5, -27, -27, -22, -153, -183, 15, ~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 1.0, -3.5, -3.5, -2.9, -24.1, -20.~
## $ oty_avg_annual_pay_chg              <dbl> 249, -1354, -1354, -1148, -7956, -~
## $ oty_avg_annual_pay_pct_chg          <dbl> 1.0, -3.3, -3.3, -2.9, -24.1, -20.~
## Fips loop: 2.371 sec elapsed
## [1] "'Middle' loop with FIPS = 34033"

## Rows: 188 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 188
## Columns: 43
## $ area_fips                 <dbl> 34033, 34033, 34033, 34033, 34033,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Salem County, New Jersey", "Salem~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 1327, 20, 20, 13, 2, 5, 13, 13, 13~
## $ annual_avg_emplvl         <dbl> 22493, 164, 164, 134, 10, 20, 134,~
## $ total_annual_wages        <dbl> 801540316, 5641199, 5641199, 46027~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage      <dbl> 685, 661, 661, 659, 685, 667, 659,~
## $ avg_annual_pay            <dbl> 35635, 34380, 34380, 34242, 35627,~
## $ lq_disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 2.12, 2.13, 3.73, 6.13, 0.99~
## $ lq_annual_avg_emplvl      <dbl> 1.00, 0.28, 0.29, 0.72, 1.88, 0.07~
## $ lq_total_annual_wages     <dbl> 1.00, 0.20, 0.21, 0.55, 1.07, 0.05~
## $ lq_taxable_annual_wages   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.71, 0.71, 0.76, 0.58, 0.68~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.71, 0.71, 0.76, 0.58, 0.68~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 43, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.3, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> -493, 9, 9, 8, -1, 2, 8, 8, 8, 8, ~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> -2.1, 5.8, 5.8, 6.3, -9.1, 11.1, 6~
## $ oty_total_annual_wages_chg       <dbl> 6981939, 226532, 226532, 181517, -~
## $ oty_total_annual_wages_pct_chg   <dbl> 0.9, 4.2, 4.2, 4.1, -7.3, 11.7, 4.~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 20, -13, -13, -15, 4, -4, -15, -15~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.0, -1.9, -1.9, -2.2, 0.6, -0.6, ~
## $ oty_avg_annual_pay_chg           <dbl> 1067, -666, -666, -801, 235, -167,~
## $ oty_avg_annual_pay_pct_chg       <dbl> 3.1, -1.9, -1.9, -2.3, 0.7, -0.5, ~
## Fips loop: 0.775 sec elapsed
## [1] "'Middle' loop with FIPS = 34035"

## Rows: 686 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 686
## Columns: 43
## $ area_fips                <dbl> 34035, 34035, 34035, 34035, 34035,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Somerset County, New Jersey", "So~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 8466, 36, 36, 25, 1, 2, 8, 25, 25,~
## $ annual_avg_emplvl        <dbl> 147814, 2674, 2674, 720, 8, 1849, ~
## $ total_annual_wages       <dbl> 6078379757, 112503807, 112503807, ~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage     <dbl> 791, 809, 809, 703, 471, 841, 1020~
## $ avg_annual_pay           <dbl> 41122, 42073, 42073, 36541, 24482,~
## $ lq_disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.60, 0.60, 1.13, 0.48, 3.63~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.71, 0.73, 0.59, 0.23, 5.41~
## $ lq_total_annual_wages             <dbl> 1.00, 0.53, 0.55, 0.42, 0.08, 4.06~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 0.75, 0.75, 0.71, 0.35, 0.75~
## $ lq_avg_annual_pay                 <dbl> 1.00, 0.75, 0.75, 0.71, 0.35, 0.75~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 313, -1, -1, -1, -1, 0, 0, -1, -1,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.8, -2.7, -2.7, -3.8, -50.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> 13, -81, -81, 24, -53, -52, 1, 24,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 0.0, -2.9, -2.9, 3.4, -86.9, -2.7,~
## $ oty_total_annual_wages_chg        <dbl> 305339809, -5745686, -5745686, -10~
## $ oty_total_annual_wages_pct_chg    <dbl> 5.3, -4.9, -4.9, -3.7, -92.2, -3.0~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 40, -17, -17, -52, -334, -2, 17, -~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 5.3, -2.1, -2.1, -6.9, -41.5, -0.2~
## $ oty_avg_annual_pay_chg            <dbl> 2062, -854, -854, -2695, -17369, -~
## $ oty_avg_annual_pay_pct_chg        <dbl> 5.3, -2.0, -2.0, -6.9, -41.5, -0.3~
## Fips loop: 2.414 sec elapsed
## [1] "'Middle' loop with FIPS = 34039"

## Rows: 929 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 929
## Columns: 43
## $ area_fips                         <dbl> 34039, 34039, 34039, 34039, 34039,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Union County, New Jersey", "Union~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 14377, 32, 32, 17, 1, 14, 17, 17, ~
## $ annual_avg_emplvl                 <dbl> 223090, 2663, 2663, 1586, 1, 1076,~
## $ total_annual_wages                <dbl> 8245223785, 103909673, 103909673, ~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 711, 750, 750, 765, 1019, 729, 765~
## $ avg_annual_pay                   <dbl> 36959, 39020, 39020, 39773, 52966,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.31, 0.31, 0.45, 0.41, 0.26~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.47, 0.48, 0.86, 0.01, 0.37~
## $ lq_total_annual_wages            <dbl> 1.00, 0.36, 0.37, 0.74, 0.01, 0.27~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.77, 0.77, 0.85, 1.09, 0.71~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.78, 0.78, 0.86, 1.09, 0.71~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 204, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.4, 3.2, 3.2, 0.0, 0.0, 7.7, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> -2343, 15, 15, 27, 0, -12, 27, 27,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> -1.0, 0.6, 0.6, 1.7, 0.0, -1.1, 1.~
## $ oty_total_annual_wages_chg       <dbl> 170966919, -2993321, -2993321, -30~
## $ oty_total_annual_wages_pct_chg   <dbl> 2.1, -2.8, -2.8, -4.6, 7.9, 0.1, -~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 22, -26, -26, -50, 75, 8, -50, -50~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.2, -3.4, -3.4, -6.1, 7.9, 1.1, -~
## $ oty_avg_annual_pay_chg           <dbl> 1142, -1356, -1356, -2628, 3878, 4~
## $ oty_avg_annual_pay_pct_chg       <dbl> 3.2, -3.4, -3.4, -6.2, 7.9, 1.1, -~
## Fips loop: 2.944 sec elapsed
## [1] "'Middle' loop with FIPS = 36005"

## Rows: 692 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 692
## Columns: 43
## $ area_fips              <dbl> 36005, 36005, 36005, 36005, 36005,~
## $ own_code              <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code         <chr> "10", "10", "102", "1021", "1025",~
## $ agglvl_code           <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                  <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                   <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title            <chr> "Bronx County, New York", "Bronx C~
## $ own_title             <chr> "Total Covered", "Federal Governme~
## $ industry_title        <chr> "Total, all industries", "Total, a~
## $ agglvl_title          <chr> "County, Total Covered", "County, ~
## $ size_title            <chr> "All establishment sizes", "All es~
```

```
## $ annual_avg_estabs_count           <dbl> 14074, 9, 9, 1, 1, 1, 6, 1, 1, 1, ~
## $ annual_avg_emplvl                 <dbl> 203647, 9216, 9216, 2811, 2605, 7,~
## $ total_annual_wages                <dbl> 5942682998, 373525332, 373525332, ~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 561, 779, 779, 707, 697, 411, 891,~
## $ avg_annual_pay                    <dbl> 29181, 40529, 40529, 36758, 36225,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.09, 0.09, 0.03, 1.09, 0.50~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 1.77, 1.82, 1.67, 5.53, 0.07~
## $ lq_total_annual_wages             <dbl> 1.00, 1.80, 1.85, 1.67, 4.84, 0.07~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.02, 1.02, 1.00, 0.88, 1.03~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.02, 1.02, 1.00, 0.88, 1.03~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 69, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> 1713, 262, 262, 322, 47, -2, -106,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 0.8, 2.9, 2.9, 12.9, 1.8, -22.2, -~
## $ oty_total_annual_wages_chg        <dbl> 139999117, -14276092, -14276092, 4~
## $ oty_total_annual_wages_pct_chg    <dbl> 2.4, -3.7, -3.7, 4.8, -17.0, -52.8~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 8, -54, -54, -55, -157, -307, 27, ~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 1.4, -6.5, -6.5, -7.2, -18.4, -42.~
## $ oty_avg_annual_pay_chg            <dbl> 445, -2779, -2779, -2851, -8208, -~
## $ oty_avg_annual_pay_pct_chg        <dbl> 1.5, -6.4, -6.4, -7.2, -18.5, -42.~
## Fips loop: 1.978 sec elapsed
## [1] "'Middle' loop with FIPS = 36011"

## Rows: 263 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 263
## Columns: 43
## $ area_fips            <dbl> 36011, 36011, 36011, 36011, 36011,~
## $ own_code             <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code        <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code          <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                 <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                  <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code      <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title           <chr> "Cayuga County, New York", "Cayuga~
```

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```
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 1624, 17, 17, 11, 6, 11, 11, 11, 1~
## $ annual_avg_emplvl                <dbl> 24506, 116, 116, 94, 22, 94, 94, 9~
## $ total_annual_wages               <dbl> 567702117, 4368741, 4368741, 34137~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 445, 723, 723, 698, 825, 698, 698,~
## $ avg_annual_pay                   <dbl> 23166, 37581, 37581, 36317, 42919,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 1.47, 1.48, 2.58, 0.97, 2.65~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.18, 0.19, 0.46, 0.07, 0.50~
## $ lq_total_annual_wages            <dbl> 1.00, 0.22, 0.23, 0.58, 0.09, 0.61~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.19, 1.19, 1.25, 1.29, 1.22~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.19, 1.19, 1.25, 1.29, 1.22~
## $ oty_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 15, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.9, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 429, -5, -5, 0, -4, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 1.8, -4.1, -4.1, 0.0, -15.4, 0.0, ~
## $ oty_total_annual_wages_chg       <dbl> 19764699, -16475, -16475, -77168, ~
## $ oty_total_annual_wages_pct_chg   <dbl> 3.6, -0.4, -0.4, -2.2, 6.8, -2.2, ~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 7, 24, 24, -13, 170, -13, -13, -13~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 1.6, 3.4, 3.4, -1.8, 26.0, -1.8, -~
## $ oty_avg_annual_pay_chg           <dbl> 409, 1239, 1239, -657, 8852, -657,~
## $ oty_avg_annual_pay_pct_chg       <dbl> 1.8, 3.4, 3.4, -1.8, 26.0, -1.8, -~
## Fips loop: 0.892 sec elapsed
## [1] "'Middle' loop with FIPS = 36013"

## Rows: 432 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 432
## Columns: 43
## $ area_fips                        <dbl> 36013, 36013, 36013, 36013, 36013,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Chautauqua County, New York", "Ch~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 3271, 32, 32, 25, 7, 25, 25, 25, 2~
## $ annual_avg_emplvl               <dbl> 55841, 320, 320, 272, 48, 272, 272~
## $ total_annual_wages              <dbl> 1248620983, 11693859, 11693859, 99~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 430, 703, 703, 699, 725, 699, 699,~
## $ avg_annual_pay                  <dbl> 22360, 36553, 36553, 36353, 37700,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 1.38, 1.38, 2.91, 0.56, 2.99~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.22, 0.23, 0.59, 0.07, 0.64~
## $ lq_total_annual_wages           <dbl> 1.00, 0.27, 0.28, 0.76, 0.08, 0.81~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.20, 1.20, 1.29, 1.17, 1.26~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.20, 1.20, 1.29, 1.17, 1.26~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 29, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.9, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg       <dbl> -29, -12, -12, -6, -7, -6, -6, -6,~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> -0.1, -3.6, -3.6, -2.2, -12.7, -2.~
## $ oty_total_annual_wages_chg      <dbl> 16143491, -228475, -228475, 45813,~
## $ oty_total_annual_wages_pct_chg  <dbl> 1.3, -1.9, -1.9, 0.5, -13.3, 0.5, ~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 6, 13, 13, 16, -1, 16, 16, 16, 16,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 1.4, 1.9, 1.9, 2.3, -0.1, 2.3, 2.3~
## $ oty_avg_annual_pay_chg          <dbl> 300, 678, 678, 853, -75, 853, 853,~
## $ oty_avg_annual_pay_pct_chg      <dbl> 1.4, 1.9, 1.9, 2.4, -0.2, 2.4, 2.4~
## Fips loop: 1.303 sec elapsed
## [1] "'Middle' loop with FIPS = 36027"

## Rows: 638 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 638
## Columns: 43
## $ area_fips                       <dbl> 36027, 36027, 36027, 36027, 36027,~
```

```
## $ own_code                             <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                        <chr> "10", "10", "102", "1021", "1025",~
## $ agglvl_code                          <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                 <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                  <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                      <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                           <chr> "Dutchess County, New York", "Dutc~
## $ own_title                            <chr> "Total Covered", "Federal Governme~
## $ industry_title                       <chr> "Total, all industries", "Total, a~
## $ agglvl_title                         <chr> "County, Total Covered", "County, ~
## $ size_title                           <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count              <dbl> 6656, 44, 44, 31, 1, 1, 11, 31, 31~
## $ annual_avg_emplvl                    <dbl> 99733, 1393, 1393, 434, 760, 68, 1~
## $ total_annual_wages                   <dbl> 2963191021, 53978865, 53978865, 16~
## $ taxable_annual_wages                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                 <dbl> 571, 745, 745, 720, 773, 532, 779,~
## $ avg_annual_pay                       <dbl> 29711, 38750, 38750, 37451, 40195,~
## $ lq_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count           <dbl> 1.00, 0.93, 0.93, 1.78, 2.31, 1.06~
## $ lq_annual_avg_emplvl                 <dbl> 1.00, 0.55, 0.56, 0.53, 3.29, 1.33~
## $ lq_total_annual_wages                <dbl> 1.00, 0.52, 0.54, 0.53, 3.14, 1.75~
## $ lq_taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 0.96, 0.96, 1.00, 0.95, 1.32~
## $ lq_avg_annual_pay                    <dbl> 1.00, 0.96, 0.96, 1.00, 0.95, 1.31~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 147, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 2.3, 2.3, 2.3, 0.0, 0.0, 0.0, 10.0~
## $ oty_annual_avg_emplvl_chg            <dbl> 1193, -21, -21, -3, -19, -2, 3, -3~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 1.2, -1.5, -1.5, -0.7, -2.4, -2.9,~
## $ oty_total_annual_wages_chg           <dbl> 117382641, -2242203, -2242203, -24~
## $ oty_total_annual_wages_pct_chg       <dbl> 4.1, -4.0, -4.0, -1.5, -7.3, 6.0, ~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 16, -20, -20, -6, -40, 40, 28, -6,~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 2.9, -2.6, -2.6, -0.8, -4.9, 8.1, ~
## $ oty_avg_annual_pay_chg               <dbl> 831, -1006, -1006, -312, -2061, 20~
## $ oty_avg_annual_pay_pct_chg           <dbl> 2.9, -2.5, -2.5, -0.8, -4.9, 8.0, ~
## Fips loop: 1.856 sec elapsed
## [1] "'Middle' loop with FIPS = 36029"

## Rows: 1128 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (9): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (1): disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,128
## Columns: 43
## $ area_fips                          <dbl> 36029, 36029, 36029, 36029, 36029,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1025",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Erie County, New York", "Erie Cou~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 23121, 73, 73, 34, 1, 38, 34, 34, ~
## $ annual_avg_emplvl                  <dbl> 442801, 8649, 8649, 3644, 1953, 30~
## $ total_annual_wages                 <dbl> 11839043872, 324048293, 324048293,~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 514, 721, 721, 731, 611, 778, 731,~
## $ avg_annual_pay                     <dbl> 26737, 37467, 37467, 38017, 31751,~
## $ lq_disclosure_code                 <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 0.44, 0.45, 0.56, 0.66, 0.43~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.76, 0.78, 1.00, 1.91, 0.54~
## $ lq_total_annual_wages              <dbl> 1.00, 0.79, 0.81, 1.12, 1.60, 0.56~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.03, 1.03, 1.13, 0.84, 1.05~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.03, 1.03, 1.13, 0.84, 1.05~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 275, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.2, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg          <dbl> 2317, -8, -8, -1, -27, 19, -1, -1,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 0.5, -0.1, -0.1, 0.0, -1.4, 0.6, 0~
## $ oty_total_annual_wages_chg         <dbl> 531410699, 5436345, 5436345, 28378~
## $ oty_total_annual_wages_pct_chg     <dbl> 4.7, 1.7, 1.7, 0.2, 1.6, 3.5, 0.2,~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 20, 13, 13, 2, 18, 21, 2, 2, 2, 2,~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 4.0, 1.8, 1.8, 0.3, 3.0, 2.8, 0.3,~
## $ oty_avg_annual_pay_chg             <dbl> 1066, 662, 662, 83, 929, 1113, 83,~
## $ oty_avg_annual_pay_pct_chg         <dbl> 4.2, 1.8, 1.8, 0.2, 3.0, 2.8, 0.2,~
## Fips loop: 2.856 sec elapsed
## [1] "'Middle' loop with FIPS = 36045"

## Rows: 357 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 357
## Columns: 43
## $ area_fips                        <dbl> 36045, 36045, 36045, 36045, 36045,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Jefferson County, New York", "Jef~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 2541, 35, 35, 21, 1, 13, 1, 1, 1, ~
## $ annual_avg_emplvl                <dbl> 36613, 2639, 2639, 702, 238, 1700,~
## $ total_annual_wages               <dbl> 853165307, 69258701, 69258701, 130~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 448, 505, 505, 358, 230, 604, 208,~
## $ avg_annual_pay                   <dbl> 23302, 26243, 26243, 18599, 11960,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 1.94, 1.95, 3.15, 2.78, 1.34~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 2.82, 2.89, 2.32, 12.64, 3.6~
## $ lq_total_annual_wages            <dbl> 1.00, 2.33, 2.39, 1.47, 9.16, 3.38~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.83, 0.83, 0.63, 0.72, 0.94~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.83, 0.83, 0.63, 0.73, 0.94~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 17, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.7, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 121, -103, -103, -4, -22, -75, -9,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 0.3, -3.8, -3.8, -0.6, -8.5, -4.2,~
## $ oty_total_annual_wages_chg       <dbl> 24762228, 2998201, 2998201, -32396~
## $ oty_total_annual_wages_pct_chg   <dbl> 3.0, 4.5, 4.5, -0.2, -5.8, 6.4, 0.~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 11, 40, 40, 2, 7, 61, 6, 6, 6, 6, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.5, 8.6, 8.6, 0.6, 3.1, 11.2, 3.0~
## $ oty_avg_annual_pay_chg           <dbl> 601, 2077, 2077, 77, 371, 3140, 29~
## $ oty_avg_annual_pay_pct_chg       <dbl> 2.6, 8.6, 8.6, 0.4, 3.2, 11.1, 2.8~
## Fips loop: 1.107 sec elapsed
## [1] "'Middle' loop with FIPS = 36047"
```

```
## Rows: 1123 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,123
## Columns: 43
## $ area_fips                         <dbl> 36047, 36047, 36047, 36047, 36047,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1025",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 74~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Kings County, New York", "Kings C~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 35042, 13, 12, 2, 1, 2, 7, 1, 1, 1~
## $ annual_avg_emplvl                 <dbl> 414025, 9883, 9846, 5814, 2331, 29~
## $ total_annual_wages                <dbl> 11325285798, 402402191, 400877183,~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 526, 783, 783, 726, 966, 460, 785,~
## $ avg_annual_pay                    <dbl> 27354, 40715, 40714, 37749, 50215,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.05, 0.05, 0.02, 0.44, 0.40~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.93, 0.95, 1.70, 2.43, 1.40~
## $ lq_total_annual_wages             <dbl> 1.00, 1.02, 1.04, 1.86, 3.15, 1.74~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.09, 1.09, 1.10, 1.29, 1.23~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.09, 1.09, 1.10, 1.29, 1.23~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 526, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> 3646, -216, -177, -34, -43, -30, -~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 0.9, -2.1, -1.8, -0.6, -1.8, -9.1,~
## $ oty_total_annual_wages_chg        <dbl> 388999337, -23752988, -22334886, -~
## $ oty_total_annual_wages_pct_chg    <dbl> 3.6, -5.6, -5.3, -7.2, -2.4, -6.1,~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 14, -29, -29, -52, -6, 14, 13, 6, ~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 2.7, -3.6, -3.6, -6.7, -0.6, 3.1, ~
```

```
## $ oty_avg_annual_pay_chg                       <dbl> 705, -1485, -1509, -2693, -322, 73~
## $ oty_avg_annual_pay_pct_chg                   <dbl> 2.6, -3.5, -3.6, -6.7, -0.6, 3.2, ~
## Fips loop: 2.789 sec elapsed
## [1] "'Middle' loop with FIPS = 36055"

## Rows: 981 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 981
## Columns: 43
## $ area_fips                        <dbl> 36055, 36055, 36055, 36055, 36055,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Monroe County, New York", "Monroe~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 16525, 48, 48, 23, 25, 23, 23, 23,~
## $ annual_avg_emplvl                <dbl> 387416, 2975, 2975, 2481, 495, 248~
## $ total_annual_wages               <dbl> 12094427026, 114297011, 114297011,~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 600, 739, 739, 715, 856, 715, 715,~
## $ avg_annual_pay                   <dbl> 31218, 38416, 38416, 37204, 44491,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.41, 0.41, 0.53, 0.40, 0.54~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.30, 0.31, 0.77, 0.10, 0.84~
## $ lq_total_annual_wages            <dbl> 1.00, 0.27, 0.28, 0.73, 0.10, 0.78~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.90, 0.90, 0.95, 0.99, 0.92~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.90, 0.90, 0.95, 0.99, 0.92~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 373, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.3, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 2803, -25, -25, -31, 7, -31, -31, ~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 0.7, -0.8, -0.8, -1.2, 1.4, -1.2, ~
## $ oty_total_annual_wages_chg       <dbl> 539880129, -561177, -561177, -1407~
## $ oty_total_annual_wages_pct_chg   <dbl> 4.7, -0.5, -0.5, -1.5, 4.0, -1.5, ~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg           <dbl> 22, 3, 3, -2, 23, -2, -2, -2, -2, ~
## $ oty_annual_avg_wkly_wage_pct_chg       <dbl> 3.8, 0.4, 0.4, -0.3, 2.8, -0.3, -0~
## $ oty_avg_annual_pay_chg                 <dbl> 1176, 135, 135, -96, 1164, -96, -9~
## $ oty_avg_annual_pay_pct_chg             <dbl> 3.9, 0.4, 0.4, -0.3, 2.7, -0.3, -0~
## Fips loop: 2.782 sec elapsed
## [1] "'Middle' loop with FIPS = 36059"

## Rows: 1266 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,266
## Columns: 43
## $ area_fips                       <dbl> 36059, 36059, 36059, 36059, 36059,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Nassau County, New York", "Nassau~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 46360, 85, 85, 56, 1, 28, 1, 1, 1,~
## $ annual_avg_emplvl               <dbl> 559741, 8404, 8404, 6240, 23, 2141~
## $ total_annual_wages              <dbl> 18167589375, 348801783, 348801783,~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 624, 798, 798, 735, 429, 987, 189,~
## $ avg_annual_pay                  <dbl> 32457, 41505, 41505, 38214, 22303,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 0.26, 0.26, 0.46, 0.15, 0.16~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.59, 0.60, 1.35, 0.08, 0.30~
## $ lq_total_annual_wages           <dbl> 1.00, 0.55, 0.57, 1.26, 0.08, 0.33~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 0.94, 0.94, 0.94, 0.97, 1.10~
## $ lq_avg_annual_pay               <dbl> 1.00, 0.94, 0.94, 0.94, 0.97, 1.10~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 402, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.9, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg       <dbl> 5533, -113, -113, 32, -1, -144, -1~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 1.0, -1.3, -1.3, 0.5, -4.2, -6.3, ~
```

```
## $ oty_total_annual_wages_chg          <dbl> 587549830, -7785350, -7785350, -54~
## $ oty_total_annual_wages_pct_chg      <dbl> 3.3, -2.2, -2.2, -2.3, 11.9, -2.1,~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 14, -7, -7, -21, 70, 43, -9, -9, -~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 2.3, -0.9, -0.9, -2.8, 19.5, 4.6, ~
## $ oty_avg_annual_pay_chg              <dbl> 736, -362, -362, -1086, 3613, 2218~
## $ oty_avg_annual_pay_pct_chg          <dbl> 2.3, -0.9, -0.9, -2.8, 19.3, 4.5, ~
## Fips loop: 2.783 sec elapsed
## [1] "'Middle' loop with FIPS = 36061"

## Rows: 1323 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,323
## Columns: 43
## $ area_fips                           <dbl> 36061, 36061, 36061, 36061, 36061,~
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                       <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                          <chr> "New York County, New York", "New ~
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 106147, 80, 80, 2, 1, 2, 2, 73, 2,~
## $ annual_avg_emplvl                   <dbl> 2103353, 34923, 34923, 16152, 275,~
## $ total_annual_wages                  <dbl> 108050081030, 1549612680, 15496126~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 988, 853, 853, 755, 1327, 1008, 43~
## $ avg_annual_pay                      <dbl> 51370, 44372, 44372, 39279, 68993,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 0.11, 0.11, 0.01, 0.04, 0.29~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 0.65, 0.67, 0.93, 0.55, 0.47~
## $ lq_total_annual_wages               <dbl> 1.00, 0.41, 0.42, 0.56, 0.43, 0.34~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 0.63, 0.63, 0.61, 0.78, 0.72~
## $ lq_avg_annual_pay                   <dbl> 1.00, 0.63, 0.63, 0.61, 0.78, 0.72~
## $ oty_disclosure_code                 <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg       <dbl> 1491, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg   <dbl> 1.4, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg             <dbl> -14032, -692, -692, -153, 1, -3, -~
## $ oty_annual_avg_emplvl_pct_chg         <dbl> -0.7, -1.9, -1.9, -0.9, 0.4, -0.1,~
## $ oty_total_annual_wages_chg            <dbl> 7063023192, -9032994, -9032994, -2~
## $ oty_total_annual_wages_pct_chg        <dbl> 7.0, -0.6, -0.6, -3.7, 9.3, 2.8, 2~
## $ oty_taxable_annual_wages_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 71, 11, 11, -22, 110, 28, 38, 41, ~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 7.7, 1.3, 1.3, -2.8, 9.0, 2.9, 9.5~
## $ oty_avg_annual_pay_chg                <dbl> 3676, 608, 608, -1123, 5728, 1477,~
## $ oty_avg_annual_pay_pct_chg            <dbl> 7.7, 1.4, 1.4, -2.8, 9.1, 2.9, 9.7~
## Fips loop: 2.816 sec elapsed
## [1] "'Middle' loop with FIPS = 36063"

## Rows: 531 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 531
## Columns: 43
## $ area_fips                      <dbl> 36063, 36063, 36063, 36063, 36063,~
## $ own_code                       <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                  <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                    <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Niagara County, New York", "Niaga~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 4763, 30, 30, 17, 1, 12, 16, 16, 1~
## $ annual_avg_emplvl              <dbl> 80588, 1157, 1157, 393, 36, 727, 3~
## $ total_annual_wages             <dbl> 2166284010, 38254364, 38254364, 14~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 517, 636, 636, 686, 182, 631, 694,~
## $ avg_annual_pay                 <dbl> 26881, 33078, 33078, 35683, 9455, ~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 0.89, 0.89, 1.36, 1.49, 0.66~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 0.56, 0.58, 0.59, 0.87, 0.70~
## $ lq_total_annual_wages          <dbl> 1.00, 0.51, 0.52, 0.62, 0.43, 0.60~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.90, 0.90, 1.05, 0.50, 0.85~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.90, 0.90, 1.05, 0.50, 0.85~
## $ oty_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 58, -1, -1, 0, 0, -1, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.2, -3.2, -3.2, 0.0, 0.0, -7.7, 0~
## $ oty_annual_avg_emplvl_chg        <dbl> 1367, -41, -41, -7, 1, -36, 0, 0, ~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 1.7, -3.4, -3.4, -1.8, 2.9, -4.7, ~
## $ oty_total_annual_wages_chg       <dbl> 72026306, -631770, -631770, -11486~
## $ oty_total_annual_wages_pct_chg   <dbl> 3.4, -1.6, -1.6, -0.8, 9.8, -2.2, ~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 9, 12, 12, 5, 12, 16, -3, -3, -3, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 1.8, 1.9, 1.9, 0.7, 7.1, 2.6, -0.4~
## $ oty_avg_annual_pay_chg           <dbl> 445, 617, 617, 263, 620, 839, -169~
## $ oty_avg_annual_pay_pct_chg       <dbl> 1.7, 1.9, 1.9, 0.7, 7.0, 2.6, -0.5~
## Fips loop: 1.538 sec elapsed
## [1] "'Middle' loop with FIPS = 36071"

## Rows: 762 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 762
## Columns: 43
## $ area_fips              <dbl> 36071, 36071, 36071, 36071, 36071,~
## $ own_code              <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code         <chr> "10", "10", "102", "1021", "1025",~
## $ agglvl_code           <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                  <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                   <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title            <chr> "Orange County, New York", "Orange~
## $ own_title             <chr> "Total Covered", "Federal Governme~
## $ industry_title        <chr> "Total, all industries", "Total, a~
## $ agglvl_title          <chr> "County, Total Covered", "County, ~
## $ size_title            <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count <dbl> 7752, 63, 63, 42, 1, 4, 16, 1, 1, ~
## $ annual_avg_emplvl     <dbl> 107604, 5605, 5605, 1334, 2483, 68~
## $ total_annual_wages    <dbl> 2739614530, 178727524, 178727524, ~
## $ taxable_annual_wages  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage  <dbl> 490, 613, 613, 633, 620, 285, 777,~
## $ avg_annual_pay        <dbl> 25460, 31887, 31887, 32927, 32241,~
## $ lq_disclosure_code    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 1.14, 1.15, 2.07, 1.98, 3.65~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 2.03, 2.09, 1.50, 9.97, 12.3~
## $ lq_total_annual_wages            <dbl> 1.00, 1.87, 1.92, 1.54, 8.91, 10.1~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.92, 0.92, 1.03, 0.89, 0.82~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.92, 0.92, 1.03, 0.89, 0.82~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 140, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.8, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 1347, -138, -138, -22, -111, -11, ~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 1.3, -2.4, -2.4, -1.6, -4.3, -1.6,~
## $ oty_total_annual_wages_chg       <dbl> 89070612, 8276291, 8276291, -10771~
## $ oty_total_annual_wages_pct_chg   <dbl> 3.4, 4.9, 4.9, -2.4, 12.1, 0.4, 1.~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 10, 42, 42, -5, 91, 6, 7, 13, 13, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.1, 7.4, 7.4, -0.8, 17.2, 2.2, 0.~
## $ oty_avg_annual_pay_chg           <dbl> 515, 2209, 2209, -260, 4715, 308, ~
## $ oty_avg_annual_pay_pct_chg       <dbl> 2.1, 7.4, 7.4, -0.8, 17.1, 2.1, 0.~
## Fips loop: 2.177 sec elapsed
## [1] "'Middle' loop with FIPS = 36073"

## Rows: 133 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 133
## Columns: 43
## $ area_fips                <dbl> 36073, 36073, 36073, 36073, 36073,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Orleans County, New York", "Orlea~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 781, 10, 10, 5, 5, 5, 5, 5, 5, 5, ~
## $ annual_avg_emplvl        <dbl> 11991, 49, 49, 41, 8, 41, 41, 41, ~
## $ total_annual_wages       <dbl> 282306242, 1758910, 1758910, 15319~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                   <dbl> 453, 693, 693, 716, 569, 716, 716,~
## $ avg_annual_pay                         <dbl> 23544, 36019, 36019, 37213, 29603,~
## $ lq_disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count             <dbl> 1.00, 1.80, 1.81, 2.44, 1.68, 2.50~
## $ lq_annual_avg_emplvl                   <dbl> 1.00, 0.16, 0.16, 0.41, 0.05, 0.45~
## $ lq_total_annual_wages                  <dbl> 1.00, 0.18, 0.18, 0.52, 0.04, 0.55~
## $ lq_taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage                <dbl> 1.00, 1.12, 1.12, 1.26, 0.87, 1.23~
## $ lq_avg_annual_pay                      <dbl> 1.00, 1.12, 1.12, 1.26, 0.87, 1.23~
## $ oty_disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg        <dbl> 19, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg    <dbl> 2.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg              <dbl> 249, -1, -1, -1, -1, -1, -1, -1, -~
## $ oty_annual_avg_emplvl_pct_chg          <dbl> 2.1, -2.0, -2.0, -2.4, -11.1, -2.4~
## $ oty_total_annual_wages_chg             <dbl> 24971496, -16295, -16295, -29753, ~
## $ oty_total_annual_wages_pct_chg         <dbl> 9.7, -0.9, -0.9, -1.9, 6.3, -1.9, ~
## $ oty_taxable_annual_wages_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg           <dbl> 32, 16, 16, 0, 86, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_wkly_wage_pct_chg       <dbl> 7.6, 2.4, 2.4, 0.0, 17.8, 0.0, 0.0~
## $ oty_avg_annual_pay_chg                 <dbl> 1629, 808, 808, -44, 4486, -44, -4~
## $ oty_avg_annual_pay_pct_chg             <dbl> 7.4, 2.3, 2.3, -0.1, 17.9, -0.1, -~
## Fips loop: 0.519 sec elapsed
## [1] "'Middle' loop with FIPS = 36075"

## Rows: 297 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 297
## Columns: 43
## $ area_fips                              <dbl> 36075, 36075, 36075, 36075, 36075,~
## $ own_code                               <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                          <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                            <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                   <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                    <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                             <chr> "Oswego County, New York", "Oswego~
## $ own_title                              <chr> "Total Covered", "Federal Governme~
## $ industry_title                         <chr> "Total, all industries", "Total, a~
## $ agglvl_title                           <chr> "County, Total Covered", "County, ~
## $ size_title                             <chr> "All establishment sizes", "All es~
```

```
## $ annual_avg_estabs_count            <dbl> 2091, 21, 21, 15, 6, 15, 15, 15, 1~
## $ annual_avg_emplvl                  <dbl> 33041, 146, 146, 119, 26, 119, 119~
## $ total_annual_wages                 <dbl> 922939908, 5338503, 5338503, 43305~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 537, 705, 705, 699, 734, 699, 699,~
## $ avg_annual_pay                     <dbl> 27933, 36670, 36670, 36341, 38155,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 1.41, 1.42, 2.73, 0.75, 2.80~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.17, 0.18, 0.44, 0.06, 0.47~
## $ lq_total_annual_wages              <dbl> 1.00, 0.17, 0.17, 0.45, 0.06, 0.48~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.96, 0.96, 1.03, 0.95, 1.01~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.96, 0.96, 1.03, 0.95, 1.01~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 45, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.2, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg          <dbl> -393, 0, 0, -1, 0, -1, -1, -1, -1,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> -1.2, 0.0, 0.0, -0.8, 0.0, -0.8, -~
## $ oty_total_annual_wages_chg         <dbl> -13473863, -79114, -79114, -50688,~
## $ oty_total_annual_wages_pct_chg     <dbl> -1.4, -1.5, -1.5, -1.2, -2.7, -1.2~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> -2, -9, -9, -6, -23, -6, -6, -6, -~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> -0.4, -1.3, -1.3, -0.9, -3.0, -0.9~
## $ oty_avg_annual_pay_chg             <dbl> -74, -458, -458, -297, -1200, -297~
## $ oty_avg_annual_pay_pct_chg         <dbl> -0.3, -1.2, -1.2, -0.8, -3.0, -0.8~
## Fips loop: 0.963 sec elapsed
## [1] "'Middle' loop with FIPS = 36079"

## Rows: 304 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 304
## Columns: 43
## $ area_fips                          <dbl> 36079, 36079, 36079, 36079, 36079,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 3, 3, 3~
## $ industry_code                      <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Putnam County, New York", "Putnam~
```

```
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 2306, 10, 10, 10, 10, 10, 10, 10, ~
## $ annual_avg_emplvl                <dbl> 18471, 114, 114, 114, 114, 114, 11~
## $ total_annual_wages               <dbl> 523155228, 4347808, 4347808, 43478~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 545, 731, 731, 731, 731, 731, 731,~
## $ avg_annual_pay                    <dbl> 28322, 38000, 38000, 38000, 38000,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.61, 0.61, 1.65, 1.70, 1.73~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.24, 0.25, 0.75, 0.81, 0.84~
## $ lq_total_annual_wages            <dbl> 1.00, 0.24, 0.25, 0.80, 0.85, 0.90~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.99, 0.99, 1.07, 1.04, 1.06~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.99, 0.99, 1.07, 1.04, 1.06~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 102, 0, 0, 0, 0, 0, 0, 0, 0, 7, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.6, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 543, -3, -3, -3, -3, -3, -3, -3, -~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 3.0, -2.6, -2.6, -2.6, -2.6, -2.6,~
## $ oty_total_annual_wages_chg       <dbl> 31484209, -69596, -69596, -69596, ~
## $ oty_total_annual_wages_pct_chg   <dbl> 6.4, -1.6, -1.6, -1.6, -1.6, -1.6,~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 18, 3, 3, 3, 3, 3, 3, 3, 3, 27, -3~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.4, 0.4, 0.4, 0.4, 0.4, 0.4, 0.4,~
## $ oty_avg_annual_pay_chg           <dbl> 897, 164, 164, 164, 164, 164, 164,~
## $ oty_avg_annual_pay_pct_chg       <dbl> 3.3, 0.4, 0.4, 0.4, 0.4, 0.4, 0.4,~
## Fips loop: 0.949 sec elapsed
## [1] "'Middle' loop with FIPS = 36081"

## Rows: 1093 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,093
## Columns: 43
## $ area_fips                        <dbl> 36081, 36081, 36081, 36081, 36081,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1025",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Queens County, New York", "Queens~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 34195, 19, 19, 5, 1, 1, 12, 5, 5, ~
## $ annual_avg_emplvl               <dbl> 442513, 11181, 11181, 7448, 535, 6~
## $ total_annual_wages              <dbl> 13290738050, 447612421, 447612421,~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 578, 770, 770, 731, 952, 487, 838,~
## $ avg_annual_pay                  <dbl> 30035, 40032, 40032, 37994, 49523,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 0.08, 0.08, 0.06, 0.45, 0.21~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.99, 1.01, 2.04, 0.52, 0.29~
## $ lq_total_annual_wages           <dbl> 1.00, 0.97, 0.99, 2.05, 0.61, 0.35~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 0.98, 0.98, 1.00, 1.16, 1.19~
## $ lq_avg_annual_pay               <dbl> 1.00, 0.98, 0.98, 1.01, 1.16, 1.19~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 633, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.9, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg       <dbl> 6358, 2, 2, 143, -12, -2, -127, 14~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 1.5, 0.0, 0.0, 2.0, -2.2, -2.9, -3~
## $ oty_total_annual_wages_chg      <dbl> 467575031, -16411695, -16411695, -~
## $ oty_total_annual_wages_pct_chg  <dbl> 3.6, -3.5, -3.5, -3.2, -2.5, -0.3,~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 13, -28, -28, -39, -3, 13, -5, -39~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.3, -3.5, -3.5, -5.1, -0.3, 2.7, ~
## $ oty_avg_annual_pay_chg          <dbl> 634, -1476, -1476, -2032, -135, 68~
## $ oty_avg_annual_pay_pct_chg      <dbl> 2.2, -3.6, -3.6, -5.1, -0.3, 2.8, ~
## Fips loop: 2.844 sec elapsed
## [1] "'Middle' loop with FIPS = 36085"

## Rows: 592 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 592
## Columns: 43
## $ area_fips                       <dbl> 36085, 36085, 36085, 36085, 36085,~
```

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```
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Richmond County, New York", "Rich~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 6588, 5, 5, 1, 1, 3, 1, 1, 1, 1, 1~
## $ annual_avg_emplvl                <dbl> 77155, 997, 997, 863, 51, 83, 863,~
## $ total_annual_wages               <dbl> 2060724199, 37402247, 37402247, 33~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 514, 722, 722, 740, 535, 647, 740,~
## $ avg_annual_pay                   <dbl> 26709, 37530, 37530, 38480, 27826,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.11, 0.11, 0.06, 1.07, 0.12~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.50, 0.52, 1.35, 1.29, 0.08~
## $ lq_total_annual_wages            <dbl> 1.00, 0.52, 0.54, 1.55, 1.90, 0.07~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.03, 1.03, 1.14, 1.47, 0.88~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.03, 1.03, 1.15, 1.47, 0.88~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 136, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.1, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 3059, 25, 25, 24, 9, -8, 24, 24, 2~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 4.1, 2.6, 2.6, 2.9, 21.4, -8.8, 2.~
## $ oty_total_annual_wages_chg       <dbl> 138907961, -1601453, -1601453, -15~
## $ oty_total_annual_wages_pct_chg   <dbl> 7.2, -4.1, -4.1, -4.6, 30.5, -11.1~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 15, -49, -49, -57, 37, -11, -57, -~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.0, -6.4, -6.4, -7.2, 7.4, -1.7, ~
## $ oty_avg_annual_pay_chg           <dbl> 772, -2584, -2584, -2989, 1918, -5~
## $ oty_avg_annual_pay_pct_chg       <dbl> 3.0, -6.4, -6.4, -7.2, 7.4, -1.7, ~
## Fips loop: 1.714 sec elapsed
## [1] "'Middle' loop with FIPS = 36087"

## Rows: 692 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 692
## Columns: 43
## $ area_fips                        <dbl> 36087, 36087, 36087, 36087, 36087,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Rockland County, New York", "Rock~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 7829, 32, 32, 26, 6, 26, 26, 26, 2~
## $ annual_avg_emplvl                <dbl> 96394, 850, 850, 801, 48, 801, 801~
## $ total_annual_wages               <dbl> 3082636648, 32306428, 32306428, 30~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 615, 731, 731, 729, 766, 729, 729,~
## $ avg_annual_pay                   <dbl> 31980, 38030, 38030, 37921, 39839,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.57, 0.58, 1.27, 0.20, 1.30~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.34, 0.35, 1.00, 0.04, 1.09~
## $ lq_total_annual_wages            <dbl> 1.00, 0.30, 0.31, 0.95, 0.03, 1.00~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.87, 0.87, 0.94, 0.87, 0.92~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.87, 0.87, 0.94, 0.87, 0.92~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 91, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.2, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> -120, 7, 7, 12, -6, 12, 12, 12, 12~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> -0.1, 0.8, 0.8, 1.5, -11.1, 1.5, 1~
## $ oty_total_annual_wages_chg       <dbl> 28420029, -1229460, -1229460, -889~
## $ oty_total_annual_wages_pct_chg   <dbl> 0.9, -3.7, -3.7, -2.8, -15.1, -2.8~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 6, -34, -34, -33, -40, -33, -33, -~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 1.0, -4.4, -4.4, -4.3, -5.0, -4.3,~
## $ oty_avg_annual_pay_chg           <dbl> 335, -1756, -1756, -1720, -2063, -~
## $ oty_avg_annual_pay_pct_chg       <dbl> 1.1, -4.4, -4.4, -4.3, -4.9, -4.3,~
## Fips loop: 1.996 sec elapsed
## [1] "'Middle' loop with FIPS = 36103"

## Rows: 1340 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (9): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (1): disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,340
## Columns: 43
## $ area_fips                        <dbl> 36103, 36103, 36103, 36103, 36103,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1025",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Suffolk County, New York", "Suffo~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 39398, 124, 124, 97, 1, 1, 24, 97,~
## $ annual_avg_emplvl                <dbl> 507263, 11090, 11090, 3028, 2084, ~
## $ total_annual_wages               <dbl> 15595068302, 403987578, 403987578,~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 591, 701, 701, 721, 933, 540, 610,~
## $ avg_annual_pay                   <dbl> 30744, 36429, 36429, 37494, 48530,~
## $ lq_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.44, 0.44, 0.94, 0.39, 0.18~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.85, 0.88, 0.72, 1.78, 0.24~
## $ lq_total_annual_wages            <dbl> 1.00, 0.74, 0.76, 0.70, 1.98, 0.31~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.87, 0.87, 0.97, 1.11, 1.29~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.87, 0.87, 0.97, 1.11, 1.29~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 764, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_emplvl_chg        <dbl> 10378, 183, 183, -6, -97, -4, 297,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 2.1, 1.7, 1.7, -0.2, -4.4, -6.0, 5~
## $ oty_total_annual_wages_chg       <dbl> 837642122, 662431, 662431, -184462~
## $ oty_total_annual_wages_pct_chg   <dbl> 5.7, 0.2, 0.2, -1.6, -3.1, 6.6, 3.~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 20, -10, -10, -10, 12, 64, -13, -1~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.5, -1.4, -1.4, -1.4, 1.3, 13.4, ~
## $ oty_avg_annual_pay_chg           <dbl> 1044, -549, -549, -535, 653, 3330,~
## $ oty_avg_annual_pay_pct_chg       <dbl> 3.5, -1.5, -1.5, -1.4, 1.4, 13.4, ~
## Fips loop: 2.852 sec elapsed
## [1] "'Middle' loop with FIPS = 36111"
```

```
## Rows: 488 Columns: 43

## -- Column specification ----------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 488
## Columns: 43
## $ area_fips                       <dbl> 36111, 36111, 36111, 36111, 36111,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Ulster County, New York", "Ulster~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 4255, 41, 41, 34, 7, 34, 34, 34, 3~
## $ annual_avg_emplvl               <dbl> 54919, 338, 338, 282, 57, 282, 282~
## $ total_annual_wages              <dbl> 1295082298, 11898422, 11898422, 98~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 453, 676, 676, 674, 690, 674, 674,~
## $ avg_annual_pay                  <dbl> 23582, 35168, 35168, 35025, 35882,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 1.35, 1.36, 3.05, 0.43, 3.12~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.24, 0.25, 0.62, 0.08, 0.67~
## $ lq_total_annual_wages           <dbl> 1.00, 0.26, 0.27, 0.73, 0.08, 0.78~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.10, 1.10, 1.18, 1.06, 1.15~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.10, 1.10, 1.18, 1.06, 1.15~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 41, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_emplvl_chg       <dbl> -722, 12, 12, 6, 7, 6, 6, 6, 6, 6,~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> -1.3, 3.7, 3.7, 2.2, 14.0, 2.2, 2.~
## $ oty_total_annual_wages_chg      <dbl> -41699895, 278491, 278491, 95366, ~
## $ oty_total_annual_wages_pct_chg  <dbl> -3.1, 2.4, 2.4, 1.0, 9.9, 1.0, 1.0~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> -9, -10, -10, -7, -24, -7, -7, -7,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> -1.9, -1.5, -1.5, -1.0, -3.4, -1.0~
```

```
## $ oty_avg_annual_pay_chg              <dbl> -443, -503, -503, -384, -1249, -38~
## $ oty_avg_annual_pay_pct_chg          <dbl> -1.8, -1.4, -1.4, -1.1, -3.4, -1.1~
## Fips loop: 1.478 sec elapsed
## [1] "'Middle' loop with FIPS = 36117"

## Rows: 263 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 263
## Columns: 43
## $ area_fips                          <dbl> 36117, 36117, 36117, 36117, 36117,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Wayne County, New York", "Wayne C~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 1765, 22, 22, 16, 6, 16, 16, 16, 1~
## $ annual_avg_emplvl                  <dbl> 28754, 110, 110, 97, 13, 97, 97, 9~
## $ total_annual_wages                 <dbl> 672828258, 3829461, 3829461, 34784~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 450, 672, 672, 693, 516, 693, 693,~
## $ avg_annual_pay                     <dbl> 23400, 34946, 34946, 36046, 26830,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 1.75, 1.76, 3.46, 0.89, 3.54~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.15, 0.15, 0.41, 0.04, 0.44~
## $ lq_total_annual_wages              <dbl> 1.00, 0.16, 0.17, 0.50, 0.03, 0.53~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.10, 1.10, 1.22, 0.80, 1.19~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.10, 1.10, 1.22, 0.80, 1.20~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 67, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.9, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg          <dbl> 573, -3, -3, 0, -4, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 2.0, -2.7, -2.7, 0.0, -23.5, 0.0, ~
## $ oty_total_annual_wages_chg         <dbl> 21518961, 17368, 17368, 78636, -61~
## $ oty_total_annual_wages_pct_chg     <dbl> 3.3, 0.5, 0.5, 2.3, -14.9, 2.3, 2.~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg            <dbl> 6, 26, 26, 16, 45, 16, 16, 16, 16,~
## $ oty_annual_avg_wkly_wage_pct_chg        <dbl> 1.4, 4.0, 4.0, 2.4, 9.6, 2.4, 2.4,~
## $ oty_avg_annual_pay_chg                  <dbl> 288, 1335, 1335, 845, 2337, 845, 8~
## $ oty_avg_annual_pay_pct_chg              <dbl> 1.2, 4.0, 4.0, 2.4, 9.5, 2.4, 2.4,~
## Fips loop: 0.887 sec elapsed
## [1] "'Middle' loop with FIPS = 36119"

## Rows: 1159 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,159
## Columns: 43
## $ area_fips                     <dbl> 36119, 36119, 36119, 36119, 36119,~
## $ own_code                      <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                 <chr> "10", "10", "102", "1021", "1025",~
## $ agglvl_code                   <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                          <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                           <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                    <chr> "Westchester County, New York", "W~
## $ own_title                     <chr> "Total Covered", "Federal Governme~
## $ industry_title                <chr> "Total, all industries", "Total, a~
## $ agglvl_title                  <chr> "County, Total Covered", "County, ~
## $ size_title                    <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count       <dbl> 31165, 69, 69, 54, 1, 14, 54, 54, ~
## $ annual_avg_emplvl             <dbl> 370413, 5843, 5843, 3839, 1517, 48~
## $ total_annual_wages            <dbl> 13265704811, 232896246, 232896246,~
## $ taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage          <dbl> 689, 767, 767, 712, 866, 890, 712,~
## $ avg_annual_pay                <dbl> 35813, 39861, 39861, 37007, 45028,~
## $ lq_disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count    <dbl> 1.00, 0.31, 0.31, 0.66, 0.49, 0.12~
## $ lq_annual_avg_emplvl          <dbl> 1.00, 0.62, 0.63, 1.25, 1.77, 0.10~
## $ lq_total_annual_wages         <dbl> 1.00, 0.50, 0.52, 1.03, 1.57, 0.09~
## $ lq_taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage       <dbl> 1.00, 0.82, 0.82, 0.82, 0.89, 0.90~
## $ lq_avg_annual_pay             <dbl> 1.00, 0.82, 0.82, 0.82, 0.89, 0.90~
## $ oty_disclosure_code           <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 382, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.2, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg     <dbl> 3938, 5, 5, 45, -27, -15, 45, 45, ~
## $ oty_annual_avg_emplvl_pct_chg <dbl> 1.1, 0.1, 0.1, 1.2, -1.7, -3.0, 1.~
```

```
## $ oty_total_annual_wages_chg          <dbl> 654563779, -5558109, -5558109, -20~
## $ oty_total_annual_wages_pct_chg      <dbl> 5.2, -2.3, -2.3, -1.5, -4.1, -2.4,~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 27, -18, -18, -19, -21, 4, -19, -1~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 4.1, -2.3, -2.3, -2.6, -2.4, 0.5, ~
## $ oty_avg_annual_pay_chg              <dbl> 1401, -981, -981, -989, -1120, 213~
## $ oty_avg_annual_pay_pct_chg          <dbl> 4.1, -2.4, -2.4, -2.6, -2.4, 0.5, ~
## Fips loop: 2.788 sec elapsed
## [1] "'Middle' loop with FIPS = 37013"

## Rows: 221 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 221
## Columns: 43
## $ area_fips                    <dbl> 37013, 37013, 37013, 37013, 37013,~
## $ own_code                     <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                  <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                         <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                          <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                   <chr> "Beaufort County, North Carolina",~
## $ own_title                    <chr> "Total Covered", "Federal Governme~
## $ industry_title               <chr> "Total, all industries", "Total, a~
## $ agglvl_title                 <chr> "County, Total Covered", "County, ~
## $ size_title                   <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count      <dbl> 1057, 21, 21, 8, 1, 1, 11, 8, 8, 8~
## $ annual_avg_emplvl            <dbl> 17588, 132, 132, 92, 3, 7, 30, 92,~
## $ total_annual_wages           <dbl> 357123120, 4068728, 4068728, 27352~
## $ taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage         <dbl> 390, 592, 592, 574, 715, 694, 613,~
## $ avg_annual_pay               <dbl> 20305, 30804, 30804, 29839, 37175,~
## $ lq_disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count   <dbl> 1.00, 2.79, 2.81, 2.89, 3.85, 5.62~
## $ lq_annual_avg_emplvl         <dbl> 1.00, 0.29, 0.30, 0.63, 0.72, 0.72~
## $ lq_total_annual_wages        <dbl> 1.00, 0.33, 0.34, 0.74, 0.86, 0.93~
## $ lq_taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage      <dbl> 1.00, 1.11, 1.11, 1.17, 1.07, 1.36~
## $ lq_avg_annual_pay            <dbl> 1.00, 1.11, 1.12, 1.17, 1.07, 1.36~
## $ oty_disclosure_code          <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg     <dbl> 13, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.2, 5.0, 5.0, 0.0, 0.0, 0.0, 10.0~
## $ oty_annual_avg_emplvl_chg           <dbl> 66, 2, 2, 3, -1, 1, -2, 3, 3, 3, 3~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 0.4, 1.5, 1.5, 3.4, -25.0, 16.7, -~
## $ oty_total_annual_wages_chg          <dbl> 14761620, 36687, 36687, 20975, 953~
## $ oty_total_annual_wages_pct_chg      <dbl> 4.3, 0.9, 0.9, 0.8, 8.3, 11.3, -1.~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 14, -3, -3, -13, 87, 11, 18, -13, ~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 3.7, -0.5, -0.5, -2.2, 13.9, 1.6, ~
## $ oty_avg_annual_pay_chg              <dbl> 766, -113, -113, -687, 4493, 549, ~
## $ oty_avg_annual_pay_pct_chg          <dbl> 3.9, -0.4, -0.4, -2.3, 13.7, 1.5, ~
## Fips loop: 0.761 sec elapsed
## [1] "'Middle' loop with FIPS = 37015"

## Rows: 88 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 88
## Columns: 43
## $ area_fips                 <dbl> 37015, 37015, 37015, 37015, 37015,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Bertie County, North Carolina", "~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 356, 14, 14, 6, 1, 7, 6, 6, 6, 6, ~
## $ annual_avg_emplvl         <dbl> 7259, 112, 112, 40, 4, 68, 40, 40,~
## $ total_annual_wages        <dbl> 121995705, 3352194, 3352194, 11030~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage      <dbl> 323, 576, 576, 528, 537, 607, 528,~
## $ avg_annual_pay            <dbl> 16807, 29953, 29953, 27462, 27927,~
## $ lq_disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 5.53, 5.55, 6.42, 11.42, 5.1~
## $ lq_annual_avg_emplvl      <dbl> 1.00, 0.60, 0.62, 0.67, 2.33, 0.73~
## $ lq_total_annual_wages     <dbl> 1.00, 0.79, 0.81, 0.87, 2.35, 0.94~
## $ lq_taxable_annual_wages   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 1.31, 1.31, 1.30, 0.97, 1.31~
## $ lq_avg_annual_pay                    <dbl> 1.00, 1.31, 1.31, 1.30, 0.97, 1.31~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 10, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 2.9, 7.7, 7.7, 0.0, 0.0, 16.7, 0.0~
## $ oty_annual_avg_emplvl_chg            <dbl> 270, 2, 2, 1, -1, 2, 1, 1, 1, 1, 1~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 3.9, 1.8, 1.8, 2.6, -20.0, 3.0, 2.~
## $ oty_total_annual_wages_chg           <dbl> 8958119, 98846, 98846, 30444, -375~
## $ oty_total_annual_wages_pct_chg       <dbl> 7.9, 3.0, 3.0, 2.8, -24.4, 5.2, 2.~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 12, 6, 6, 1, -36, 12, 1, 1, 1, 1, ~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 3.9, 1.1, 1.1, 0.2, -6.3, 2.0, 0.2~
## $ oty_avg_annual_pay_chg               <dbl> 633, 332, 332, 76, -1854, 613, 76,~
## $ oty_avg_annual_pay_pct_chg           <dbl> 3.9, 1.1, 1.1, 0.3, -6.2, 2.0, 0.3~
## Fips loop: 0.386 sec elapsed
## [1] "'Middle' loop with FIPS = 37019"

## Rows: 275 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 275
## Columns: 43
## $ area_fips                <dbl> 37019, 37019, 37019, 37019, 37019,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Brunswick County, North Carolina"~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 1402, 16, 16, 8, 1, 7, 8, 7, 7, 7,~
## $ annual_avg_emplvl        <dbl> 17630, 351, 351, 337, 4, 10, 337, ~
## $ total_annual_wages       <dbl> 403722159, 11368679, 11368679, 109~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage     <dbl> 440, 622, 622, 623, 675, 596, 623,~
## $ avg_annual_pay           <dbl> 22899, 32366, 32366, 32374, 35085,~
## $ lq_disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 1.60, 1.61, 2.18, 2.90, 1.31~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.78, 0.80, 2.31, 0.96, 0.04~
## $ lq_total_annual_wages            <dbl> 1.00, 0.81, 0.83, 2.60, 0.86, 0.04~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.04, 1.04, 1.12, 0.89, 0.94~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.04, 1.04, 1.12, 0.89, 0.94~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 87, 2, 2, 0, 0, 2, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 6.6, 14.3, 14.3, 0.0, 0.0, 40.0, 0~
## $ oty_annual_avg_emplvl_chg        <dbl> 956, -27, -27, -27, 0, 0, -27, 8, ~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 5.7, -7.1, -7.1, -7.4, 0.0, 0.0, -~
## $ oty_total_annual_wages_chg       <dbl> 23921621, -1412926, -1412926, -134~
## $ oty_total_annual_wages_pct_chg   <dbl> 6.3, -11.1, -11.1, -11.0, -8.6, -1~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 2, -28, -28, -25, -34, -92, -25, -~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 0.5, -4.3, -4.3, -3.9, -4.8, -13.4~
## $ oty_avg_annual_pay_chg           <dbl> 122, -1425, -1425, -1327, -1776, -~
## $ oty_avg_annual_pay_pct_chg       <dbl> 0.5, -4.2, -4.2, -3.9, -4.8, -13.4~
## Fips loop: 0.919 sec elapsed
## [1] "'Middle' loop with FIPS = 37029"

## Rows: 70 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 70
## Columns: 43
## $ area_fips              <dbl> 37029, 37029, 37029, 37029, 37029,~
## $ own_code               <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code          <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code            <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                   <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                    <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title             <chr> "Camden County, North Carolina", "~
## $ own_title              <chr> "Total Covered", "Federal Governme~
## $ industry_title         <chr> "Total, all industries", "Total, a~
## $ agglvl_title           <chr> "County, Total Covered", "County, ~
## $ size_title             <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count <dbl> 151, 8, 8, 4, 4, 4, 4, 4, 4, 4, 4,~
## $ annual_avg_emplvl      <dbl> 1339, 15, 15, 11, 4, 11, 11, 11, 1~
## $ total_annual_wages     <dbl> 22379716, 368668, 368668, 275053, ~
## $ taxable_annual_wages   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 321, 470, 470, 470, 470, 470, 470,~
## $ avg_annual_pay                   <dbl> 16716, 24442, 24442, 24449, 24421,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 7.45, 7.48, 10.10, 6.95, 10.~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.44, 0.45, 0.99, 0.23, 1.08~
## $ lq_total_annual_wages            <dbl> 1.00, 0.47, 0.49, 1.18, 0.23, 1.25~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.08, 1.08, 1.16, 1.02, 1.14~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.07, 1.07, 1.16, 1.02, 1.13~
## $ oty_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> -8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_emplvl_chg        <dbl> 138, -4, -4, 0, -4, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 11.5, -21.1, -21.1, 0.0, -50.0, 0.~
## $ oty_total_annual_wages_chg       <dbl> 3367436, -109352, -109352, 1514, -~
## $ oty_total_annual_wages_pct_chg   <dbl> 17.7, -22.9, -22.9, 0.6, -54.2, 0.~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 17, -16, -16, 6, -49, 6, 6, 6, 6, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 5.6, -3.3, -3.3, 1.3, -9.4, 1.3, 1~
## $ oty_avg_annual_pay_chg           <dbl> 882, -828, -828, 313, -2544, 313, ~
## $ oty_avg_annual_pay_pct_chg       <dbl> 5.6, -3.3, -3.3, 1.3, -9.4, 1.3, 1~
## Fips loop: 0.399 sec elapsed
## [1] "'Middle' loop with FIPS = 37031"

## Rows: 302 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 302
## Columns: 43
## $ area_fips              <dbl> 37031, 37031, 37031, 37031, 37031,~
## $ own_code               <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code          <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code            <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                   <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                    <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title             <chr> "Carteret County, North Carolina",~
## $ own_title              <chr> "Total Covered", "Federal Governme~
## $ industry_title         <chr> "Total, all industries", "Total, a~
## $ agglvl_title           <chr> "County, Total Covered", "County, ~
## $ size_title             <chr> "All establishment sizes", "All es~
```

```
## $ annual_avg_estabs_count          <dbl> 1735, 28, 28, 9, 6, 4, 9, 9, 9, 9,~
## $ annual_avg_emplvl               <dbl> 19078, 252, 252, 103, 108, 29, 12,~
## $ total_annual_wages              <dbl> 317475055, 8499764, 8499764, 31696~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 320, 649, 649, 594, 800, 267, 690,~
## $ avg_annual_pay                  <dbl> 16641, 33752, 33752, 30899, 41617,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 2.27, 2.28, 1.98, 20.55, 16.~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.52, 0.53, 0.65, 10.27, 2.9~
## $ lq_total_annual_wages           <dbl> 1.00, 0.77, 0.79, 0.96, 19.62, 3.5~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.49, 1.49, 1.47, 1.91, 1.18~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.49, 1.49, 1.48, 1.91, 1.18~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 78, 2, 2, 0, 1, 1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.7, 7.7, 7.7, 0.0, 20.0, 33.3, 0.~
## $ oty_annual_avg_emplvl_chg       <dbl> 820, 9, 9, 5, 0, 5, -1, 5, 5, 5, 5~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 4.5, 3.7, 3.7, 5.1, 0.0, 20.8, -7.~
## $ oty_total_annual_wages_chg      <dbl> 26550363, 563386, 563386, 76902, 4~
## $ oty_total_annual_wages_pct_chg  <dbl> 9.1, 7.1, 7.1, 2.5, 10.7, 23.9, -6~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 14, 20, 20, -16, 78, 4, 17, -16, -~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 4.6, 3.2, 3.2, -2.6, 10.8, 1.5, 2.~
## $ oty_avg_annual_pay_chg          <dbl> 707, 1047, 1047, -822, 4060, 234, ~
## $ oty_avg_annual_pay_pct_chg      <dbl> 4.4, 3.2, 3.2, -2.6, 10.8, 1.7, 2.~
## Fips loop: 0.979 sec elapsed
## [1] "'Middle' loop with FIPS = 37041"

## Rows: 103 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 103
## Columns: 43
## $ area_fips        <dbl> 37041, 37041, 37041, 37041, 37041,~
## $ own_code         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code    <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code      <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title       <chr> "Chowan County, North Carolina", "~
```

```
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 365, 7, 7, 3, 4, 3, 3, 3, 3, 3, 4,~
## $ annual_avg_emplvl              <dbl> 5261, 41, 41, 24, 18, 24, 24, 24, ~
## $ total_annual_wages             <dbl> 102060293, 1223876, 1223876, 70021~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 373, 572, 572, 571, 573, 571, 571,~
## $ avg_annual_pay                 <dbl> 19400, 29730, 29730, 29691, 29782,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 2.70, 2.71, 3.13, 2.88, 3.21~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 0.30, 0.31, 0.55, 0.27, 0.60~
## $ lq_total_annual_wages          <dbl> 1.00, 0.34, 0.35, 0.66, 0.28, 0.70~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 1.13, 1.13, 1.22, 1.07, 1.19~
## $ lq_avg_annual_pay              <dbl> 1.00, 1.13, 1.13, 1.22, 1.07, 1.19~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.1, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg      <dbl> -9, -2, -2, 1, -2, 1, 1, 1, 1, 1, ~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> -0.2, -4.7, -4.7, 4.3, -10.0, 4.3,~
## $ oty_total_annual_wages_chg     <dbl> 3159963, -105079, -105079, 4375, -~
## $ oty_total_annual_wages_pct_chg <dbl> 3.2, -7.9, -7.9, 0.6, -17.3, 0.6, ~
## $ oty_taxable_annual_wages_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg   <dbl> 12, -22, -22, -17, -28, -17, -17, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.3, -3.7, -3.7, -2.9, -4.7, -2.9,~
## $ oty_avg_annual_pay_chg         <dbl> 632, -1176, -1176, -895, -1483, -8~
## $ oty_avg_annual_pay_pct_chg     <dbl> 3.4, -3.8, -3.8, -2.9, -4.7, -2.9,~
## Fips loop: 0.44 sec elapsed
## [1] "'Middle' loop with FIPS = 37049"

## Rows: 351 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 351
## Columns: 43
## $ area_fips                      <dbl> 37049, 37049, 37049, 37049, 37049,~
## $ own_code                       <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                  <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                    <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Craven County, North Carolina", "~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 1912, 23, 23, 7, 1, 1, 14, 1, 1, 1~
## $ annual_avg_emplvl               <dbl> 34240, 5932, 5932, 641, 12, 40, 52~
## $ total_annual_wages              <dbl> 833997997, 252148303, 252148303, 1~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 468, 817, 817, 354, 675, 226, 879,~
## $ avg_annual_pay                  <dbl> 24357, 42509, 42509, 18419, 35080,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 1.69, 1.70, 1.40, 2.13, 8.03~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 6.77, 6.95, 2.26, 1.48, 0.50~
## $ lq_total_annual_wages           <dbl> 1.00, 8.68, 8.92, 1.36, 1.26, 0.17~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.28, 1.28, 0.60, 0.84, 0.34~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.28, 1.28, 0.60, 0.84, 0.34~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 73, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.0, 4.5, 4.5, 0.0, 0.0, 0.0, 7.7,~
## $ oty_annual_avg_emplvl_chg       <dbl> 1859, 560, 560, -6, 0, 3, 563, -13~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 5.7, 10.4, 10.4, -0.9, 0.0, 8.1, 1~
## $ oty_total_annual_wages_chg      <dbl> 83566726, 42408530, 42408530, -591~
## $ oty_total_annual_wages_pct_chg  <dbl> 11.1, 20.2, 20.2, -0.5, 11.5, 24.3~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 22, 66, 66, 2, 70, 27, 68, -1, -1,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 4.9, 8.8, 8.8, 0.6, 11.6, 13.6, 8.~
## $ oty_avg_annual_pay_chg          <dbl> 1182, 3465, 3465, 105, 3617, 1392,~
## $ oty_avg_annual_pay_pct_chg      <dbl> 5.1, 8.9, 8.9, 0.6, 11.5, 13.5, 8.~
## Fips loop: 1.12 sec elapsed
## [1] "'Middle' loop with FIPS = 37053"

## Rows: 84 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 84
## Columns: 43
## $ area_fips                       <dbl> 37053, 37053, 37053, 37053, 37053,~
```

```
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Currituck County, North Carolina"~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 300, 12, 12, 9, 3, 9, 9, 9, 9, 9, ~
## $ annual_avg_emplvl                  <dbl> 2865, 47, 47, 38, 10, 38, 38, 38, ~
## $ total_annual_wages                 <dbl> 49305271, 1179259, 1179259, 967070~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 331, 481, 481, 494, 430, 494, 494,~
## $ avg_annual_pay                     <dbl> 17212, 25002, 25002, 25674, 22336,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 5.62, 5.65, 11.44, 2.62, 11.~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.64, 0.66, 1.60, 0.27, 1.74~
## $ lq_total_annual_wages              <dbl> 1.00, 0.69, 0.71, 1.89, 0.23, 2.00~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.07, 1.07, 1.19, 0.90, 1.16~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.07, 1.07, 1.19, 0.90, 1.16~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 12, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.2, 9.1, 9.1, 12.5, 0.0, 12.5, 12~
## $ oty_annual_avg_emplvl_chg          <dbl> 151, 1, 1, 2, 0, 2, 2, 2, 2, 2, 0,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 5.6, 2.2, 2.2, 5.6, 0.0, 5.6, 5.6,~
## $ oty_total_annual_wages_chg         <dbl> 4187150, 66235, 66235, 60101, 6134~
## $ oty_total_annual_wages_pct_chg     <dbl> 9.3, 6.0, 6.0, 6.6, 3.0, 6.6, 6.6,~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 11, 13, 13, 5, 37, 5, 5, 5, 5, 5, ~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 3.4, 2.8, 2.8, 1.0, 9.4, 1.0, 1.0,~
## $ oty_avg_annual_pay_chg             <dbl> 590, 674, 674, 245, 1901, 245, 245~
## $ oty_avg_annual_pay_pct_chg         <dbl> 3.5, 2.8, 2.8, 1.0, 9.3, 1.0, 1.0,~
## Fips loop: 0.394 sec elapsed
## [1] "'Middle' loop with FIPS = 37055"

## Rows: 251 Columns: 43

## ── Column specification ────────────────────────────────────────────────
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## ℹ Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 251
## Columns: 43
## $ area_fips                          <dbl> 37055, 37055, 37055, 37055, 37055,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Dare County, North Carolina", "Da~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 1403, 23, 23, 11, 2, 4, 6, 11, 11,~
## $ annual_avg_emplvl                  <dbl> 13723, 199, 199, 53, 15, 98, 34, 5~
## $ total_annual_wages                 <dbl> 231131436, 4135520, 4135520, 15390~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 324, 399, 399, 562, 906, 274, 291,~
## $ avg_annual_pay                     <dbl> 16843, 20764, 20764, 29223, 47113,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 2.30, 2.31, 2.99, 8.47, 20.1~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.57, 0.58, 0.47, 1.98, 13.8~
## $ lq_total_annual_wages              <dbl> 1.00, 0.51, 0.53, 0.64, 4.12, 16.6~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.90, 0.90, 1.38, 2.13, 1.19~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.91, 0.91, 1.38, 2.14, 1.20~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 74, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.6, 4.5, 4.5, 0.0, 0.0, 0.0, 20.0~
## $ oty_annual_avg_emplvl_chg          <dbl> 660, -17, -17, 1, -5, -16, 4, 1, 1~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 5.1, -7.9, -7.9, 1.9, -25.0, -14.0~
## $ oty_total_annual_wages_chg         <dbl> 18088407, -358617, -358617, -72289~
## $ oty_total_annual_wages_pct_chg     <dbl> 8.5, -8.0, -8.0, -4.5, -25.3, -7.8~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 10, -2, -2, -40, 21, 18, 7, -40, -~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 3.2, -0.5, -0.5, -6.6, 2.4, 7.0, 2~
## $ oty_avg_annual_pay_chg             <dbl> 535, -74, -74, -2066, 1107, 945, 3~
## $ oty_avg_annual_pay_pct_chg         <dbl> 3.3, -0.4, -0.4, -6.6, 2.4, 7.1, 2~
## Fips loop: 0.84 sec elapsed
## [1] "'Middle' loop with FIPS = 37073"

## Rows: 57 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 57
## Columns: 43
## $ area_fips                        <dbl> 37073, 37073, 37073, 37073, 37073,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Gates County, North Carolina", "G~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 160, 8, 8, 5, 3, 5, 5, 5, 5, 5, 3,~
## $ annual_avg_emplvl                <dbl> 1538, 32, 32, 25, 7, 25, 25, 25, 2~
## $ total_annual_wages               <dbl> 27469674, 831621, 831621, 640024, ~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 343, 500, 500, 486, 553, 486, 486,~
## $ avg_annual_pay                   <dbl> 17860, 25988, 25988, 25264, 28740,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 7.03, 7.06, 11.91, 4.92, 12.~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.81, 0.83, 1.97, 0.35, 2.13~
## $ lq_total_annual_wages            <dbl> 1.00, 0.87, 0.89, 2.24, 0.38, 2.37~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.07, 1.07, 1.13, 1.12, 1.10~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.07, 1.07, 1.12, 1.12, 1.10~
## $ oty_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.6, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> -9, -1, -1, 0, -1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> -0.6, -3.0, -3.0, 0.0, -12.5, 0.0,~
## $ oty_total_annual_wages_chg       <dbl> 1285214, -62968, -62968, -1468, -6~
## $ oty_total_annual_wages_pct_chg   <dbl> 4.9, -7.0, -7.0, -0.2, -24.3, -0.2~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 17, -20, -20, -7, -49, -7, -7, -7,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 5.2, -3.8, -3.8, -1.4, -8.1, -1.4,~
## $ oty_avg_annual_pay_chg           <dbl> 932, -1052, -1052, -396, -2571, -3~
## $ oty_avg_annual_pay_pct_chg       <dbl> 5.5, -3.9, -3.9, -1.5, -8.2, -1.5,~
## Fips loop: 0.285 sec elapsed
## [1] "'Middle' loop with FIPS = 37091"
```

```
## Rows: 139 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 139
## Columns: 43
## $ area_fips                        <dbl> 37091, 37091, 37091, 37091, 37091,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Hertford County, North Carolina",~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 551, 11, 11, 5, 1, 5, 5, 5, 5, 5, ~
## $ annual_avg_emplvl                <dbl> 8299, 66, 66, 41, 2, 23, 41, 41, 4~
## $ total_annual_wages               <dbl> 152500379, 2105307, 2105307, 13103~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 353, 611, 611, 613, 564, 612, 613,~
## $ avg_annual_pay                   <dbl> 18375, 31778, 31778, 31894, 29331,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 2.81, 2.82, 3.46, 7.38, 2.38~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.31, 0.32, 0.60, 1.02, 0.22~
## $ lq_total_annual_wages            <dbl> 1.00, 0.40, 0.41, 0.83, 1.03, 0.26~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.27, 1.27, 1.38, 0.93, 1.21~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.27, 1.27, 1.38, 0.93, 1.20~
## $ oty_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 14, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.6, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 139, -4, -4, -3, -2, 0, -3, -3, -3~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 1.7, -5.7, -5.7, -6.8, -50.0, 0.0,~
## $ oty_total_annual_wages_chg       <dbl> 8177528, -53339, -53339, -13070, -~
## $ oty_total_annual_wages_pct_chg   <dbl> 5.7, -2.5, -2.5, -1.0, -49.5, 3.1,~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 13, 19, 19, 28, -82, 17, 28, 28, 2~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.8, 3.2, 3.2, 4.8, -12.7, 2.9, 4.~
```

```
## $ oty_avg_annual_pay_chg                    <dbl> 689, 1013, 1013, 1472, -4240, 847,~
## $ oty_avg_annual_pay_pct_chg                <dbl> 3.9, 3.3, 3.3, 4.8, -12.6, 2.7, 4.~
## Fips loop: 0.53 sec elapsed
## [1] "'Middle' loop with FIPS = 37095"

## Rows: 60 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 60
## Columns: 43
## $ area_fips                         <dbl> 37095, 37095, 37095, 37095, 37095,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Hyde County, North Carolina", "Hy~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 184, 10, 10, 5, 1, 1, 3, 5, 5, 5, ~
## $ annual_avg_emplvl                 <dbl> 1740, 40, 40, 16, 1, 12, 11, 16, 1~
## $ total_annual_wages                <dbl> 25777962, 786061, 786061, 455490, ~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 285, 380, 380, 550, 473, 241, 279,~
## $ avg_annual_pay                    <dbl> 14813, 19775, 19775, 28617, 24613,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 7.64, 7.67, 10.36, 22.10, 38~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.90, 0.92, 1.11, 2.43, 13.4~
## $ lq_total_annual_wages             <dbl> 1.00, 0.88, 0.90, 1.70, 1.96, 15.9~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 0.98, 0.98, 1.53, 0.97, 1.19~
## $ lq_avg_annual_pay                 <dbl> 1.00, 0.98, 0.98, 1.54, 0.97, 1.20~
## $ oty_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.7, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> 63, -4, -4, 0, 0, -4, 0, 0, 0, 0, ~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 3.8, -9.1, -9.1, 0.0, 0.0, -25.0, ~
## $ oty_total_annual_wages_chg        <dbl> 2770534, 10811, 10811, 34607, -393~
## $ oty_total_annual_wages_pct_chg    <dbl> 12.0, 1.4, 1.4, 8.2, -16.1, -12.5,~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 21, 38, 38, 28, 3, 38, -1, 28, 28,~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 8.0, 11.1, 11.1, 5.4, 0.6, 18.7, -~
## $ oty_avg_annual_pay_chg                <dbl> 1091, 1987, 1987, 1463, 169, 1972,~
## $ oty_avg_annual_pay_pct_chg            <dbl> 8.0, 11.2, 11.2, 5.4, 0.7, 18.7, -~
## Fips loop: 0.334 sec elapsed
## [1] "'Middle' loop with FIPS = 37103"

## Rows: 71 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 71
## Columns: 43
## $ area_fips                       <dbl> 37103, 37103, 37103, 37103, 37103,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Jones County, North Carolina", "J~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 180, 9, 9, 5, 4, 5, 5, 5, 5, 5, 4,~
## $ annual_avg_emplvl               <dbl> 1730, 29, 29, 19, 10, 19, 19, 19, ~
## $ total_annual_wages              <dbl> 30871932, 824113, 824113, 521026, ~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 343, 542, 542, 521, 583, 521, 521,~
## $ avg_annual_pay                  <dbl> 17843, 28175, 28175, 27066, 30309,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 7.03, 7.06, 10.59, 5.83, 10.~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.65, 0.67, 1.33, 0.45, 1.44~
## $ lq_total_annual_wages           <dbl> 1.00, 0.77, 0.79, 1.62, 0.53, 1.72~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.16, 1.16, 1.21, 1.18, 1.18~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.16, 1.16, 1.21, 1.18, 1.18~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.7, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg       <dbl> 108, -1, -1, 1, -2, 1, 1, 1, 1, 1,~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 6.7, -3.3, -3.3, 5.6, -16.7, 5.6, ~
```

```
## $ oty_total_annual_wages_chg           <dbl> 3703431, -91271, -91271, -16754, -~
## $ oty_total_annual_wages_pct_chg       <dbl> 13.6, -10.0, -10.0, -3.1, -19.7, -~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 21, -42, -42, -43, -31, -43, -43, ~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 6.5, -7.2, -7.2, -7.6, -5.0, -7.6,~
## $ oty_avg_annual_pay_chg               <dbl> 1096, -2169, -2169, -2267, -1601, ~
## $ oty_avg_annual_pay_pct_chg           <dbl> 6.5, -7.1, -7.1, -7.7, -5.0, -7.7,~
## Fips loop: 0.341 sec elapsed
## [1] "'Middle' loop with FIPS = 37129"

## Rows: 662 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 662
## Columns: 43
## $ area_fips                            <dbl> 37129, 37129, 37129, 37129, 37129,~
## $ own_code                             <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                        <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                          <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                 <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                  <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                      <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                           <chr> "New Hanover County, North Carolin~
## $ own_title                            <chr> "Total Covered", "Federal Governme~
## $ industry_title                       <chr> "Total, all industries", "Total, a~
## $ agglvl_title                         <chr> "County, Total Covered", "County, ~
## $ size_title                           <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count              <dbl> 4795, 29, 29, 6, 1, 2, 20, 6, 6, 6~
## $ annual_avg_emplvl                    <dbl> 71591, 881, 881, 305, 3, 374, 199,~
## $ total_annual_wages                   <dbl> 1669770785, 36593563, 36593563, 11~
## $ taxable_annual_wages                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                 <dbl> 449, 799, 799, 704, 548, 808, 932,~
## $ avg_annual_pay                       <dbl> 23324, 41556, 41556, 36615, 28498,~
## $ lq_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count           <dbl> 1.00, 0.85, 0.85, 0.48, 0.85, 2.48~
## $ lq_annual_avg_emplvl                 <dbl> 1.00, 0.48, 0.49, 0.52, 0.18, 9.48~
## $ lq_total_annual_wages                <dbl> 1.00, 0.63, 0.65, 0.64, 0.12, 13.0~
## $ lq_taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 1.31, 1.31, 1.25, 0.71, 1.37~
## $ lq_avg_annual_pay                    <dbl> 1.00, 1.31, 1.31, 1.25, 0.71, 1.38~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg      <dbl> 288, 2, 2, 0, 0, 0, 2, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 6.4, 7.4, 7.4, 0.0, 0.0, 0.0, 11.1~
## $ oty_annual_avg_emplvl_chg            <dbl> 3516, 15, 15, 23, -3, -14, 8, 23, ~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 5.2, 1.7, 1.7, 8.2, -50.0, -3.6, 4~
## $ oty_total_annual_wages_chg           <dbl> 137207389, 1054809, 1054809, 47853~
## $ oty_total_annual_wages_pct_chg       <dbl> 9.0, 3.0, 3.0, 4.5, -62.0, -0.5, 8~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 16, 10, 10, -26, -152, 26, 39, -26~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 3.7, 1.3, 1.3, -3.6, -21.7, 3.3, 4~
## $ oty_avg_annual_pay_chg               <dbl> 811, 530, 530, -1367, -7909, 1372,~
## $ oty_avg_annual_pay_pct_chg           <dbl> 3.6, 1.3, 1.3, -3.6, -21.7, 3.4, 4~
## Fips loop: 1.901 sec elapsed
## [1] "'Middle' loop with FIPS = 37133"

## Rows: 364 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 364
## Columns: 43
## $ area_fips                <dbl> 37133, 37133, 37133, 37133, 37133,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Onslow County, North Carolina", "~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 2180, 22, 22, 8, 1, 2, 1, 10, 1, 1~
## $ annual_avg_emplvl        <dbl> 33537, 4435, 4435, 1992, 5, 92, 13~
## $ total_annual_wages       <dbl> 568660352, 98239905, 98239905, 297~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage     <dbl> 326, 426, 426, 287, 492, 211, 172,~
## $ avg_annual_pay           <dbl> 16956, 22151, 22151, 14936, 25604,~
## $ lq_disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 1.42, 1.43, 1.40, 1.87, 14.0~
## $ lq_annual_avg_emplvl     <dbl> 1.00, 5.17, 5.31, 7.18, 0.63, 1.19~
## $ lq_total_annual_wages    <dbl> 1.00, 4.96, 5.10, 5.03, 0.53, 0.54~
## $ lq_taxable_annual_wages  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.96, 0.96, 0.70, 0.88, 0.46~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.96, 0.96, 0.70, 0.88, 0.46~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 61, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.9, 4.8, 4.8, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 996, 13, 13, -71, -2, 0, 6, 79, -8~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 3.1, 0.3, 0.3, -3.4, -28.6, 0.0, 4~
## $ oty_total_annual_wages_chg       <dbl> 37490821, 1004264, 1004264, -42530~
## $ oty_total_annual_wages_pct_chg   <dbl> 7.1, 1.0, 1.0, -1.4, -29.6, 6.9, -~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 12, 3, 3, 6, -19, 13, -20, -8, 5, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.8, 0.7, 0.7, 2.1, -3.7, 6.6, -10~
## $ oty_avg_annual_pay_chg           <dbl> 633, 161, 161, 305, -992, 702, -10~
## $ oty_avg_annual_pay_pct_chg       <dbl> 3.9, 0.7, 0.7, 2.1, -3.7, 6.8, -10~
## Fips loop: 1.13 sec elapsed
## [1] "'Middle' loop with FIPS = 37137"

## Rows: 75 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 75
## Columns: 43
## $ area_fips                        <dbl> 37137, 37137, 37137, 37137, 37137,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Pamlico County, North Carolina", ~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 245, 11, 11, 6, 1, 4, 6, 6, 6, 6, ~
## $ annual_avg_emplvl                <dbl> 2614, 31, 31, 24, 1, 5, 24, 24, 24~
## $ total_annual_wages               <dbl> 40545580, 847417, 847417, 661490, ~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 298, 534, 534, 521, 851, 551, 521,~
## $ avg_annual_pay                   <dbl> 15514, 27784, 27784, 27092, 44251,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 6.31, 6.34, 9.34, 24.26, 4.2~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.46, 0.48, 1.11, 0.69, 0.15~
## $ lq_total_annual_wages              <dbl> 1.00, 0.60, 0.62, 1.57, 1.13, 0.20~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.32, 1.32, 1.39, 2.18, 1.29~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.32, 1.32, 1.39, 2.18, 1.28~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, "N", NA, NA, NA, N~
## $ oty_annual_avg_estabs_count_chg    <dbl> 11, 2, 2, 0, 0, 1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.7, 22.2, 22.2, 0.0, 0.0, 33.3, 0~
## $ oty_annual_avg_emplvl_chg          <dbl> 45, 1, 1, -1, 0, 0, -1, -1, -1, -1~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 1.8, 3.3, 3.3, -4.0, 0.0, 0.0, -4.~
## $ oty_total_annual_wages_chg         <dbl> 2647750, 61230, 61230, -4487, 0, 3~
## $ oty_total_annual_wages_pct_chg     <dbl> 7.0, 7.8, 7.8, -0.7, 0.0, 27.1, -0~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 14, 26, 26, 14, 0, 37, 14, 14, 14,~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 4.9, 5.1, 5.1, 2.8, 0.0, 7.2, 2.8,~
## $ oty_avg_annual_pay_chg             <dbl> 761, 1358, 1358, 717, 0, 1926, 717~
## $ oty_avg_annual_pay_pct_chg         <dbl> 5.2, 5.1, 5.1, 2.7, 0.0, 7.2, 2.7,~
## Fips loop: 0.363 sec elapsed
## [1] "'Middle' loop with FIPS = 37139"

## Rows: 214 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 214
## Columns: 43
## $ area_fips                <dbl> 37139, 37139, 37139, 37139, 37139,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Pasquotank County, North Carolina~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 823, 12, 12, 2, 1, 9, 2, 2, 2, 2, ~
## $ annual_avg_emplvl        <dbl> 12982, 644, 644, 60, 2, 582, 60, 6~
## $ total_annual_wages       <dbl> 256549507, 21750871, 21750871, 205~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                   <dbl> 380, 650, 650, 658, 918, 648, 658,~
## $ avg_annual_pay                         <dbl> 19763, 33775, 33775, 34230, 47720,~
## $ lq_disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count             <dbl> 1.00, 2.05, 2.06, 0.93, 7.22, 2.87~
## $ lq_annual_avg_emplvl                   <dbl> 1.00, 1.94, 1.99, 0.56, 0.28, 3.49~
## $ lq_total_annual_wages                  <dbl> 1.00, 2.43, 2.50, 0.77, 0.49, 4.13~
## $ lq_taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage                <dbl> 1.00, 1.26, 1.26, 1.38, 1.84, 1.19~
## $ lq_avg_annual_pay                      <dbl> 1.00, 1.26, 1.26, 1.38, 1.84, 1.18~
## $ oty_disclosure_code                    <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg        <dbl> 29, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg    <dbl> 3.7, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg              <dbl> 691, -7, -7, 2, 0, -8, 2, 2, 2, 2,~
## $ oty_annual_avg_emplvl_pct_chg          <dbl> 5.6, -1.1, -1.1, 3.4, 0.0, -1.4, 3~
## $ oty_total_annual_wages_chg             <dbl> 21849578, 648312, 648312, -4597, 6~
## $ oty_total_annual_wages_pct_chg         <dbl> 9.3, 3.1, 3.1, -0.2, 7.6, 3.4, -0.~
## $ oty_taxable_annual_wages_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg           <dbl> 13, 26, 26, -23, 101, 30, -23, -23~
## $ oty_annual_avg_wkly_wage_pct_chg       <dbl> 3.5, 4.2, 4.2, -3.4, 12.4, 4.9, -3~
## $ oty_avg_annual_pay_chg                 <dbl> 668, 1339, 1339, -1157, 5220, 1571~
## $ oty_avg_annual_pay_pct_chg             <dbl> 3.5, 4.1, 4.1, -3.3, 12.3, 4.9, -3~
## Fips loop: 0.728 sec elapsed
## [1] "'Middle' loop with FIPS = 37141"

## Rows: 158 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 158
## Columns: 43
## $ area_fips                  <dbl> 37141, 37141, 37141, 37141, 37141,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Pender County, North Carolina", "~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
```

```
## $ annual_avg_estabs_count          <dbl> 630, 13, 13, 5, 1, 1, 1, 5, 5, 5, ~
## $ annual_avg_emplvl                <dbl> 7106, 73, 73, 54, 5, 0, 5, 9, 54, ~
## $ total_annual_wages               <dbl> 124404270, 1993025, 1993025, 15304~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 337, 523, 523, 543, 616, 0, 219, 5~
## $ avg_annual_pay                   <dbl> 17507, 27209, 27209, 28255, 32052,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 2.90, 2.91, 3.03, 6.45, 9.43~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.40, 0.41, 0.92, 2.98, 0.00~
## $ lq_total_annual_wages            <dbl> 1.00, 0.46, 0.47, 1.18, 2.96, 0.00~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.14, 1.14, 1.28, 1.06, 0.00~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.14, 1.14, 1.28, 1.07, 0.00~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 44, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 7.5, 8.3, 8.3, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 376, -1, -1, 4, -4, -1, -2, 1, 4, ~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 5.6, -1.4, -1.4, 8.0, -44.4, -100.~
## $ oty_total_annual_wages_chg       <dbl> 5918973, -40314, -40314, 76805, -9~
## $ oty_total_annual_wages_pct_chg   <dbl> 5.0, -2.0, -2.0, 5.3, -39.6, -100.~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> -2, -2, -2, -16, 67, -705, -16, -8~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> -0.6, -0.4, -0.4, -2.9, 12.2, -100~
## $ oty_avg_annual_pay_chg           <dbl> -98, -115, -115, -818, 3486, -3666~
## $ oty_avg_annual_pay_pct_chg       <dbl> -0.6, -0.4, -0.4, -2.8, 12.2, -100~
## Fips loop: 0.597 sec elapsed
## [1] "'Middle' loop with FIPS = 37143"

## Rows: 73 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 73
## Columns: 43
## $ area_fips                        <dbl> 37143, 37143, 37143, 37143, 37143,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Perquimans County, North Carolina~
```

```
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 197, 7, 7, 3, 1, 3, 3, 3, 3, 3, 3,~
## $ annual_avg_emplvl                 <dbl> 1824, 38, 38, 23, 6, 9, 23, 23, 23~
## $ total_annual_wages                <dbl> 28458234, 1059570, 1059570, 603099~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 300, 541, 541, 504, 621, 585, 504,~
## $ avg_annual_pay                    <dbl> 15606, 28130, 28130, 26222, 32284,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 5.00, 5.02, 5.81, 20.64, 4.0~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.81, 0.84, 1.53, 13.93, 0.3~
## $ lq_total_annual_wages             <dbl> 1.00, 1.07, 1.10, 2.04, 15.38, 0.5~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.32, 1.32, 1.33, 1.21, 1.36~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.32, 1.32, 1.34, 1.20, 1.36~
## $ oty_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.2, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> -14, -1, -1, 1, -3, 0, 1, 1, 1, 1,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> -0.8, -2.6, -2.6, 4.5, -33.3, 0.0,~
## $ oty_total_annual_wages_chg        <dbl> 1469744, -43768, -43768, 10257, -5~
## $ oty_total_annual_wages_pct_chg    <dbl> 5.4, -4.0, -4.0, 1.7, -25.2, 2.2, ~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 18, 0, 0, -20, 104, -21, -20, -20,~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 6.4, 0.0, 0.0, -3.8, 20.1, -3.5, -~
## $ oty_avg_annual_pay_chg            <dbl> 924, 19, 19, -1035, 5396, -1072, -~
## $ oty_avg_annual_pay_pct_chg        <dbl> 6.3, 0.1, 0.1, -3.8, 20.1, -3.4, -~
## Fips loop: 0.366 sec elapsed
## [1] "'Middle' loop with FIPS = 37147"

## Rows: 430 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 430
## Columns: 43
## $ area_fips                         <dbl> 37147, 37147, 37147, 37147, 37147,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Pitt County, North Carolina", "Pi~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 2854, 25, 25, 9, 1, 15, 9, 9, 9, 9~
## $ annual_avg_emplvl                <dbl> 57780, 365, 365, 220, 7, 138, 220,~
## $ total_annual_wages               <dbl> 1309067182, 12579705, 12579705, 70~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 436, 663, 663, 615, 567, 744, 615,~
## $ avg_annual_pay                   <dbl> 22656, 34457, 34457, 31979, 29463,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 1.23, 1.24, 1.20, 1.42, 1.38~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.25, 0.25, 0.46, 0.51, 0.19~
## $ lq_total_annual_wages            <dbl> 1.00, 0.28, 0.28, 0.52, 0.39, 0.22~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.12, 1.12, 1.12, 0.76, 1.19~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.12, 1.12, 1.12, 0.76, 1.19~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 110, 2, 2, 0, 0, 2, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.0, 8.7, 8.7, 0.0, 0.0, 15.4, 0.0~
## $ oty_annual_avg_emplvl_chg        <dbl> 3256, -13, -13, 14, -2, -25, 14, 1~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 6.0, -3.4, -3.4, 6.8, -22.2, -15.3~
## $ oty_total_annual_wages_chg       <dbl> 79302741, -2207636, -2207636, 3832~
## $ oty_total_annual_wages_pct_chg   <dbl> 6.4, -14.9, -14.9, 0.5, -9.5, -29.~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 2, -89, -89, -39, 60, -145, -39, -~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 0.5, -11.8, -11.8, -6.0, 11.8, -16~
## $ oty_avg_annual_pay_chg           <dbl> 102, -4637, -4637, -2012, 3108, -7~
## $ oty_avg_annual_pay_pct_chg       <dbl> 0.5, -11.9, -11.9, -5.9, 11.8, -16~
## Fips loop: 1.34 sec elapsed
## [1] "'Middle' loop with FIPS = 37177"

## Rows: 40 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 40
## Columns: 43
## $ area_fips                        <dbl> 37177, 37177, 37177, 37177, 37177,~
```

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```
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                       <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                          <chr> "Tyrrell County, North Carolina", ~
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 94, 6, 6, 2, 1, 3, 2, 2, 2, 2, 2, ~
## $ annual_avg_emplvl                   <dbl> 720, 17, 17, 7, 2, 8, 7, 7, 7, 7, ~
## $ total_annual_wages                  <dbl> 11154871, 536914, 536914, 197592, ~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 298, 601, 601, 536, 684, 636, 536,~
## $ avg_annual_pay                      <dbl> 15500, 31277, 31277, 27895, 35581,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 8.97, 9.01, 8.11, 43.26, 8.3~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 0.92, 0.95, 1.18, 11.76, 0.8~
## $ lq_total_annual_wages               <dbl> 1.00, 1.38, 1.42, 1.70, 17.70, 1.2~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 1.48, 1.48, 1.43, 1.34, 1.48~
## $ lq_avg_annual_pay                   <dbl> 1.00, 1.48, 1.48, 1.43, 1.34, 1.48~
## $ oty_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.1, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg           <dbl> 25, -1, -1, 0, -1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 3.6, -5.6, -5.6, 0.0, -33.3, 0.0, ~
## $ oty_total_annual_wages_chg          <dbl> 983172, -56609, -56609, -2449, -45~
## $ oty_total_annual_wages_pct_chg      <dbl> 9.7, -9.5, -9.5, -1.2, -36.2, -3.3~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 17, -24, -24, -41, -78, 24, -41, -~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 6.0, -3.8, -3.8, -7.1, -10.2, 3.9,~
## $ oty_avg_annual_pay_chg              <dbl> 866, -1245, -1245, -2111, -4052, 1~
## $ oty_avg_annual_pay_pct_chg          <dbl> 5.9, -3.8, -3.8, -7.0, -10.2, 4.0,~
## Fips loop: 0.287 sec elapsed
## [1] "'Middle' loop with FIPS = 37187"

## Rows: 94 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 94
## Columns: 43
## $ area_fips                         <dbl> 37187, 37187, 37187, 37187, 37187,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Washington County, North Carolina~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 282, 9, 9, 4, 0, 5, 4, 4, 4, 4, 4,~
## $ annual_avg_emplvl                 <dbl> 3363, 55, 55, 27, 0, 28, 27, 27, 2~
## $ total_annual_wages                <dbl> 57627673, 1256011, 1256011, 794723~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 330, 437, 437, 559, 594, 314, 559,~
## $ avg_annual_pay                    <dbl> 17134, 22699, 22699, 29075, 30900,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 4.49, 4.51, 5.41, 0.00, 4.65~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.64, 0.66, 0.97, 0.00, 0.65~
## $ lq_total_annual_wages             <dbl> 1.00, 0.63, 0.64, 1.33, 0.19, 0.43~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 0.97, 0.97, 1.35, 1.37, 0.66~
## $ lq_avg_annual_pay                 <dbl> 1.00, 0.97, 0.97, 1.35, 1.38, 0.66~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, "N", NA, NA, NA, N~
## $ oty_annual_avg_estabs_count_chg   <dbl> 5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.8, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> 21, -2, -2, -1, 0, -1, -1, -1, -1,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 0.6, -3.5, -3.5, -3.6, 0.0, -3.4, ~
## $ oty_total_annual_wages_chg        <dbl> 1352825, -18924, -18924, 3320, 0, ~
## $ oty_total_annual_wages_pct_chg    <dbl> 2.4, -1.5, -1.5, 0.4, 0.0, -6.2, 0~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 6, 6, 6, 15, 0, -8, 15, 15, 15, 15~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 1.9, 1.4, 1.4, 2.8, 0.0, -2.5, 2.8~
## $ oty_avg_annual_pay_chg            <dbl> 294, 299, 299, 811, 0, -377, 811, ~
## $ oty_avg_annual_pay_pct_chg        <dbl> 1.7, 1.3, 1.3, 2.9, 0.0, -2.3, 2.9~
## Fips loop: 0.43 sec elapsed
## [1] "'Middle' loop with FIPS = 39007"

## Rows: 354 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 354
## Columns: 43
## $ area_fips                         <dbl> 39007, 39007, 39007, 39007, 39007,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Ashtabula County, Ohio", "Ashtabu~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 2126, 21, 21, 14, 6, 14, 14, 14, 1~
## $ annual_avg_emplvl                 <dbl> 32528, 263, 263, 226, 34, 226, 226~
## $ total_annual_wages                <dbl> 712314683, 8812255, 8812255, 74472~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 421, 644, 644, 633, 728, 633, 633,~
## $ avg_annual_pay                    <dbl> 21898, 33485, 33485, 32916, 37840,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 1.39, 1.39, 2.51, 0.74, 2.57~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.32, 0.32, 0.84, 0.08, 0.91~
## $ lq_total_annual_wages             <dbl> 1.00, 0.36, 0.36, 1.00, 0.10, 1.06~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.12, 1.12, 1.19, 1.20, 1.17~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.12, 1.12, 1.19, 1.20, 1.17~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> -33, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -1.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg         <dbl> 908, 4, 4, 5, -1, 5, 5, 5, 5, 5, -~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 2.9, 1.5, 1.5, 2.3, -2.9, 2.3, 2.3~
## $ oty_total_annual_wages_chg        <dbl> 33484566, -50430, -50430, 45942, -~
## $ oty_total_annual_wages_pct_chg    <dbl> 4.9, -0.6, -0.6, 0.6, -7.5, 0.6, 0~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 8, -13, -13, -12, -31, -12, -12, -~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 1.9, -2.0, -2.0, -1.9, -4.1, -1.9,~
## $ oty_avg_annual_pay_chg            <dbl> 430, -701, -701, -637, -1603, -637~
## $ oty_avg_annual_pay_pct_chg        <dbl> 2.0, -2.1, -2.1, -1.9, -4.1, -1.9,~
## Fips loop: 1.118 sec elapsed
## [1] "'Middle' loop with FIPS = 39035"
```

```
## Rows: 1469 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (9): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (1): disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,469
## Columns: 43
## $ area_fips                        <dbl> 39035, 39035, 39035, 39035, 39035,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Cuyahoga County, Ohio", "Cuyahoga~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 38178, 53, 53, 9, 1, 1, 1, 2, 39, ~
## $ annual_avg_emplvl                <dbl> 777636, 20170, 20170, 6840, 13, 36~
## $ total_annual_wages               <dbl> 23316889292, 809454565, 809454565,~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 577, 772, 772, 732, 836, 929, 909,~
## $ avg_annual_pay                   <dbl> 29984, 40131, 40131, 38072, 43493,~
## $ lq_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.20, 0.20, 0.09, 0.11, 0.16~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 1.01, 1.04, 1.06, 0.07, 0.08~
## $ lq_total_annual_wages            <dbl> 1.00, 1.00, 1.02, 1.07, 0.06, 0.10~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.98, 0.98, 1.01, 0.84, 1.23~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.98, 0.98, 1.01, 0.84, 1.23~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> -1145, -4, -4, 0, 0, -1, 0, 0, -3,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -2.9, -7.0, -7.0, 0.0, 0.0, -50.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 15864, 1023, 1023, 141, 0, -2, -65~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 2.1, 5.3, 5.3, 2.1, 0.0, -5.3, -18~
## $ oty_total_annual_wages_chg       <dbl> 1166666302, 38893965, 38893965, -1~
## $ oty_total_annual_wages_pct_chg   <dbl> 5.3, 5.0, 5.0, -3.8, 2.4, -1.3, 3.~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 18, -2, -2, -45, 19, 30, 195, 36, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.2, -0.3, -0.3, -5.8, 2.3, 3.3, 2~
```

```
## $ oty_avg_annual_pay_chg                   <dbl> 907, -113, -113, -2327, 1014, 1535~
## $ oty_avg_annual_pay_pct_chg               <dbl> 3.1, -0.3, -0.3, -5.8, 2.4, 3.3, 2~
## Fips loop: 2.87 sec elapsed
## [1] "'Middle' loop with FIPS = 39043"

## Rows: 315 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 315
## Columns: 43
## $ area_fips                         <dbl> 39043, 39043, 39043, 39043, 39043,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Erie County, Ohio", "Erie County,~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 2065, 20, 20, 9, 11, 9, 9, 9, 9, 9~
## $ annual_avg_emplvl                 <dbl> 39042, 197, 197, 144, 53, 144, 144~
## $ total_annual_wages                <dbl> 991426098, 7302962, 7302962, 52074~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 488, 712, 712, 693, 762, 693, 693,~
## $ avg_annual_pay                    <dbl> 25394, 37008, 37008, 36059, 39600,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 1.36, 1.37, 1.66, 1.40, 1.70~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.20, 0.20, 0.45, 0.11, 0.48~
## $ lq_total_annual_wages             <dbl> 1.00, 0.21, 0.22, 0.50, 0.11, 0.53~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.07, 1.07, 1.13, 1.09, 1.10~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.07, 1.07, 1.13, 1.08, 1.10~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> -50, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -2.4, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg         <dbl> 1213, 1, 1, 3, -2, 3, 3, 3, 3, 3, ~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 3.2, 0.5, 0.5, 2.1, -3.6, 2.1, 2.1~
## $ oty_total_annual_wages_chg        <dbl> 61164227, 92713, 92713, 163416, -7~
## $ oty_total_annual_wages_pct_chg    <dbl> 6.6, 1.3, 1.3, 3.2, -3.3, 3.2, 3.2~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 15, 5, 5, 7, -1, 7, 7, 7, 7, 7, -1~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 3.2, 0.7, 0.7, 1.0, -0.1, 1.0, 1.0~
## $ oty_avg_annual_pay_chg               <dbl> 803, 221, 221, 391, -86, 391, 391,~
## $ oty_avg_annual_pay_pct_chg           <dbl> 3.3, 0.6, 0.6, 1.1, -0.2, 1.1, 1.1~
## Fips loop: 1.001 sec elapsed
## [1] "'Middle' loop with FIPS = 39085"

## Rows: 674 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 674
## Columns: 43
## $ area_fips                     <dbl> 39085, 39085, 39085, 39085, 39085,~
## $ own_code                      <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                 <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                   <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                          <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                           <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                    <chr> "Lake County, Ohio", "Lake County,~
## $ own_title                     <chr> "Total Covered", "Federal Governme~
## $ industry_title                <chr> "Total, all industries", "Total, a~
## $ agglvl_title                  <chr> "County, Total Covered", "County, ~
## $ size_title                    <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count       <dbl> 5911, 12, 12, 8, 4, 8, 8, 8, 8, 8,~
## $ annual_avg_emplvl             <dbl> 94011, 516, 516, 483, 33, 483, 483~
## $ total_annual_wages            <dbl> 2454369686, 17857483, 17857483, 16~
## $ taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage          <dbl> 502, 666, 666, 657, 789, 657, 657,~
## $ avg_annual_pay                <dbl> 26107, 34613, 34613, 34176, 41008,~
## $ lq_disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count    <dbl> 1.00, 0.29, 0.29, 0.52, 0.18, 0.53~
## $ lq_annual_avg_emplvl          <dbl> 1.00, 0.21, 0.22, 0.62, 0.03, 0.67~
## $ lq_total_annual_wages         <dbl> 1.00, 0.21, 0.21, 0.65, 0.03, 0.68~
## $ lq_taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage       <dbl> 1.00, 0.97, 0.97, 1.04, 1.09, 1.01~
## $ lq_avg_annual_pay             <dbl> 1.00, 0.97, 0.97, 1.04, 1.09, 1.02~
## $ oty_disclosure_code           <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> -46, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -0.8, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg            <dbl> 2749, 9, 9, 8, 1, 8, 8, 8, 8, 8, 1~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 3.0, 1.8, 1.8, 1.7, 3.1, 1.7, 1.7,~
```

```
## $ oty_total_annual_wages_chg          <dbl> 125681758, -1467662, -1467662, -13~
## $ oty_total_annual_wages_pct_chg      <dbl> 5.4, -7.6, -7.6, -7.6, -7.1, -7.6,~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 11, -67, -67, -66, -84, -66, -66, ~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 2.2, -9.1, -9.1, -9.1, -9.6, -9.1,~
## $ oty_avg_annual_pay_chg              <dbl> 591, -3479, -3479, -3421, -4407, -~
## $ oty_avg_annual_pay_pct_chg          <dbl> 2.3, -9.1, -9.1, -9.1, -9.7, -9.1,~
## Fips loop: 1.944 sec elapsed
## [1] "'Middle' loop with FIPS = 39093"

## Rows: 649 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 649
## Columns: 43
## $ area_fips                  <dbl> 39093, 39093, 39093, 39093, 39093,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Lorain County, Ohio", "Lorain Cou~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count    <dbl> 5371, 22, 22, 13, 2, 7, 13, 1, 1, ~
## $ annual_avg_emplvl          <dbl> 100793, 1181, 1181, 1119, 4, 57, 1~
## $ total_annual_wages         <dbl> 2764322289, 66276342, 66276342, 63~
## $ taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage       <dbl> 527, 1080, 1080, 1097, 883, 760, 1~
## $ avg_annual_pay             <dbl> 27426, 56139, 56139, 57027, 45924,~
## $ lq_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 0.58, 0.58, 0.92, 2.21, 0.34~
## $ lq_annual_avg_emplvl       <dbl> 1.00, 0.46, 0.47, 1.34, 0.07, 0.04~
## $ lq_total_annual_wages      <dbl> 1.00, 0.69, 0.71, 2.22, 0.09, 0.04~
## $ lq_taxable_annual_wages    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage    <dbl> 1.00, 1.51, 1.51, 1.65, 1.28, 1.00~
## $ lq_avg_annual_pay          <dbl> 1.00, 1.50, 1.50, 1.65, 1.28, 1.00~
## $ oty_disclosure_code        <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg     <dbl> -8, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -0.1, 4.8, 4.8, 0.0, 100.0, 0.0, 0~
## $ oty_annual_avg_emplvl_chg           <dbl> 2712, -25, -25, -30, 4, 0, -30, -3~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 2.8, -2.1, -2.1, -2.6, 100.0, 0.0,~
## $ oty_total_annual_wages_chg          <dbl> 117113489, -543919, -543919, -6624~
## $ oty_total_annual_wages_pct_chg      <dbl> 4.4, -0.8, -0.8, -1.0, 100.0, -2.5~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 8, 14, 14, 18, 883, -27, 18, 71, 7~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 1.5, 1.3, 1.3, 1.7, 100.0, -3.4, 1~
## $ oty_avg_annual_pay_chg              <dbl> 436, 732, 732, 904, 45924, -1416, ~
## $ oty_avg_annual_pay_pct_chg          <dbl> 1.6, 1.3, 1.3, 1.6, 100.0, -3.5, 1~
## Fips loop: 1.908 sec elapsed
## [1] "'Middle' loop with FIPS = 39095"

## Rows: 877 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 877
## Columns: 43
## $ area_fips                <dbl> 39095, 39095, 39095, 39095, 39095,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Lucas County, Ohio", "Lucas Count~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 10753, 35, 35, 11, 23, 11, 1, 1, 1~
## $ annual_avg_emplvl        <dbl> 229458, 2171, 2171, 1543, 626, 154~
## $ total_annual_wages       <dbl> 6339509702, 86551136, 86551136, 59~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage     <dbl> 531, 767, 767, 740, 831, 740, 939,~
## $ avg_annual_pay           <dbl> 27628, 39859, 39859, 38474, 43215,~
## $ lq_disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 0.46, 0.46, 0.39, 0.56, 0.40~
## $ lq_annual_avg_emplvl     <dbl> 1.00, 0.37, 0.38, 0.81, 0.21, 0.88~
## $ lq_total_annual_wages    <dbl> 1.00, 0.39, 0.40, 0.90, 0.23, 0.95~
## $ lq_taxable_annual_wages  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.06, 1.06, 1.11, 1.09, 1.08~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.06, 1.06, 1.11, 1.09, 1.08~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> -247, -1, -1, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -2.2, -2.8, -2.8, 0.0, 0.0, 0.0, 0~
## $ oty_annual_avg_emplvl_chg        <dbl> 2076, 61, 61, 52, 14, 52, 6, 6, 6,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 0.9, 2.9, 2.9, 3.5, 2.3, 3.5, 12.8~
## $ oty_total_annual_wages_chg       <dbl> 313960344, 835672, 835672, 298882,~
## $ oty_total_annual_wages_pct_chg   <dbl> 5.2, 1.0, 1.0, 0.5, 2.9, 0.5, 22.7~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 21, -14, -14, -22, 5, -22, 62, 62,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 4.1, -1.8, -1.8, -2.9, 0.6, -2.9, ~
## $ oty_avg_annual_pay_chg           <dbl> 1128, -756, -756, -1155, 254, -115~
## $ oty_avg_annual_pay_pct_chg       <dbl> 4.3, -1.9, -1.9, -2.9, 0.6, -2.9, ~
## Fips loop: 2.446 sec elapsed
## [1] "'Middle' loop with FIPS = 39123"

## Rows: 181 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 181
## Columns: 43
## $ area_fips                <dbl> 39123, 39123, 39123, 39123, 39123,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Ottawa County, Ohio", "Ottawa Cou~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 1120, 12, 12, 9, 3, 9, 9, 9, 9, 9,~
## $ annual_avg_emplvl        <dbl> 13968, 160, 160, 99, 61, 99, 99, 9~
## $ total_annual_wages       <dbl> 330865542, 5195283, 5195283, 29903~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage     <dbl> 456, 624, 624, 581, 695, 581, 581,~
## $ avg_annual_pay           <dbl> 23688, 32471, 32471, 30205, 36147,~
## $ lq_disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 1.51, 1.51, 3.06, 0.70, 3.14~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.45, 0.46, 0.86, 0.34, 0.93~
## $ lq_total_annual_wages              <dbl> 1.00, 0.45, 0.46, 0.87, 0.36, 0.92~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.01, 1.01, 1.01, 1.06, 0.99~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.01, 1.01, 1.01, 1.06, 0.99~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> -18, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -1.6, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg          <dbl> 329, 3, 3, 2, 1, 2, 2, 2, 2, 2, 1,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 2.4, 1.9, 1.9, 2.1, 1.7, 2.1, 2.1,~
## $ oty_total_annual_wages_chg         <dbl> 7586334, 62975, 62975, -2148, 6512~
## $ oty_total_annual_wages_pct_chg     <dbl> 2.3, 1.2, 1.2, -0.1, 3.0, -0.1, -0~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 0, -6, -6, -15, 12, -15, -15, -15,~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 0.0, -1.0, -1.0, -2.5, 1.8, -2.5, ~
## $ oty_avg_annual_pay_chg             <dbl> -15, -271, -271, -805, 631, -805, ~
## $ oty_avg_annual_pay_pct_chg         <dbl> -0.1, -0.8, -0.8, -2.6, 1.8, -2.6,~
## Fips loop: 0.649 sec elapsed
## [1] "'Middle' loop with FIPS = 39143"

## Rows: 240 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 240
## Columns: 43
## $ area_fips                          <dbl> 39143, 39143, 39143, 39143, 39143,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Sandusky County, Ohio", "Sandusky~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 1400, 10, 10, 6, 4, 6, 6, 6, 6, 6,~
## $ annual_avg_emplvl                  <dbl> 26836, 137, 137, 110, 27, 110, 110~
## $ total_annual_wages                 <dbl> 624217781, 4483015, 4483015, 35491~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                   <dbl> 447, 629, 629, 619, 669, 619, 619,~
## $ avg_annual_pay                         <dbl> 23260, 32683, 32683, 32168, 34801,~
## $ lq_disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count             <dbl> 1.00, 1.00, 1.01, 1.63, 0.75, 1.68~
## $ lq_annual_avg_emplvl                   <dbl> 1.00, 0.20, 0.20, 0.50, 0.08, 0.54~
## $ lq_total_annual_wages                  <dbl> 1.00, 0.21, 0.21, 0.55, 0.08, 0.58~
## $ lq_taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage                <dbl> 1.00, 1.03, 1.03, 1.10, 1.04, 1.07~
## $ lq_avg_annual_pay                      <dbl> 1.00, 1.03, 1.03, 1.10, 1.04, 1.07~
## $ oty_disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg        <dbl> -12, -1, -1, -1, 0, -1, -1, -1, -1~
## $ oty_annual_avg_estabs_count_pct_chg    <dbl> -0.8, -9.1, -9.1, -14.3, 0.0, -14.~
## $ oty_annual_avg_emplvl_chg              <dbl> 332, 2, 2, 3, 0, 3, 3, 3, 3, 3, 0,~
## $ oty_annual_avg_emplvl_pct_chg          <dbl> 1.3, 1.5, 1.5, 2.8, 0.0, 2.8, 2.8,~
## $ oty_total_annual_wages_chg             <dbl> 27516659, -12125, -12125, 49997, -~
## $ oty_total_annual_wages_pct_chg         <dbl> 4.6, -0.3, -0.3, 1.4, -6.2, 1.4, 1~
## $ oty_taxable_annual_wages_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg           <dbl> 14, -13, -13, -8, -32, -8, -8, -8,~
## $ oty_annual_avg_wkly_wage_pct_chg       <dbl> 3.2, -2.0, -2.0, -1.3, -4.6, -1.3,~
## $ oty_avg_annual_pay_chg                 <dbl> 746, -717, -717, -458, -1636, -458~
## $ oty_avg_annual_pay_pct_chg             <dbl> 3.3, -2.1, -2.1, -1.4, -4.5, -1.4,~
## Fips loop: 0.825 sec elapsed
## [1] "'Middle' loop with FIPS = 41007"

## Rows: 260 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 260
## Columns: 43
## $ area_fips                              <dbl> 41007, 41007, 41007, 41007, 41007,~
## $ own_code                               <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                          <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                            <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                   <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                    <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                             <chr> "Clatsop County, Oregon", "Clatsop~
## $ own_title                              <chr> "Total Covered", "Federal Governme~
## $ industry_title                         <chr> "Total, all industries", "Total, a~
## $ agglvl_title                           <chr> "County, Total Covered", "County, ~
## $ size_title                             <chr> "All establishment sizes", "All es~
```

```
## $ annual_avg_estabs_count            <dbl> 1369, 16, 16, 7, 3, 1, 5, 6, 6, 6,~
## $ annual_avg_emplvl                  <dbl> 14604, 134, 134, 71, 29, 18, 16, 7~
## $ total_annual_wages                 <dbl> 312476948, 4680135, 4680135, 24310~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 411, 673, 673, 661, 739, 503, 789,~
## $ avg_annual_pay                     <dbl> 21397, 34992, 34992, 34361, 38450,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 1.64, 1.65, 1.95, 13.02, 5.1~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.36, 0.37, 0.59, 3.60, 2.40~
## $ lq_total_annual_wages              <dbl> 1.00, 0.43, 0.44, 0.75, 4.99, 4.02~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.20, 1.20, 1.28, 1.37, 1.73~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.20, 1.20, 1.28, 1.37, 1.73~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 25, -1, -1, 0, 0, 0, -1, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.9, -5.9, -5.9, 0.0, 0.0, 0.0, -1~
## $ oty_annual_avg_emplvl_chg          <dbl> 313, -5, -5, 3, -4, -2, -3, 3, 3, ~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 2.2, -3.6, -3.6, 4.4, -12.1, -10.0~
## $ oty_total_annual_wages_chg         <dbl> 14093089, -53690, -53690, 47913, -~
## $ oty_total_annual_wages_pct_chg     <dbl> 4.7, -1.1, -1.1, 2.0, -5.2, 0.2, -~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 9, 20, 20, -14, 53, 53, 59, -13, -~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 2.2, 3.1, 3.1, -2.1, 7.7, 11.8, 8.~
## $ oty_avg_annual_pay_chg             <dbl> 518, 1017, 1017, -728, 2781, 2731,~
## $ oty_avg_annual_pay_pct_chg         <dbl> 2.5, 3.0, 3.0, -2.1, 7.8, 11.7, 8.~
## Fips loop: 0.902 sec elapsed
## [1] "'Middle' loop with FIPS = 41011"

## Rows: 304 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 304
## Columns: 43
## $ area_fips              <dbl> 41011, 41011, 41011, 41011, 41011,~
## $ own_code               <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code          <chr> "10", "10", "101", "1011", "102", ~
## $ agglvl_code            <dbl> 70, 71, 72, 73, 72, 73, 73, 73, 74~
## $ size_code              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                   <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                    <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title             <chr> "Coos County, Oregon", "Coos Count~
```

```
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 1817, 24, 1, 1, 23, 10, 2, 10, 1, ~
## $ annual_avg_emplvl                 <dbl> 20623, 392, 33, 33, 359, 138, 7, 2~
## $ total_annual_wages                <dbl> 455980658, 14542768, 969645, 96964~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 425, 714, 565, 565, 728, 712, 548,~
## $ avg_annual_pay                    <dbl> 22110, 37138, 29383, 29383, 37852,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 1.86, 17.83, 28.04, 1.79, 2.~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.74, 2.37, 25.00, 0.70, 0.8~
## $ lq_total_annual_wages             <dbl> 1.00, 0.92, 2.26, 29.21, 0.88, 1.0~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.23, 0.95, 1.17, 1.26, 1.33~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.23, 0.95, 1.17, 1.26, 1.33~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 21, 1, -1, -1, 2, 1, 1, 0, -1, -1,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.2, 4.3, -50.0, -50.0, 9.5, 11.1,~
## $ oty_annual_avg_emplvl_chg         <dbl> 316, -17, -7, -7, -9, 2, 1, -13, -~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 1.6, -4.2, -17.5, -17.5, -2.4, 1.5~
## $ oty_total_annual_wages_chg        <dbl> 21752882, -1006445, -398100, -3981~
## $ oty_total_annual_wages_pct_chg    <dbl> 5.0, -6.5, -29.1, -29.1, -4.3, -3.~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 14, -18, -87, -87, -13, -37, 41, 2~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.4, -2.5, -13.3, -13.3, -1.8, -4.~
## $ oty_avg_annual_pay_chg            <dbl> 727, -918, -4528, -4528, -658, -19~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.4, -2.4, -13.4, -13.4, -1.7, -5.~
## Fips loop: 0.983 sec elapsed
## [1] "'Middle' loop with FIPS = 41015"

## Rows: 151 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 151
## Columns: 43
## $ area_fips                         <dbl> 41015, 41015, 41015, 41015, 41015,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "101", "1011", "102", ~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 72, 73, 73, 74, 75~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Curry County, Oregon", "Curry Cou~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 766, 14, 3, 3, 11, 8, 3, 3, 3, 3, ~
## $ annual_avg_emplvl               <dbl> 5793, 145, 96, 96, 48, 45, 3, 96, ~
## $ total_annual_wages              <dbl> 110686014, 4251794, 2910279, 29102~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 367, 566, 581, 581, 535, 545, 388,~
## $ avg_annual_pay                  <dbl> 19108, 29407, 30211, 30211, 27803,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 2.57, 126.90, 199.54, 2.03, ~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.98, 24.58, 258.88, 0.33, 0~
## $ lq_total_annual_wages           <dbl> 1.00, 1.10, 27.94, 361.22, 0.36, 1~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.13, 1.13, 1.39, 1.07, 1.18~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.13, 1.13, 1.39, 1.07, 1.18~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 21, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.8, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg       <dbl> 34, -11, -10, -10, -2, -2, -1, -10~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 0.6, -7.1, -9.4, -9.4, -4.0, -4.3,~
## $ oty_total_annual_wages_chg      <dbl> 4941395, -789344, -625222, -625222~
## $ oty_total_annual_wages_pct_chg  <dbl> 4.7, -15.7, -17.7, -17.7, -10.9, -~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 14, -55, -62, -62, -40, -32, -161,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 4.0, -8.9, -9.6, -9.6, -7.0, -5.5,~
## $ oty_avg_annual_pay_chg          <dbl> 747, -2908, -3248, -3248, -2110, -~
## $ oty_avg_annual_pay_pct_chg      <dbl> 4.1, -9.0, -9.7, -9.7, -7.1, -5.6,~
## Fips loop: 0.545 sec elapsed
## [1] "'Middle' loop with FIPS = 41019"

## Rows: 397 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 397
## Columns: 43
## $ area_fips                       <dbl> 41019, 41019, 41019, 41019, 41019,~
```

```
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "101", "1011", "102", ~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 72, 73, 73, 73, 73~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Douglas County, Oregon", "Douglas~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 2720, 38, 6, 6, 32, 20, 1, 1, 9, 6~
## $ annual_avg_emplvl                 <dbl> 33792, 1573, 414, 414, 1159, 178, ~
## $ total_annual_wages                <dbl> 769193689, 59193746, 13142164, 131~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 438, 724, 611, 611, 764, 620, 612,~
## $ avg_annual_pay                    <dbl> 22762, 37639, 31751, 31751, 39742,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 1.96, 71.47, 112.39, 1.66, 2~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 1.82, 18.17, 191.39, 1.38, 0~
## $ lq_total_annual_wages             <dbl> 1.00, 2.21, 18.15, 234.73, 1.77, 0~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.21, 1.00, 1.23, 1.28, 1.12~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.21, 1.00, 1.23, 1.28, 1.13~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 50, 5, 1, 1, 4, 2, 0, 0, 1, 1, 1, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.9, 15.2, 20.0, 20.0, 14.3, 11.1,~
## $ oty_annual_avg_emplvl_chg         <dbl> 892, -27, -11, -11, -16, 9, 0, -5,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 2.7, -1.7, -2.6, -2.6, -1.4, 5.3, ~
## $ oty_total_annual_wages_chg        <dbl> 38475071, -3434482, -2045642, -204~
## $ oty_total_annual_wages_pct_chg    <dbl> 5.3, -5.5, -13.5, -13.5, -2.9, -0.~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 11, -29, -77, -77, -13, -34, 32, -~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 2.6, -3.9, -11.2, -11.2, -1.7, -5.~
## $ oty_avg_annual_pay_chg            <dbl> 552, -1514, -3999, -3999, -641, -1~
## $ oty_avg_annual_pay_pct_chg        <dbl> 2.5, -3.9, -11.2, -11.2, -1.6, -5.~
## Fips loop: 1.224 sec elapsed
## [1] "'Middle' loop with FIPS = 41039"

## Rows: 835 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 835
## Columns: 43
## $ area_fips                        <dbl> 41039, 41039, 41039, 41039, 41039,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "101", "1011", "102", ~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 72, 73, 73, 73, 73~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Lane County, Oregon", "Lane Count~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 9049, 57, 8, 8, 49, 21, 1, 5, 22, ~
## $ annual_avg_emplvl                <dbl> 125075, 1990, 546, 546, 1444, 874,~
## $ total_annual_wages               <dbl> 2901615245, 73558942, 17583343, 17~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 446, 711, 620, 620, 746, 741, 605,~
## $ avg_annual_pay                   <dbl> 23199, 36974, 32224, 32224, 38769,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.89, 28.65, 45.04, 0.76, 0.~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.62, 6.47, 68.20, 0.46, 0.8~
## $ lq_total_annual_wages            <dbl> 1.00, 0.73, 6.44, 83.25, 0.57, 1.1~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.17, 1.00, 1.22, 1.23, 1.32~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.17, 1.00, 1.22, 1.23, 1.32~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 186, -3, -1, -1, -3, 0, 0, 0, -2, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.1, -5.0, -11.1, -11.1, -5.8, 0.0~
## $ oty_annual_avg_emplvl_chg        <dbl> 3108, -31, -28, -28, -3, 8, 2, -3,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 2.5, -1.5, -4.9, -4.9, -0.2, 0.9, ~
## $ oty_total_annual_wages_chg       <dbl> 154616813, -2427705, -1643494, -16~
## $ oty_total_annual_wages_pct_chg   <dbl> 5.6, -3.2, -8.5, -8.5, -1.4, -0.7,~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 13, -12, -25, -25, -8, -13, 14, 19~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.0, -1.7, -3.9, -3.9, -1.1, -1.7,~
## $ oty_avg_annual_pay_chg           <dbl> 676, -634, -1297, -1297, -459, -67~
## $ oty_avg_annual_pay_pct_chg       <dbl> 3.0, -1.7, -3.9, -3.9, -1.2, -1.7,~
## Fips loop: 2.369 sec elapsed
## [1] "'Middle' loop with FIPS = 41041"

## Rows: 254 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 254
## Columns: 43
## $ area_fips                         <dbl> 41041, 41041, 41041, 41041, 41041,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "101", "1011", "102", ~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 72, 73, 73, 73, 74~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Lincoln County, Oregon", "Lincoln~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 1695, 20, 3, 3, 18, 12, 1, 5, 3, 3~
## $ annual_avg_emplvl                 <dbl> 15958, 208, 96, 96, 112, 73, 19, 1~
## $ total_annual_wages                <dbl> 319042941, 6925041, 2933112, 29331~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 384, 641, 588, 588, 687, 631, 947,~
## $ avg_annual_pay                    <dbl> 19992, 33347, 30580, 30580, 35722,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 1.66, 57.35, 90.18, 1.50, 2.~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.51, 8.92, 93.98, 0.28, 0.5~
## $ lq_total_annual_wages             <dbl> 1.00, 0.62, 9.77, 126.30, 0.37, 0.~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.23, 1.10, 1.35, 1.31, 1.31~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.23, 1.10, 1.35, 1.31, 1.30~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 39, -1, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.4, -4.8, 0.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg         <dbl> 228, -3, -6, -6, 3, 2, 5, -5, -6, ~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 1.4, -1.4, -5.9, -5.9, 2.8, 2.8, 3~
## $ oty_total_annual_wages_chg        <dbl> 16552423, -160154, -321438, -32143~
## $ oty_total_annual_wages_pct_chg    <dbl> 5.5, -2.3, -9.9, -9.9, 4.2, 3.7, 4~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 14, -5, -25, -25, 10, 2, 34, -45, ~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.8, -0.8, -4.1, -4.1, 1.5, 0.3, 3~
## $ oty_avg_annual_pay_chg            <dbl> 762, -245, -1275, -1275, 498, 97, ~
## $ oty_avg_annual_pay_pct_chg        <dbl> 4.0, -0.7, -4.0, -4.0, 1.4, 0.3, 3~
## Fips loop: 0.871 sec elapsed
## [1] "'Middle' loop with FIPS = 41057"
```

```
## Rows: 143 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 143
## Columns: 43
## $ area_fips                       <dbl> 41057, 41057, 41057, 41057, 41057,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "101", "1011", "102", ~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 72, 73, 73, 74, 75~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Tillamook County, Oregon", "Tilla~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 769, 17, 1, 1, 16, 10, 6, 1, 1, 1,~
## $ annual_avg_emplvl               <dbl> 7308, 125, 35, 35, 90, 57, 33, 35,~
## $ total_annual_wages              <dbl> 142515653, 3979072, 1068563, 10685~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 375, 611, 583, 583, 621, 545, 753,~
## $ avg_annual_pay                  <dbl> 19502, 31748, 30314, 30314, 32309,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 3.11, 42.13, 66.26, 2.94, 4.~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.67, 7.10, 74.82, 0.49, 0.9~
## $ lq_total_annual_wages           <dbl> 1.00, 0.80, 7.97, 103.01, 0.60, 1.~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.20, 1.11, 1.37, 1.22, 1.15~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.20, 1.11, 1.37, 1.22, 1.16~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 11, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg       <dbl> 243, 1, 0, 0, 0, 2, -2, 0, 0, 0, 0~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 3.4, 0.8, 0.0, 0.0, 0.0, 3.6, -5.7~
## $ oty_total_annual_wages_chg      <dbl> 8871514, -319454, -249049, -249049~
## $ oty_total_annual_wages_pct_chg  <dbl> 6.6, -7.4, -18.9, -18.9, -2.4, -3.~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 11, -54, -150, -150, -18, -43, 35,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.0, -8.1, -20.5, -20.5, -2.8, -7.~
```

```
## $ oty_avg_annual_pay_chg                <dbl> 585, -2825, -7786, -7786, -905, -2~
## $ oty_avg_annual_pay_pct_chg            <dbl> 3.1, -8.2, -20.4, -20.4, -2.7, -7.~
## Fips loop: 0.564 sec elapsed
## [1] "'Middle' loop with FIPS = 42045"

## Rows: 863 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 863
## Columns: 43
## $ area_fips                          <dbl> 42045, 42045, 42045, 42045, 42045,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Delaware County, Pennsylvania", "~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 11835, 52, 52, 34, 18, 34, 1, 1, 1~
## $ annual_avg_emplvl                  <dbl> 203026, 2354, 2354, 1474, 880, 147~
## $ total_annual_wages                 <dbl> 6179213998, 96003539, 96003539, 58~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 585, 784, 784, 764, 819, 764, 1535~
## $ avg_annual_pay                     <dbl> 30436, 40790, 40790, 39721, 42582,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 0.62, 0.62, 1.10, 0.40, 1.12~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.45, 0.47, 0.88, 0.34, 0.95~
## $ lq_total_annual_wages              <dbl> 1.00, 0.45, 0.46, 0.91, 0.33, 0.96~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.98, 0.98, 1.04, 0.97, 1.01~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.98, 0.99, 1.04, 0.97, 1.01~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> -20, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -0.2, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg          <dbl> -255, 83, 83, -4, 87, -4, 4, 4, 4,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> -0.1, 3.7, 3.7, -0.3, 11.0, -0.3, ~
## $ oty_total_annual_wages_chg         <dbl> 265583810, 2854750, 2854750, -1208~
## $ oty_total_annual_wages_pct_chg     <dbl> 4.5, 3.1, 3.1, -2.0, 12.2, -2.0, 7~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 26, -5, -5, -14, 10, -14, 47, 47, ~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 4.7, -0.6, -0.6, -1.8, 1.2, -1.8, ~
## $ oty_avg_annual_pay_chg                <dbl> 1345, -224, -224, -715, 492, -715,~
## $ oty_avg_annual_pay_pct_chg            <dbl> 4.6, -0.5, -0.5, -1.8, 1.2, -1.8, ~
## Fips loop: 2.423 sec elapsed
## [1] "'Middle' loop with FIPS = 42049"

## Rows: 719 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 719
## Columns: 43
## $ area_fips                       <dbl> 42049, 42049, 42049, 42049, 42049,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Erie County, Pennsylvania", "Erie~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 6244, 41, 41, 16, 1, 1, 22, 16, 16~
## $ annual_avg_emplvl               <dbl> 122316, 1469, 1469, 825, 4, 455, 1~
## $ total_annual_wages              <dbl> 3083421186, 57271045, 57271045, 30~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 485, 750, 750, 705, 912, 785, 867,~
## $ avg_annual_pay                  <dbl> 25209, 38991, 38991, 36686, 47429,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 0.92, 0.93, 0.98, 0.95, 2.46~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.47, 0.48, 0.82, 0.06, 1.61~
## $ lq_total_annual_wages           <dbl> 1.00, 0.53, 0.55, 0.94, 0.09, 1.84~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.14, 1.14, 1.15, 1.44, 1.14~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.14, 1.14, 1.16, 1.44, 1.14~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 89, -2, -2, 0, 0, 0, -2, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.4, -4.7, -4.7, 0.0, 0.0, 0.0, -8~
## $ oty_annual_avg_emplvl_chg       <dbl> 2148, -3, -3, 11, -3, -6, -5, 11, ~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 1.8, -0.2, -0.2, 1.4, -42.9, -1.3,~
```

```
## $ oty_total_annual_wages_chg        <dbl> 136223872, -866726, -866726, -3680~
## $ oty_total_annual_wages_pct_chg    <dbl> 4.6, -1.5, -1.5, -1.2, -35.6, -3.1~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 13, -9, -9, -19, 83, -15, 43, -19,~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 2.8, -1.2, -1.2, -2.6, 10.0, -1.9,~
## $ oty_avg_annual_pay_chg            <dbl> 683, -498, -498, -963, 4325, -768,~
## $ oty_avg_annual_pay_pct_chg        <dbl> 2.8, -1.3, -1.3, -2.6, 10.0, -1.8,~
## Fips loop: 2.346 sec elapsed
## [1] "'Middle' loop with FIPS = 42101"

## Rows: 1192 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,192
## Columns: 43
## $ area_fips                 <dbl> 42101, 42101, 42101, 42101, 42101,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "101", "1013", "102", ~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 72, 73, 73, 73, 73~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Philadelphia County, Pennsylvania~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 25924, 105, 3, 3, 102, 8, 2, 2, 4,~
## $ annual_avg_emplvl         <dbl> 649038, 45839, 6568, 6568, 39271, ~
## $ total_annual_wages        <dbl> 21502607980, 1727677418, 250954525~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage      <dbl> 637, 725, 735, 735, 723, 711, 577,~
## $ avg_annual_pay            <dbl> 33130, 37690, 38209, 38209, 37603,~
## $ lq_disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 0.57, 3.75, 16.27, 0.56, 0.1~
## $ lq_annual_avg_emplvl      <dbl> 1.00, 2.76, 15.01, 16.99, 2.43, 1.~
## $ lq_total_annual_wages     <dbl> 1.00, 2.31, 12.40, 13.98, 2.03, 1.~
## $ lq_taxable_annual_wages   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage   <dbl> 1.00, 0.84, 0.83, 0.82, 0.83, 0.89~
## $ lq_avg_annual_pay         <dbl> 1.00, 0.84, 0.83, 0.82, 0.83, 0.89~
## $ oty_disclosure_code       <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg      <dbl> -14, -2, 0, 0, -2, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> -0.1, -1.9, 0.0, 0.0, -1.9, 0.0, 0~
## $ oty_annual_avg_emplvl_chg            <dbl> -10124, -3380, -2505, -2505, -876,~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> -1.5, -6.9, -27.6, -27.6, -2.2, -2~
## $ oty_total_annual_wages_chg           <dbl> 524161690, -73104896, -78521388, -~
## $ oty_total_annual_wages_pct_chg       <dbl> 2.5, -4.1, -23.8, -23.8, 0.4, -7.3~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 25, 21, 37, 37, 18, -38, 58, 0, 29~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 4.1, 3.0, 5.3, 5.3, 2.6, -5.1, 11.~
## $ oty_avg_annual_pay_chg               <dbl> 1304, 1103, 1893, 1893, 955, -1953~
## $ oty_avg_annual_pay_pct_chg           <dbl> 4.1, 3.0, 5.2, 5.2, 2.6, -5.0, 11.~
## Fips loop: 2.824 sec elapsed
## [1] "'Middle' loop with FIPS = 44001"

## Rows: 168 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 168
## Columns: 43
## $ area_fips                 <dbl> 44001, 44001, 44001, 44001, 44001,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 3, 3, 3~
## $ industry_code             <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Bristol County, Rhode Island", "B~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 1167, 3, 3, 3, 3, 3, 3, 3, 3, 26, ~
## $ annual_avg_emplvl         <dbl> 11799, 101, 101, 101, 101, 101, 10~
## $ total_annual_wages        <dbl> 271182010, 3936656, 3936656, 39366~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage      <dbl> 442, 748, 748, 748, 748, 748, 748,~
## $ avg_annual_pay            <dbl> 22983, 38881, 38881, 38881, 38881,~
## $ lq_disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 0.36, 0.36, 0.98, 1.01, 1.02~
## $ lq_annual_avg_emplvl      <dbl> 1.00, 0.33, 0.34, 1.04, 1.12, 1.16~
## $ lq_total_annual_wages     <dbl> 1.00, 0.42, 0.43, 1.40, 1.48, 1.56~
## $ lq_taxable_annual_wages   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 1.24, 1.24, 1.34, 1.31, 1.34~
## $ lq_avg_annual_pay                   <dbl> 1.00, 1.24, 1.24, 1.34, 1.31, 1.34~
## $ oty_disclosure_code                 <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 11, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg           <dbl> 171, 2, 2, 2, 2, 2, 2, 2, 2, 12, -~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 1.5, 2.0, 2.0, 2.0, 2.0, 2.0, 2.0,~
## $ oty_total_annual_wages_chg          <dbl> 15678928, -60486, -60486, -60486, ~
## $ oty_total_annual_wages_pct_chg      <dbl> 6.1, -1.5, -1.5, -1.5, -1.5, -1.5,~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 19, -27, -27, -27, -27, -27, -27, ~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 4.5, -3.5, -3.5, -3.5, -3.5, -3.5,~
## $ oty_avg_annual_pay_chg              <dbl> 1010, -1426, -1426, -1426, -1426, ~
## $ oty_avg_annual_pay_pct_chg          <dbl> 4.6, -3.5, -3.5, -3.5, -3.5, -3.5,~
## Fips loop: 0.625 sec elapsed
## [1] "'Middle' loop with FIPS = 44003"

## Rows: 535 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 535
## Columns: 43
## $ area_fips                 <dbl> 44003, 44003, 44003, 44003, 44003,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Kent County, Rhode Island", "Kent~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 4822, 17, 17, 5, 1, 11, 5, 1, 1, 1~
## $ annual_avg_emplvl         <dbl> 68049, 1013, 1013, 429, 6, 578, 42~
## $ total_annual_wages        <dbl> 1659872288, 40052181, 40052181, 18~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage      <dbl> 469, 761, 761, 828, 412, 714, 828,~
## $ avg_annual_pay            <dbl> 24392, 39548, 39548, 43038, 21416,~
## $ lq_disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 0.50, 0.50, 0.40, 0.84, 0.60~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.58, 0.60, 0.76, 0.37, 0.66~
## $ lq_total_annual_wages              <dbl> 1.00, 0.69, 0.71, 1.07, 0.20, 0.70~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.19, 1.19, 1.40, 0.51, 1.06~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.19, 1.19, 1.40, 0.51, 1.06~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, "N", NA, NA, NA, N~
## $ oty_annual_avg_estabs_count_chg    <dbl> -17, 6, 6, 0, 0, 5, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -0.4, 54.5, 54.5, 0.0, 0.0, 83.3, ~
## $ oty_annual_avg_emplvl_chg          <dbl> 2583, 78, 78, -1, 0, 72, -1, -4, -~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 3.9, 8.3, 8.3, -0.2, 0.0, 14.2, -0~
## $ oty_total_annual_wages_chg         <dbl> 112056955, 4416573, 4416573, 35163~
## $ oty_total_annual_wages_pct_chg     <dbl> 7.2, 12.4, 12.4, 1.9, 0.0, 22.4, 1~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 14, 28, 28, 17, 0, 47, 17, 57, 57,~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 3.1, 3.8, 3.8, 2.1, 0.0, 7.0, 2.1,~
## $ oty_avg_annual_pay_chg             <dbl> 749, 1445, 1445, 885, 0, 2490, 885~
## $ oty_avg_annual_pay_pct_chg         <dbl> 3.2, 3.8, 3.8, 2.1, 0.0, 7.2, 2.1,~
## Fips loop: 1.566 sec elapsed
## [1] "'Middle' loop with FIPS = 44005"

## Rows: 319 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 319
## Columns: 43
## $ area_fips                          <dbl> 44005, 44005, 44005, 44005, 44005,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Newport County, Rhode Island", "N~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 2788, 22, 22, 6, 14, 6, 6, 6, 6, 6~
## $ annual_avg_emplvl                  <dbl> 31634, 3611, 3611, 180, 3044, 180,~
## $ total_annual_wages                 <dbl> 791212258, 121580385, 121580385, 6~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                   <dbl> 481, 648, 648, 708, 637, 708, 708,~
## $ avg_annual_pay                         <dbl> 25011, 33671, 33671, 36800, 33131,~
## $ lq_disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count             <dbl> 1.00, 1.11, 1.11, 0.82, 1.32, 0.84~
## $ lq_annual_avg_emplvl                   <dbl> 1.00, 4.46, 4.58, 0.69, 7.48, 0.75~
## $ lq_total_annual_wages                  <dbl> 1.00, 4.41, 4.53, 0.80, 6.89, 0.85~
## $ lq_taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage                <dbl> 1.00, 0.99, 0.99, 1.17, 0.92, 1.14~
## $ lq_avg_annual_pay                      <dbl> 1.00, 0.99, 0.99, 1.17, 0.92, 1.14~
## $ oty_disclosure_code                    <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg        <dbl> 28, 7, 7, 0, 7, 0, 0, 0, 0, 0, 7, ~
## $ oty_annual_avg_estabs_count_pct_chg    <dbl> 1.0, 46.7, 46.7, 0.0, 100.0, 0.0, ~
## $ oty_annual_avg_emplvl_chg              <dbl> 926, 132, 132, -5, 145, -5, -5, -5~
## $ oty_annual_avg_emplvl_pct_chg          <dbl> 3.0, 3.8, 3.8, -2.7, 5.0, -2.7, -2~
## $ oty_total_annual_wages_chg             <dbl> 37966553, 4982216, 4982216, -10671~
## $ oty_total_annual_wages_pct_chg         <dbl> 5.0, 4.3, 4.3, -1.6, 4.8, -1.6, -1~
## $ oty_taxable_annual_wages_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg           <dbl> 9, 3, 3, 7, -1, 7, 7, 7, 7, 7, -1,~
## $ oty_annual_avg_wkly_wage_pct_chg       <dbl> 1.9, 0.5, 0.5, 1.0, -0.2, 1.0, 1.0~
## $ oty_avg_annual_pay_chg                 <dbl> 482, 156, 156, 369, -63, 369, 369,~
## $ oty_avg_annual_pay_pct_chg             <dbl> 2.0, 0.5, 0.5, 1.0, -0.2, 1.0, 1.0~
## Fips loop: 1.036 sec elapsed
## [1] "'Middle' loop with FIPS = 44007"

## Rows: 1014 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,014
## Columns: 43
## $ area_fips                  <dbl> 44007, 44007, 44007, 44007, 44007,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Providence County, Rhode Island",~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
```

```
## $ annual_avg_estabs_count          <dbl> 17094, 54, 54, 14, 2, 1, 37, 14, 1~
## $ annual_avg_emplvl               <dbl> 274350, 4963, 4963, 2961, 10, 1023~
## $ total_annual_wages              <dbl> 7552289940, 181047001, 181047001, ~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 529, 702, 702, 708, 700, 656, 730,~
## $ avg_annual_pay                  <dbl> 27528, 36481, 36481, 36810, 36394,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 0.44, 0.45, 0.31, 0.48, 0.90~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.71, 0.73, 1.31, 0.15, 1.61~
## $ lq_total_annual_wages           <dbl> 1.00, 0.69, 0.71, 1.39, 0.12, 1.41~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 0.97, 0.97, 1.06, 0.77, 0.87~
## $ lq_avg_annual_pay               <dbl> 1.00, 0.97, 0.97, 1.06, 0.77, 0.87~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> -160, 3, 3, -1, 1, 0, 4, -1, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -0.9, 5.9, 5.9, -6.7, 100.0, 0.0, ~
## $ oty_annual_avg_emplvl_chg       <dbl> 996, -29, -29, 125, -7, -46, -100,~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 0.4, -0.6, -0.6, 4.4, -41.2, -4.3,~
## $ oty_total_annual_wages_chg      <dbl> 325189990, -953902, -953902, 25624~
## $ oty_total_annual_wages_pct_chg  <dbl> 4.5, -0.5, -0.5, 2.4, -34.7, 2.8, ~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 21, 1, 1, -14, 56, 45, -8, -14, -1~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 4.1, 0.1, 0.1, -1.9, 8.7, 7.4, -1.~
## $ oty_avg_annual_pay_chg          <dbl> 1089, 19, 19, -712, 2883, 2376, -4~
## $ oty_avg_annual_pay_pct_chg      <dbl> 4.1, 0.1, 0.1, -1.9, 8.6, 7.5, -1.~
## Fips loop: 2.827 sec elapsed
## [1] "'Middle' loop with FIPS = 44009"

## Rows: 379 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 379
## Columns: 43
## $ area_fips                       <dbl> 44009, 44009, 44009, 44009, 44009,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Washington County, Rhode Island",~
```

```
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 3404, 23, 23, 13, 10, 13, 12, 12, ~
## $ annual_avg_emplvl                  <dbl> 39654, 417, 417, 203, 214, 203, 20~
## $ total_annual_wages                 <dbl> 949282987, 15333716, 15333716, 765~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 460, 707, 707, 726, 689, 726, 719,~
## $ avg_annual_pay                     <dbl> 23939, 36764, 36764, 37741, 35839,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 0.95, 0.95, 1.46, 0.77, 1.49~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.41, 0.42, 0.62, 0.42, 0.67~
## $ lq_total_annual_wages              <dbl> 1.00, 0.46, 0.48, 0.78, 0.44, 0.82~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.13, 1.13, 1.25, 1.04, 1.22~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.13, 1.13, 1.25, 1.04, 1.22~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 49, 5, 5, 0, 5, 0, 0, 0, 0, 0, 5, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.5, 27.8, 27.8, 0.0, 100.0, 0.0, ~
## $ oty_annual_avg_emplvl_chg          <dbl> 494, 0, 0, 3, -3, 3, 3, 3, 3, 3, -~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 1.3, 0.0, 0.0, 1.5, -1.4, 1.5, 1.5~
## $ oty_total_annual_wages_chg         <dbl> 29059914, -90174, -90174, 21471, -~
## $ oty_total_annual_wages_pct_chg     <dbl> 3.2, -0.6, -0.6, 0.3, -1.4, 0.3, 0~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 8, -5, -5, -8, -3, -8, -7, -7, -7,~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 1.8, -0.7, -0.7, -1.1, -0.4, -1.1,~
## $ oty_avg_annual_pay_chg             <dbl> 440, -268, -268, -443, -129, -443,~
## $ oty_avg_annual_pay_pct_chg         <dbl> 1.9, -0.7, -0.7, -1.2, -0.4, -1.2,~
## Fips loop: 1.179 sec elapsed
## [1] "'Middle' loop with FIPS = 45013"

## Rows: 491 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 491
## Columns: 43
## $ area_fips                          <dbl> 45013, 45013, 45013, 45013, 45013,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Beaufort County, South Carolina",~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 3391, 21, 21, 2, 1, 3, 4, 1, 10, 1~
## $ annual_avg_emplvl              <dbl> 41515, 1705, 1705, 477, 11, 12, 57~
## $ total_annual_wages             <dbl> 874045171, 40828609, 40828609, 105~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 405, 461, 461, 426, 124, 235, 567,~
## $ avg_annual_pay                 <dbl> 21054, 23953, 23953, 22169, 6428, ~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 0.87, 0.87, 0.22, 1.20, 5.26~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 1.60, 1.65, 1.39, 1.12, 0.52~
## $ lq_total_annual_wages          <dbl> 1.00, 1.34, 1.38, 1.16, 0.21, 0.23~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 0.84, 0.84, 0.84, 0.18, 0.44~
## $ lq_avg_annual_pay              <dbl> 1.00, 0.84, 0.84, 0.84, 0.18, 0.44~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 169, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.2, 5.0, 5.0, 0.0, 0.0, 50.0, 0.0~
## $ oty_annual_avg_emplvl_chg      <dbl> 3149, 0, 0, -5, -1, 2, 9, 5, -11, ~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> 8.2, 0.0, 0.0, -1.0, -8.3, 20.0, 1~
## $ oty_total_annual_wages_chg     <dbl> 100027555, 3472239, 3472239, -2620~
## $ oty_total_annual_wages_pct_chg <dbl> 12.9, 9.3, 9.3, -2.4, -4.1, 18.2, ~
## $ oty_taxable_annual_wages_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg   <dbl> 17, 40, 40, -6, -2, -11, -4, -13, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 4.4, 9.5, 9.5, -1.4, -1.6, -4.5, -~
## $ oty_avg_annual_pay_chg         <dbl> 879, 2045, 2045, -283, -132, -595,~
## $ oty_avg_annual_pay_pct_chg     <dbl> 4.4, 9.3, 9.3, -1.3, -2.0, -4.7, -~
## Fips loop: 1.481 sec elapsed
## [1] "'Middle' loop with FIPS = 45015"

## Rows: 277 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 277
## Columns: 43
## $ area_fips                      <dbl> 45015, 45015, 45015, 45015, 45015,~
```

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```
## $ own_code                                <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                           <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                             <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                    <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                     <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                              <chr> "Berkeley County, South Carolina",~
## $ own_title                               <chr> "Total Covered", "Federal Governme~
## $ industry_title                          <chr> "Total, all industries", "Total, a~
## $ agglvl_title                            <chr> "County, Total Covered", "County, ~
## $ size_title                              <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count                 <dbl> 1399, 11, 11, 1, 1, 9, 1, 1, 1, 1,~
## $ annual_avg_emplvl                       <dbl> 25171, 797, 797, 103, 9, 685, 103,~
## $ total_annual_wages                      <dbl> 609349381, 31165316, 31165316, 323~
## $ taxable_annual_wages                    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                     <dbl> 466, 752, 752, 602, 774, 774, 602,~
## $ avg_annual_pay                          <dbl> 24208, 39087, 39087, 31319, 40223,~
## $ lq_disclosure_code                      <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count              <dbl> 1.00, 1.11, 1.11, 0.27, 4.25, 1.69~
## $ lq_annual_avg_emplvl                    <dbl> 1.00, 1.24, 1.27, 0.49, 0.65, 2.12~
## $ lq_total_annual_wages                   <dbl> 1.00, 1.47, 1.51, 0.51, 0.85, 2.44~
## $ lq_taxable_annual_wages                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage                 <dbl> 1.00, 1.19, 1.19, 1.03, 1.27, 1.15~
## $ lq_avg_annual_pay                       <dbl> 1.00, 1.19, 1.19, 1.03, 1.27, 1.16~
## $ oty_disclosure_code                     <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg         <dbl> 65, -1, -1, 0, 0, -1, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg     <dbl> 4.9, -8.3, -8.3, 0.0, 0.0, -10.0, ~
## $ oty_annual_avg_emplvl_chg               <dbl> -234, -373, -373, 4, -1, -376, 4, ~
## $ oty_annual_avg_emplvl_pct_chg           <dbl> -0.9, -31.9, -31.9, 4.0, -10.0, -3~
## $ oty_total_annual_wages_chg              <dbl> 6529996, -16290845, -16290845, 734~
## $ oty_total_annual_wages_pct_chg          <dbl> 1.1, -34.3, -34.3, 2.3, -5.3, -37.~
## $ oty_taxable_annual_wages_chg            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg            <dbl> 10, -28, -28, -14, 37, -22, -14, -~
## $ oty_annual_avg_wkly_wage_pct_chg        <dbl> 2.2, -3.6, -3.6, -2.3, 5.0, -2.8, ~
## $ oty_avg_annual_pay_chg                  <dbl> 480, -1474, -1474, -709, 1873, -11~
## $ oty_avg_annual_pay_pct_chg              <dbl> 2.0, -3.6, -3.6, -2.2, 4.9, -2.7, ~
## Fips loop: 0.932 sec elapsed
## [1] "'Middle' loop with FIPS = 45019"

## Rows: 812 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 812
## Columns: 43
## $ area_fips                         <dbl> 45019, 45019, 45019, 45019, 45019,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Charleston County, South Carolina~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 9094, 59, 58, 5, 1, 2, 2, 5, 43, 2~
## $ annual_avg_emplvl                 <dbl> 159028, 9804, 7744, 1401, 5, 115, ~
## $ total_annual_wages                <dbl> 3577350655, 369539477, 273773775, ~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 433, 725, 680, 539, 538, 785, 758,~
## $ avg_annual_pay                    <dbl> 22495, 37691, 35355, 28024, 27966,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.91, 0.90, 0.21, 0.45, 1.31~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 2.41, 1.95, 1.07, 0.13, 1.31~
## $ lq_total_annual_wages             <dbl> 1.00, 2.96, 2.26, 1.06, 0.09, 1.81~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.23, 1.15, 0.99, 0.72, 1.38~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.23, 1.16, 0.99, 0.72, 1.39~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 116, -1, -1, 0, 0, 0, 0, -2, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.3, -1.7, -1.7, 0.0, 0.0, 0.0, 0.~
## $ oty_annual_avg_emplvl_chg         <dbl> 2526, -2183, -156, -201, -1, 1, -6~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 1.6, -18.2, -2.0, -12.5, -16.7, 0.~
## $ oty_total_annual_wages_chg        <dbl> 100488639, -80198983, 4848968, -15~
## $ oty_total_annual_wages_pct_chg    <dbl> 2.9, -17.8, 1.8, -3.9, -9.8, 17.6,~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 6, 4, 25, 49, 56, 116, -14, 26, 18~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 1.4, 0.6, 3.8, 10.0, 11.6, 17.3, -~
## $ oty_avg_annual_pay_chg            <dbl> 279, 173, 1314, 2519, 2895, 5992, ~
## $ oty_avg_annual_pay_pct_chg        <dbl> 1.3, 0.5, 3.9, 9.9, 11.5, 17.2, -1~
## Fips loop: 2.354 sec elapsed
## [1] "'Middle' loop with FIPS = 45029"

## Rows: 159 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 159
## Columns: 43
## $ area_fips                        <dbl> 45029, 45029, 45029, 45029, 45029,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Colleton County, South Carolina",~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 755, 6, 6, 1, 5, 1, 1, 1, 1, 1, 5,~
## $ annual_avg_emplvl                <dbl> 10485, 99, 99, 61, 37, 61, 61, 61,~
## $ total_annual_wages               <dbl> 198264618, 2989123, 2989123, 17940~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 364, 583, 583, 563, 616, 563, 563,~
## $ avg_annual_pay                   <dbl> 18910, 30295, 30295, 29251, 32011,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 1.12, 1.12, 0.50, 1.74, 0.52~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.37, 0.38, 0.70, 0.27, 0.76~
## $ lq_total_annual_wages            <dbl> 1.00, 0.43, 0.44, 0.87, 0.33, 0.92~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.18, 1.18, 1.23, 1.18, 1.20~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.18, 1.18, 1.23, 1.18, 1.20~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 30, -1, -1, 0, -1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.1, -14.3, -14.3, 0.0, -16.7, 0.0~
## $ oty_annual_avg_emplvl_chg        <dbl> 509, 5, 5, 2, 2, 2, 2, 2, 2, 2, 2,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 5.1, 5.3, 5.3, 3.4, 5.7, 3.4, 3.4,~
## $ oty_total_annual_wages_chg       <dbl> 12069915, 114332, 114332, 19543, 9~
## $ oty_total_annual_wages_pct_chg   <dbl> 6.5, 4.0, 4.0, 1.1, 8.6, 1.1, 1.1,~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 5, -8, -8, -15, 3, -15, -15, -15, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 1.4, -1.4, -1.4, -2.6, 0.5, -2.6, ~
## $ oty_avg_annual_pay_chg           <dbl> 245, -424, -424, -783, 119, -783, ~
## $ oty_avg_annual_pay_pct_chg       <dbl> 1.3, -1.4, -1.4, -2.6, 0.4, -2.6, ~
## Fips loop: 0.609 sec elapsed
## [1] "'Middle' loop with FIPS = 45035"
```

```
## Rows: 255 Columns: 43

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 255
## Columns: 43
## $ area_fips                       <dbl> 45035, 45035, 45035, 45035, 45035,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Dorchester County, South Carolina~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 1435, 8, 8, 1, 7, 1, 1, 1, 1, 1, 7~
## $ annual_avg_emplvl               <dbl> 21504, 159, 159, 134, 25, 134, 134~
## $ total_annual_wages              <dbl> 450254328, 5380041, 5380041, 44293~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 403, 650, 650, 637, 719, 637, 637,~
## $ avg_annual_pay                  <dbl> 20938, 33819, 33819, 33137, 37406,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 0.78, 0.79, 0.27, 1.28, 0.27~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.29, 0.30, 0.75, 0.09, 0.82~
## $ lq_total_annual_wages           <dbl> 1.00, 0.34, 0.35, 0.95, 0.11, 1.00~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.18, 1.18, 1.26, 1.24, 1.23~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.19, 1.19, 1.26, 1.24, 1.23~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 1, -2, -2, 0, -2, 0, 0, 0, 0, 0, -~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.1, -20.0, -20.0, 0.0, -22.2, 0.0~
## $ oty_annual_avg_emplvl_chg       <dbl> 618, -4, -4, 3, -7, 3, 3, 3, 3, 3,~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 3.0, -2.5, -2.5, 2.3, -21.9, 2.3, ~
## $ oty_total_annual_wages_chg      <dbl> 30014571, -239909, -239909, -8120,~
## $ oty_total_annual_wages_pct_chg  <dbl> 7.1, -4.3, -4.3, -0.2, -19.6, -0.2~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 16, -13, -13, -14, 6, -14, -14, -1~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 4.1, -2.0, -2.0, -2.2, 0.8, -2.2, ~
```

```
## $ oty_avg_annual_pay_chg                  <dbl> 817, -677, -677, -736, 355, -736, ~
## $ oty_avg_annual_pay_pct_chg              <dbl> 4.1, -2.0, -2.0, -2.2, 1.0, -2.2, ~
## Fips loop: 0.845 sec elapsed
## [1] "'Middle' loop with FIPS = 45043"

## Rows: 236 Columns: 43

## -- Column specification ----------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 236
## Columns: 43
## $ area_fips                              <dbl> 45043, 45043, 45043, 45043, 45043,~
## $ own_code                               <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                          <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                            <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                   <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                    <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                             <chr> "Georgetown County, South Carolina~
## $ own_title                              <chr> "Total Covered", "Federal Governme~
## $ industry_title                         <chr> "Total, all industries", "Total, a~
## $ agglvl_title                           <chr> "County, Total Covered", "County, ~
## $ size_title                             <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count                <dbl> 1340, 8, 8, 1, 1, 6, 1, 1, 1, 1, 1~
## $ annual_avg_emplvl                      <dbl> 19015, 87, 87, 62, 1, 25, 62, 62, ~
## $ total_annual_wages                     <dbl> 397948817, 3095841, 3095841, 22356~
## $ taxable_annual_wages                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                   <dbl> 402, 681, 681, 694, 479, 656, 694,~
## $ avg_annual_pay                         <dbl> 20928, 35415, 35415, 36107, 24891,~
## $ lq_disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count             <dbl> 1.00, 0.84, 0.84, 0.28, 4.44, 1.18~
## $ lq_annual_avg_emplvl                   <dbl> 1.00, 0.18, 0.18, 0.39, 0.10, 0.10~
## $ lq_total_annual_wages                  <dbl> 1.00, 0.22, 0.23, 0.54, 0.09, 0.11~
## $ lq_taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage                <dbl> 1.00, 1.24, 1.24, 1.37, 0.91, 1.13~
## $ lq_avg_annual_pay                      <dbl> 1.00, 1.24, 1.24, 1.37, 0.91, 1.13~
## $ oty_disclosure_code                    <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg        <dbl> 34, -2, -2, 0, -1, -1, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg    <dbl> 2.6, -20.0, -20.0, 0.0, -50.0, -14~
## $ oty_annual_avg_emplvl_chg              <dbl> 774, -1, -1, 1, -1, 0, 1, 1, 1, 1,~
## $ oty_annual_avg_emplvl_pct_chg          <dbl> 4.2, -1.1, -1.1, 1.6, -50.0, 0.0, ~
## $ oty_total_annual_wages_chg             <dbl> 25698602, 78233, 78233, 91735, 44,~
## $ oty_total_annual_wages_pct_chg         <dbl> 6.9, 2.6, 2.6, 4.3, 0.2, -1.6, 4.3~
## $ oty_taxable_annual_wages_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 10, 23, 23, 21, 160, 14, 21, 21, 2~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 2.6, 3.5, 3.5, 3.1, 50.2, 2.2, 3.1~
## $ oty_avg_annual_pay_chg                <dbl> 521, 1189, 1189, 1105, 8326, 696, ~
## $ oty_avg_annual_pay_pct_chg            <dbl> 2.6, 3.5, 3.5, 3.2, 50.3, 2.1, 3.2~
## Fips loop: 0.831 sec elapsed
## [1] "'Middle' loop with FIPS = 45049"

## Rows: 103 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 103
## Columns: 43
## $ area_fips                       <dbl> 45049, 45049, 45049, 45049, 45049,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Hampton County, South Carolina", ~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 436, 6, 6, 1, 5, 1, 1, 1, 1, 1, 5,~
## $ annual_avg_emplvl               <dbl> 5790, 365, 365, 39, 326, 39, 39, 3~
## $ total_annual_wages              <dbl> 118301236, 12905070, 12905070, 100~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 393, 680, 680, 499, 702, 499, 499,~
## $ avg_annual_pay                  <dbl> 20431, 35356, 35356, 25931, 36481,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 1.93, 1.94, 0.87, 3.01, 0.90~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 2.46, 2.53, 0.81, 4.38, 0.88~
## $ lq_total_annual_wages           <dbl> 1.00, 3.13, 3.22, 0.82, 5.44, 0.87~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.27, 1.27, 1.01, 1.24, 0.98~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.27, 1.27, 1.01, 1.24, 0.98~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.6, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg       <dbl> 202, 5, 5, 3, 2, 3, 3, 3, 3, 3, 2,~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 3.6, 1.4, 1.4, 8.3, 0.6, 8.3, 8.3,~
```

```
## $ oty_total_annual_wages_chg          <dbl> -225429, 677573, 677573, 14059, 66~
## $ oty_total_annual_wages_pct_chg      <dbl> -0.2, 5.5, 5.5, 1.4, 5.9, 1.4, 1.4~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> -15, 26, 26, -33, 35, -33, -33, -3~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> -3.7, 4.0, 4.0, -6.2, 5.2, -6.2, -~
## $ oty_avg_annual_pay_chg              <dbl> -780, 1367, 1367, -1710, 1786, -17~
## $ oty_avg_annual_pay_pct_chg          <dbl> -3.7, 4.0, 4.0, -6.2, 5.1, -6.2, -~
## Fips loop: 0.438 sec elapsed
## [1] "'Middle' loop with FIPS = 45051"

## Rows: 592 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 592
## Columns: 43
## $ area_fips                   <dbl> 45051, 45051, 45051, 45051, 45051,~
## $ own_code                    <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code               <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                 <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                        <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                         <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                  <chr> "Horry County, South Carolina", "H~
## $ own_title                   <chr> "Total Covered", "Federal Governme~
## $ industry_title              <chr> "Total, all industries", "Total, a~
## $ agglvl_title                <chr> "County, Total Covered", "County, ~
## $ size_title                  <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count     <dbl> 5921, 17, 17, 2, 1, 14, 2, 1, 1, 1~
## $ annual_avg_emplvl           <dbl> 80332, 383, 383, 292, 5, 86, 292, ~
## $ total_annual_wages          <dbl> 1443249902, 14085801, 14085801, 10~
## $ taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage        <dbl> 346, 707, 707, 712, 553, 699, 712,~
## $ avg_annual_pay              <dbl> 17966, 36754, 36754, 37015, 28747,~
## $ lq_disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count  <dbl> 1.00, 0.40, 0.41, 0.13, 0.69, 0.62~
## $ lq_annual_avg_emplvl        <dbl> 1.00, 0.19, 0.19, 0.44, 0.26, 0.08~
## $ lq_total_annual_wages       <dbl> 1.00, 0.28, 0.29, 0.72, 0.25, 0.12~
## $ lq_taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage     <dbl> 1.00, 1.50, 1.50, 1.63, 0.93, 1.40~
## $ lq_avg_annual_pay           <dbl> 1.00, 1.50, 1.50, 1.64, 0.93, 1.41~
## $ oty_disclosure_code         <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg      <dbl> 322, -2, -2, 0, 0, -2, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 5.8, -10.5, -10.5, 0.0, 0.0, -12.5~
## $ oty_annual_avg_emplvl_chg            <dbl> 7033, 15, 15, 10, -1, 6, 10, -1, -~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 9.6, 4.1, 4.1, 3.5, -16.7, 7.5, 3.~
## $ oty_total_annual_wages_chg           <dbl> 158915268, 907197, 907197, 576423,~
## $ oty_total_annual_wages_pct_chg       <dbl> 12.4, 6.9, 6.9, 5.6, -17.8, 13.1, ~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 9, 18, 18, 14, -9, 33, 14, 31, 31,~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 2.7, 2.6, 2.6, 2.0, -1.6, 5.0, 2.0~
## $ oty_avg_annual_pay_chg               <dbl> 444, 934, 934, 720, -476, 1696, 72~
## $ oty_avg_annual_pay_pct_chg           <dbl> 2.5, 2.6, 2.6, 2.0, -1.6, 4.9, 2.0~
## Fips loop: 1.729 sec elapsed
## [1] "'Middle' loop with FIPS = 45053"

## Rows: 89 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 89
## Columns: 43
## $ area_fips                <dbl> 45053, 45053, 45053, 45053, 45053,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Jasper County, South Carolina", "~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 341, 7, 7, 1, 6, 1, 1, 1, 1, 1, 6,~
## $ annual_avg_emplvl        <dbl> 3855, 48, 48, 26, 23, 26, 26, 26, ~
## $ total_annual_wages       <dbl> 62099671, 1227330, 1227330, 675340~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage     <dbl> 310, 487, 487, 504, 468, 504, 504,~
## $ avg_annual_pay           <dbl> 16109, 25349, 25349, 26227, 24353,~
## $ lq_disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 2.89, 2.90, 1.12, 4.62, 1.15~
## $ lq_annual_avg_emplvl     <dbl> 1.00, 0.49, 0.50, 0.82, 0.46, 0.88~
## $ lq_total_annual_wages    <dbl> 1.00, 0.57, 0.58, 1.05, 0.48, 1.11~
## $ lq_taxable_annual_wages  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 1.15, 1.15, 1.29, 1.05, 1.26~
## $ lq_avg_annual_pay                    <dbl> 1.00, 1.16, 1.16, 1.29, 1.05, 1.26~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 24, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 7.6, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> 80, -1, -1, 1, -1, 1, 1, 1, 1, 1, ~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 2.1, -2.0, -2.0, 4.0, -4.2, 4.0, 4~
## $ oty_total_annual_wages_chg           <dbl> 3492553, -43143, -43143, -4098, -3~
## $ oty_total_annual_wages_pct_chg       <dbl> 6.0, -3.4, -3.4, -0.6, -6.6, -0.6,~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 11, -9, -9, -22, 2, -22, -22, -22,~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 3.7, -1.8, -1.8, -4.2, 0.4, -4.2, ~
## $ oty_avg_annual_pay_chg               <dbl> 583, -447, -447, -1133, 147, -1133~
## $ oty_avg_annual_pay_pct_chg           <dbl> 3.8, -1.7, -1.7, -4.1, 0.6, -4.1, ~
## Fips loop: 0.45 sec elapsed
## [1] "'Middle' loop with FIPS = 48007"

## Rows: 105 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 105
## Columns: 43
## $ area_fips                   <dbl> 48007, 48007, 48007, 48007, 48007,~
## $ own_code                    <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code               <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                 <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                        <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                         <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                  <chr> "Aransas County, Texas", "Aransas ~
## $ own_title                   <chr> "Total Covered", "Federal Governme~
## $ industry_title              <chr> "Total, all industries", "Total, a~
## $ agglvl_title                <chr> "County, Total Covered", "County, ~
## $ size_title                  <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count     <dbl> 476, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1,~
## $ annual_avg_emplvl           <dbl> 4682, 26, 26, 24, 1, 24, 24, 24, 2~
## $ total_annual_wages          <dbl> 85754077, 926963, 926963, 850533, ~
## $ taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage        <dbl> 352, 686, 686, 682, 593, 682, 682,~
## $ avg_annual_pay              <dbl> 18315, 35652, 35652, 35439, 30848,~
## $ lq_disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

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```
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.89, 0.89, 0.80, 12.49, 0.8~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.22, 0.22, 0.62, 0.39, 0.67~
## $ lq_total_annual_wages             <dbl> 1.00, 0.31, 0.32, 0.95, 0.50, 1.01~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.43, 1.43, 1.54, 1.29, 1.50~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.43, 1.43, 1.54, 1.29, 1.50~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 7, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.5, 50.0, 50.0, 0.0, 0.0, 0.0, 0.~
## $ oty_annual_avg_emplvl_chg         <dbl> 167, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 3.7, 4.0, 4.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_total_annual_wages_chg        <dbl> 6091447, 21230, 21230, -29660, 662~
## $ oty_total_annual_wages_pct_chg    <dbl> 7.6, 2.3, 2.3, -3.4, 27.3, -3.4, -~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 13, -25, -25, -33, -28, -33, -33, ~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.8, -3.5, -3.5, -4.6, -4.5, -4.6,~
## $ oty_avg_annual_pay_chg            <dbl> 672, -1317, -1317, -1752, -1453, -~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.8, -3.6, -3.6, -4.7, -4.5, -4.7,~
## Fips loop: 0.437 sec elapsed
## [1] "'Middle' loop with FIPS = 48039"

## Rows: 516 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 516
## Columns: 43
## $ area_fips                         <dbl> 48039, 48039, 48039, 48039, 48039,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Brazoria County, Texas", "Brazori~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 3420, 18, 18, 4, 1, 1, 12, 4, 4, 4~
## $ annual_avg_emplvl                 <dbl> 69483, 409, 409, 339, 3, 1, 66, 33~
## $ total_annual_wages                <dbl> 2076288842, 14676798, 14676798, 11~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

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```
## $ annual_contributions                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                    <dbl> 575, 690, 690, 678, 584, 724, 757,~
## $ avg_annual_pay                          <dbl> 29882, 35863, 35863, 35238, 30376,~
## $ lq_disclosure_code                      <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count              <dbl> 1.00, 0.74, 0.74, 0.45, 1.19, 1.74~
## $ lq_annual_avg_emplvl                    <dbl> 1.00, 0.23, 0.24, 0.59, 0.18, 0.03~
## $ lq_total_annual_wages                   <dbl> 1.00, 0.20, 0.21, 0.55, 0.12, 0.03~
## $ lq_taxable_annual_wages                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage                 <dbl> 1.00, 0.88, 0.88, 0.94, 0.59, 0.96~
## $ lq_avg_annual_pay                       <dbl> 1.00, 0.88, 0.88, 0.94, 0.59, 0.96~
## $ oty_disclosure_code                     <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg         <dbl> 130, 4, 4, 1, 0, 0, 4, 1, 1, 1, 1,~
## $ oty_annual_avg_estabs_count_pct_chg     <dbl> 4.0, 28.6, 28.6, 33.3, 0.0, 0.0, 5~
## $ oty_annual_avg_emplvl_chg               <dbl> -383, 28, 28, 13, -1, 0, 15, 13, 1~
## $ oty_annual_avg_emplvl_pct_chg           <dbl> -0.5, 7.3, 7.3, 4.0, -25.0, 0.0, 2~
## $ oty_total_annual_wages_chg              <dbl> 53465245, 836162, 836162, 4077, 36~
## $ oty_total_annual_wages_pct_chg          <dbl> 2.6, 6.0, 6.0, 0.0, 55.2, 10.0, 44~
## $ oty_taxable_annual_wages_chg            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg            <dbl> 18, -9, -9, -27, 217, 66, 77, -27,~
## $ oty_annual_avg_wkly_wage_pct_chg        <dbl> 3.2, -1.3, -1.3, -3.8, 59.1, 10.0,~
## $ oty_avg_annual_pay_chg                  <dbl> 929, -464, -464, -1429, 11275, 343~
## $ oty_avg_annual_pay_pct_chg              <dbl> 3.2, -1.3, -1.3, -3.9, 59.0, 10.0,~
## Fips loop: 1.555 sec elapsed
## [1] "'Middle' loop with FIPS = 48057"

## Rows: 95 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 95
## Columns: 43
## $ area_fips                    <dbl> 48057, 48057, 48057, 48057, 48057,~
## $ own_code                     <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                  <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                         <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                          <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                   <chr> "Calhoun County, Texas", "Calhoun ~
## $ own_title                    <chr> "Total Covered", "Federal Governme~
## $ industry_title               <chr> "Total, all industries", "Total, a~
## $ agglvl_title                 <chr> "County, Total Covered", "County, ~
## $ size_title                   <chr> "All establishment sizes", "All es~
```

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```
## $ annual_avg_estabs_count            <dbl> 511, 7, 7, 3, 4, 3, 3, 3, 3, 3, 4,~
## $ annual_avg_emplvl                  <dbl> 10053, 41, 41, 32, 9, 32, 32, 32, ~
## $ total_annual_wages                 <dbl> 344258014, 1352857, 1352857, 10741~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 659, 637, 637, 652, 585, 652, 652,~
## $ avg_annual_pay                     <dbl> 34245, 33131, 33131, 33922, 30399,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 1.93, 1.93, 2.24, 2.05, 2.30~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.16, 0.16, 0.38, 0.07, 0.42~
## $ lq_total_annual_wages              <dbl> 1.00, 0.11, 0.12, 0.30, 0.04, 0.32~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.71, 0.71, 0.79, 0.62, 0.77~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.71, 0.71, 0.79, 0.62, 0.77~
## $ oty_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> -16, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -3.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg          <dbl> 107, -1, -1, 0, -1, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 1.1, -2.4, -2.4, 0.0, -10.0, 0.0, ~
## $ oty_total_annual_wages_chg         <dbl> 30421444, -52024, -52024, -48226, ~
## $ oty_total_annual_wages_pct_chg     <dbl> 9.7, -3.7, -3.7, -4.3, -1.3, -4.3,~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 52, -9, -9, -28, 46, -28, -28, -28~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 8.6, -1.4, -1.4, -4.1, 8.5, -4.1, ~
## $ oty_avg_annual_pay_chg             <dbl> 2690, -452, -452, -1430, 2387, -14~
## $ oty_avg_annual_pay_pct_chg         <dbl> 8.5, -1.3, -1.3, -4.0, 8.5, -4.0, ~
## Fips loop: 0.457 sec elapsed
## [1] "'Middle' loop with FIPS = 48061"

## Rows: 652 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 652
## Columns: 43
## $ area_fips                          <dbl> 48061, 48061, 48061, 48061, 48061,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Cameron County, Texas", "Cameron ~
```

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## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 5273, 43, 43, 3, 1, 2, 1, 36, 3, 3~
## $ annual_avg_emplvl                <dbl> 92202, 1361, 1361, 295, 4, 36, 4, ~
## $ total_annual_wages               <dbl> 1711281472, 58663435, 58663435, 10~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 357, 829, 829, 683, 446, 783, 786,~
## $ avg_annual_pay                   <dbl> 18560, 43093, 43093, 35507, 23194,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 1.15, 1.15, 0.22, 0.77, 2.25~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.58, 0.59, 0.39, 0.18, 0.71~
## $ lq_total_annual_wages            <dbl> 1.00, 0.98, 1.01, 0.59, 0.14, 1.17~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.71, 1.71, 1.52, 0.73, 1.67~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.71, 1.71, 1.52, 0.73, 1.68~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 177, 1, 1, 0, 0, -1, 0, 1, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.5, 2.4, 2.4, 0.0, 0.0, -33.3, 0.~
## $ oty_annual_avg_emplvl_chg        <dbl> 770, 14, 14, 17, -1, 4, -1, -5, 17~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 0.8, 1.0, 1.0, 6.1, -20.0, 12.5, -~
## $ oty_total_annual_wages_chg       <dbl> 70535449, 4202566, 4202566, 303411~
## $ oty_total_annual_wages_pct_chg   <dbl> 4.3, 7.7, 7.7, 3.0, -8.7, 18.5, 1.~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 12, 52, 52, -21, 8, 54, 119, 73, -~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.5, 6.7, 6.7, -3.0, 1.8, 7.4, 17.~
## $ oty_avg_annual_pay_chg           <dbl> 615, 2669, 2669, -1111, 421, 2793,~
## $ oty_avg_annual_pay_pct_chg       <dbl> 3.4, 6.6, 6.6, -3.0, 1.8, 7.4, 17.~
## Fips loop: 1.897 sec elapsed
## [1] "'Middle' loop with FIPS = 48071"

## Rows: 96 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 96
## Columns: 43
## $ area_fips                        <dbl> 48071, 48071, 48071, 48071, 48071,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Chambers County, Texas", "Chamber~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 442, 7, 7, 3, 4, 3, 3, 3, 3, 3, 4,~
## $ annual_avg_emplvl                  <dbl> 7058, 39, 39, 22, 16, 22, 22, 22, ~
## $ total_annual_wages                 <dbl> 208844192, 1388299, 1388299, 71396~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 569, 692, 692, 619, 790, 619, 619,~
## $ avg_annual_pay                     <dbl> 29589, 35982, 35982, 32209, 41076,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 2.23, 2.24, 2.59, 2.38, 2.65~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.22, 0.22, 0.38, 0.18, 0.41~
## $ lq_total_annual_wages              <dbl> 1.00, 0.19, 0.20, 0.33, 0.17, 0.35~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.89, 0.89, 0.86, 0.97, 0.84~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.89, 0.89, 0.87, 0.97, 0.84~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.8, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg          <dbl> 699, 0, 0, 0, -1, 0, 0, 0, 0, 0, -~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 11.0, 0.0, 0.0, 0.0, -5.9, 0.0, 0.~
## $ oty_total_annual_wages_chg         <dbl> 25493927, -18880, -18880, -4184, -~
## $ oty_total_annual_wages_pct_chg     <dbl> 13.9, -1.3, -1.3, -0.6, -2.1, -0.6~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 15, 4, 4, -4, 18, -4, -4, -4, -4, ~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 2.7, 0.6, 0.6, -0.6, 2.3, -0.6, -0~
## $ oty_avg_annual_pay_chg             <dbl> 756, 206, 206, -189, 938, -189, -1~
## $ oty_avg_annual_pay_pct_chg         <dbl> 2.6, 0.6, 0.6, -0.6, 2.3, -0.6, -0~
## Fips loop: 0.461 sec elapsed
## [1] "'Middle' loop with FIPS = 48167"

## Rows: 582 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 582
## Columns: 43
## $ area_fips                          <dbl> 48167, 48167, 48167, 48167, 48167,~
```

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```
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Galveston County, Texas", "Galves~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 4171, 23, 23, 3, 4, 14, 3, 3, 3, 3~
## $ annual_avg_emplvl                 <dbl> 85113, 976, 976, 423, 409, 143, 42~
## $ total_annual_wages                <dbl> 2244183465, 39165438, 39165438, 14~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 507, 771, 771, 682, 821, 898, 682,~
## $ avg_annual_pay                    <dbl> 26367, 40115, 40115, 35463, 42674,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.78, 0.78, 0.27, 5.70, 0.88~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.45, 0.46, 0.60, 8.72, 0.13~
## $ lq_total_annual_wages             <dbl> 1.00, 0.50, 0.51, 0.64, 10.77, 0.1~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.12, 1.12, 1.07, 1.24, 1.23~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.12, 1.12, 1.07, 1.24, 1.23~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 130, 3, 3, 0, 0, 1, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.2, 15.0, 15.0, 0.0, 0.0, 7.7, 0.~
## $ oty_annual_avg_emplvl_chg         <dbl> 2221, -29, -29, 16, -45, -2, 16, 1~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 2.7, -2.9, -2.9, 3.9, -9.9, -1.4, ~
## $ oty_total_annual_wages_chg        <dbl> 156308967, 140647, 140647, 219553,~
## $ oty_total_annual_wages_pct_chg    <dbl> 7.5, 0.4, 0.4, 1.5, -2.1, 4.2, 1.5~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 23, 24, 24, -17, 65, 47, -17, -17,~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 4.8, 3.2, 3.2, -2.4, 8.6, 5.5, -2.~
## $ oty_avg_annual_pay_chg            <dbl> 1179, 1294, 1294, -885, 3375, 2470~
## $ oty_avg_annual_pay_pct_chg        <dbl> 4.7, 3.3, 3.3, -2.4, 8.6, 5.6, -2.~
## Fips loop: 1.723 sec elapsed
## [1] "'Middle' loop with FIPS = 48201"

## Rows: 1724 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,724
## Columns: 43
## $ area_fips                         <dbl> 48201, 48201, 48201, 48201, 48201,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Harris County, Texas", "Harris Co~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 75795, 76, 76, 4, 2, 3, 2, 1, 1, 6~
## $ annual_avg_emplvl                 <dbl> 1567352, 23725, 23725, 10522, 93, ~
## $ total_annual_wages                <dbl> 50114342677, 1043115837, 104311583~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 615, 846, 846, 741, 1032, 747, 917~
## $ avg_annual_pay                    <dbl> 31974, 43967, 43967, 38517, 53642,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.14, 0.14, 0.02, 0.11, 0.24~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.59, 0.61, 0.81, 0.25, 0.07~
## $ lq_total_annual_wages             <dbl> 1.00, 0.60, 0.61, 0.78, 0.24, 0.07~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.01, 1.01, 0.96, 0.98, 0.93~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.01, 1.01, 0.96, 0.98, 0.93~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 2584, 2, 2, 0, 0, 0, 1, 0, 0, -1, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.5, 2.7, 2.7, 0.0, 0.0, 0.0, 100.~
## $ oty_annual_avg_emplvl_chg         <dbl> 43632, -488, -488, 173, -169, -3, ~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 2.9, -2.0, -2.0, 1.7, -64.5, -4.5,~
## $ oty_total_annual_wages_chg        <dbl> 2957085139, -7362872, -7362872, -5~
## $ oty_total_annual_wages_pct_chg    <dbl> 6.3, -0.7, -0.7, -0.1, -59.2, 2.3,~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 20, 12, 12, -13, 139, 40, 24, 18, ~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.4, 1.4, 1.4, -1.7, 15.6, 5.7, 2.~
## $ oty_avg_annual_pay_chg            <dbl> 1025, 582, 582, -697, 7184, 2115, ~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.3, 1.3, 1.3, -1.8, 15.5, 5.8, 2.~
## Fips loop: 2.83 sec elapsed
## [1] "'Middle' loop with FIPS = 48239"

## Rows: 95 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 95
## Columns: 43
## $ area_fips                        <dbl> 48239, 48239, 48239, 48239, 48239,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Jackson County, Texas", "Jackson ~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 365, 9, 9, 4, 1, 4, 4, 4, 4, 4, 4,~
## $ annual_avg_emplvl                <dbl> 5078, 36, 36, 22, 3, 12, 22, 22, 2~
## $ total_annual_wages               <dbl> 104685455, 1035892, 1035892, 63288~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 396, 548, 548, 555, 594, 525, 555,~
## $ avg_annual_pay                   <dbl> 20614, 28511, 28511, 28877, 30886,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 3.47, 3.48, 4.18, 11.14, 2.8~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.28, 0.28, 0.52, 2.50, 0.18~
## $ lq_total_annual_wages            <dbl> 1.00, 0.28, 0.29, 0.58, 1.94, 0.17~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.02, 1.02, 1.11, 0.87, 0.92~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.02, 1.02, 1.11, 0.87, 0.92~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 9, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.5, 12.5, 12.5, 33.3, 0.0, 0.0, 3~
## $ oty_annual_avg_emplvl_chg        <dbl> 664, -1, -1, 0, -2, 1, 0, 0, 0, 0,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 15.0, -2.7, -2.7, 0.0, -40.0, 9.1,~
## $ oty_total_annual_wages_chg       <dbl> 17846451, 23648, 23648, 6271, -455~
## $ oty_total_annual_wages_pct_chg   <dbl> 20.6, 2.3, 2.3, 1.0, -0.5, 5.9, 1.~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 18, 28, 28, -5, 253, 7, -5, -5, -5~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 4.8, 5.4, 5.4, -0.9, 74.2, 1.4, -0~
## $ oty_avg_annual_pay_chg           <dbl> 939, 1458, 1458, -268, 13139, 372,~
## $ oty_avg_annual_pay_pct_chg       <dbl> 4.8, 5.4, 5.4, -0.9, 74.0, 1.4, -0~
## Fips loop: 0.458 sec elapsed
## [1] "'Middle' loop with FIPS = 48245"
```

```
## Rows: 713 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 713
## Columns: 43
## $ area_fips                        <dbl> 48245, 48245, 48245, 48245, 48245,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Jefferson County, Texas", "Jeffer~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 5740, 37, 37, 3, 1, 3, 1, 29, 3, 3~
## $ annual_avg_emplvl                <dbl> 113122, 1662, 1662, 1171, 2, 15, 2~
## $ total_annual_wages               <dbl> 3101316986, 54247396, 54247396, 33~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 527, 628, 628, 558, 478, 556, 641,~
## $ avg_annual_pay                   <dbl> 27416, 32632, 32632, 29034, 24878,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.91, 0.91, 0.20, 0.71, 3.11~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.57, 0.59, 1.25, 0.07, 0.24~
## $ lq_total_annual_wages            <dbl> 1.00, 0.50, 0.52, 1.05, 0.04, 0.19~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.88, 0.88, 0.84, 0.53, 0.81~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.87, 0.87, 0.84, 0.53, 0.80~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 122, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.2, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 1993, 307, 307, 332, -1, -6, -11, ~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 1.8, 22.7, 22.7, 39.6, -33.3, -28.~
## $ oty_total_annual_wages_chg       <dbl> 95513070, 5695786, 5695786, 547095~
## $ oty_total_annual_wages_pct_chg   <dbl> 3.2, 11.7, 11.7, 19.2, -59.5, -30.~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 7, -61, -61, -96, -224, -8, 45, 43~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 1.3, -8.9, -8.9, -14.7, -31.9, -1.~
```

```
## $ oty_avg_annual_pay_chg                  <dbl> 368, -3202, -3202, -4972, -11642, ~
## $ oty_avg_annual_pay_pct_chg              <dbl> 1.4, -8.9, -8.9, -14.6, -31.9, -1.~
## Fips loop: 2.071 sec elapsed
## [1] "'Middle' loop with FIPS = 48261"

## Rows: 17 Columns: 43

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 17
## Columns: 43
## $ area_fips                          <dbl> 48261, 48261, 48261, 48261, 48261,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 5, 5, 5~
## $ industry_code                      <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Kenedy County, Texas", "Kenedy Co~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 24, 2, 2, 2, 2, 2, 2, 2, 2, 19, 11~
## $ annual_avg_emplvl                  <dbl> 260, 3, 3, 3, 3, 3, 3, 3, 3, 194, ~
## $ total_annual_wages                 <dbl> 5535177, 45241, 45241, 45241, 4524~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 409, 290, 290, 290, 290, 290, 290,~
## $ avg_annual_pay                     <dbl> 21269, 15080, 15080, 15080, 15080,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 11.72, 11.77, 31.77, 32.58, ~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.45, 0.46, 1.40, 1.51, 1.57~
## $ lq_total_annual_wages              <dbl> 1.00, 0.23, 0.24, 0.79, 0.83, 0.88~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.52, 0.52, 0.56, 0.55, 0.56~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.52, 0.52, 0.56, 0.55, 0.56~
## $ oty_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 3, 0, 0, 0, 0, 0, 0, 0, 0, 3, 1, 1~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 14.3, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg          <dbl> 4, 0, 0, 0, 0, 0, 0, 0, 3, -1, ~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 1.6, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_total_annual_wages_chg         <dbl> 224797, -4611, -4611, -4611, -4611~
## $ oty_total_annual_wages_pct_chg     <dbl> 4.2, -9.2, -9.2, -9.2, -9.2, -9.2,~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 10, -30, -30, -30, -30, -30, -30, ~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 2.5, -9.4, -9.4, -9.4, -9.4, -9.4,~
## $ oty_avg_annual_pay_chg                <dbl> 512, -1537, -1537, -1537, -1537, -~
## $ oty_avg_annual_pay_pct_chg            <dbl> 2.5, -9.2, -9.2, -9.2, -9.2, -9.2,~
## Fips loop: 0.258 sec elapsed
## [1] "'Middle' loop with FIPS = 48273"

## Rows: 142 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 142
## Columns: 43
## $ area_fips                        <dbl> 48273, 48273, 48273, 48273, 48273,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Kleberg County, Texas", "Kleberg ~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 585, 15, 15, 3, 2, 10, 1, 1, 1, 1,~
## $ annual_avg_emplvl                <dbl> 10182, 512, 512, 65, 77, 370, 23, ~
## $ total_annual_wages               <dbl> 189610933, 17621069, 17621069, 180~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 358, 662, 662, 536, 176, 784, 165,~
## $ avg_annual_pay                   <dbl> 18622, 34416, 34416, 27859, 9169, ~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 3.61, 3.62, 1.95, 24.18, 4.4~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 1.96, 2.02, 0.77, 14.71, 2.8~
## $ lq_total_annual_wages            <dbl> 1.00, 2.67, 2.74, 0.92, 10.19, 4.3~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.36, 1.36, 1.19, 0.69, 1.52~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.36, 1.36, 1.19, 0.70, 1.52~
## $ oty_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 14, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 2.5, 0.0, 0.0, 0.0, 0.0, 11.1, 0.0~
## $ oty_annual_avg_emplvl_chg            <dbl> -219, -44, -44, -3, -18, -23, -4, ~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> -2.1, -7.9, -7.9, -4.4, -18.9, -5.~
```

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```
## $ oty_total_annual_wages_chg          <dbl> -4433660, 688066, 688066, -69289, ~
## $ oty_total_annual_wages_pct_chg      <dbl> -2.3, 4.1, 4.1, -3.7, -11.7, 6.0, ~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> -1, 76, 76, 8, 14, 86, -8, -8, -8,~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> -0.3, 13.0, 13.0, 1.5, 8.6, 12.3, ~
## $ oty_avg_annual_pay_chg              <dbl> -35, 3966, 3966, 412, 744, 4517, -~
## $ oty_avg_annual_pay_pct_chg          <dbl> -0.2, 13.0, 13.0, 1.5, 8.8, 12.5, ~
## Fips loop: 0.551 sec elapsed
## [1] "'Middle' loop with FIPS = 48321"

## Rows: 158 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 158
## Columns: 43
## $ area_fips                  <dbl> 48321, 48321, 48321, 48321, 48321,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Matagorda County, Texas", "Matago~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count    <dbl> 860, 7, 7, 4, 3, 4, 4, 4, 4, 4, 3,~
## $ annual_avg_emplvl          <dbl> 12056, 81, 81, 70, 11, 70, 70, 70,~
## $ total_annual_wages         <dbl> 353138743, 2549596, 2549596, 23223~
## $ taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage       <dbl> 563, 608, 608, 637, 416, 637, 637,~
## $ avg_annual_pay             <dbl> 29293, 31639, 31639, 33137, 21642,~
## $ lq_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 1.14, 1.15, 1.77, 0.92, 1.82~
## $ lq_annual_avg_emplvl       <dbl> 1.00, 0.26, 0.27, 0.70, 0.07, 0.76~
## $ lq_total_annual_wages      <dbl> 1.00, 0.21, 0.21, 0.63, 0.03, 0.67~
## $ lq_taxable_annual_wages    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage    <dbl> 1.00, 0.79, 0.79, 0.90, 0.51, 0.88~
## $ lq_avg_annual_pay          <dbl> 1.00, 0.79, 0.79, 0.90, 0.51, 0.88~
## $ oty_disclosure_code        <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg       <dbl> -16, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0,~
## $ oty_annual_avg_estabs_count_pct_chg   <dbl> -1.8, 16.7, 16.7, 33.3, 0.0, 33.3,~
## $ oty_annual_avg_emplvl_chg             <dbl> -107, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_emplvl_pct_chg         <dbl> -0.9, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_total_annual_wages_chg            <dbl> 8161474, -52610, -52610, -18968, -~
## $ oty_total_annual_wages_pct_chg        <dbl> 2.4, -2.0, -2.0, -0.8, -12.9, -0.8~
## $ oty_taxable_annual_wages_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 18, -10, -10, -10, -23, -10, -10, ~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 3.3, -1.6, -1.6, -1.5, -5.2, -1.5,~
## $ oty_avg_annual_pay_chg                <dbl> 930, -487, -487, -511, -1209, -511~
## $ oty_avg_annual_pay_pct_chg            <dbl> 3.3, -1.5, -1.5, -1.5, -5.3, -1.5,~
## Fips loop: 0.6 sec elapsed
## [1] "'Middle' loop with FIPS = 48355"

## Rows: 777 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 777
## Columns: 43
## $ area_fips                    <dbl> 48355, 48355, 48355, 48355, 48355,~
## $ own_code                     <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                <chr> "10", "10", "101", "1013", "102", ~
## $ agglvl_code                  <dbl> 70, 71, 72, 73, 72, 73, 73, 73, 73~
## $ size_code                    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                         <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                          <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                   <chr> "Nueces County, Texas", "Nueces Co~
## $ own_title                    <chr> "Total Covered", "Federal Governme~
## $ industry_title               <chr> "Total, all industries", "Total, a~
## $ agglvl_title                 <chr> "County, Total Covered", "County, ~
## $ size_title                   <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count      <dbl> 7499, 48, 1, 1, 47, 4, 2, 4, 1, 3,~
## $ annual_avg_emplvl            <dbl> 131018, 5735, 3136, 3136, 2599, 93~
## $ total_annual_wages           <dbl> 3162538514, 215478819, 115701728, ~
## $ taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage         <dbl> 464, 723, 710, 710, 738, 635, 746,~
## $ avg_annual_pay               <dbl> 24138, 37576, 36896, 36896, 38397,~
## $ lq_disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count   <dbl> 1.00, 0.90, 4.32, 18.75, 0.89, 0.2~
## $ lq_annual_avg_emplvl         <dbl> 1.00, 1.71, 35.50, 40.19, 0.80, 0.~
## $ lq_total_annual_wages        <dbl> 1.00, 1.96, 38.87, 43.81, 0.93, 0.~
## $ lq_taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 1.14, 1.10, 1.09, 1.17, 1.09~
## $ lq_avg_annual_pay                    <dbl> 1.00, 1.14, 1.10, 1.09, 1.17, 1.09~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 306, 3, 0, 0, 3, 0, 0, 1, 0, 0, 2,~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 4.3, 6.7, 0.0, 0.0, 6.8, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> 2498, 81, 106, 106, -25, 19, 1, 14~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 1.9, 1.4, 3.5, 3.5, -1.0, 2.1, 14.~
## $ oty_total_annual_wages_chg           <dbl> 101557618, -9536951, -10933835, -1~
## $ oty_total_annual_wages_pct_chg       <dbl> 3.3, -4.2, -8.6, -8.6, 1.4, -0.7, ~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 6, -42, -94, -94, 17, -18, 67, 27,~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 1.3, -5.5, -11.7, -11.7, 2.4, -2.8~
## $ oty_avg_annual_pay_chg               <dbl> 321, -2225, -4904, -4904, 905, -92~
## $ oty_avg_annual_pay_pct_chg           <dbl> 1.3, -5.6, -11.7, -11.7, 2.4, -2.7~
## Fips loop: 2.252 sec elapsed
## [1] "'Middle' loop with FIPS = 48361"

## Rows: 244 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 244
## Columns: 43
## $ area_fips                  <dbl> 48361, 48361, 48361, 48361, 48361,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Orange County, Texas", "Orange Co~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count    <dbl> 1321, 3, 3, 2, 1, 2, 2, 2, 2, 2, 1~
## $ annual_avg_emplvl          <dbl> 23977, 122, 122, 121, 1, 121, 121,~
## $ total_annual_wages         <dbl> 645749723, 4261766, 4261766, 42577~
## $ taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage       <dbl> 518, 672, 672, 677, 77, 677, 677, ~
## $ avg_annual_pay             <dbl> 26932, 34956, 34956, 35212, 4011, ~
## $ lq_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 0.32, 0.32, 0.58, 0.20, 0.59~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.20, 0.20, 0.61, 0.00, 0.66~
## $ lq_total_annual_wages              <dbl> 1.00, 0.19, 0.19, 0.63, 0.00, 0.67~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.95, 0.95, 1.04, 0.10, 1.01~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.95, 0.95, 1.04, 0.10, 1.01~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 28, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.2, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg          <dbl> 285, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 1.2, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_total_annual_wages_chg         <dbl> 21750971, -22082, -22082, -20918, ~
## $ oty_total_annual_wages_pct_chg     <dbl> 3.5, -0.5, -0.5, -0.5, -22.5, -0.5~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 12, -6, -6, -5, -23, -5, -5, -5, -~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 2.4, -0.9, -0.9, -0.7, -23.0, -0.7~
## $ oty_avg_annual_pay_chg             <dbl> 594, -278, -278, -271, -1164, -271~
## $ oty_avg_annual_pay_pct_chg         <dbl> 2.3, -0.8, -0.8, -0.8, -22.5, -0.8~
## Fips loop: 0.849 sec elapsed
## [1] "'Middle' loop with FIPS = 48391"

## Rows: 52 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 52
## Columns: 43
## $ area_fips                          <dbl> 48391, 48391, 48391, 48391, 48391,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Refugio County, Texas", "Refugio ~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 242, 7, 7, 4, 3, 4, 4, 4, 4, 4, 3,~
## $ annual_avg_emplvl                  <dbl> 2045, 39, 39, 18, 21, 18, 18, 18, ~
## $ total_annual_wages                 <dbl> 43299849, 1179790, 1179790, 506593~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                  <dbl> 407, 586, 586, 544, 621, 544, 544,~
## $ avg_annual_pay                        <dbl> 21176, 30446, 30446, 28275, 32313,~
## $ lq_disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count            <dbl> 1.00, 4.07, 4.08, 6.30, 3.25, 6.46~
## $ lq_annual_avg_emplvl                  <dbl> 1.00, 0.75, 0.77, 1.06, 0.80, 1.15~
## $ lq_total_annual_wages                 <dbl> 1.00, 0.78, 0.80, 1.12, 0.84, 1.19~
## $ lq_taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage               <dbl> 1.00, 1.06, 1.06, 1.06, 1.06, 1.04~
## $ lq_avg_annual_pay                     <dbl> 1.00, 1.06, 1.06, 1.06, 1.06, 1.04~
## $ oty_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg       <dbl> -5, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -2.0, 16.7, 16.7, 33.3, 0.0, 33.3,~
## $ oty_annual_avg_emplvl_chg             <dbl> -96, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0,~
## $ oty_annual_avg_emplvl_pct_chg         <dbl> -4.5, 0.0, 0.0, 5.9, 0.0, 5.9, 5.9~
## $ oty_total_annual_wages_chg            <dbl> -1602075, -4722, -4722, -22885, 18~
## $ oty_total_annual_wages_pct_chg        <dbl> -3.6, -0.4, -0.4, -4.3, 2.8, -4.3,~
## $ oty_taxable_annual_wages_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 4, -6, -6, -52, 33, -52, -52, -52,~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 1.0, -1.0, -1.0, -8.7, 5.6, -8.7, ~
## $ oty_avg_annual_pay_chg                <dbl> 206, -321, -321, -2719, 1728, -271~
## $ oty_avg_annual_pay_pct_chg            <dbl> 1.0, -1.0, -1.0, -8.8, 5.6, -8.8, ~
## Fips loop: 0.329 sec elapsed
## [1] "'Middle' loop with FIPS = 48409"

## Rows: 188 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 188
## Columns: 43
## $ area_fips                 <dbl> 48409, 48409, 48409, 48409, 48409,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "San Patricio County, Texas", "San~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
```

```
## $ annual_avg_estabs_count            <dbl> 959, 8, 8, 4, 4, 1, 1, 1, 1, 1, 3,~
## $ annual_avg_emplvl                  <dbl> 12651, 105, 105, 91, 14, 12, 12, 1~
## $ total_annual_wages                 <dbl> 291423575, 3165588, 3165588, 27979~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 443, 582, 582, 595, 495, 160, 160,~
## $ avg_annual_pay                     <dbl> 23036, 30244, 30244, 30917, 25751,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 1.17, 1.18, 1.59, 1.09, 28.5~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.32, 0.33, 0.87, 0.09, 1.82~
## $ lq_total_annual_wages              <dbl> 1.00, 0.31, 0.32, 0.92, 0.07, 1.00~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.96, 0.96, 1.07, 0.78, 0.56~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.96, 0.97, 1.07, 0.78, 0.56~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.7, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg          <dbl> 429, 1, 1, 2, -1, 1, 1, 1, 1, 1, 1~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 3.5, 1.0, 1.0, 2.2, -6.7, 9.1, 9.1~
## $ oty_total_annual_wages_chg         <dbl> 21771492, -38122, -38122, -37731, ~
## $ oty_total_annual_wages_pct_chg     <dbl> 8.1, -1.2, -1.2, -1.3, -2.6, -5.9,~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 19, -9, -9, -18, 33, -17, -17, -17~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 4.5, -1.5, -1.5, -2.9, 7.1, -9.6, ~
## $ oty_avg_annual_pay_chg             <dbl> 973, -462, -462, -945, 1749, -913,~
## $ oty_avg_annual_pay_pct_chg         <dbl> 4.4, -1.5, -1.5, -3.0, 7.3, -9.9, ~
## Fips loop: 0.714 sec elapsed
## [1] "'Middle' loop with FIPS = 48469"

## Rows: 350 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 350
## Columns: 43
## $ area_fips                          <dbl> 48469, 48469, 48469, 48469, 48469,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Victoria County, Texas", "Victori~
```

```
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 2081, 16, 16, 4, 1, 1, 9, 4, 4, 4,~
## $ annual_avg_emplvl                   <dbl> 32464, 234, 234, 159, 5, 12, 58, 1~
## $ total_annual_wages                  <dbl> 723029694, 8583144, 8583144, 55811~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 428, 704, 704, 676, 911, 963, 719,~
## $ avg_annual_pay                      <dbl> 22272, 36615, 36615, 35138, 47391,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 1.08, 1.09, 0.73, 2.86, 7.38~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 0.28, 0.29, 0.59, 0.28, 0.16~
## $ lq_total_annual_wages               <dbl> 1.00, 0.34, 0.35, 0.74, 0.42, 0.25~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 1.21, 1.21, 1.25, 1.62, 1.59~
## $ lq_avg_annual_pay                   <dbl> 1.00, 1.21, 1.21, 1.25, 1.63, 1.59~
## $ oty_disclosure_code                 <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 20, 0, 0, 1, 0, 0, -1, 1, 1, 1, 1,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.0, 0.0, 0.0, 33.3, 0.0, 0.0, -10~
## $ oty_annual_avg_emplvl_chg           <dbl> 212, -4, -4, 5, -1, 0, -5, 5, 5, 5~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 0.7, -1.7, -1.7, 3.2, -16.7, 0.0, ~
## $ oty_total_annual_wages_chg          <dbl> 27886785, -186039, -186039, 30046,~
## $ oty_total_annual_wages_pct_chg      <dbl> 4.0, -2.1, -2.1, 0.5, -4.4, -0.5, ~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 14, -4, -4, -18, 159, 41, 12, -18,~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 3.4, -0.6, -0.6, -2.6, 21.1, 4.4, ~
## $ oty_avg_annual_pay_chg              <dbl> 719, -192, -192, -947, 8306, 2147,~
## $ oty_avg_annual_pay_pct_chg          <dbl> 3.3, -0.5, -0.5, -2.6, 21.3, 4.5, ~
## Fips loop: 1.101 sec elapsed
## [1] "'Middle' loop with FIPS = 48489"

## Rows: 70 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 70
## Columns: 43
## $ area_fips                           <dbl> 48489, 48489, 48489, 48489, 48489,~
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                       <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Willacy County, Texas", "Willacy ~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 337, 8, 8, 4, 4, 4, 4, 4, 4, 4, 4,~
## $ annual_avg_emplvl                  <dbl> 3648, 40, 40, 26, 14, 26, 26, 26, ~
## $ total_annual_wages                 <dbl> 58194063, 1164118, 1164118, 746864~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 307, 562, 562, 563, 560, 563, 563,~
## $ avg_annual_pay                     <dbl> 15952, 29225, 29225, 29289, 29111,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 3.34, 3.35, 4.52, 3.12, 4.64~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.43, 0.44, 0.86, 0.30, 0.93~
## $ lq_total_annual_wages              <dbl> 1.00, 0.57, 0.59, 1.23, 0.39, 1.31~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.34, 1.34, 1.46, 1.27, 1.42~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.35, 1.35, 1.46, 1.27, 1.42~
## $ oty_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 7, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.1, 14.3, 14.3, 33.3, 0.0, 33.3, ~
## $ oty_annual_avg_emplvl_chg          <dbl> -86, 1, 1, 1, -1, 1, 1, 1, 1, 1, -~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> -2.3, 2.6, 2.6, 4.0, -6.7, 4.0, 4.~
## $ oty_total_annual_wages_chg         <dbl> 415351, -7928, -7928, -40156, 3222~
## $ oty_total_annual_wages_pct_chg     <dbl> 0.7, -0.7, -0.7, -5.1, 8.4, -5.1, ~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 9, -16, -16, -55, 49, -55, -55, -5~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 3.0, -2.8, -2.8, -8.9, 9.6, -8.9, ~
## $ oty_avg_annual_pay_chg             <dbl> 478, -827, -827, -2834, 2557, -283~
## $ oty_avg_annual_pay_pct_chg         <dbl> 3.1, -2.8, -2.8, -8.8, 9.6, -8.8, ~
## Fips loop: 0.379 sec elapsed
## [1] "'Middle' loop with FIPS = 51001"

## Rows: 190 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 190
## Columns: 43
## $ area_fips                          <dbl> 51001, 51001, 51001, 51001, 51001,~
```

```
## $ own_code                              <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                         <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                           <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                  <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                   <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                            <chr> "Accomack County, Virginia", "Acco~
## $ own_title                             <chr> "Total Covered", "Federal Governme~
## $ industry_title                        <chr> "Total, all industries", "Total, a~
## $ agglvl_title                          <chr> "County, Total Covered", "County, ~
## $ size_title                            <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count               <dbl> 829, 16, 16, 4, 2, 1, 2, 7, 4, 4, ~
## $ annual_avg_emplvl                     <dbl> 13274, 650, 650, 96, 3, 96, 34, 42~
## $ total_annual_wages                    <dbl> 238312926, 29671286, 29671286, 251~
## $ taxable_annual_wages                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                  <dbl> 345, 878, 878, 503, 515, 889, 337,~
## $ avg_annual_pay                        <dbl> 17953, 45642, 45642, 26157, 26803,~
## $ lq_disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count            <dbl> 1.00, 2.71, 2.73, 1.84, 9.81, 7.17~
## $ lq_annual_avg_emplvl                  <dbl> 1.00, 1.91, 1.96, 0.87, 0.96, 13.1~
## $ lq_total_annual_wages                 <dbl> 1.00, 3.57, 3.67, 1.01, 0.95, 25.9~
## $ lq_taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage               <dbl> 1.00, 1.87, 1.87, 1.16, 0.87, 1.97~
## $ lq_avg_annual_pay                     <dbl> 1.00, 1.87, 1.87, 1.16, 0.87, 1.97~
## $ oty_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg       <dbl> 10, -3, -3, 0, 0, 0, 0, -3, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg   <dbl> 1.2, -15.8, -15.8, 0.0, 0.0, 0.0, ~
## $ oty_annual_avg_emplvl_chg             <dbl> 343, -23, -23, 2, -2, -3, 2, -23, ~
## $ oty_annual_avg_emplvl_pct_chg         <dbl> 2.7, -3.4, -3.4, 2.1, -40.0, -3.0,~
## $ oty_total_annual_wages_chg            <dbl> 2023566, -731348, -731348, -5010, ~
## $ oty_total_annual_wages_pct_chg        <dbl> 0.9, -2.4, -2.4, -0.2, -33.7, -1.5~
## $ oty_taxable_annual_wages_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> -6, 9, 9, -14, -16, 14, -42, 27, -~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> -1.7, 1.0, 1.0, -2.7, -3.0, 1.6, -~
## $ oty_avg_annual_pay_chg                <dbl> -320, 478, 478, -752, -807, 711, -~
## $ oty_avg_annual_pay_pct_chg            <dbl> -1.8, 1.1, 1.1, -2.8, -2.9, 1.6, -~
## Fips loop: 0.667 sec elapsed
## [1] "'Middle' loop with FIPS = 51013"

## Rows: 559 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 559
## Columns: 43
## $ area_fips                         <dbl> 51013, 51013, 51013, 51013, 51013,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1022",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Arlington County, Virginia", "Arl~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 6132, 76, 74, 6, 1, 3, 5, 1, 5, 54~
## $ annual_avg_emplvl                 <dbl> 155558, 37623, 37275, 1134, 1652, ~
## $ total_annual_wages                <dbl> 6032149566, 1600297609, 1580393280~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 746, 818, 815, 786, 887, 999, 851,~
## $ avg_annual_pay                    <dbl> 38777, 42535, 42399, 40850, 46111,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 1.74, 1.70, 0.37, 16.15, 1.9~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 9.45, 9.61, 0.88, 104.07, 1.~
## $ lq_total_annual_wages             <dbl> 1.00, 7.61, 7.73, 0.74, 74.53, 0.9~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 0.81, 0.80, 0.84, 0.72, 0.78~
## $ lq_avg_annual_pay                 <dbl> 1.00, 0.81, 0.80, 0.84, 0.72, 0.78~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 109, 2, 4, 0, 0, 0, 1, 0, 1, 3, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.8, 2.7, 5.7, 0.0, 0.0, 0.0, 25.0~
## $ oty_annual_avg_emplvl_chg         <dbl> 4417, -895, -861, -199, -6, -7, 63~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 2.9, -2.3, -2.3, -14.9, -0.4, -13.~
## $ oty_total_annual_wages_chg        <dbl> 285046554, -12075190, -11551870, -~
## $ oty_total_annual_wages_pct_chg    <dbl> 5.0, -0.7, -0.7, -7.6, 0.1, -7.8, ~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 15, 13, 12, 63, 4, 77, -36, 69, -2~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 2.1, 1.6, 1.5, 8.7, 0.5, 8.4, -4.1~
## $ oty_avg_annual_pay_chg            <dbl> 752, 675, 655, 3230, 206, 4029, -1~
## $ oty_avg_annual_pay_pct_chg        <dbl> 2.0, 1.6, 1.6, 8.6, 0.4, 8.4, -4.0~
## Fips loop: 1.678 sec elapsed
## [1] "'Middle' loop with FIPS = 51033"

## Rows: 114 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 114
## Columns: 43
## $ area_fips                         <dbl> 51033, 51033, 51033, 51033, 51033,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Caroline County, Virginia", "Caro~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 368, 13, 13, 4, 1, 2, 5, 4, 4, 4, ~
## $ annual_avg_emplvl                 <dbl> 4018, 349, 349, 41, 8, 20, 276, 41~
## $ total_annual_wages                <dbl> 76477923, 6722485, 6722485, 121137~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 366, 371, 371, 574, 768, 233, 339,~
## $ avg_annual_pay                    <dbl> 19036, 19281, 19281, 29849, 39956,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 4.97, 4.99, 4.14, 16.15, 38.~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 3.39, 3.49, 1.23, 3.61, 9.68~
## $ lq_total_annual_wages             <dbl> 1.00, 2.52, 2.59, 1.52, 5.43, 8.84~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 0.74, 0.74, 1.25, 1.60, 0.90~
## $ lq_avg_annual_pay                 <dbl> 1.00, 0.74, 0.74, 1.25, 1.60, 0.90~
## $ oty_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 20, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.7, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> -81, -7, -7, 3, -2, -1, -9, 3, 3, ~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> -2.0, -2.0, -2.0, 7.9, -20.0, -4.8~
## $ oty_total_annual_wages_chg        <dbl> 96094, -433078, -433078, 23368, -1~
## $ oty_total_annual_wages_pct_chg    <dbl> 0.1, -6.1, -6.1, 2.0, -37.1, 2.0, ~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 8, -16, -16, -30, -197, 9, -11, -3~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 2.2, -4.1, -4.1, -5.0, -20.4, 4.0,~
## $ oty_avg_annual_pay_chg            <dbl> 399, -824, -824, -1552, -10231, 43~
## $ oty_avg_annual_pay_pct_chg        <dbl> 2.1, -4.1, -4.1, -4.9, -20.4, 3.7,~
## Fips loop: 0.517 sec elapsed
## [1] "'Middle' loop with FIPS = 51036"
```

```
## Rows: 40 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 40
## Columns: 43
## $ area_fips                     <dbl> 51036, 51036, 51036, 51036, 51036,~
## $ own_code                      <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                 <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                   <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                          <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                           <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                    <chr> "Charles City County, Virginia", "~
## $ own_title                     <chr> "Total Covered", "Federal Governme~
## $ industry_title                <chr> "Total, all industries", "Total, a~
## $ agglvl_title                  <chr> "County, Total Covered", "County, ~
## $ size_title                    <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count       <dbl> 109, 5, 5, 3, 2, 3, 3, 3, 3, 3, 2,~
## $ annual_avg_emplvl             <dbl> 1137, 19, 19, 12, 7, 12, 12, 12, 1~
## $ total_annual_wages            <dbl> 22772084, 568119, 568119, 298337, ~
## $ taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage          <dbl> 385, 570, 570, 481, 716, 481, 481,~
## $ avg_annual_pay                <dbl> 20036, 29641, 29641, 25035, 37211,~
## $ lq_disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count    <dbl> 1.00, 6.45, 6.48, 10.49, 4.82, 10.~
## $ lq_annual_avg_emplvl          <dbl> 1.00, 0.65, 0.67, 1.28, 0.48, 1.38~
## $ lq_total_annual_wages         <dbl> 1.00, 0.72, 0.74, 1.26, 0.64, 1.33~
## $ lq_taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage       <dbl> 1.00, 1.09, 1.09, 0.99, 1.29, 0.97~
## $ lq_avg_annual_pay             <dbl> 1.00, 1.09, 1.09, 0.99, 1.29, 0.97~
## $ oty_disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.8, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg     <dbl> 150, -5, -5, 2, -7, 2, 2, 2, 2, 2,~
## $ oty_annual_avg_emplvl_pct_chg <dbl> 15.2, -20.8, -20.8, 20.0, -50.0, 2~
## $ oty_total_annual_wages_chg    <dbl> 4194515, -4820, -4820, 28664, -334~
## $ oty_total_annual_wages_pct_chg <dbl> 22.6, -0.8, -0.8, 10.6, -11.0, 10.~
## $ oty_taxable_annual_wages_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg  <dbl> 23, 116, 116, -38, 307, -38, -38, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 6.4, 25.6, 25.6, -7.3, 75.1, -7.3,~
```

```
## $ oty_avg_annual_pay_chg                     <dbl> 1214, 6015, 6015, -1932, 15929, -1~
## $ oty_avg_annual_pay_pct_chg                 <dbl> 6.4, 25.5, 25.5, -7.2, 74.8, -7.2,~
## Fips loop: 0.27 sec elapsed
## [1] "'Middle' loop with FIPS = 51041"

## Rows: 598 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 598
## Columns: 43
## $ area_fips                       <dbl> 51041, 51041, 51041, 51041, 51041,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Chesterfield County, Virginia", "~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 5456, 11, 11, 2, 4, 5, 2, 2, 2, 2,~
## $ annual_avg_emplvl               <dbl> 91900, 3595, 3595, 321, 29, 3245, ~
## $ total_annual_wages              <dbl> 2402318872, 154781025, 154781025, ~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 503, 828, 828, 633, 234, 853, 633,~
## $ avg_annual_pay                  <dbl> 26141, 43061, 43061, 32927, 12146,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 0.28, 0.28, 0.14, 5.19, 0.24~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 1.53, 1.57, 0.42, 0.61, 2.75~
## $ lq_total_annual_wages           <dbl> 1.00, 1.85, 1.90, 0.42, 0.40, 3.24~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.21, 1.21, 1.00, 0.66, 1.18~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.21, 1.21, 1.00, 0.66, 1.18~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 182, -1, -1, 0, 0, -1, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.5, -8.3, -8.3, 0.0, 0.0, -16.7, ~
## $ oty_annual_avg_emplvl_chg       <dbl> 4613, -199, -199, 10, -2, -207, 10~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 5.3, -5.2, -5.2, 3.2, -6.5, -6.0, ~
## $ oty_total_annual_wages_chg      <dbl> 239497939, 11571464, 11571464, 223~
## $ oty_total_annual_wages_pct_chg  <dbl> 11.1, 8.1, 8.1, 0.2, -4.6, 8.7, 0.~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 26, 102, 102, -19, 11, 116, -19, -~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 5.5, 14.0, 14.0, -2.9, 4.9, 15.7, ~
## $ oty_avg_annual_pay_chg                <dbl> 1363, 5318, 5318, -960, 537, 6007,~
## $ oty_avg_annual_pay_pct_chg            <dbl> 5.5, 14.1, 14.1, -2.8, 4.6, 15.7, ~
## Fips loop: 1.782 sec elapsed
## [1] "'Middle' loop with FIPS = 51057"

## Rows: 72 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 72
## Columns: 43
## $ area_fips                         <dbl> 51057, 51057, 51057, 51057, 51057,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Essex County, Virginia", "Essex C~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 330, 6, 6, 3, 1, 2, 3, 3, 3, 3,~
## $ annual_avg_emplvl                 <dbl> 3979, 30, 30, 16, 5, 9, 16, 16, 16~
## $ total_annual_wages                <dbl> 69133461, 823452, 823452, 402845, ~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 334, 537, 537, 489, 598, 588, 489,~
## $ avg_annual_pay                    <dbl> 17374, 27914, 27914, 25443, 31110,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 2.56, 2.57, 3.47, 12.32, 1.5~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.29, 0.30, 0.49, 5.32, 0.18~
## $ lq_total_annual_wages             <dbl> 1.00, 0.34, 0.35, 0.56, 5.64, 0.21~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.18, 1.18, 1.16, 1.04, 1.22~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.18, 1.18, 1.16, 1.04, 1.22~
## $ oty_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> -7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -2.1, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg            <dbl> -33, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> -0.8, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0~
```

```
## $ oty_total_annual_wages_chg          <dbl> 978997, -20028, -20028, 6384, 7127~
## $ oty_total_annual_wages_pct_chg      <dbl> 1.4, -2.4, -2.4, 1.6, 4.7, -11.3, ~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 7, -8, -8, 5, 45, -63, 5, 5, 5, 5,~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 2.1, -1.5, -1.5, 1.0, 8.1, -9.7, 1~
## $ oty_avg_annual_pay_chg              <dbl> 387, -438, -438, 271, 2346, -3250,~
## $ oty_avg_annual_pay_pct_chg          <dbl> 2.3, -1.5, -1.5, 1.1, 8.2, -9.6, 1~
## Fips loop: 0.394 sec elapsed
## [1] "'Middle' loop with FIPS = 51059"

## Rows: 992 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 992
## Columns: 43
## $ area_fips                    <dbl> 51059, 51059, 51059, 51059, 51059,~
## $ own_code                     <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                  <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                         <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                          <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                   <chr> "Fairfax County, Virginia", "Fairf~
## $ own_title                    <chr> "Total Covered", "Federal Governme~
## $ industry_title               <chr> "Total, all industries", "Total, a~
## $ agglvl_title                 <chr> "County, Total Covered", "County, ~
## $ size_title                   <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count      <dbl> 23702, 65, 65, 7, 1, 12, 42, 2, 2,~
## $ annual_avg_emplvl            <dbl> 417133, 21389, 21389, 6157, 1338, ~
## $ total_annual_wages           <dbl> 14926484634, 945257092, 945257092,~
## $ taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage         <dbl> 688, 850, 850, 715, 964, 400, 944,~
## $ avg_annual_pay               <dbl> 35784, 44193, 44193, 37188, 50146,~
## $ lq_disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count   <dbl> 1.00, 0.39, 0.39, 0.11, 0.25, 3.58~
## $ lq_annual_avg_emplvl         <dbl> 1.00, 2.00, 2.06, 1.79, 5.82, 4.76~
## $ lq_total_annual_wages        <dbl> 1.00, 1.82, 1.87, 1.47, 6.23, 3.91~
## $ lq_taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage      <dbl> 1.00, 0.91, 0.91, 0.83, 1.07, 0.82~
## $ lq_avg_annual_pay            <dbl> 1.00, 0.91, 0.91, 0.83, 1.07, 0.82~
## $ oty_disclosure_code          <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg      <dbl> 765, -4, -4, 0, 0, 1, -6, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 3.3, -5.8, -5.8, 0.0, 0.0, 9.1, -1~
## $ oty_annual_avg_emplvl_chg            <dbl> 12898, -405, -405, 316, -138, 23, ~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 3.2, -1.9, -1.9, 5.4, -9.3, 2.3, -~
## $ oty_total_annual_wages_chg           <dbl> 71103501, -1049863348, -1049863348~
## $ oty_total_annual_wages_pct_chg       <dbl> 0.5, -52.6, -52.6, 3.5, 0.0, 6.7, ~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> -19, -910, -910, -13, 90, 17, -151~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> -2.7, -51.7, -51.7, -1.8, 10.3, 4.~
## $ oty_avg_annual_pay_chg               <dbl> -965, -47352, -47352, -678, 4702, ~
## $ oty_avg_annual_pay_pct_chg           <dbl> -2.6, -51.7, -51.7, -1.8, 10.3, 4.~
## Fips loop: 2.836 sec elapsed
## [1] "'Middle' loop with FIPS = 51073"

## Rows: 152 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 152
## Columns: 43
## $ area_fips                  <dbl> 51073, 51073, 51073, 51073, 51073,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Gloucester County, Virginia", "Gl~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count    <dbl> 710, 9, 9, 4, 5, 4, 4, 4, 4, 4, 5,~
## $ annual_avg_emplvl          <dbl> 8056, 90, 90, 66, 25, 66, 66, 66, ~
## $ total_annual_wages         <dbl> 138500099, 2533227, 2533227, 17609~
## $ taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage       <dbl> 331, 540, 540, 517, 602, 517, 517,~
## $ avg_annual_pay             <dbl> 17192, 28095, 28095, 26884, 31310,~
## $ lq_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 1.78, 1.79, 2.15, 1.85, 2.20~
## $ lq_annual_avg_emplvl       <dbl> 1.00, 0.44, 0.45, 0.99, 0.24, 1.07~
## $ lq_total_annual_wages      <dbl> 1.00, 0.52, 0.54, 1.22, 0.30, 1.29~
## $ lq_taxable_annual_wages    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage                  <dbl> 1.00, 1.20, 1.20, 1.24, 1.26, 1.21~
## $ lq_avg_annual_pay                        <dbl> 1.00, 1.20, 1.20, 1.24, 1.27, 1.21~
## $ oty_disclosure_code                      <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg          <dbl> 10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg      <dbl> 1.4, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg                <dbl> 290, 0, 0, 2, -1, 2, 2, 2, 2, 2, -~
## $ oty_annual_avg_emplvl_pct_chg            <dbl> 3.7, 0.0, 0.0, 3.1, -3.8, 3.1, 3.1~
## $ oty_total_annual_wages_chg               <dbl> 10317061, 25444, 25444, 32818, -73~
## $ oty_total_annual_wages_pct_chg           <dbl> 8.0, 1.0, 1.0, 1.9, -0.9, 1.9, 1.9~
## $ oty_taxable_annual_wages_chg             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg             <dbl> 14, 3, 3, -2, 20, -2, -2, -2, -2, ~
## $ oty_annual_avg_wkly_wage_pct_chg         <dbl> 4.4, 0.6, 0.6, -0.4, 3.4, -0.4, -0~
## $ oty_avg_annual_pay_chg                   <dbl> 686, 179, 179, -82, 1031, -82, -82~
## $ oty_avg_annual_pay_pct_chg               <dbl> 4.2, 0.6, 0.6, -0.3, 3.4, -0.3, -0~
## Fips loop: 0.603 sec elapsed
## [1] "'Middle' loop with FIPS = 51085"

## Rows: 356 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 356
## Columns: 43
## $ area_fips                         <dbl> 51085, 51085, 51085, 51085, 51085,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Hanover County, Virginia", "Hanov~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 2287, 6, 6, 3, 2, 3, 3, 3, 3, 3, 2~
## $ annual_avg_emplvl                 <dbl> 32592, 139, 139, 133, 5, 133, 133,~
## $ total_annual_wages                <dbl> 767347740, 4523773, 4523773, 43281~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 453, 625, 625, 625, 637, 625, 625,~
## $ avg_annual_pay                    <dbl> 23544, 32526, 32526, 32482, 33120,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 0.37, 0.37, 0.50, 0.23, 0.51~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.17, 0.17, 0.49, 0.01, 0.54~
## $ lq_total_annual_wages              <dbl> 1.00, 0.17, 0.17, 0.54, 0.01, 0.57~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.01, 1.01, 1.10, 0.98, 1.07~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.01, 1.02, 1.10, 0.98, 1.07~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 110, -1, -1, 0, -1, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.1, -14.3, -14.3, 0.0, -33.3, 0.0~
## $ oty_annual_avg_emplvl_chg          <dbl> 1834, 9, 9, 10, 0, 10, 10, 10, 10,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 6.0, 6.9, 6.9, 8.1, 0.0, 8.1, 8.1,~
## $ oty_total_annual_wages_chg         <dbl> 70117063, 195703, 195703, 217876, ~
## $ oty_total_annual_wages_pct_chg     <dbl> 10.1, 4.5, 4.5, 5.3, 5.4, 5.3, 5.3~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 17, -16, -16, -18, 33, -18, -18, -~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 3.9, -2.5, -2.5, -2.8, 5.5, -2.8, ~
## $ oty_avg_annual_pay_chg             <dbl> 876, -831, -831, -935, 1699, -935,~
## $ oty_avg_annual_pay_pct_chg         <dbl> 3.9, -2.5, -2.5, -2.8, 5.4, -2.8, ~
## Fips loop: 1.127 sec elapsed
## [1] "'Middle' loop with FIPS = 51087"

## Rows: 646 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 646
## Columns: 43
## $ area_fips                 <dbl> 51087, 51087, 51087, 51087, 51087,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Henrico County, Virginia", "Henri~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 6717, 7, 7, 3, 4, 3, 1, 1, 1, 1, 2~
## $ annual_avg_emplvl         <dbl> 135299, 464, 464, 368, 97, 368, 81~
## $ total_annual_wages        <dbl> 3750253445, 19823627, 19823627, 15~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 533, 821, 821, 793, 930, 793, 1089~
## $ avg_annual_pay                   <dbl> 27718, 42693, 42693, 41211, 48342,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.15, 0.15, 0.17, 0.16, 0.17~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.13, 0.14, 0.33, 0.06, 0.36~
## $ lq_total_annual_wages            <dbl> 1.00, 0.15, 0.16, 0.39, 0.07, 0.41~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.13, 1.13, 1.18, 1.21, 1.15~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.13, 1.13, 1.18, 1.21, 1.15~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 122, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.8, 16.7, 16.7, 0.0, 33.3, 0.0, 0~
## $ oty_annual_avg_emplvl_chg        <dbl> 6187, 72, 72, 2, 71, 2, 1, 1, 1, 1~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 4.8, 18.4, 18.4, 0.5, 273.1, 0.5, ~
## $ oty_total_annual_wages_chg       <dbl> 326790040, 3999062, 3999062, 17991~
## $ oty_total_annual_wages_pct_chg   <dbl> 9.5, 25.3, 25.3, 1.2, 451.5, 1.2, ~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 23, 45, 45, 7, 300, 7, 33, 33, 33,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 4.5, 5.8, 5.8, 0.9, 47.6, 0.9, 3.1~
## $ oty_avg_annual_pay_chg           <dbl> 1202, 2333, 2333, 314, 15599, 314,~
## $ oty_avg_annual_pay_pct_chg       <dbl> 4.5, 5.8, 5.8, 0.8, 47.6, 0.8, 3.1~
## Fips loop: 1.906 sec elapsed
## [1] "'Middle' loop with FIPS = 51093"

## Rows: 124 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 124
## Columns: 43
## $ area_fips                        <dbl> 51093, 51093, 51093, 51093, 51093,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Isle of Wight County, Virginia", ~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
```

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```
## $ annual_avg_estabs_count            <dbl> 506, 7, 7, 3, 1, 3, 3, 3, 3, 3, 3,~
## $ annual_avg_emplvl                  <dbl> 11502, 100, 100, 56, 3, 41, 56, 56~
## $ total_annual_wages                 <dbl> 319140026, 3319367, 3319367, 15838~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 534, 637, 637, 546, 557, 765, 546,~
## $ avg_annual_pay                     <dbl> 27747, 33111, 33111, 28368, 28982,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 1.95, 1.95, 2.26, 8.04, 1.56~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.34, 0.35, 0.59, 1.10, 0.28~
## $ lq_total_annual_wages              <dbl> 1.00, 0.30, 0.31, 0.48, 0.67, 0.28~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.88, 0.88, 0.81, 0.61, 1.00~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.88, 0.88, 0.81, 0.61, 1.00~
## $ oty_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 20, -1, -1, -1, 0, 0, -1, -1, -1, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.1, -12.5, -12.5, -25.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg          <dbl> 692, 2, 2, 0, 0, 2, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 6.4, 2.0, 2.0, 0.0, 0.0, 5.1, 0.0,~
## $ oty_total_annual_wages_chg         <dbl> 34959601, 95001, 95001, -25148, 21~
## $ oty_total_annual_wages_pct_chg     <dbl> 12.3, 2.9, 2.9, -1.6, 2.6, 7.7, -1~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 28, 6, 6, -10, 80, 13, -10, -10, -~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 5.5, 1.0, 1.0, -1.8, 16.8, 1.7, -1~
## $ oty_avg_annual_pay_chg             <dbl> 1457, 293, 293, -537, 4174, 725, -~
## $ oty_avg_annual_pay_pct_chg         <dbl> 5.5, 0.9, 0.9, -1.9, 16.8, 1.9, -1~
## Fips loop: 0.545 sec elapsed
## [1] "'Middle' loop with FIPS = 51095"

## Rows: 200 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 200
## Columns: 43
## $ area_fips                          <dbl> 51095, 51095, 51095, 51095, 51095,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "James City County, Virginia", "Ja~
```

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```
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 899, 4, 4, 1, 2, 1, 1, 1, 1, 1, 1,~
## $ annual_avg_emplvl                  <dbl> 18212, 27, 27, 8, 16, 3, 8, 8, 8, ~
## $ total_annual_wages                 <dbl> 379730863, 733434, 733434, 256999,~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 401, 532, 532, 618, 519, 352, 618,~
## $ avg_annual_pay                     <dbl> 20851, 27677, 27677, 32125, 27009,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 0.63, 0.63, 0.42, 15.74, 0.2~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.06, 0.06, 0.05, 1.71, 0.01~
## $ lq_total_annual_wages              <dbl> 1.00, 0.06, 0.06, 0.07, 3.09, 0.01~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.97, 0.97, 1.22, 1.83, 0.61~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.98, 0.98, 1.22, 1.83, 0.61~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 40, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.7, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg          <dbl> 1213, -1, -1, 0, -1, 1, 0, 0, 0, 0~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 7.1, -3.6, -3.6, 0.0, -5.9, 50.0, ~
## $ oty_total_annual_wages_chg         <dbl> 24195279, 3949, 3949, -5311, 6842,~
## $ oty_total_annual_wages_pct_chg     <dbl> 6.8, 0.5, 0.5, -2.0, 1.6, 5.2, -2.~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> -1, 22, 22, -13, 52, -60, -13, -13~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> -0.2, 4.3, 4.3, -2.1, 11.1, -14.6,~
## $ oty_avg_annual_pay_chg             <dbl> -64, 1150, 1150, -664, 2732, -3106~
## $ oty_avg_annual_pay_pct_chg         <dbl> -0.3, 4.3, 4.3, -2.0, 11.3, -14.5,~
## Fips loop: 0.757 sec elapsed
## [1] "'Middle' loop with FIPS = 51097"

## Rows: 29 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 29
## Columns: 43
## $ area_fips                          <dbl> 51097, 51097, 51097, 51097, 51097,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 5~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "King and Queen County, Virginia",~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 101, 5, 5, 4, 1, 4, 4, 4, 4, 4, 1,~
## $ annual_avg_emplvl                 <dbl> 790, 20, 20, 17, 3, 17, 17, 17, 17~
## $ total_annual_wages                <dbl> 13638481, 500755, 500755, 407943, ~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 332, 478, 478, 457, 595, 457, 457,~
## $ avg_annual_pay                    <dbl> 17260, 24831, 24831, 23764, 30937,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 6.96, 6.99, 15.10, 2.60, 15.~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.99, 1.02, 2.60, 0.30, 2.82~
## $ lq_total_annual_wages             <dbl> 1.00, 1.05, 1.08, 2.87, 0.37, 3.04~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.06, 1.06, 1.09, 1.25, 1.07~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.06, 1.06, 1.09, 1.25, 1.07~
## $ oty_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.1, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> -17, -1, -1, -1, 0, -1, -1, -1, -1~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> -2.1, -4.8, -4.8, -5.6, 0.0, -5.6,~
## $ oty_total_annual_wages_chg        <dbl> 715244, 3934, 3934, -2343, 6277, -~
## $ oty_total_annual_wages_pct_chg    <dbl> 5.5, 0.8, 0.8, -0.6, 7.3, -0.6, -0~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 24, 21, 21, 17, 40, 17, 17, 17, 17~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 7.8, 4.6, 4.6, 3.9, 7.2, 3.9, 3.9,~
## $ oty_avg_annual_pay_chg            <dbl> 1248, 1079, 1079, 864, 2092, 864, ~
## $ oty_avg_annual_pay_pct_chg        <dbl> 7.8, 4.5, 4.5, 3.8, 7.3, 3.8, 3.8,~
## Fips loop: 0.275 sec elapsed
## [1] "'Middle' loop with FIPS = 51099"

## Rows: 91 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 91
## Columns: 43
## $ area_fips                         <dbl> 51099, 51099, 51099, 51099, 51099,~
```

```
## $ own_code                               <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                          <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                            <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                   <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                    <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                             <chr> "King George County, Virginia", "K~
## $ own_title                              <chr> "Total Covered", "Federal Governme~
## $ industry_title                         <chr> "Total, all industries", "Total, a~
## $ agglvl_title                           <chr> "County, Total Covered", "County, ~
## $ size_title                             <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count                <dbl> 341, 8, 8, 4, 1, 3, 4, 4, 4, 4, 4,~
## $ annual_avg_emplvl                      <dbl> 7543, 3071, 3071, 35, 52, 2984, 35~
## $ total_annual_wages                     <dbl> 232820697, 107327624, 107327624, 9~
## $ taxable_annual_wages                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                   <dbl> 594, 672, 672, 502, 143, 683, 502,~
## $ avg_annual_pay                         <dbl> 30864, 34944, 34944, 26126, 7447, ~
## $ lq_disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count             <dbl> 1.00, 3.30, 3.31, 4.47, 20.74, 2.3~
## $ lq_annual_avg_emplvl                   <dbl> 1.00, 15.91, 16.34, 0.56, 13.41, 3~
## $ lq_total_annual_wages                  <dbl> 1.00, 13.23, 13.60, 0.38, 4.57, 24~
## $ lq_taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage                <dbl> 1.00, 0.83, 0.83, 0.67, 0.34, 0.80~
## $ lq_avg_annual_pay                      <dbl> 1.00, 0.83, 0.83, 0.67, 0.34, 0.80~
## $ oty_disclosure_code                    <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg        <dbl> 19, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg    <dbl> 5.9, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg              <dbl> 493, 15, 15, 1, 4, 9, 1, 1, 1, 1, ~
## $ oty_annual_avg_emplvl_pct_chg          <dbl> 7.0, 0.5, 0.5, 2.9, 8.3, 0.3, 2.9,~
## $ oty_total_annual_wages_chg             <dbl> 13812848, -4466627, -4466627, 2119~
## $ oty_total_annual_wages_pct_chg         <dbl> 6.3, -4.0, -4.0, 2.3, 3.7, -4.1, 2~
## $ oty_taxable_annual_wages_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg           <dbl> -3, -31, -31, -16, -6, -31, -16, -~
## $ oty_annual_avg_wkly_wage_pct_chg       <dbl> -0.5, -4.4, -4.4, -3.1, -4.0, -4.3~
## $ oty_avg_annual_pay_chg                 <dbl> -200, -1633, -1633, -795, -319, -1~
## $ oty_avg_annual_pay_pct_chg             <dbl> -0.6, -4.5, -4.5, -3.0, -4.1, -4.4~
## Fips loop: 0.452 sec elapsed
## [1] "'Middle' loop with FIPS = 51101"

## Rows: 65 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 65
## Columns: 43
## $ area_fips                        <dbl> 51101, 51101, 51101, 51101, 51101,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 2~
## $ industry_code                    <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "King William County, Virginia", "~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 278, 2, 2, 2, 2, 2, 2, 2, 2, 10, 1~
## $ annual_avg_emplvl                <dbl> 3927, 22, 22, 22, 22, 22, 22, 22, ~
## $ total_annual_wages               <dbl> 114979435, 593451, 593451, 593451,~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 563, 523, 523, 523, 523, 523, 523,~
## $ avg_annual_pay                   <dbl> 29278, 27181, 27181, 27181, 27181,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 1.01, 1.02, 2.74, 2.81, 2.87~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.22, 0.22, 0.68, 0.73, 0.76~
## $ lq_total_annual_wages            <dbl> 1.00, 0.15, 0.15, 0.50, 0.53, 0.56~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.68, 0.68, 0.74, 0.72, 0.73~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.68, 0.68, 0.74, 0.72, 0.73~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 9, -1, -1, -1, -1, -1, -1, -1, -1,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.3, -33.3, -33.3, -33.3, -33.3, -~
## $ oty_annual_avg_emplvl_chg        <dbl> 193, 2, 2, 2, 2, 2, 2, 2, 2, -4, -~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 5.2, 10.0, 10.0, 10.0, 10.0, 10.0,~
## $ oty_total_annual_wages_chg       <dbl> 14930408, 18240, 18240, 18240, 182~
## $ oty_total_annual_wages_pct_chg   <dbl> 14.9, 3.2, 3.2, 3.2, 3.2, 3.2, 3.2~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 48, -37, -37, -37, -37, -37, -37, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 9.3, -6.6, -6.6, -6.6, -6.6, -6.6,~
## $ oty_avg_annual_pay_chg           <dbl> 2485, -1944, -1944, -1944, -1944, ~
## $ oty_avg_annual_pay_pct_chg       <dbl> 9.3, -6.7, -6.7, -6.7, -6.7, -6.7,~
## Fips loop: 0.392 sec elapsed
## [1] "'Middle' loop with FIPS = 51103"

## Rows: 101 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

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```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 101
## Columns: 43
## $ area_fips                         <dbl> 51103, 51103, 51103, 51103, 51103,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Lancaster County, Virginia", "Lan~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 477, 5, 5, 4, 1, 4, 4, 4, 4, 4, 1,~
## $ annual_avg_emplvl                 <dbl> 4173, 42, 42, 40, 2, 40, 40, 40, 4~
## $ total_annual_wages                <dbl> 77328627, 1057606, 1057606, 100301~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 356, 479, 479, 477, 525, 477, 477,~
## $ avg_annual_pay                    <dbl> 18532, 24934, 24934, 24817, 27298,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 1.47, 1.48, 3.20, 0.55, 3.28~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.39, 0.40, 1.16, 0.04, 1.26~
## $ lq_total_annual_wages             <dbl> 1.00, 0.39, 0.40, 1.25, 0.04, 1.32~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 0.99, 0.99, 1.06, 1.03, 1.04~
## $ lq_avg_annual_pay                 <dbl> 1.00, 0.99, 0.99, 1.06, 1.02, 1.04~
## $ oty_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> -12, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -2.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg         <dbl> -20, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> -0.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_total_annual_wages_chg        <dbl> 2571324, -14336, -14336, -16862, 2~
## $ oty_total_annual_wages_pct_chg    <dbl> 3.4, -1.3, -1.3, -1.7, 4.9, -1.7, ~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 13, -14, -14, -15, 24, -15, -15, -~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.8, -2.8, -2.8, -3.0, 4.8, -3.0, ~
## $ oty_avg_annual_pay_chg            <dbl> 705, -690, -690, -787, 1263, -787,~
## $ oty_avg_annual_pay_pct_chg        <dbl> 4.0, -2.7, -2.7, -3.1, 4.9, -3.1, ~
## Fips loop: 0.425 sec elapsed
## [1] "'Middle' loop with FIPS = 51115"
```

```
## Rows: 45 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 45
## Columns: 43
## $ area_fips                      <dbl> 51115, 51115, 51115, 51115, 51115,~
## $ own_code                       <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 5, 5, 5~
## $ industry_code                  <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                    <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Mathews County, Virginia", "Mathe~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 206, 3, 3, 3, 3, 3, 3, 3, 3, 194, ~
## $ annual_avg_emplvl              <dbl> 1462, 31, 31, 31, 31, 31, 31, 31, ~
## $ total_annual_wages             <dbl> 21650032, 685770, 685770, 685770, ~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 285, 422, 422, 422, 422, 422, 422,~
## $ avg_annual_pay                 <dbl> 14807, 21945, 21945, 21945, 21945,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 2.05, 2.06, 5.55, 5.69, 5.80~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 0.83, 0.85, 2.56, 2.78, 2.89~
## $ lq_total_annual_wages          <dbl> 1.00, 0.91, 0.93, 3.04, 3.22, 3.41~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 1.09, 1.09, 1.18, 1.15, 1.17~
## $ lq_avg_annual_pay              <dbl> 1.00, 1.09, 1.09, 1.18, 1.15, 1.17~
## $ oty_disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 4, 0, 0, 0, 0, 0, 0, 0, 0, 4, 2, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg      <dbl> 44, 1, 1, 1, 1, 1, 1, 1, 1, 45, 22~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> 3.1, 3.3, 3.3, 3.3, 3.3, 3.3, 3.3,~
## $ oty_total_annual_wages_chg     <dbl> 758610, 4907, 4907, 4907, 4907, 49~
## $ oty_total_annual_wages_pct_chg <dbl> 3.6, 0.7, 0.7, 0.7, 0.7, 0.7, 0.7,~
## $ oty_taxable_annual_wages_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg   <dbl> 2, -10, -10, -10, -10, -10, -10, -~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 0.7, -2.3, -2.3, -2.3, -2.3, -2.3,~
```

```
## $ oty_avg_annual_pay_chg                  <dbl> 69, -501, -501, -501, -501, -501, ~
## $ oty_avg_annual_pay_pct_chg              <dbl> 0.5, -2.2, -2.2, -2.2, -2.2, -2.2,~
## Fips loop: 0.334 sec elapsed
## [1] "'Middle' loop with FIPS = 51119"

## Rows: 71 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 71
## Columns: 43
## $ area_fips                        <dbl> 51119, 51119, 51119, 51119, 51119,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 2~
## $ industry_code                    <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Middlesex County, Virginia", "Mid~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 318, 5, 5, 4, 4, 4, 4, 4, 4, 8, 6,~
## $ annual_avg_emplvl                <dbl> 2602, 25, 25, 24, 24, 24, 24, 24, ~
## $ total_annual_wages               <dbl> 42760745, 573868, 573868, 553227, ~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 316, 443, 443, 445, 445, 445, 445,~
## $ avg_annual_pay                   <dbl> 16432, 23031, 23031, 23131, 23131,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 2.21, 2.22, 4.80, 4.92, 5.01~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.38, 0.39, 1.12, 1.21, 1.26~
## $ lq_total_annual_wages            <dbl> 1.00, 0.39, 0.40, 1.24, 1.32, 1.39~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.03, 1.03, 1.12, 1.09, 1.11~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.03, 1.03, 1.12, 1.09, 1.11~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 11, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.6, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 181, -2, -2, -1, -1, -1, -1, -1, -~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 7.5, -7.4, -7.4, -4.0, -4.0, -4.0,~
## $ oty_total_annual_wages_chg       <dbl> 2488698, -41270, -41270, -13162, -~
## $ oty_total_annual_wages_pct_chg   <dbl> 6.2, -6.7, -6.7, -2.3, -2.3, -2.3,~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

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## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> -4, 1, 1, 5, 5, 5, 5, 5, 5, 31, 69~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> -1.2, 0.2, 0.2, 1.1, 1.1, 1.1, 1.1~
## $ oty_avg_annual_pay_chg                <dbl> -204, 35, 35, 247, 247, 247, 247, ~
## $ oty_avg_annual_pay_pct_chg            <dbl> -1.2, 0.2, 0.2, 1.1, 1.1, 1.1, 1.1~
## Fips loop: 0.379 sec elapsed
## [1] "'Middle' loop with FIPS = 51127"

## Rows: 65 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 65
## Columns: 43
## $ area_fips                             <dbl> 51127, 51127, 51127, 51127, 51127,~
## $ own_code                              <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                         <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                           <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                  <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                   <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                            <chr> "New Kent County, Virginia", "New ~
## $ own_title                             <chr> "Total Covered", "Federal Governme~
## $ industry_title                        <chr> "Total, all industries", "Total, a~
## $ agglvl_title                          <chr> "County, Total Covered", "County, ~
## $ size_title                            <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count               <dbl> 248, 4, 4, 3, 1, 3, 3, 3, 3, 3, 1,~
## $ annual_avg_emplvl                     <dbl> 2088, 35, 35, 30, 5, 30, 30, 30, 3~
## $ total_annual_wages                    <dbl> 42239418, 955552, 955552, 826699, ~
## $ taxable_annual_wages                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                  <dbl> 389, 528, 528, 528, 522, 528, 528,~
## $ avg_annual_pay                        <dbl> 20227, 27432, 27432, 27480, 27127,~
## $ lq_disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count            <dbl> 1.00, 2.27, 2.28, 4.61, 1.06, 4.73~
## $ lq_annual_avg_emplvl                  <dbl> 1.00, 0.65, 0.67, 1.74, 0.19, 1.88~
## $ lq_total_annual_wages                 <dbl> 1.00, 0.65, 0.67, 1.88, 0.16, 1.99~
## $ lq_taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage               <dbl> 1.00, 1.00, 1.00, 1.08, 0.93, 1.05~
## $ lq_avg_annual_pay                     <dbl> 1.00, 1.00, 1.00, 1.08, 0.93, 1.05~
## $ oty_disclosure_code                   <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg       <dbl> 19, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg   <dbl> 8.3, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg             <dbl> 229, 0, 0, -1, 0, -1, -1, -1, -1, ~
## $ oty_annual_avg_emplvl_pct_chg         <dbl> 12.3, 0.0, 0.0, -3.2, 0.0, -3.2, -~
```

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## $ oty_total_annual_wages_chg           <dbl> 6531574, 40600, 40600, 27144, 1345~
## $ oty_total_annual_wages_pct_chg       <dbl> 18.3, 4.4, 4.4, 3.4, 11.7, 3.4, 3.~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 20, 30, 30, 24, 63, 24, 24, 24, 24~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 5.4, 6.0, 6.0, 4.8, 13.7, 4.8, 4.8~
## $ oty_avg_annual_pay_chg               <dbl> 1020, 1537, 1537, 1265, 3252, 1265~
## $ oty_avg_annual_pay_pct_chg           <dbl> 5.3, 5.9, 5.9, 4.8, 13.6, 4.8, 4.8~
## Fips loop: 0.378 sec elapsed
## [1] "'Middle' loop with FIPS = 51131"

## Rows: 88 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 88
## Columns: 43
## $ area_fips                  <dbl> 51131, 51131, 51131, 51131, 51131,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Northampton County, Virginia", "N~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count    <dbl> 340, 5, 5, 4, 1, 4, 4, 4, 4, 4, 1,~
## $ annual_avg_emplvl          <dbl> 4646, 49, 49, 42, 7, 42, 42, 42, 4~
## $ total_annual_wages         <dbl> 74912275, 1304381, 1304381, 108035~
## $ taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage       <dbl> 310, 515, 515, 501, 594, 501, 501,~
## $ avg_annual_pay             <dbl> 16125, 26757, 26757, 26033, 30900,~
## $ lq_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 2.07, 2.08, 4.48, 0.77, 4.60~
## $ lq_annual_avg_emplvl       <dbl> 1.00, 0.41, 0.42, 1.09, 0.12, 1.19~
## $ lq_total_annual_wages      <dbl> 1.00, 0.50, 0.51, 1.39, 0.16, 1.47~
## $ lq_taxable_annual_wages    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage    <dbl> 1.00, 1.22, 1.22, 1.28, 1.33, 1.25~
## $ lq_avg_annual_pay          <dbl> 1.00, 1.22, 1.22, 1.28, 1.33, 1.25~
## $ oty_disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg      <dbl> 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 0.9, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> 131, 1, 1, 2, -1, 2, 2, 2, 2, 2, -~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 2.9, 2.1, 2.1, 5.0, -12.5, 5.0, 5.~
## $ oty_total_annual_wages_chg           <dbl> 2135844, 19223, 19223, 13394, 5829~
## $ oty_total_annual_wages_pct_chg       <dbl> 2.9, 1.5, 1.5, 1.3, 2.7, 1.3, 1.3,~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 0, -4, -4, -18, 75, -18, -18, -18,~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 0.0, -0.8, -0.8, -3.5, 14.5, -3.5,~
## $ oty_avg_annual_pay_chg               <dbl> 5, -252, -252, -979, 3906, -979, -~
## $ oty_avg_annual_pay_pct_chg           <dbl> 0.0, -0.9, -0.9, -3.6, 14.5, -3.6,~
## Fips loop: 0.441 sec elapsed
## [1] "'Middle' loop with FIPS = 51133"

## Rows: 81 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 81
## Columns: 43
## $ area_fips                  <dbl> 51133, 51133, 51133, 51133, 51133,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Northumberland County, Virginia",~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count    <dbl> 341, 5, 5, 3, 1, 3, 3, 3, 3, 3, 1,~
## $ annual_avg_emplvl          <dbl> 2350, 33, 33, 29, 1, 29, 29, 29, 2~
## $ total_annual_wages         <dbl> 44631582, 847931, 847931, 751038, ~
## $ taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage       <dbl> 365, 502, 502, 507, 466, 507, 507,~
## $ avg_annual_pay             <dbl> 18991, 26090, 26090, 26352, 24250,~
## $ lq_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 2.06, 2.07, 3.35, 17.43, 3.4~
## $ lq_annual_avg_emplvl       <dbl> 1.00, 0.55, 0.56, 1.49, 0.77, 1.62~
## $ lq_total_annual_wages      <dbl> 1.00, 0.55, 0.56, 1.62, 0.75, 1.71~
## $ lq_taxable_annual_wages    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.01, 1.01, 1.10, 0.97, 1.08~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.01, 1.01, 1.10, 0.98, 1.08~
## $ oty_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 5, -2, -2, -1, 0, -1, -1, -1, -1, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.5, -28.6, -28.6, -25.0, 0.0, -25~
## $ oty_annual_avg_emplvl_chg          <dbl> -55, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> -2.3, 3.1, 3.1, 3.6, 0.0, 3.6, 3.6~
## $ oty_total_annual_wages_chg         <dbl> 1657401, 475, 475, 14091, 793, 140~
## $ oty_total_annual_wages_pct_chg     <dbl> 3.9, 0.1, 0.1, 1.9, 3.4, 1.9, 1.9,~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 21, -3, -3, -5, 15, -5, -5, -5, -5~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 6.1, -0.6, -0.6, -1.0, 3.3, -1.0, ~
## $ oty_avg_annual_pay_chg             <dbl> 1124, -188, -188, -285, 793, -285,~
## $ oty_avg_annual_pay_pct_chg         <dbl> 6.3, -0.7, -0.7, -1.1, 3.4, -1.1, ~
## Fips loop: 0.396 sec elapsed
## [1] "'Middle' loop with FIPS = 51149"

## Rows: 106 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 106
## Columns: 43
## $ area_fips                          <dbl> 51149, 51149, 51149, 51149, 51149,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Prince George County, Virginia", ~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 337, 14, 14, 4, 7, 3, 1, 1, 1, 1, ~
## $ annual_avg_emplvl                  <dbl> 9409, 3870, 3870, 473, 378, 3018, ~
## $ total_annual_wages                 <dbl> 229129904, 113479578, 113479578, 6~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 468, 564, 564, 251, 258, 651, 233,~
## $ avg_annual_pay                     <dbl> 24353, 29327, 29327, 13035, 13438,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

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```
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 5.84, 5.87, 4.52, 146.93, 2.~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 16.07, 16.50, 6.08, 78.12, 2~
## $ lq_total_annual_wages            <dbl> 1.00, 14.21, 14.61, 2.59, 60.87, 2~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.89, 0.89, 0.43, 0.78, 0.97~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.88, 0.89, 0.43, 0.78, 0.97~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 21, 0, 0, 0, 1, -1, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 6.6, 0.0, 0.0, 0.0, 16.7, -25.0, 0~
## $ oty_annual_avg_emplvl_chg        <dbl> -128, -337, -337, -69, -4, -265, -~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> -1.3, -8.0, -8.0, -12.7, -1.0, -8.~
## $ oty_total_annual_wages_chg       <dbl> -4889365, -9476047, -9476047, -659~
## $ oty_total_annual_wages_pct_chg   <dbl> -2.1, -7.7, -7.7, -9.7, 1.0, -8.0,~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> -4, 2, 2, 8, 5, 0, 6, 6, 6, 6, 6, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> -0.8, 0.4, 0.4, 3.3, 2.0, 0.0, 2.6~
## $ oty_avg_annual_pay_chg           <dbl> -186, 98, 98, 422, 268, 33, 312, 3~
## $ oty_avg_annual_pay_pct_chg       <dbl> -0.8, 0.3, 0.3, 3.3, 2.0, 0.1, 2.6~
## Fips loop: 0.493 sec elapsed
## [1] "'Middle' loop with FIPS = 51153"

## Rows: 515 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 515
## Columns: 43
## $ area_fips                <dbl> 51153, 51153, 51153, 51153, 51153,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Prince William County, Virginia",~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 4155, 16, 16, 3, 1, 2, 1, 1, 8, 1,~
## $ annual_avg_emplvl        <dbl> 65531, 2932, 2932, 1046, 4, 124, 4~
## $ total_annual_wages       <dbl> 1506731566, 91787948, 91787948, 22~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                 <dbl> 442, 602, 602, 406, 6165, 567, 607~
## $ avg_annual_pay                       <dbl> 22993, 31311, 31311, 21093, 320599~
## $ lq_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count           <dbl> 1.00, 0.54, 0.54, 0.28, 1.43, 7.39~
## $ lq_annual_avg_emplvl                 <dbl> 1.00, 1.75, 1.80, 1.93, 0.11, 0.82~
## $ lq_total_annual_wages                <dbl> 1.00, 1.75, 1.80, 1.41, 1.28, 0.74~
## $ lq_taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 1.00, 1.00, 0.73, 10.65, 0.9~
## $ lq_avg_annual_pay                    <dbl> 1.00, 1.00, 1.00, 0.73, 10.65, 0.9~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 102, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 2.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> 1879, 153, 153, 11, -90, -4, 0, 2,~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 3.0, 5.5, 5.5, 1.1, -95.7, -3.1, 0~
## $ oty_total_annual_wages_chg           <dbl> 77646411, 6750946, 6750946, 460450~
## $ oty_total_annual_wages_pct_chg       <dbl> 5.4, 7.9, 7.9, 2.1, -79.7, 14.3, -~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 10, 13, 13, 5, 4763, 88, -13, -16,~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 2.3, 2.2, 2.2, 1.2, 339.7, 18.4, -~
## $ oty_avg_annual_pay_chg               <dbl> 541, 707, 707, 231, 247715, 4544, ~
## $ oty_avg_annual_pay_pct_chg           <dbl> 2.4, 2.3, 2.3, 1.1, 339.9, 18.2, -~
## Fips loop: 1.56 sec elapsed
## [1] "'Middle' loop with FIPS = 51159"

## Rows: 55 Columns: 43

## -- Column specification ----------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 55
## Columns: 43
## $ area_fips                 <dbl> 51159, 51159, 51159, 51159, 51159,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Richmond County, Virginia", "Rich~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
```

```
## $ annual_avg_estabs_count            <dbl> 226, 6, 6, 3, 2, 3, 3, 3, 3, 3, 2,~
## $ annual_avg_emplvl                  <dbl> 2864, 26, 26, 19, 6, 19, 19, 19, 1~
## $ total_annual_wages                 <dbl> 57338976, 717742, 717742, 503667, ~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 385, 538, 538, 501, 608, 501, 501,~
## $ avg_annual_pay                     <dbl> 20022, 27964, 27964, 26052, 31634,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 3.73, 3.75, 5.06, 2.32, 5.19~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.35, 0.36, 0.80, 0.16, 0.87~
## $ lq_total_annual_wages              <dbl> 1.00, 0.36, 0.37, 0.84, 0.17, 0.89~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.03, 1.03, 1.03, 1.10, 1.01~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.03, 1.03, 1.03, 1.10, 1.01~
## $ oty_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 2, -1, -1, -1, 0, -1, -1, -1, -1, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.9, -14.3, -14.3, -25.0, 0.0, -25~
## $ oty_annual_avg_emplvl_chg          <dbl> 47, -1, -1, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 1.7, -3.7, -3.7, 0.0, 0.0, 0.0, 0.~
## $ oty_total_annual_wages_chg         <dbl> 1884053, -61426, -61426, 8943, -85~
## $ oty_total_annual_wages_pct_chg     <dbl> 3.4, -7.9, -7.9, 1.8, -0.5, 1.8, 1~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 6, -17, -17, 0, 39, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 1.6, -3.1, -3.1, 0.0, 6.9, 0.0, 0.~
## $ oty_avg_annual_pay_chg             <dbl> 334, -894, -894, 14, 2054, 14, 14,~
## $ oty_avg_annual_pay_pct_chg         <dbl> 1.7, -3.1, -3.1, 0.1, 6.9, 0.1, 0.~
## Fips loop: 0.353 sec elapsed
## [1] "'Middle' loop with FIPS = 51177"

## Rows: 235 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 235
## Columns: 43
## $ area_fips                          <dbl> 51177, 51177, 51177, 51177, 51177,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Spotsylvania County, Virginia", "~
```

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## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 1264, 4, 4, 3, 1, 3, 3, 3, 3, 3, 1~
## $ annual_avg_emplvl               <dbl> 17536, 45, 45, 42, 3, 42, 42, 42, ~
## $ total_annual_wages              <dbl> 360259585, 1198362, 1198362, 11202~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 395, 507, 507, 510, 474, 510, 510,~
## $ avg_annual_pay                  <dbl> 20544, 26386, 26386, 26515, 24662,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 0.44, 0.45, 0.90, 0.21, 0.93~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.10, 0.10, 0.29, 0.01, 0.31~
## $ lq_total_annual_wages           <dbl> 1.00, 0.10, 0.10, 0.30, 0.01, 0.32~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 0.94, 0.94, 1.03, 0.83, 1.00~
## $ lq_avg_annual_pay               <dbl> 1.00, 0.94, 0.94, 1.03, 0.83, 1.00~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 73, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 6.1, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg       <dbl> 1510, 6, 6, 5, 1, 5, 5, 5, 5, 5, 1~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 9.4, 15.4, 15.4, 13.5, 50.0, 13.5,~
## $ oty_total_annual_wages_chg      <dbl> 39702918, -55488, -55488, -75360, ~
## $ oty_total_annual_wages_pct_chg  <dbl> 12.4, -4.4, -4.4, -6.3, 34.1, -6.3~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 10, -113, -113, -114, -63, -114, -~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.6, -18.2, -18.2, -18.3, -11.7, -~
## $ oty_avg_annual_pay_chg          <dbl> 542, -5833, -5833, -5945, -3286, -~
## $ oty_avg_annual_pay_pct_chg      <dbl> 2.7, -18.1, -18.1, -18.3, -11.8, -~
## Fips loop: 0.814 sec elapsed
## [1] "'Middle' loop with FIPS = 51179"

## Rows: 218 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 218
## Columns: 43
## $ area_fips                       <dbl> 51179, 51179, 51179, 51179, 51179,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Stafford County, Virginia", "Staf~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 1197, 5, 5, 3, 1, 1, 3, 3, 3, 3, 3~
## $ annual_avg_emplvl                 <dbl> 16038, 133, 133, 71, 61, 1, 71, 71~
## $ total_annual_wages                <dbl> 338837689, 3920964, 3920964, 20620~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 406, 569, 569, 555, 587, 390, 555,~
## $ avg_annual_pay                    <dbl> 21128, 29592, 29592, 28874, 30516,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.59, 0.59, 0.96, 5.91, 0.22~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.32, 0.33, 0.54, 7.40, 0.00~
## $ lq_total_annual_wages             <dbl> 1.00, 0.33, 0.34, 0.58, 14.99, 0.0~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.03, 1.03, 1.09, 2.04, 0.67~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.03, 1.03, 1.09, 2.04, 0.67~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, "N", NA, NA, N~
## $ oty_annual_avg_estabs_count_chg   <dbl> 70, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 6.2, 25.0, 25.0, 0.0, 0.0, 0.0, 0.~
## $ oty_annual_avg_emplvl_chg         <dbl> 1805, 9, 9, 5, 3, 0, 5, 5, 5, 5, 5~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 12.7, 7.3, 7.3, 7.6, 5.2, 0.0, 7.6~
## $ oty_total_annual_wages_chg        <dbl> 38902464, 227388, 227388, -2553, 2~
## $ oty_total_annual_wages_pct_chg    <dbl> 13.0, 6.2, 6.2, -0.1, 13.5, 0.0, -~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 1, -5, -5, -51, 49, 0, -51, -51, -~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 0.2, -0.9, -0.9, -8.4, 9.1, 0.0, -~
## $ oty_avg_annual_pay_chg            <dbl> 55, -255, -255, -2647, 2551, 0, -2~
## $ oty_avg_annual_pay_pct_chg        <dbl> 0.3, -0.9, -0.9, -8.4, 9.1, 0.0, -~
## Fips loop: 0.782 sec elapsed
## [1] "'Middle' loop with FIPS = 51181"

## Rows: 34 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 34
## Columns: 43
## $ area_fips                         <dbl> 51181, 51181, 51181, 51181, 51181,~
```

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```
## $ own_code                              <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2~
## $ industry_code                         <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                           <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                  <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                   <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                            <chr> "Surry County, Virginia", "Surry C~
## $ own_title                             <chr> "Total Covered", "Federal Governme~
## $ industry_title                        <chr> "Total, all industries", "Total, a~
## $ agglvl_title                          <chr> "County, Total Covered", "County, ~
## $ size_title                            <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count               <dbl> 114, 5, 5, 4, 1, 4, 4, 4, 4, 4, 1,~
## $ annual_avg_emplvl                     <dbl> 2121, 18, 18, 14, 4, 14, 14, 14, 1~
## $ total_annual_wages                    <dbl> 85977066, 475861, 475861, 362162, ~
## $ taxable_annual_wages                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                  <dbl> 780, 497, 497, 483, 547, 483, 483,~
## $ avg_annual_pay                        <dbl> 40535, 25839, 25839, 25121, 28425,~
## $ lq_disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count            <dbl> 1.00, 6.17, 6.19, 13.38, 2.30, 13.~
## $ lq_annual_avg_emplvl                  <dbl> 1.00, 0.33, 0.34, 0.80, 0.15, 0.87~
## $ lq_total_annual_wages                 <dbl> 1.00, 0.16, 0.16, 0.40, 0.07, 0.43~
## $ lq_taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage               <dbl> 1.00, 0.47, 0.47, 0.49, 0.49, 0.48~
## $ lq_avg_annual_pay                     <dbl> 1.00, 0.47, 0.47, 0.49, 0.49, 0.48~
## $ oty_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg       <dbl> -1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg   <dbl> -0.9, 25.0, 25.0, 33.3, 0.0, 33.3,~
## $ oty_annual_avg_emplvl_chg             <dbl> -60, 0, 0, -1, 1, -1, -1, -1, -1, ~
## $ oty_annual_avg_emplvl_pct_chg         <dbl> -2.8, 0.0, 0.0, -6.7, 33.3, -6.7, ~
## $ oty_total_annual_wages_chg            <dbl> 2349001, -11223, -11223, -21103, 9~
## $ oty_total_annual_wages_pct_chg        <dbl> 2.8, -2.3, -2.3, -5.5, 9.5, -5.5, ~
## $ oty_taxable_annual_wages_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 42, -23, -23, -20, -52, -20, -20, ~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 5.7, -4.4, -4.4, -4.0, -8.7, -4.0,~
## $ oty_avg_annual_pay_chg                <dbl> 2182, -1221, -1221, -1011, -2721, ~
## $ oty_avg_annual_pay_pct_chg            <dbl> 5.7, -4.5, -4.5, -3.9, -8.7, -3.9,~
## Fips loop: 0.298 sec elapsed
## [1] "'Middle' loop with FIPS = 51193"

## Rows: 79 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 79
## Columns: 43
## $ area_fips                         <dbl> 51193, 51193, 51193, 51193, 51193,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Westmoreland County, Virginia", "~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 361, 6, 6, 4, 1, 1, 4, 4, 4, 4, 4,~
## $ annual_avg_emplvl                 <dbl> 3126, 73, 73, 39, 29, 4, 39, 39, 3~
## $ total_annual_wages                <dbl> 50455451, 1827506, 1827506, 104739~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 310, 485, 485, 511, 432, 611, 511,~
## $ avg_annual_pay                    <dbl> 16142, 25207, 25207, 26572, 22457,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 2.34, 2.35, 4.22, 19.59, 0.7~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.91, 0.94, 1.51, 18.04, 0.1~
## $ lq_total_annual_wages             <dbl> 1.00, 1.04, 1.07, 2.00, 35.57, 0.1~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.15, 1.15, 1.31, 1.97, 1.37~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.15, 1.15, 1.31, 1.97, 1.37~
## $ oty_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_emplvl_chg         <dbl> -15, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> -0.5, 1.4, 1.4, 0.0, 0.0, 0.0, 0.0~
## $ oty_total_annual_wages_chg        <dbl> 1585236, 9657, 9657, -14870, 18926~
## $ oty_total_annual_wages_pct_chg    <dbl> 3.2, 0.5, 0.5, -1.4, 3.0, 4.6, -1.~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 11, -2, -2, -8, 4, 27, -8, -8, -8,~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.7, -0.4, -0.4, -1.5, 0.9, 4.6, -~
## $ oty_avg_annual_pay_chg            <dbl> 584, -99, -99, -435, 205, 1401, -4~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.8, -0.4, -0.4, -1.6, 0.9, 4.6, -~
## Fips loop: 0.444 sec elapsed
## [1] "'Middle' loop with FIPS = 51199"

## Rows: 186 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 186
## Columns: 43
## $ area_fips                        <dbl> 51199, 51199, 51199, 51199, 51199,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "York County, Virginia", "York Cou~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 951, 7, 6, 3, 1, 1, 1, 1, 1, 1, 1,~
## $ annual_avg_emplvl                <dbl> 13205, 1197, 214, 83, 1, 82, 48, 2~
## $ total_annual_wages               <dbl> 285586701, 47840478, 6812460, 2492~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 416, 769, 612, 577, 1151, 586, 705~
## $ avg_annual_pay                   <dbl> 21626, 39981, 31834, 30028, 59835,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 1.03, 0.89, 1.20, 6.25, 7.44~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 3.54, 0.65, 0.76, 0.14, 12.0~
## $ lq_total_annual_wages            <dbl> 1.00, 4.81, 0.70, 0.84, 0.29, 24.0~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.36, 1.08, 1.10, 2.11, 1.99~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.36, 1.08, 1.10, 2.11, 1.99~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 47, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.2, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 432, -233, -4, 1, 0, -2, -2, -2, -~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 3.4, -16.3, -1.8, 1.2, 0.0, -2.4, ~
## $ oty_total_annual_wages_chg       <dbl> 8546599, -5029326, 85719, 52289, 3~
## $ oty_total_annual_wages_pct_chg   <dbl> 3.1, -9.5, 1.3, 2.1, 0.6, 0.3, 1.5~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> -1, 58, 17, 5, 8, 19, 36, 22, 22, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> -0.2, 8.2, 2.9, 0.9, 0.7, 3.4, 5.4~
## $ oty_avg_annual_pay_chg           <dbl> -64, 3011, 906, 302, 374, 991, 191~
## $ oty_avg_annual_pay_pct_chg       <dbl> -0.3, 8.1, 2.9, 1.0, 0.6, 3.4, 5.5~
## Fips loop: 0.736 sec elapsed
## [1] "'Middle' loop with FIPS = 51510"
```

```
## Rows: 527 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 527
## Columns: 43
## $ area_fips                      <dbl> 51510, 51510, 51510, 51510, 51510,~
## $ own_code                       <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                  <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                    <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Alexandria City, Virginia", "Alex~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 4836, 35, 35, 2, 1, 1, 7, 24, 2, 2~
## $ annual_avg_emplvl              <dbl> 81983, 6254, 6254, 748, 5, 4, 372,~
## $ total_annual_wages             <dbl> 2812303303, 310851599, 310851599, ~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 660, 956, 956, 729, 684, 874, 327,~
## $ avg_annual_pay                 <dbl> 34304, 49706, 49706, 37909, 35569,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 1.02, 1.02, 0.16, 0.84, 1.23~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 2.98, 3.06, 1.10, 0.26, 0.09~
## $ lq_total_annual_wages          <dbl> 1.00, 3.17, 3.26, 0.97, 0.16, 0.09~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 1.06, 1.06, 0.88, 0.60, 1.01~
## $ lq_avg_annual_pay              <dbl> 1.00, 1.06, 1.07, 0.88, 0.60, 1.01~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> -2, -3, -3, 0, -1, 0, 0, -3, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.0, -7.9, -7.9, 0.0, -50.0, 0.0, ~
## $ oty_annual_avg_emplvl_chg      <dbl> 1213, -302, -302, 51, 3, 0, -86, -~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> 1.5, -4.6, -4.6, 7.3, 150.0, 0.0, ~
## $ oty_total_annual_wages_chg     <dbl> 119015172, -11279061, -11279061, -~
## $ oty_total_annual_wages_pct_chg <dbl> 4.4, -3.5, -3.5, -1.8, 223.5, 8.2,~
## $ oty_taxable_annual_wages_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg   <dbl> 19, 11, 11, -67, 138, 82, 20, 16, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.0, 1.2, 1.2, -8.4, 25.3, 10.4, 6~
```

```
## $ oty_avg_annual_pay_chg              <dbl> 959, 573, 573, -3481, 7166, 4308, ~
## $ oty_avg_annual_pay_pct_chg          <dbl> 2.9, 1.2, 1.2, -8.4, 25.2, 10.5, 6~
## Fips loop: 1.593 sec elapsed
## [1] "'Middle' loop with FIPS = 51550"

## Rows: 499 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 499
## Columns: 43
## $ area_fips                           <dbl> 51550, 51550, 51550, 51550, 51550,~
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                       <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                          <chr> "Chesapeake City, Virginia", "Ches~
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 3620, 10, 10, 3, 1, 6, 1, 1, 1, 1,~
## $ annual_avg_emplvl                   <dbl> 64701, 687, 687, 391, 19, 277, 141~
## $ total_annual_wages                  <dbl> 1393014348, 21606748, 21606748, 11~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 414, 605, 605, 567, 694, 652, 316,~
## $ avg_annual_pay                      <dbl> 21530, 31443, 31443, 29463, 36108,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 0.39, 0.39, 0.32, 1.64, 0.43~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 0.41, 0.43, 0.73, 0.53, 0.33~
## $ lq_total_annual_wages               <dbl> 1.00, 0.45, 0.46, 0.79, 0.68, 0.36~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 1.07, 1.07, 1.09, 1.28, 1.09~
## $ lq_avg_annual_pay                   <dbl> 1.00, 1.07, 1.07, 1.09, 1.28, 1.10~
## $ oty_disclosure_code                 <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 154, 0, 0, -1, 0, 1, -1, -1, -1, -~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.4, 0.0, 0.0, -25.0, 0.0, 20.0, -~
## $ oty_annual_avg_emplvl_chg           <dbl> 4514, 11, 11, 16, -2, -3, 4, 4, 4,~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 7.5, 1.6, 1.6, 4.3, -9.5, -1.1, 2.~
## $ oty_total_annual_wages_chg          <dbl> 128331358, 39088, 39088, 78991, 17~
## $ oty_total_annual_wages_pct_chg      <dbl> 10.1, 0.2, 0.2, 0.7, 2.6, -0.6, -4~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 10, -9, -9, -19, 86, 1, -26, -26, ~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 2.5, -1.5, -1.5, -3.2, 14.1, 0.2, ~
## $ oty_avg_annual_pay_chg               <dbl> 518, -462, -462, -1013, 4503, 69, ~
## $ oty_avg_annual_pay_pct_chg           <dbl> 2.5, -1.4, -1.4, -3.3, 14.2, 0.2, ~
## Fips loop: 1.516 sec elapsed
## [1] "'Middle' loop with FIPS = 51650"

## Rows: 405 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 405
## Columns: 43
## $ area_fips                    <dbl> 51650, 51650, 51650, 51650, 51650,~
## $ own_code                     <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                  <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                         <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                          <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                   <chr> "Hampton City, Virginia", "Hampton~
## $ own_title                    <chr> "Total Covered", "Federal Governme~
## $ industry_title               <chr> "Total, all industries", "Total, a~
## $ agglvl_title                 <chr> "County, Total Covered", "County, ~
## $ size_title                   <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count      <dbl> 2410, 27, 27, 4, 4, 2, 9, 8, 2, 1,~
## $ annual_avg_emplvl            <dbl> 58183, 11201, 11201, 765, 463, 123~
## $ total_annual_wages           <dbl> 1419334928, 405856125, 405856125, ~
## $ taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage         <dbl> 469, 697, 697, 400, 191, 925, 264,~
## $ avg_annual_pay               <dbl> 24394, 36235, 36235, 20796, 9913, ~
## $ lq_disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count   <dbl> 1.00, 1.58, 1.58, 0.63, 9.86, 12.7~
## $ lq_annual_avg_emplvl         <dbl> 1.00, 7.52, 7.72, 1.59, 14.44, 9.1~
## $ lq_total_annual_wages        <dbl> 1.00, 8.21, 8.43, 1.08, 4.48, 12.7~
## $ lq_taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage      <dbl> 1.00, 1.09, 1.09, 0.68, 0.31, 1.39~
## $ lq_avg_annual_pay            <dbl> 1.00, 1.09, 1.09, 0.68, 0.31, 1.39~
## $ oty_disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> -13, -1, -1, 0, 0, 0, 0, -1, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -0.5, -3.6, -3.6, 0.0, 0.0, 0.0, 0~
## $ oty_annual_avg_emplvl_chg           <dbl> 331, -612, -612, -56, -33, -26, -1~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 0.6, -5.2, -5.2, -6.8, -6.7, -2.1,~
```

```
## $ oty_total_annual_wages_chg           <dbl> 52704051, -12913556, -12913556, -6~
## $ oty_total_annual_wages_pct_chg       <dbl> 3.9, -3.1, -3.1, -3.7, -2.4, 4.4, ~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 15, 15, 15, 13, 9, 58, 2, 9, 0, -1~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 3.3, 2.2, 2.2, 3.4, 4.9, 6.7, 0.8,~
## $ oty_avg_annual_pay_chg               <dbl> 771, 786, 786, 670, 424, 2978, 94,~
## $ oty_avg_annual_pay_pct_chg           <dbl> 3.3, 2.2, 2.2, 3.3, 4.5, 6.6, 0.7,~
## Fips loop: 1.255 sec elapsed
## [1] "'Middle' loop with FIPS = 51670"

## Rows: 87 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 87
## Columns: 43
## $ area_fips                   <dbl> 51670, 51670, 51670, 51670, 51670,~
## $ own_code                    <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 2~
## $ industry_code               <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                 <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                        <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                         <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                  <chr> "Hopewell City, Virginia", "Hopewe~
## $ own_title                   <chr> "Total Covered", "Federal Governme~
## $ industry_title              <chr> "Total, all industries", "Total, a~
## $ agglvl_title                <chr> "County, Total Covered", "County, ~
## $ size_title                  <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count     <dbl> 498, 3, 3, 2, 2, 2, 2, 2, 2, 12, 5~
## $ annual_avg_emplvl           <dbl> 10033, 42, 42, 38, 38, 38, 38, 38,~
## $ total_annual_wages          <dbl> 303609676, 1667725, 1667725, 15378~
## $ taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage        <dbl> 582, 756, 756, 770, 770, 770, 770,~
## $ avg_annual_pay              <dbl> 30262, 39318, 39318, 40031, 40031,~
## $ lq_disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count  <dbl> 1.00, 0.85, 0.85, 1.53, 1.57, 1.60~
## $ lq_annual_avg_emplvl        <dbl> 1.00, 0.16, 0.17, 0.46, 0.50, 0.52~
## $ lq_total_annual_wages       <dbl> 1.00, 0.16, 0.16, 0.49, 0.52, 0.55~
## $ lq_taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage     <dbl> 1.00, 0.95, 0.95, 1.05, 1.03, 1.05~
## $ lq_avg_annual_pay           <dbl> 1.00, 0.95, 0.96, 1.05, 1.03, 1.05~
## $ oty_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg      <dbl> 3, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 0.6, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> -151, 0, 0, 0, 0, 0, 0, 0, 0, -5, ~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> -1.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_total_annual_wages_chg           <dbl> -434302, 68808, 68808, 60926, 6092~
## $ oty_total_annual_wages_pct_chg       <dbl> -0.1, 4.3, 4.3, 4.1, 4.1, 4.1, 4.1~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 8, 17, 17, 14, 14, 14, 14, 14, 14,~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 1.4, 2.3, 2.3, 1.9, 1.9, 1.9, 1.9,~
## $ oty_avg_annual_pay_chg               <dbl> 406, 867, 867, 733, 733, 733, 733,~
## $ oty_avg_annual_pay_pct_chg           <dbl> 1.4, 2.3, 2.3, 1.9, 1.9, 1.9, 1.9,~
## Fips loop: 0.423 sec elapsed
## [1] "'Middle' loop with FIPS = 51700"

## Rows: 457 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 457
## Columns: 43
## $ area_fips                <dbl> 51700, 51700, 51700, 51700, 51700,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Newport News City, Virginia", "Ne~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 3509, 21, 20, 4, 2, 1, 5, 8, 1, 1,~
## $ annual_avg_emplvl        <dbl> 85007, 3034, 2664, 1845, 18, 338, ~
## $ total_annual_wages       <dbl> 2192609322, 78819989, 60542341, 37~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage     <dbl> 496, 500, 437, 393, 974, 757, 239,~
## $ avg_annual_pay           <dbl> 25793, 25977, 22726, 20442, 50622,~
## $ lq_disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 0.84, 0.80, 0.43, 3.39, 4.37~
## $ lq_annual_avg_emplvl     <dbl> 1.00, 1.39, 1.26, 2.62, 0.38, 1.72~
## $ lq_total_annual_wages    <dbl> 1.00, 1.03, 0.81, 1.65, 0.56, 1.85~
## $ lq_taxable_annual_wages  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 0.74, 0.65, 0.63, 1.50, 1.08~
## $ lq_avg_annual_pay                    <dbl> 1.00, 0.74, 0.65, 0.63, 1.50, 1.08~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> -7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> -0.2, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg            <dbl> 956, -111, -84, -63, 0, -8, -14, 2~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 1.1, -3.5, -3.1, -3.3, 0.0, -2.3, ~
## $ oty_total_annual_wages_chg           <dbl> 66776065, -2193515, -455444, -6340~
## $ oty_total_annual_wages_pct_chg       <dbl> 3.1, -2.7, -0.7, -1.7, 2.6, -0.4, ~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 10, 5, 10, 7, 52, 15, 6, 35, -1, -~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 2.1, 1.0, 2.3, 1.8, 5.6, 2.0, 2.6,~
## $ oty_avg_annual_pay_chg               <dbl> 501, 216, 532, 348, 2660, 779, 326~
## $ oty_avg_annual_pay_pct_chg           <dbl> 2.0, 0.8, 2.4, 1.7, 5.5, 2.0, 2.7,~
## Fips loop: 1.402 sec elapsed
## [1] "'Middle' loop with FIPS = 51710"

## Rows: 632 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 632
## Columns: 43
## $ area_fips                  <dbl> 51710, 51710, 51710, 51710, 51710,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Norfolk City, Virginia", "Norfolk~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count    <dbl> 5596, 50, 50, 9, 3, 5, 1, 32, 7, 2~
## $ annual_avg_emplvl          <dbl> 142660, 14696, 14696, 3636, 1317, ~
## $ total_annual_wages         <dbl> 3774102294, 593851185, 593851185, ~
## $ taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage       <dbl> 509, 777, 777, 550, 777, 351, 111,~
## $ avg_annual_pay             <dbl> 26455, 40409, 40409, 28599, 40422,~
## $ lq_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

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## $ lq_annual_avg_estabs_count        <dbl> 1.00, 1.26, 1.26, 0.61, 3.19, 6.32~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 4.02, 4.13, 3.08, 16.75, 6.0~
## $ lq_total_annual_wages             <dbl> 1.00, 4.52, 4.64, 2.65, 19.55, 5.9~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.12, 1.12, 0.86, 1.17, 0.97~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.12, 1.12, 0.86, 1.17, 0.97~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> -83, -4, -4, 0, 0, 0, 0, -4, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -1.5, -7.4, -7.4, 0.0, 0.0, 0.0, 0~
## $ oty_annual_avg_emplvl_chg         <dbl> 1022, -796, -796, -83, -90, 11, 0,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 0.7, -5.1, -5.1, -2.2, -6.4, 2.5, ~
## $ oty_total_annual_wages_chg        <dbl> 155782816, 28177501, 28177501, 322~
## $ oty_total_annual_wages_pct_chg    <dbl> 4.3, 5.0, 5.0, 0.3, -2.8, 1.4, 47.~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 18, 75, 75, 14, 28, -4, 20, 113, 3~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.7, 10.7, 10.7, 2.6, 3.7, -1.1, 2~
## $ oty_avg_annual_pay_chg            <dbl> 909, 3895, 3895, 728, 1492, -194, ~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.6, 10.7, 10.7, 2.6, 3.8, -1.1, 2~
## Fips loop: 1.838 sec elapsed
## [1] "'Middle' loop with FIPS = 51735"

## Rows: 32 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 32
## Columns: 43
## $ area_fips                 <dbl> 51735, 51735, 51735, 51735, 51735,~
## $ own_code                  <dbl> 0, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5~
## $ industry_code             <chr> "10", "10", "101", "1012", "102", ~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 72, 73, 73, 73, 73~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Poquoson City, Virginia", "Poquos~
## $ own_title                 <chr> "Total Covered", "Private", "Priva~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 149, 147, 44, 36, 103, 28, 14, 16,~
## $ annual_avg_emplvl         <dbl> 1419, 939, 218, 172, 722, 262, 62,~
## $ total_annual_wages        <dbl> 23595657, 13703806, 4128707, 33836~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 320, 281, 364, 378, 255, 236, 463,~
## $ avg_annual_pay                     <dbl> 16626, 14588, 18954, 19634, 13270,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 1.02, 1.70, 2.46, 0.87, 0.74~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.79, 0.74, 2.70, 0.81, 0.92~
## $ lq_total_annual_wages              <dbl> 1.00, 0.70, 0.74, 3.08, 0.68, 0.77~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.89, 1.00, 1.14, 0.85, 0.84~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.89, 1.01, 1.14, 0.85, 0.85~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 3, 3, 4, 4, -1, 0, -2, -1, 0, 2, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.1, 2.1, 10.0, 12.5, -1.0, 0.0, -~
## $ oty_annual_avg_emplvl_chg          <dbl> 57, 46, 24, 24, 23, -1, -4, -10, -~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 4.2, 5.2, 12.4, 16.2, 3.3, -0.4, -~
## $ oty_total_annual_wages_chg         <dbl> 613663, 357505, 349827, 344126, 76~
## $ oty_total_annual_wages_pct_chg     <dbl> 2.7, 2.7, 9.3, 11.3, 0.1, -2.6, -8~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> -4, -6, -11, -18, -8, -5, -16, 10,~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> -1.2, -2.1, -2.9, -4.5, -3.0, -2.1~
## $ oty_avg_annual_pay_chg             <dbl> -243, -355, -550, -938, -409, -260~
## $ oty_avg_annual_pay_pct_chg         <dbl> -1.4, -2.4, -2.8, -4.6, -3.0, -2.1~
## Fips loop: 0.3 sec elapsed
## [1] "'Middle' loop with FIPS = 51740"

## Rows: 289 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 289
## Columns: 43
## $ area_fips                          <dbl> 51740, 51740, 51740, 51740, 51740,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "101", "1013", "102", ~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 72, 73, 73, 73, 73~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Portsmouth City, Virginia", "Port~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
```

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```
## $ annual_avg_estabs_count           <dbl> 1683, 13, 2, 2, 11, 3, 1, 1, 2, 4,~
## $ annual_avg_emplvl                 <dbl> 40146, 10418, 7297, 7297, 3121, 29~
## $ total_annual_wages                <dbl> 1024617710, 365866895, 272856277, ~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 491, 675, 719, 719, 573, 523, 945,~
## $ avg_annual_pay                    <dbl> 25522, 35120, 37395, 37395, 29801,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 1.09, 38.50, 167.11, 0.92, 0~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 10.14, 269.58, 305.17, 3.12,~
## $ lq_total_annual_wages             <dbl> 1.00, 10.25, 282.96, 318.92, 2.68,~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.01, 1.05, 1.04, 0.86, 0.85~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.01, 1.05, 1.05, 0.86, 0.85~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.1, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> -295, -1063, -1037, -1037, -26, -1~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> -0.7, -9.3, -12.4, -12.4, -0.8, -3~
## $ oty_total_annual_wages_chg        <dbl> -19283502, -55500630, -56612542, -~
## $ oty_total_annual_wages_pct_chg    <dbl> -1.8, -13.2, -17.2, -17.2, 1.2, 0.~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> -5, -31, -41, -41, 11, 19, 55, 13,~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> -1.0, -4.4, -5.4, -5.4, 2.0, 3.8, ~
## $ oty_avg_annual_pay_chg            <dbl> -291, -1580, -2138, -2138, 603, 99~
## $ oty_avg_annual_pay_pct_chg        <dbl> -1.1, -4.3, -5.4, -5.4, 2.1, 3.8, ~
## Fips loop: 0.994 sec elapsed
## [1] "'Middle' loop with FIPS = 51800"

## Rows: 212 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 212
## Columns: 43
## $ area_fips                         <dbl> 51800, 51800, 51800, 51800, 51800,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Suffolk City, Virginia", "Suffolk~
```

```
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 1108, 11, 11, 2, 1, 8, 2, 2, 2, 2,~
## $ annual_avg_emplvl                <dbl> 17825, 136, 136, 85, 3, 48, 85, 85~
## $ total_annual_wages               <dbl> 385067003, 4893418, 4893418, 31842~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 415, 690, 690, 718, 654, 644, 718,~
## $ avg_annual_pay                    <dbl> 21603, 35893, 35893, 37315, 34012,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 1.40, 1.40, 0.69, 3.67, 1.89~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.30, 0.31, 0.58, 0.71, 0.21~
## $ lq_total_annual_wages            <dbl> 1.00, 0.36, 0.37, 0.79, 0.69, 0.22~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.22, 1.22, 1.37, 0.92, 1.08~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.22, 1.22, 1.37, 0.92, 1.08~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 31, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.9, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 303, -5, -5, 1, -2, -5, 1, 1, 1, 1~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 1.7, -3.5, -3.5, 1.2, -40.0, -9.4,~
## $ oty_total_annual_wages_chg       <dbl> 7008906, -203529, -203529, 116024,~
## $ oty_total_annual_wages_pct_chg   <dbl> 1.9, -4.0, -4.0, 3.8, -17.7, -15.6~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 0, -3, -3, 11, 124, -42, 11, 11, 1~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 0.0, -0.4, -0.4, 1.6, 23.4, -6.1, ~
## $ oty_avg_annual_pay_chg           <dbl> 27, -149, -149, 570, 6448, -2215, ~
## $ oty_avg_annual_pay_pct_chg       <dbl> 0.1, -0.4, -0.4, 1.6, 23.4, -6.2, ~
## Fips loop: 0.742 sec elapsed
## [1] "'Middle' loop with FIPS = 51810"

## Rows: 758 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 758
## Columns: 43
## $ area_fips                        <dbl> 51810, 51810, 51810, 51810, 51810,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

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```
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Virginia Beach City, Virginia", "~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 8867, 24, 24, 7, 2, 3, 12, 4, 4, 4~
## $ annual_avg_emplvl               <dbl> 136562, 3399, 3399, 2105, 63, 394,~
## $ total_annual_wages              <dbl> 2846594730, 118825855, 118825855, ~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 401, 672, 672, 574, 243, 206, 1170~
## $ avg_annual_pay                  <dbl> 20845, 34956, 34956, 29858, 12659,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 0.38, 0.38, 0.30, 1.34, 2.39~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.97, 1.00, 1.86, 0.84, 5.61~
## $ lq_total_annual_wages           <dbl> 1.00, 1.20, 1.23, 2.12, 0.39, 4.08~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.23, 1.23, 1.14, 0.46, 0.73~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.23, 1.23, 1.14, 0.46, 0.73~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 138, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.6, 4.3, 4.3, 0.0, 0.0, 0.0, 9.1,~
## $ oty_annual_avg_emplvl_chg       <dbl> 1992, -61, -61, 31, 6, -61, -37, 2~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 1.5, -1.8, -1.8, 1.5, 10.5, -13.4,~
## $ oty_total_annual_wages_chg      <dbl> 156805353, 10981023, 10981023, 551~
## $ oty_total_annual_wages_pct_chg  <dbl> 5.8, 10.2, 10.2, 9.6, 16.3, -14.5,~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 17, 73, 73, 42, 14, -3, 183, 67, 6~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 4.4, 12.2, 12.2, 7.9, 6.1, -1.4, 1~
## $ oty_avg_annual_pay_chg          <dbl> 857, 3788, 3788, 2210, 744, -150, ~
## $ oty_avg_annual_pay_pct_chg      <dbl> 4.3, 12.2, 12.2, 8.0, 6.2, -1.4, 1~
## Fips loop: 2.234 sec elapsed
## [1] "'Middle' loop with FIPS = 51830"

## Rows: 138 Columns: 43

## -- Column specification -------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 138
## Columns: 43
## $ area_fips                       <dbl> 51830, 51830, 51830, 51830, 51830,~
```

```
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                       <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                          <chr> "Williamsburg City, Virginia", "Wi~
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 741, 3, 3, 2, 1, 0, 2, 2, 2, 2,~
## $ annual_avg_emplvl                   <dbl> 16864, 130, 130, 126, 3, 0, 126, 1~
## $ total_annual_wages                  <dbl> 327907965, 4580224, 4580224, 44951~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 374, 680, 680, 685, 486, 213, 685,~
## $ avg_annual_pay                      <dbl> 19445, 35346, 35346, 35629, 25248,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 0.57, 0.57, 1.03, 5.49, 0.00~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 0.30, 0.31, 0.90, 0.75, 0.00~
## $ lq_total_annual_wages               <dbl> 1.00, 0.40, 0.41, 1.32, 0.63, 0.00~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 1.34, 1.34, 1.46, 0.76, 0.40~
## $ lq_avg_annual_pay                   <dbl> 1.00, 1.34, 1.34, 1.46, 0.76, 0.40~
## $ oty_disclosure_code                 <chr> NA, NA, NA, NA, NA, "N", NA, NA, N~
## $ oty_annual_avg_estabs_count_chg     <dbl> 5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.7, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg           <dbl> 1351, 0, 0, 0, -1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 8.7, 0.0, 0.0, 0.0, -25.0, 0.0, 0.~
## $ oty_total_annual_wages_chg          <dbl> 22680954, 35635, 35635, 57436, -22~
## $ oty_total_annual_wages_pct_chg      <dbl> 7.4, 0.8, 0.8, 1.3, -21.3, 0.0, 1.~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> -4, 9, 9, 8, -7, 0, 8, 8, 8, 8, 8,~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> -1.1, 1.3, 1.3, 1.2, -1.4, 0.0, 1.~
## $ oty_avg_annual_pay_chg              <dbl> -231, 455, 455, 432, -404, 0, 432,~
## $ oty_avg_annual_pay_pct_chg          <dbl> -1.2, 1.3, 1.3, 1.2, -1.6, 0.0, 1.~
## Fips loop: 0.577 sec elapsed
## [1] "'Middle' loop with FIPS = 53009"

## Rows: 297 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 297
## Columns: 43
## $ area_fips                        <dbl> 53009, 53009, 53009, 53009, 53009,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Clallam County, Washington", "Cla~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 2214, 33, 33, 10, 1, 1, 1, 3, 17, ~
## $ annual_avg_emplvl                <dbl> 18846, 490, 490, 140, 3, 3, 21, 22~
## $ total_annual_wages               <dbl> 405729934, 14472320, 14472320, 438~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 414, 568, 568, 604, 545, 938, 455,~
## $ avg_annual_pay                   <dbl> 21529, 29515, 29515, 31390, 28325,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 2.10, 2.10, 1.72, 1.84, 2.68~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 1.02, 1.04, 0.90, 0.67, 0.29~
## $ lq_total_annual_wages            <dbl> 1.00, 1.02, 1.05, 1.04, 0.52, 0.50~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.01, 1.01, 1.16, 0.77, 1.73~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.01, 1.01, 1.16, 0.77, 1.73~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 114, -1, -1, 0, 0, 0, -1, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.4, -2.9, -2.9, 0.0, 0.0, 0.0, -5~
## $ oty_annual_avg_emplvl_chg        <dbl> 595, -12, -12, 4, 0, 2, -2, 5, -21~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 3.3, -2.4, -2.4, 2.9, 0.0, 200.0, ~
## $ oty_total_annual_wages_chg       <dbl> 22450653, -420276, -420276, -23386~
## $ oty_total_annual_wages_pct_chg   <dbl> 5.9, -2.8, -2.8, -0.5, 6.7, 122.1,~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 10, -3, -3, -22, 35, 44, 51, -23, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.5, -0.5, -0.5, -3.5, 6.9, 4.9, 1~
## $ oty_avg_annual_pay_chg           <dbl> 529, -156, -156, -1176, 1790, 2270~
## $ oty_avg_annual_pay_pct_chg       <dbl> 2.5, -0.5, -0.5, -3.6, 6.7, 4.9, 1~
## Fips loop: 0.996 sec elapsed
## [1] "'Middle' loop with FIPS = 53027"

## Rows: 296 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 296
## Columns: 43
## $ area_fips                      <dbl> 53027, 53027, 53027, 53027, 53027,~
## $ own_code                       <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                  <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                    <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Grays Harbor County, Washington",~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 2631, 40, 40, 15, 2, 4, 2, 16, 1, ~
## $ annual_avg_emplvl              <dbl> 22818, 262, 262, 128, 5, 52, 12, 6~
## $ total_annual_wages             <dbl> 526019539, 8402275, 8402275, 39136~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 443, 616, 616, 588, 685, 700, 377,~
## $ avg_annual_pay                 <dbl> 23053, 32049, 32049, 30556, 35595,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 2.14, 2.15, 2.17, 4.52, 23.3~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 0.45, 0.46, 0.68, 0.40, 0.98~
## $ lq_total_annual_wages          <dbl> 1.00, 0.46, 0.47, 0.72, 0.47, 1.09~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 1.02, 1.02, 1.05, 1.18, 1.11~
## $ lq_avg_annual_pay              <dbl> 1.00, 1.02, 1.02, 1.05, 1.18, 1.11~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 168, 0, 0, 0, 0, 0, 0, 0, -1, -1, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 6.8, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg      <dbl> 458, -45, -45, 0, 0, -25, 4, -24, ~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> 2.0, -14.7, -14.7, 0.0, 0.0, -32.5~
## $ oty_total_annual_wages_chg     <dbl> 34513748, -1094766, -1094766, 1618~
## $ oty_total_annual_wages_pct_chg <dbl> 7.0, -11.5, -11.5, 0.4, 34.4, -31.~
## $ oty_taxable_annual_wages_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg   <dbl> 20, 21, 21, 3, 119, 15, -101, 106,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 4.7, 3.5, 3.5, 0.5, 21.0, 2.2, -21~
## $ oty_avg_annual_pay_chg         <dbl> 1071, 1131, 1131, 146, 6172, 755, ~
## $ oty_avg_annual_pay_pct_chg     <dbl> 4.9, 3.7, 3.7, 0.5, 21.0, 2.1, -21~
## Fips loop: 0.986 sec elapsed
## [1] "'Middle' loop with FIPS = 53029"
```

```
## Rows: 254 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 254
## Columns: 43
## $ area_fips                       <dbl> 53029, 53029, 53029, 53029, 53029,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Island County, Washington", "Isla~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 1551, 24, 24, 10, 2, 11, 2, 2, 2, ~
## $ annual_avg_emplvl               <dbl> 13256, 1546, 1546, 473, 253, 732, ~
## $ total_annual_wages              <dbl> 264799486, 44895525, 44895525, 866~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 384, 559, 559, 352, 208, 786, 277,~
## $ avg_annual_pay                  <dbl> 19976, 29048, 29048, 18308, 10831,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 2.18, 2.19, 2.46, 9.12, 1.86~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 4.56, 4.68, 4.32, 37.11, 4.2~
## $ lq_total_annual_wages           <dbl> 1.00, 4.87, 5.00, 3.14, 28.47, 6.1~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.07, 1.07, 0.73, 0.76, 1.42~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.07, 1.07, 0.73, 0.77, 1.42~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 102, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 7, 0, 0, 0, 0, 10, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_emplvl_chg       <dbl> 523, 17, 17, 4, -18, 26, 1, 1, 1, ~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 4.1, 1.1, 1.1, 0.9, -6.6, 3.7, 0.3~
## $ oty_total_annual_wages_chg      <dbl> 14768521, 2780634, 2780634, 337138~
## $ oty_total_annual_wages_pct_chg  <dbl> 5.9, 6.6, 6.6, 4.1, -3.8, 8.1, 7.4~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 6, 29, 29, 11, 5, 32, 19, 19, 19, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 1.6, 5.5, 5.5, 3.2, 2.5, 4.2, 7.4,~
```

```
## $ oty_avg_annual_pay_chg              <dbl> 340, 1504, 1504, 575, 288, 1677, 9~
## $ oty_avg_annual_pay_pct_chg          <dbl> 1.7, 5.5, 5.5, 3.2, 2.7, 4.3, 7.2,~
## Fips loop: 0.846 sec elapsed
## [1] "'Middle' loop with FIPS = 53031"

## Rows: 192 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 192
## Columns: 43
## $ area_fips                          <dbl> 53031, 53031, 53031, 53031, 53031,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Jefferson County, Washington", "J~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 967, 19, 19, 7, 1, 2, 10, 7, 7, 7,~
## $ annual_avg_emplvl                  <dbl> 6792, 191, 190, 38, 0, 21, 131, 38~
## $ total_annual_wages                 <dbl> 129326175, 6532620, 6491900, 12847~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 366, 659, 658, 650, 0, 355, 709, 6~
## $ avg_annual_pay                     <dbl> 19041, 34247, 34213, 33809, 0, 184~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 2.76, 2.77, 2.76, 6.15, 14.6~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 1.10, 1.12, 0.68, 0.00, 6.01~
## $ lq_total_annual_wages              <dbl> 1.00, 1.45, 1.48, 0.95, 0.00, 8.29~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.32, 1.32, 1.41, 0.00, 1.37~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.32, 1.32, 1.41, 0.00, 1.37~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 73, -2, -2, 0, 0, 0, -1, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 8.2, -9.5, -9.5, 0.0, 0.0, 0.0, -9~
## $ oty_annual_avg_emplvl_chg          <dbl> 266, -7, -8, 2, 0, 2, -13, 2, 2, 2~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 4.1, -3.5, -4.0, 5.6, 0.0, 10.5, -~
## $ oty_total_annual_wages_chg         <dbl> 9162692, 212176, 171456, 22677, 0,~
## $ oty_total_annual_wages_pct_chg     <dbl> 7.6, 3.4, 2.7, 1.8, 0.0, 6.7, 2.7,~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg           <dbl> 12, 46, 45, -32, 0, -19, 82, -32, ~
## $ oty_annual_avg_wkly_wage_pct_chg       <dbl> 3.4, 7.5, 7.3, -4.7, 0.0, -5.1, 13~
## $ oty_avg_annual_pay_chg                 <dbl> 627, 2379, 2345, -1659, 0, -988, 4~
## $ oty_avg_annual_pay_pct_chg             <dbl> 3.4, 7.5, 7.4, -4.7, 0.0, -5.1, 13~
## Fips loop: 0.656 sec elapsed
## [1] "'Middle' loop with FIPS = 53033"

## Rows: 1562 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,562
## Columns: 43
## $ area_fips                       <dbl> 53033, 53033, 53033, 53033, 53033,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "101", "1013", "102", ~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 72, 73, 73, 73, 73~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "King County, Washington", "King C~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 62804, 185, 1, 1, 184, 40, 2, 6, 6~
## $ annual_avg_emplvl               <dbl> 949829, 19823, 21, 21, 19802, 6856~
## $ total_annual_wages              <dbl> 30744393475, 818936492, 715007, 71~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 622, 794, 650, 650, 795, 702, 1005~
## $ avg_annual_pay                  <dbl> 32368, 41312, 33780, 33780, 41320,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 0.41, 0.52, 2.24, 0.41, 0.24~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.82, 0.03, 0.04, 0.84, 0.87~
## $ lq_total_annual_wages           <dbl> 1.00, 0.76, 0.02, 0.03, 0.78, 0.78~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 0.94, 0.75, 0.75, 0.94, 0.90~
## $ lq_avg_annual_pay               <dbl> 1.00, 0.94, 0.75, 0.74, 0.94, 0.90~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 3438, -4, 0, 0, -4, -3, 0, 0, 1, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.8, -2.1, 0.0, 0.0, -2.1, -7.0, 0~
## $ oty_annual_avg_emplvl_chg       <dbl> 20963, -686, -2, -2, -684, -33, -5~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 2.3, -3.3, -8.7, -8.7, -3.3, -0.5,~
```

```
## $ oty_total_annual_wages_chg        <dbl> 2148586756, -2461871, -15432, -154~
## $ oty_total_annual_wages_pct_chg    <dbl> 7.5, -0.3, -2.1, -2.1, -0.3, -2.3,~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 30, 24, 44, 44, 25, -13, 116, 74, ~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 5.1, 3.1, 7.3, 7.3, 3.2, -1.8, 13.~
## $ oty_avg_annual_pay_chg            <dbl> 1582, 1261, 2250, 2250, 1259, -672~
## $ oty_avg_annual_pay_pct_chg        <dbl> 5.1, 3.1, 7.1, 7.1, 3.1, -1.8, 13.~
## Fips loop: 2.776 sec elapsed
## [1] "'Middle' loop with FIPS = 53035"

## Rows: 573 Columns: 43

## -- Column specification -------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 573
## Columns: 43
## $ area_fips                  <dbl> 53035, 53035, 53035, 53035, 53035,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "101", "1013", "102", ~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 72, 73, 73, 73, 73~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Kitsap County, Washington", "Kits~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count    <dbl> 5046, 62, 3, 3, 59, 24, 2, 1, 2, 2~
## $ annual_avg_emplvl          <dbl> 68167, 16755, 10029, 10029, 6726, ~
## $ total_annual_wages         <dbl> 1761177162, 662318347, 410455536, ~
## $ taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage       <dbl> 497, 760, 787, 787, 720, 420, 337,~
## $ avg_annual_pay             <dbl> 25836, 39531, 40928, 40928, 37447,~
## $ lq_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 1.73, 19.26, 83.60, 1.65, 1.~
## $ lq_annual_avg_emplvl       <dbl> 1.00, 9.60, 218.21, 247.02, 3.96, ~
## $ lq_total_annual_wages      <dbl> 1.00, 10.79, 247.64, 279.11, 4.22,~
## $ lq_taxable_annual_wages    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage    <dbl> 1.00, 1.12, 1.13, 1.13, 1.06, 0.67~
## $ lq_avg_annual_pay          <dbl> 1.00, 1.12, 1.13, 1.13, 1.07, 0.67~
## $ oty_disclosure_code        <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg      <dbl> 265, 3, 0, 0, 3, 0, 0, 0, 0, 0, 3,~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 5.5, 5.1, 0.0, 0.0, 5.4, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> 386, -753, -658, -658, -95, 19, -3~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 0.6, -4.3, -6.2, -6.2, -1.4, 2.2, ~
## $ oty_total_annual_wages_chg           <dbl> 60521304, -529416, -8538336, -8538~
## $ oty_total_annual_wages_pct_chg       <dbl> 3.6, -0.1, -2.0, -2.0, 3.3, 3.2, -~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 14, 32, 33, 33, 33, 4, 18, 78, 32,~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 2.9, 4.4, 4.4, 4.4, 4.8, 1.0, 5.6,~
## $ oty_avg_annual_pay_chg               <dbl> 745, 1671, 1720, 1720, 1698, 209, ~
## $ oty_avg_annual_pay_pct_chg           <dbl> 3.0, 4.4, 4.4, 4.4, 4.7, 1.0, 5.8,~
## Fips loop: 1.741 sec elapsed
## [1] "'Middle' loop with FIPS = 53045"

## Rows: 181 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 181
## Columns: 43
## $ area_fips                  <dbl> 53045, 53045, 53045, 53045, 53045,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Mason County, Washington", "Mason~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count    <dbl> 1212, 15, 15, 9, 1, 6, 9, 9, 9, 9,~
## $ annual_avg_emplvl          <dbl> 11013, 111, 111, 64, 6, 41, 64, 64~
## $ total_annual_wages         <dbl> 247008919, 3361774, 3361774, 19996~
## $ taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage       <dbl> 431, 584, 584, 601, 447, 578, 601,~
## $ avg_annual_pay             <dbl> 22429, 30377, 30377, 31244, 23239,~
## $ lq_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 1.74, 1.75, 2.83, 5.84, 1.30~
## $ lq_annual_avg_emplvl       <dbl> 1.00, 0.39, 0.40, 0.70, 1.06, 0.29~
## $ lq_total_annual_wages      <dbl> 1.00, 0.39, 0.40, 0.78, 1.55, 0.27~
## $ lq_taxable_annual_wages    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 1.00, 1.00, 1.11, 1.46, 0.93~
## $ lq_avg_annual_pay                    <dbl> 1.00, 0.99, 1.00, 1.11, 1.46, 0.93~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 82, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, ~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 7.3, 0.0, 0.0, 12.5, 0.0, 0.0, 12.~
## $ oty_annual_avg_emplvl_chg            <dbl> 558, -4, -4, 3, -1, -6, 3, 3, 3, 3~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 5.3, -3.5, -3.5, 4.9, -14.3, -12.8~
## $ oty_total_annual_wages_chg           <dbl> 18193676, -289792, -289792, 48051,~
## $ oty_total_annual_wages_pct_chg       <dbl> 8.0, -7.9, -7.9, 2.5, -19.1, -20.0~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 10, -27, -27, -13, -38, -48, -13, ~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 2.4, -4.4, -4.4, -2.1, -7.8, -7.7,~
## $ oty_avg_annual_pay_chg               <dbl> 543, -1399, -1399, -662, -1993, -2~
## $ oty_avg_annual_pay_pct_chg           <dbl> 2.5, -4.4, -4.4, -2.1, -7.9, -7.7,~
## Fips loop: 0.701 sec elapsed
## [1] "'Middle' loop with FIPS = 53049"

## Rows: 134 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 134
## Columns: 43
## $ area_fips                    <dbl> 53049, 53049, 53049, 53049, 53049,~
## $ own_code                     <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                  <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                         <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                          <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                   <chr> "Pacific County, Washington", "Pac~
## $ own_title                    <chr> "Total Covered", "Federal Governme~
## $ industry_title               <chr> "Total, all industries", "Total, a~
## $ agglvl_title                 <chr> "County, Total Covered", "County, ~
## $ size_title                   <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count      <dbl> 881, 15, 15, 11, 3, 10, 10, 10, 10~
## $ annual_avg_emplvl            <dbl> 5957, 54, 54, 47, 7, 46, 46, 46, 4~
## $ total_annual_wages           <dbl> 112086343, 1648818, 1648818, 13727~
## $ taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage         <dbl> 362, 589, 589, 561, 786, 550, 550,~
## $ avg_annual_pay               <dbl> 18815, 30628, 30628, 29156, 40897,~
## $ lq_disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 2.39, 2.40, 4.76, 0.89, 4.44~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.35, 0.36, 0.95, 0.09, 1.01~
## $ lq_total_annual_wages             <dbl> 1.00, 0.42, 0.43, 1.18, 0.13, 1.20~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.20, 1.20, 1.23, 1.51, 1.18~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.20, 1.20, 1.23, 1.51, 1.18~
## $ oty_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 68, -1, -1, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 8.4, -6.2, -6.2, 0.0, 0.0, 0.0, 0.~
## $ oty_annual_avg_emplvl_chg         <dbl> 174, -1, -1, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 3.0, -1.8, -1.8, 0.0, 0.0, 0.0, 0.~
## $ oty_total_annual_wages_chg        <dbl> 7977274, -22336, -22336, 4552, -82~
## $ oty_total_annual_wages_pct_chg    <dbl> 7.7, -1.3, -1.3, 0.3, -0.3, 0.5, 0~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 16, 0, 0, -4, 68, -3, -3, -3, -3, ~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 4.6, 0.0, 0.0, -0.7, 9.5, -0.5, -0~
## $ oty_avg_annual_pay_chg            <dbl> 812, 11, 11, -215, 3564, -157, -15~
## $ oty_avg_annual_pay_pct_chg        <dbl> 4.5, 0.0, 0.0, -0.7, 9.5, -0.5, -0~
## Fips loop: 0.537 sec elapsed
## [1] "'Middle' loop with FIPS = 53053"

## Rows: 985 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 985
## Columns: 43
## $ area_fips                 <dbl> 53053, 53053, 53053, 53053, 53053,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Pierce County, Washington", "Pier~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 16403, 104, 104, 29, 1, 2, 5, 10, ~
## $ annual_avg_emplvl         <dbl> 211672, 10970, 10970, 3199, 14, 14~
## $ total_annual_wages        <dbl> 5224735171, 310731017, 310731017, ~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 475, 545, 545, 495, 691, 677, 660,~
## $ avg_annual_pay                    <dbl> 24683, 28327, 28327, 25766, 35914,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.89, 0.90, 0.67, 0.25, 0.72~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 2.02, 2.08, 1.83, 0.28, 1.28~
## $ lq_total_annual_wages             <dbl> 1.00, 1.71, 1.75, 1.52, 0.24, 1.39~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 0.84, 0.84, 0.83, 0.85, 1.09~
## $ lq_avg_annual_pay                 <dbl> 1.00, 0.84, 0.84, 0.83, 0.85, 1.09~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 1072, 5, 5, 0, 0, 0, 0, 0, 5, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 7.0, 5.1, 5.1, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> 5964, -74, -74, 65, -1, 0, 83, -81~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 2.9, -0.7, -0.7, 2.1, -6.7, 0.0, 3~
## $ oty_total_annual_wages_chg        <dbl> 302683569, 13094577, 13094577, 253~
## $ oty_total_annual_wages_pct_chg    <dbl> 6.1, 4.4, 4.4, 3.2, 7.8, 5.2, 4.4,~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 15, 27, 27, 5, 82, 35, 5, 16, 51, ~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.3, 5.2, 5.2, 1.0, 13.5, 5.5, 0.8~
## $ oty_avg_annual_pay_chg            <dbl> 756, 1377, 1377, 273, 4246, 1787, ~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.2, 5.1, 5.1, 1.1, 13.4, 5.4, 0.9~
## Fips loop: 2.787 sec elapsed
## [1] "'Middle' loop with FIPS = 53055"

## Rows: 134 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 134
## Columns: 43
## $ area_fips            <dbl> 53055, 53055, 53055, 53055, 53055,~
## $ own_code             <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code        <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code          <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                 <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                  <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code      <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title           <chr> "San Juan County, Washington", "Sa~
## $ own_title            <chr> "Total Covered", "Federal Governme~
## $ industry_title       <chr> "Total, all industries", "Total, a~
## $ agglvl_title         <chr> "County, Total Covered", "County, ~
## $ size_title           <chr> "All establishment sizes", "All es~
```

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```
## $ annual_avg_estabs_count              <dbl> 750, 11, 11, 8, 1, 2, 8, 8, 8, 8, ~
## $ annual_avg_emplvl                    <dbl> 4055, 63, 63, 44, 11, 8, 44, 44, 4~
## $ total_annual_wages                   <dbl> 76985011, 1689987, 1689987, 115609~
## $ taxable_annual_wages                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                 <dbl> 365, 517, 517, 506, 568, 506, 506,~
## $ avg_annual_pay                       <dbl> 18987, 26896, 26896, 26325, 29546,~
## $ lq_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count           <dbl> 1.00, 2.06, 2.07, 4.07, 9.43, 0.70~
## $ lq_annual_avg_emplvl                 <dbl> 1.00, 0.61, 0.62, 1.31, 5.28, 0.15~
## $ lq_total_annual_wages                <dbl> 1.00, 0.63, 0.65, 1.44, 11.78, 0.1~
## $ lq_taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 1.04, 1.04, 1.10, 2.20, 0.96~
## $ lq_avg_annual_pay                    <dbl> 1.00, 1.04, 1.04, 1.10, 2.20, 0.96~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 41, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, ~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 5.8, 10.0, 10.0, 14.3, 0.0, 0.0, 1~
## $ oty_annual_avg_emplvl_chg            <dbl> 139, 6, 6, 3, 0, 3, 3, 3, 3, 3, 3,~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 3.5, 10.5, 10.5, 7.3, 0.0, 60.0, 7~
## $ oty_total_annual_wages_chg           <dbl> 4247997, 90266, 90266, 9339, 36147~
## $ oty_total_annual_wages_pct_chg       <dbl> 5.8, 5.6, 5.6, 0.8, 12.3, 28.1, 0.~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 8, -20, -20, -30, 62, -106, -30, -~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 2.2, -3.7, -3.7, -5.6, 12.3, -17.3~
## $ oty_avg_annual_pay_chg               <dbl> 410, -1006, -1006, -1531, 3237, -5~
## $ oty_avg_annual_pay_pct_chg           <dbl> 2.2, -3.6, -3.6, -5.5, 12.3, -17.3~
## Fips loop: 0.568 sec elapsed
## [1] "'Middle' loop with FIPS = 53057"

## Rows: 454 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 454
## Columns: 43
## $ area_fips                            <dbl> 53057, 53057, 53057, 53057, 53057,~
## $ own_code                             <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                        <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                          <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                 <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                  <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                      <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                           <chr> "Skagit County, Washington", "Skag~
```

```
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 3494, 37, 37, 12, 1, 2, 21, 12, 12~
## $ annual_avg_emplvl                 <dbl> 36423, 482, 482, 192, 4, 78, 206, ~
## $ total_annual_wages                <dbl> 807498328, 15626733, 15626733, 603~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 426, 624, 624, 604, 537, 548, 673,~
## $ avg_annual_pay                    <dbl> 22170, 32449, 32449, 31398, 27926,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 1.49, 1.50, 1.31, 1.16, 4.05~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.52, 0.53, 0.64, 0.47, 4.16~
## $ lq_total_annual_wages             <dbl> 1.00, 0.56, 0.57, 0.72, 0.36, 7.59~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.08, 1.08, 1.13, 0.73, 1.82~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.08, 1.08, 1.13, 0.73, 1.82~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 179, -2, -2, 0, 0, 0, -1, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.4, -5.1, -5.1, 0.0, 0.0, 0.0, -4~
## $ oty_annual_avg_emplvl_chg         <dbl> 708, -18, -18, 4, 0, -11, -12, 4, ~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 2.0, -3.6, -3.6, 2.1, 0.0, -12.4, ~
## $ oty_total_annual_wages_chg        <dbl> 42097920, -434636, -434636, 119293~
## $ oty_total_annual_wages_pct_chg    <dbl> 5.5, -2.7, -2.7, 2.0, 3.3, -5.9, -~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 14, 6, 6, -2, 27, 35, 0, -2, -2, -~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.4, 1.0, 1.0, -0.3, 5.3, 6.8, 0.0~
## $ oty_avg_annual_pay_chg            <dbl> 739, 305, 305, -131, 1407, 1822, 9~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.4, 0.9, 0.9, -0.4, 5.3, 6.8, 0.0~
## Fips loop: 1.359 sec elapsed
## [1] "'Middle' loop with FIPS = 53061"

## Rows: 900 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 900
## Columns: 43
## $ area_fips                         <dbl> 53061, 53061, 53061, 53061, 53061,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Snohomish County, Washington", "S~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 14300, 74, 74, 22, 2, 2, 2, 45, 1,~
## $ annual_avg_emplvl                <dbl> 181762, 1994, 1994, 1252, 4, 26, 1~
## $ total_annual_wages               <dbl> 5269271386, 70037329, 70037329, 41~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 557, 675, 675, 645, 673, 693, 188,~
## $ avg_annual_pay                   <dbl> 28990, 35117, 35117, 33535, 35002,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.73, 0.73, 0.59, 0.83, 2.15~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.43, 0.44, 0.83, 0.04, 0.06~
## $ lq_total_annual_wages            <dbl> 1.00, 0.38, 0.39, 0.77, 0.04, 0.05~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.89, 0.89, 0.92, 0.92, 0.88~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.89, 0.89, 0.92, 0.92, 0.88~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 981, -1, -1, 0, 0, -1, 1, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 7.4, -1.3, -1.3, 0.0, 0.0, -33.3, ~
## $ oty_annual_avg_emplvl_chg        <dbl> 1673, 226, 226, 151, -2, -1, 5, 73~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 0.9, 12.8, 12.8, 13.7, -33.3, -3.7~
## $ oty_total_annual_wages_chg       <dbl> 186028297, 7552950, 7552950, 34124~
## $ oty_total_annual_wages_pct_chg   <dbl> 3.7, 12.1, 12.1, 8.8, -32.2, -18.6~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 14, -5, -5, -29, -64, -129, -175, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.6, -0.7, -0.7, -4.3, -8.7, -15.7~
## $ oty_avg_annual_pay_chg           <dbl> 764, -230, -230, -1502, -3347, -67~
## $ oty_avg_annual_pay_pct_chg       <dbl> 2.7, -0.7, -0.7, -4.3, -8.7, -15.7~
## Fips loop: 2.729 sec elapsed
## [1] "'Middle' loop with FIPS = 53067"

## Rows: 616 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 616
## Columns: 43
## $ area_fips                        <dbl> 53067, 53067, 53067, 53067, 53067,~
```

```
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                       <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                          <chr> "Thurston County, Washington", "Th~
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 5384, 50, 50, 12, 1, 2, 1, 35, 1, ~
## $ annual_avg_emplvl                   <dbl> 74285, 946, 946, 495, 10, 10, 0, 4~
## $ total_annual_wages                  <dbl> 1939163881, 35737461, 35737461, 17~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 502, 726, 726, 691, 600, 834, 0, 7~
## $ avg_annual_pay                      <dbl> 26105, 37767, 37767, 35931, 31219,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 1.31, 1.31, 0.85, 0.76, 2.21~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 0.50, 0.51, 0.81, 0.57, 0.24~
## $ lq_total_annual_wages               <dbl> 1.00, 0.53, 0.54, 0.88, 0.41, 0.30~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 1.06, 1.06, 1.09, 0.70, 1.27~
## $ lq_avg_annual_pay                   <dbl> 1.00, 1.06, 1.06, 1.09, 0.70, 1.27~
## $ oty_disclosure_code                 <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 323, 1, 1, 0, 0, 0, 0, 3, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 6.4, 2.0, 2.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg           <dbl> 409, -5, -5, 11, 0, -1, 0, -16, 1,~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 0.6, -0.5, -0.5, 2.3, 0.0, -9.1, 0~
## $ oty_total_annual_wages_chg          <dbl> 66919622, 174400, 174400, -57166, ~
## $ oty_total_annual_wages_pct_chg      <dbl> 3.6, 0.5, 0.5, -0.3, 0.4, -15.5, 0~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 15, 7, 7, -19, -45, -69, 0, 41, -2~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 3.1, 1.0, 1.0, -2.7, -7.0, -7.6, 0~
## $ oty_avg_annual_pay_chg              <dbl> 762, 381, 381, -972, -2315, -3585,~
## $ oty_avg_annual_pay_pct_chg          <dbl> 3.0, 1.0, 1.0, -2.6, -6.9, -7.6, 0~
## Fips loop: 1.823 sec elapsed
## [1] "'Middle' loop with FIPS = 53069"

## Rows: 36 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
## Rows: 36
## Columns: 43
## $ area_fips                          <dbl> 53069, 53069, 53069, 53069, 53069,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Wahkiakum County, Washington", "W~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 131, 5, 5, 4, 2, 4, 4, 4, 4, 4, 2,~
## $ annual_avg_emplvl                  <dbl> 712, 15, 15, 12, 4, 12, 12, 12, 12~
## $ total_annual_wages                 <dbl> 14779467, 381492, 381492, 261368, ~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 399, 476, 476, 437, 590, 437, 437,~
## $ avg_annual_pay                     <dbl> 20746, 24745, 24745, 22728, 30670,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 5.37, 5.39, 11.64, 4.01, 11.~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.82, 0.85, 2.04, 0.44, 2.21~
## $ lq_total_annual_wages              <dbl> 1.00, 0.74, 0.76, 1.70, 0.44, 1.80~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.88, 0.88, 0.87, 1.03, 0.85~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.88, 0.88, 0.87, 1.03, 0.85~
## $ oty_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 1, -1, -1, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.8, -16.7, -16.7, 0.0, 0.0, 0.0, ~
## $ oty_annual_avg_emplvl_chg          <dbl> 12, -2, -2, 0, -1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 1.7, -11.8, -11.8, 0.0, -20.0, 0.0~
## $ oty_total_annual_wages_chg         <dbl> 852414, -37609, -37609, -19578, -1~
## $ oty_total_annual_wages_pct_chg     <dbl> 6.1, -9.0, -9.0, -7.0, -13.1, -7.0~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 16, -5, -5, -10, 21, -10, -10, -10~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 4.2, -1.0, -1.0, -2.2, 3.7, -2.2, ~
## $ oty_avg_annual_pay_chg             <dbl> 848, -276, -276, -523, 1065, -523,~
## $ oty_avg_annual_pay_pct_chg         <dbl> 4.3, -1.1, -1.1, -2.2, 3.6, -2.2, ~
## Fips loop: 0.289 sec elapsed
## [1] "'Middle' loop with FIPS = 53073"

## Rows: 619 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (9): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (1): disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 619
## Columns: 43
## $ area_fips                       <dbl> 53073, 53073, 53073, 53073, 53073,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                   <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Whatcom County, Washington", "Wha~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 5594, 56, 56, 14, 2, 2, 3, 35, 1, ~
## $ annual_avg_emplvl               <dbl> 60318, 794, 794, 330, 9, 1, 17, 43~
## $ total_annual_wages              <dbl> 1350209898, 32940973, 32940973, 11~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 430, 798, 798, 645, 851, 1974, 406~
## $ avg_annual_pay                  <dbl> 22385, 41479, 41479, 33551, 44267,~
## $ lq_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 1.41, 1.41, 0.95, 2.12, 5.49~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.51, 0.53, 0.66, 0.27, 0.01~
## $ lq_total_annual_wages           <dbl> 1.00, 0.70, 0.72, 0.79, 0.39, 0.03~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.36, 1.36, 1.19, 1.51, 3.24~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.36, 1.36, 1.19, 1.51, 3.24~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 290, -2, -2, -1, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.5, -3.4, -3.4, -6.7, 0.0, 0.0, 0~
## $ oty_annual_avg_emplvl_chg       <dbl> 1256, -2, -2, 16, 2, -11, 0, -4, -~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 2.1, -0.3, -0.3, 5.1, 28.6, -91.7,~
## $ oty_total_annual_wages_chg      <dbl> 69793584, 874960, 874960, -36879, ~
## $ oty_total_annual_wages_pct_chg  <dbl> 5.5, 2.7, 2.7, -0.3, 43.4, -80.4, ~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 13, 23, 23, -35, 139, 958, 17, 67,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.1, 3.0, 3.0, -5.1, 19.5, 94.3, 4~
## $ oty_avg_annual_pay_chg          <dbl> 706, 1187, 1187, -1783, 7225, 4980~
## $ oty_avg_annual_pay_pct_chg      <dbl> 3.3, 2.9, 2.9, -5.0, 19.5, 94.2, 4~
## Fips loop: 1.901 sec elapsed
## [1] "'Middle' loop with FIPS = 55003"
```

```
## Rows: 130 Columns: 43

## -- Column specification --------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 130
## Columns: 43
## $ area_fips                      <dbl> 55003, 55003, 55003, 55003, 55003,~
## $ own_code                       <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                  <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                    <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Ashland County, Wisconsin", "Ashl~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 591, 17, 17, 8, 2, 7, 8, 8, 8, 8, ~
## $ annual_avg_emplvl              <dbl> 8007, 187, 187, 55, 33, 99, 55, 55~
## $ total_annual_wages             <dbl> 163720167, 5488823, 5488823, 15114~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 393, 565, 565, 529, 488, 611, 529,~
## $ avg_annual_pay                 <dbl> 20447, 29404, 29404, 27523, 25371,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 4.04, 4.06, 5.16, 13.76, 3.1~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 0.91, 0.94, 0.83, 17.45, 0.9~
## $ lq_total_annual_wages          <dbl> 1.00, 0.96, 0.99, 0.89, 12.51, 1.0~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 1.06, 1.06, 1.07, 0.72, 1.08~
## $ lq_avg_annual_pay              <dbl> 1.00, 1.06, 1.06, 1.07, 0.72, 1.08~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, "N", NA, NA, NA, N~
## $ oty_annual_avg_estabs_count_chg <dbl> 20, 5, 5, 0, 0, 3, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.5, 41.7, 41.7, 0.0, 0.0, 75.0, 0~
## $ oty_annual_avg_emplvl_chg      <dbl> 305, 45, 45, 4, 0, 8, 4, 4, 4, 4, ~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> 4.0, 31.7, 31.7, 7.8, 0.0, 8.8, 7.~
## $ oty_total_annual_wages_chg     <dbl> 10535487, 1252093, 1252093, 37485,~
## $ oty_total_annual_wages_pct_chg <dbl> 6.9, 29.6, 29.6, 2.5, 0.0, 13.9, 2~
## $ oty_taxable_annual_wages_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg   <dbl> 11, -9, -9, -25, 0, 26, -25, -25, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.9, -1.6, -1.6, -4.5, 0.0, 4.4, -~
```

```
## $ oty_avg_annual_pay_chg               <dbl> 559, -432, -432, -1284, 0, 1366, -~
## $ oty_avg_annual_pay_pct_chg           <dbl> 2.8, -1.4, -1.4, -4.5, 0.0, 4.5, -~
## Fips loop: 0.555 sec elapsed
## [1] "'Middle' loop with FIPS = 55007"

## Rows: 86 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 86
## Columns: 43
## $ area_fips                           <dbl> 55007, 55007, 55007, 55007, 55007,~
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                       <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                          <chr> "Bayfield County, Wisconsin", "Bay~
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 446, 11, 11, 7, 1, 3, 7, 7, 7, 7, ~
## $ annual_avg_emplvl                   <dbl> 3605, 150, 150, 41, 61, 48, 41, 41~
## $ total_annual_wages                  <dbl> 58166533, 3167073, 3167073, 988527~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 310, 406, 406, 467, 404, 358, 467,~
## $ avg_annual_pay                      <dbl> 16135, 21137, 21137, 24308, 20999,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 3.47, 3.48, 5.98, 15.86, 1.7~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 1.63, 1.67, 1.38, 32.91, 1.0~
## $ lq_total_annual_wages               <dbl> 1.00, 1.56, 1.61, 1.63, 60.92, 0.8~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 0.96, 0.96, 1.20, 1.84, 0.80~
## $ lq_avg_annual_pay                   <dbl> 1.00, 0.96, 0.96, 1.20, 1.84, 0.80~
## $ oty_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 17, 2, 2, 0, 0, 2, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.0, 22.2, 22.2, 0.0, 0.0, 200.0, ~
## $ oty_annual_avg_emplvl_chg           <dbl> 58, 30, 30, 2, 1, 27, 2, 2, 2, 2, ~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 1.6, 25.0, 25.0, 5.1, 1.7, 128.6, ~
## $ oty_total_annual_wages_chg          <dbl> 2749518, 697244, 697244, 19401, 53~
## $ oty_total_annual_wages_pct_chg      <dbl> 5.0, 28.2, 28.2, 2.0, 4.3, 236.5, ~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 10, 10, 10, -9, 8, 112, -9, -9, -9~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 3.3, 2.5, 2.5, -1.9, 2.0, 45.5, -1~
## $ oty_avg_annual_pay_chg                <dbl> 509, 526, 526, -436, 390, 5832, -4~
## $ oty_avg_annual_pay_pct_chg            <dbl> 3.3, 2.6, 2.6, -1.8, 1.9, 45.6, -1~
## Fips loop: 0.402 sec elapsed
## [1] "'Middle' loop with FIPS = 55009"

## Rows: 640 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 640
## Columns: 43
## $ area_fips                      <dbl> 55009, 55009, 55009, 55009, 55009,~
## $ own_code                       <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                  <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                    <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Brown County, Wisconsin", "Brown ~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 5292, 27, 27, 10, 1, 15, 10, 1, 1,~
## $ annual_avg_emplvl              <dbl> 123259, 963, 963, 754, 19, 190, 75~
## $ total_annual_wages             <dbl> 3244304959, 37157584, 37157584, 28~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 506, 742, 742, 722, 836, 811, 722,~
## $ avg_annual_pay                 <dbl> 26321, 38592, 38592, 37559, 43473,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 0.72, 0.72, 0.72, 1.12, 0.74~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 0.31, 0.31, 0.74, 0.28, 0.12~
## $ lq_total_annual_wages          <dbl> 1.00, 0.33, 0.34, 0.84, 0.35, 0.13~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 1.08, 1.08, 1.13, 1.26, 1.11~
## $ lq_avg_annual_pay              <dbl> 1.00, 1.08, 1.08, 1.13, 1.26, 1.11~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 223, 7, 7, 0, 0, 6, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.4, 35.0, 35.0, 0.0, 0.0, 66.7, 0~
## $ oty_annual_avg_emplvl_chg      <dbl> 4734, 65, 65, 10, 5, 50, 10, -2, -~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> 4.0, 7.2, 7.2, 1.3, 35.7, 35.7, 1.~
```

```
## $ oty_total_annual_wages_chg            <dbl> 243469700, 1888255, 1888255, -4318~
## $ oty_total_annual_wages_pct_chg        <dbl> 8.1, 5.4, 5.4, -1.5, 50.1, 34.2, -~
## $ oty_taxable_annual_wages_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 19, -13, -13, -21, 75, -10, -21, -~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 3.9, -1.7, -1.7, -2.8, 9.9, -1.2, ~
## $ oty_avg_annual_pay_chg                <dbl> 1003, -676, -676, -1064, 3877, -47~
## $ oty_avg_annual_pay_pct_chg            <dbl> 4.0, -1.7, -1.7, -2.8, 9.8, -1.1, ~
## Fips loop: 1.891 sec elapsed
## [1] "'Middle' loop with FIPS = 55029"

## Rows: 182 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 182
## Columns: 43
## $ area_fips                             <dbl> 55029, 55029, 55029, 55029, 55029,~
## $ own_code                              <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                         <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                           <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                  <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                   <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                            <chr> "Door County, Wisconsin", "Door Co~
## $ own_title                             <chr> "Total Covered", "Federal Governme~
## $ industry_title                        <chr> "Total, all industries", "Total, a~
## $ agglvl_title                          <chr> "County, Total Covered", "County, ~
## $ size_title                            <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count               <dbl> 1142, 14, 14, 11, 3, 11, 11, 11, 1~
## $ annual_avg_emplvl                     <dbl> 11123, 78, 78, 73, 6, 73, 73, 73, ~
## $ total_annual_wages                    <dbl> 194696075, 2317261, 2317261, 21481~
## $ taxable_annual_wages                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                  <dbl> 337, 571, 571, 569, 591, 569, 569,~
## $ avg_annual_pay                        <dbl> 17505, 29677, 29677, 29596, 30739,~
## $ lq_disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count            <dbl> 1.00, 1.72, 1.73, 3.67, 0.69, 3.77~
## $ lq_annual_avg_emplvl                  <dbl> 1.00, 0.27, 0.28, 0.79, 0.04, 0.86~
## $ lq_total_annual_wages                 <dbl> 1.00, 0.34, 0.35, 1.06, 0.05, 1.12~
## $ lq_taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage               <dbl> 1.00, 1.24, 1.24, 1.34, 1.22, 1.31~
## $ lq_avg_annual_pay                     <dbl> 1.00, 1.25, 1.25, 1.34, 1.22, 1.31~
## $ oty_disclosure_code                   <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg     <dbl> 30, 2, 2, 0, 2, 0, 0, 0, 0, 0, 2, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.7, 16.7, 16.7, 0.0, 200.0, 0.0, ~
## $ oty_annual_avg_emplvl_chg           <dbl> 155, 0, 0, -1, 2, -1, -1, -1, -1, ~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 1.4, 0.0, 0.0, -1.4, 50.0, -1.4, -~
## $ oty_total_annual_wages_chg          <dbl> 11271135, 81770, 81770, 25644, 561~
## $ oty_total_annual_wages_pct_chg      <dbl> 6.1, 3.7, 3.7, 1.2, 49.7, 1.2, 1.2~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 15, 17, 17, 14, 70, 14, 14, 14, 14~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 4.7, 3.1, 3.1, 2.5, 13.4, 2.5, 2.5~
## $ oty_avg_annual_pay_chg              <dbl> 782, 894, 894, 718, 3633, 718, 718~
## $ oty_avg_annual_pay_pct_chg          <dbl> 4.7, 3.1, 3.1, 2.5, 13.4, 2.5, 2.5~
## Fips loop: 0.673 sec elapsed
## [1] "'Middle' loop with FIPS = 55031"

## Rows: 192 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 192
## Columns: 43
## $ area_fips                <dbl> 55031, 55031, 55031, 55031, 55031,~
## $ own_code                 <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code            <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code              <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Douglas County, Wisconsin", "Doug~
## $ own_title                <chr> "Total Covered", "Federal Governme~
## $ industry_title           <chr> "Total, all industries", "Total, a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 1167, 10, 10, 6, 4, 6, 6, 6, 6, 6,~
## $ annual_avg_emplvl        <dbl> 15068, 123, 123, 97, 26, 97, 97, 9~
## $ total_annual_wages       <dbl> 315515149, 3656563, 3656563, 28878~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage     <dbl> 403, 572, 572, 572, 574, 572, 572,~
## $ avg_annual_pay           <dbl> 20940, 29768, 29768, 29746, 29852,~
## $ lq_disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 1.20, 1.21, 1.96, 0.90, 2.01~
## $ lq_annual_avg_emplvl     <dbl> 1.00, 0.32, 0.33, 0.78, 0.13, 0.84~
## $ lq_total_annual_wages    <dbl> 1.00, 0.33, 0.34, 0.88, 0.13, 0.93~
## $ lq_taxable_annual_wages  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 1.04, 1.04, 1.13, 0.99, 1.10~
## $ lq_avg_annual_pay                    <dbl> 1.00, 1.04, 1.04, 1.13, 0.99, 1.10~
## $ oty_disclosure_code                  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 34, 0, 0, -2, 2, -2, -2, -2, -2, -~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 3.0, 0.0, 0.0, -25.0, 100.0, -25.0~
## $ oty_annual_avg_emplvl_chg            <dbl> 82, -1, -1, 0, -1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 0.5, -0.8, -0.8, 0.0, -3.7, 0.0, 0~
## $ oty_total_annual_wages_chg           <dbl> 3948217, -76597, -76597, -4478, -7~
## $ oty_total_annual_wages_pct_chg       <dbl> 1.3, -2.1, -2.1, -0.2, -8.6, -0.2,~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 3, -6, -6, -3, -16, -3, -3, -3, -3~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 0.8, -1.0, -1.0, -0.5, -2.7, -0.5,~
## $ oty_avg_annual_pay_chg               <dbl> 149, -298, -298, -149, -816, -149,~
## $ oty_avg_annual_pay_pct_chg           <dbl> 0.7, -1.0, -1.0, -0.5, -2.7, -0.5,~
## Fips loop: 0.693 sec elapsed
## [1] "'Middle' loop with FIPS = 55051"

## Rows: 45 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 45
## Columns: 43
## $ area_fips                  <dbl> 55051, 55051, 55051, 55051, 55051,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 3, 3, 5~
## $ industry_code              <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Iron County, Wisconsin", "Iron Co~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count    <dbl> 237, 4, 4, 4, 4, 4, 4, 4, 4, 15, 1~
## $ annual_avg_emplvl          <dbl> 2278, 21, 21, 21, 21, 21, 21, 21, ~
## $ total_annual_wages         <dbl> 33698558, 565845, 565845, 565845, ~
## $ taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage       <dbl> 284, 531, 531, 531, 531, 531, 531,~
## $ avg_annual_pay             <dbl> 14792, 27602, 27602, 27602, 27602,~
## $ lq_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 2.37, 2.38, 6.43, 6.60, 6.72~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.36, 0.37, 1.11, 1.21, 1.25~
## $ lq_total_annual_wages             <dbl> 1.00, 0.48, 0.50, 1.61, 1.71, 1.81~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.37, 1.37, 1.49, 1.45, 1.48~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.37, 1.37, 1.48, 1.45, 1.48~
## $ oty_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 15, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 6.8, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> 38, 0, 0, 0, 0, 0, 0, 0, 0, -14, -~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 1.7, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_total_annual_wages_chg        <dbl> 3307651, -9400, -9400, -9400, -940~
## $ oty_total_annual_wages_pct_chg    <dbl> 10.9, -1.6, -1.6, -1.6, -1.6, -1.6~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 23, -4, -4, -4, -4, -4, -4, -4, -4~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 8.8, -0.7, -0.7, -0.7, -0.7, -0.7,~
## $ oty_avg_annual_pay_chg            <dbl> 1225, -232, -232, -232, -232, -232~
## $ oty_avg_annual_pay_pct_chg        <dbl> 9.0, -0.8, -0.8, -0.8, -0.8, -0.8,~
## Fips loop: 0.318 sec elapsed
## [1] "'Middle' loop with FIPS = 55059"

## Rows: 366 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 366
## Columns: 43
## $ area_fips                  <dbl> 55059, 55059, 55059, 55059, 55059,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Kenosha County, Wisconsin", "Keno~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count    <dbl> 2843, 15, 15, 12, 3, 12, 12, 12, 1~
## $ annual_avg_emplvl          <dbl> 47228, 270, 270, 246, 24, 246, 246~
## $ total_annual_wages         <dbl> 1178596376, 9727290, 9727290, 8621~
## $ taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

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```
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 480, 692, 692, 673, 889, 673, 673,~
## $ avg_annual_pay                    <dbl> 24956, 36005, 36005, 35012, 46230,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.74, 0.75, 1.61, 0.28, 1.65~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.22, 0.23, 0.63, 0.04, 0.68~
## $ lq_total_annual_wages             <dbl> 1.00, 0.24, 0.24, 0.70, 0.05, 0.74~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.06, 1.06, 1.11, 1.29, 1.09~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.06, 1.06, 1.11, 1.29, 1.09~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 94, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.4, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> 1939, 15, 15, 11, 4, 11, 11, 11, 1~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 4.3, 5.9, 5.9, 4.7, 20.0, 4.7, 4.7~
## $ oty_total_annual_wages_chg        <dbl> 91111191, -52935, -52935, -278524,~
## $ oty_total_annual_wages_pct_chg    <dbl> 8.4, -0.5, -0.5, -3.1, 25.6, -3.1,~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 18, -45, -45, -56, 53, -56, -56, -~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.9, -6.1, -6.1, -7.7, 6.3, -7.7, ~
## $ oty_avg_annual_pay_chg            <dbl> 944, -2324, -2324, -2874, 2770, -2~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.9, -6.1, -6.1, -7.6, 6.4, -7.6, ~
## Fips loop: 1.213 sec elapsed
## [1] "'Middle' loop with FIPS = 55061"

## Rows: 107 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 107
## Columns: 43
## $ area_fips              <dbl> 55061, 55061, 55061, 55061, 55061,~
## $ own_code               <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code          <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code            <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                   <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                    <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title             <chr> "Kewaunee County, Wisconsin", "Kew~
## $ own_title              <chr> "Total Covered", "Federal Governme~
## $ industry_title         <chr> "Total, all industries", "Total, a~
## $ agglvl_title           <chr> "County, Total Covered", "County, ~
## $ size_title             <chr> "All establishment sizes", "All es~
```

```
## $ annual_avg_estabs_count          <dbl> 494, 8, 8, 5, 3, 5, 5, 5, 5, 5, 3,~
## $ annual_avg_emplvl                <dbl> 6100, 51, 51, 40, 7, 40, 40, 40, 4~
## $ total_annual_wages               <dbl> 118251110, 1474970, 1474970, 11736~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 373, 560, 560, 562, 571, 562, 562,~
## $ avg_annual_pay                   <dbl> 19386, 29111, 29111, 29221, 29708,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 2.28, 2.29, 3.86, 1.59, 3.96~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.33, 0.34, 0.79, 0.09, 0.86~
## $ lq_total_annual_wages            <dbl> 1.00, 0.36, 0.37, 0.95, 0.10, 1.01~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.10, 1.10, 1.20, 1.06, 1.17~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.10, 1.10, 1.20, 1.07, 1.17~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 19, 2, 2, 0, 2, 0, 0, 0, 0, 0, 2, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.0, 33.3, 33.3, 0.0, 200.0, 0.0, ~
## $ oty_annual_avg_emplvl_chg        <dbl> 143, 7, 7, 0, 3, 0, 0, 0, 0, 0, 3,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 2.4, 15.9, 15.9, 0.0, 75.0, 0.0, 0~
## $ oty_total_annual_wages_chg       <dbl> 5214567, 183815, 183815, -2451, 10~
## $ oty_total_annual_wages_pct_chg   <dbl> 4.6, 14.2, 14.2, -0.2, 87.3, -0.2,~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 8, -5, -5, -6, 29, -6, -6, -6, -6,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.2, -0.9, -0.9, -1.1, 5.4, -1.1, ~
## $ oty_avg_annual_pay_chg           <dbl> 411, -289, -289, -306, 1542, -306,~
## $ oty_avg_annual_pay_pct_chg       <dbl> 2.2, -1.0, -1.0, -1.0, 5.5, -1.0, ~
## Fips loop: 0.488 sec elapsed
## [1] "'Middle' loop with FIPS = 55071"

## Rows: 297 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 297
## Columns: 43
## $ area_fips            <dbl> 55071, 55071, 55071, 55071, 55071,~
## $ own_code             <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code        <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code          <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                 <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                  <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code      <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title           <chr> "Manitowoc County, Wisconsin", "Ma~
```

```
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 1792, 18, 18, 13, 1, 4, 13, 13, 13~
## $ annual_avg_emplvl                  <dbl> 35053, 180, 180, 153, 6, 20, 153, ~
## $ total_annual_wages                 <dbl> 803749326, 5659843, 5659843, 48876~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 441, 604, 604, 613, 444, 588, 613,~
## $ avg_annual_pay                     <dbl> 22929, 31400, 31400, 31859, 23114,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 1.41, 1.42, 2.77, 2.27, 0.59~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.20, 0.21, 0.53, 0.72, 0.04~
## $ lq_total_annual_wages              <dbl> 1.00, 0.20, 0.21, 0.58, 0.45, 0.04~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.01, 1.01, 1.10, 0.59, 0.93~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.01, 1.01, 1.10, 0.59, 0.93~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, "N", NA, NA, NA, N~
## $ oty_annual_avg_estabs_count_chg    <dbl> 27, 3, 3, 0, 0, 2, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.5, 20.0, 20.0, 0.0, 0.0, 100.0, ~
## $ oty_annual_avg_emplvl_chg          <dbl> 573, 10, 10, -2, 0, 4, -2, -2, -2,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 1.7, 5.9, 5.9, -1.3, 0.0, 25.0, -1~
## $ oty_total_annual_wages_chg         <dbl> 30102799, 135706, 135706, -137814,~
## $ oty_total_annual_wages_pct_chg     <dbl> 3.9, 2.5, 2.5, -2.7, 0.0, 25.1, -2~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 10, -20, -20, -13, 0, -24, -13, -1~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 2.3, -3.2, -3.2, -2.1, 0.0, -3.9, ~
## $ oty_avg_annual_pay_chg             <dbl> 492, -1063, -1063, -668, 0, -1273,~
## $ oty_avg_annual_pay_pct_chg         <dbl> 2.2, -3.3, -3.3, -2.1, 0.0, -4.0, ~
## Fips loop: 0.998 sec elapsed
## [1] "'Middle' loop with FIPS = 55075"

## Rows: 192 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 192
## Columns: 43
## $ area_fips                          <dbl> 55075, 55075, 55075, 55075, 55075,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Marinette County, Wisconsin", "Ma~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 1078, 14, 14, 10, 4, 10, 10, 10, 1~
## $ annual_avg_emplvl                 <dbl> 17090, 113, 113, 95, 18, 95, 95, 9~
## $ total_annual_wages                <dbl> 400626918, 3457437, 3457437, 28970~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 451, 588, 588, 586, 599, 586, 586,~
## $ avg_annual_pay                    <dbl> 23442, 30574, 30574, 30469, 31132,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 1.83, 1.83, 3.54, 0.97, 3.63~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.26, 0.27, 0.67, 0.08, 0.73~
## $ lq_total_annual_wages             <dbl> 1.00, 0.25, 0.25, 0.70, 0.08, 0.74~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 0.96, 0.96, 1.03, 0.92, 1.01~
## $ lq_avg_annual_pay                 <dbl> 1.00, 0.96, 0.96, 1.03, 0.92, 1.01~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 25, 2, 2, 0, 2, 0, 0, 0, 0, 0, 2, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.4, 16.7, 16.7, 0.0, 100.0, 0.0, ~
## $ oty_annual_avg_emplvl_chg         <dbl> 484, 1, 1, -1, 2, -1, -1, -1, -1, ~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 2.9, 0.9, 0.9, -1.0, 12.5, -1.0, -~
## $ oty_total_annual_wages_chg        <dbl> 24146769, -26867, -26867, -83300, ~
## $ oty_total_annual_wages_pct_chg    <dbl> 6.4, -0.8, -0.8, -2.8, 11.2, -2.8,~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 15, -13, -13, -13, -13, -13, -13, ~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.4, -2.2, -2.2, -2.2, -2.1, -2.2,~
## $ oty_avg_annual_pay_chg            <dbl> 771, -675, -675, -685, -696, -685,~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.4, -2.2, -2.2, -2.2, -2.2, -2.2,~
## Fips loop: 0.7 sec elapsed
## [1] "'Middle' loop with FIPS = 55079"

## Rows: 1129 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 1,129
## Columns: 43
## $ area_fips                         <dbl> 55079, 55079, 55079, 55079, 55079,~
```

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```
## $ own_code                               <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                          <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                            <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                   <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                    <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                             <chr> "Milwaukee County, Wisconsin", "Mi~
## $ own_title                              <chr> "Total Covered", "Federal Governme~
## $ industry_title                         <chr> "Total, all industries", "Total, a~
## $ agglvl_title                           <chr> "County, Total Covered", "County, ~
## $ size_title                             <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count                <dbl> 22822, 57, 57, 8, 1, 1, 1, 46, 8, ~
## $ annual_avg_emplvl                      <dbl> 514667, 9056, 9056, 3684, 22, 2539~
## $ total_annual_wages                     <dbl> 14488717006, 344988949, 344988949,~
## $ taxable_annual_wages                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                   <dbl> 541, 733, 733, 721, 960, 691, 806,~
## $ avg_annual_pay                         <dbl> 28152, 38094, 38094, 37469, 49944,~
## $ lq_disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count             <dbl> 1.00, 0.35, 0.35, 0.13, 0.18, 0.67~
## $ lq_annual_avg_emplvl                   <dbl> 1.00, 0.69, 0.71, 0.87, 0.18, 2.13~
## $ lq_total_annual_wages                  <dbl> 1.00, 0.68, 0.70, 0.92, 0.18, 1.92~
## $ lq_taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage                <dbl> 1.00, 1.00, 1.00, 1.06, 1.03, 0.90~
## $ lq_avg_annual_pay                      <dbl> 1.00, 0.99, 0.99, 1.06, 1.03, 0.90~
## $ oty_disclosure_code                    <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg        <dbl> 482, 13, 13, 0, 0, 0, 0, 13, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg    <dbl> 2.2, 29.5, 29.5, 0.0, 0.0, 0.0, 0.~
## $ oty_annual_avg_emplvl_chg              <dbl> 154, -156, -156, -266, 0, -99, 0, ~
## $ oty_annual_avg_emplvl_pct_chg          <dbl> 0.0, -1.7, -1.7, -6.7, 0.0, -3.8, ~
## $ oty_total_annual_wages_chg             <dbl> 503333457, 1474512, 1474512, -1422~
## $ oty_total_annual_wages_pct_chg         <dbl> 3.6, 0.4, 0.4, -9.3, 3.7, 2.4, 19.~
## $ oty_taxable_annual_wages_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg           <dbl> 18, 16, 16, -20, 62, 41, 70, 37, -~
## $ oty_annual_avg_wkly_wage_pct_chg       <dbl> 3.4, 2.2, 2.2, -2.7, 6.9, 6.3, 9.5~
## $ oty_avg_annual_pay_chg                 <dbl> 970, 805, 805, -1077, 3252, 2152, ~
## $ oty_avg_annual_pay_pct_chg             <dbl> 3.6, 2.2, 2.2, -2.8, 7.0, 6.4, 9.5~
## Fips loop: 2.882 sec elapsed
## [1] "'Middle' loop with FIPS = 55083"

## Rows: 149 Columns: 43

## -- Column specification ----------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 149
## Columns: 43
## $ area_fips                        <dbl> 55083, 55083, 55083, 55083, 55083,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Oconto County, Wisconsin", "Ocont~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 702, 13, 12, 9, 1, 2, 9, 9, 9, 9, ~
## $ annual_avg_emplvl                <dbl> 8154, 118, 85, 70, 6, 10, 70, 70, ~
## $ total_annual_wages               <dbl> 148747789, 2930295, 2212666, 18104~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 351, 479, 499, 500, 494, 498, 500,~
## $ avg_annual_pay                   <dbl> 18243, 24921, 25955, 25988, 25706,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 2.60, 2.41, 4.89, 5.79, 0.75~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.57, 0.42, 1.04, 3.12, 0.10~
## $ lq_total_annual_wages            <dbl> 1.00, 0.57, 0.44, 1.17, 2.59, 0.09~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.00, 1.04, 1.13, 0.82, 0.99~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.00, 1.05, 1.13, 0.82, 0.99~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, "N", NA, NA, NA, N~
## $ oty_annual_avg_estabs_count_chg  <dbl> 26, 3, 2, 0, 0, 1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.8, 30.0, 20.0, 0.0, 0.0, 100.0, ~
## $ oty_annual_avg_emplvl_chg        <dbl> 199, 43, 10, 2, 0, 3, 2, 2, 2, 2, ~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 2.5, 57.3, 13.3, 2.9, 0.0, 42.9, 2~
## $ oty_total_annual_wages_chg       <dbl> 3745566, 943413, 225784, -1203, 0,~
## $ oty_total_annual_wages_pct_chg   <dbl> 2.6, 47.5, 11.4, -0.1, 0.0, 40.3, ~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 0, -32, -12, -14, 0, 22, -14, -14,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 0.0, -6.3, -2.3, -2.7, 0.0, 4.6, -~
## $ oty_avg_annual_pay_chg           <dbl> 15, -1630, -596, -753, 0, 1140, -7~
## $ oty_avg_annual_pay_pct_chg       <dbl> 0.1, -6.1, -2.2, -2.8, 0.0, 4.6, -~
## Fips loop: 0.601 sec elapsed
## [1] "'Middle' loop with FIPS = 55089"

## Rows: 365 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 365
## Columns: 43
## $ area_fips                        <dbl> 55089, 55089, 55089, 55089, 55089,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Ozaukee County, Wisconsin", "Ozau~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 2341, 12, 12, 8, 4, 8, 8, 8, 8, 8,~
## $ annual_avg_emplvl                <dbl> 34452, 166, 166, 159, 7, 159, 159,~
## $ total_annual_wages               <dbl> 904206585, 5705911, 5705911, 55421~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 505, 663, 663, 670, 484, 670, 670,~
## $ avg_annual_pay                   <dbl> 26246, 34459, 34459, 34838, 25188,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.72, 0.72, 1.30, 0.45, 1.34~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.19, 0.19, 0.56, 0.02, 0.61~
## $ lq_total_annual_wages            <dbl> 1.00, 0.18, 0.19, 0.59, 0.01, 0.62~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 0.96, 0.96, 1.05, 0.67, 1.03~
## $ lq_avg_annual_pay                <dbl> 1.00, 0.96, 0.97, 1.05, 0.67, 1.03~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 140, 2, 2, 0, 2, 0, 0, 0, 0, 0, 2,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 6.4, 20.0, 20.0, 0.0, 100.0, 0.0, ~
## $ oty_annual_avg_emplvl_chg        <dbl> 2112, 5, 5, 4, 2, 4, 4, 4, 4, 4, 2~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 6.5, 3.1, 3.1, 2.6, 40.0, 2.6, 2.6~
## $ oty_total_annual_wages_chg       <dbl> 79876392, -96433, -96433, -148686,~
## $ oty_total_annual_wages_pct_chg   <dbl> 9.7, -1.7, -1.7, -2.6, 46.9, -2.6,~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 15, -32, -32, -35, 82, -35, -35, -~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.1, -4.6, -4.6, -5.0, 20.4, -5.0,~
## $ oty_avg_annual_pay_chg           <dbl> 757, -1693, -1693, -1838, 4288, -1~
## $ oty_avg_annual_pay_pct_chg       <dbl> 3.0, -4.7, -4.7, -5.0, 20.5, -5.0,~
## Fips loop: 1.156 sec elapsed
## [1] "'Middle' loop with FIPS = 55101"
```

```
## Rows: 519 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 519
## Columns: 43
## $ area_fips                      <dbl> 55101, 55101, 55101, 55101, 55101,~
## $ own_code                       <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                  <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                    <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Racine County, Wisconsin", "Racin~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 3995, 20, 20, 11, 9, 11, 11, 11, 1~
## $ annual_avg_emplvl              <dbl> 77721, 414, 414, 345, 70, 345, 345~
## $ total_annual_wages             <dbl> 2088963082, 14717841, 14717841, 12~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 517, 683, 683, 678, 708, 678, 678,~
## $ avg_annual_pay                 <dbl> 26878, 35522, 35522, 35266, 36791,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 0.70, 0.71, 1.05, 0.59, 1.08~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 0.21, 0.21, 0.54, 0.07, 0.58~
## $ lq_total_annual_wages          <dbl> 1.00, 0.20, 0.21, 0.56, 0.07, 0.59~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 0.97, 0.97, 1.04, 0.95, 1.02~
## $ lq_avg_annual_pay              <dbl> 1.00, 0.97, 0.97, 1.04, 0.95, 1.02~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 71, 5, 5, 0, 5, 0, 0, 0, 0, 0, 5, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 1.8, 33.3, 33.3, 0.0, 125.0, 0.0, ~
## $ oty_annual_avg_emplvl_chg      <dbl> 1837, 23, 23, 10, 14, 10, 10, 10, ~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> 2.4, 5.9, 5.9, 3.0, 25.0, 3.0, 3.0~
## $ oty_total_annual_wages_chg     <dbl> 83603501, 494244, 494244, 40574, 4~
## $ oty_total_annual_wages_pct_chg <dbl> 4.2, 3.5, 3.5, 0.3, 21.6, 0.3, 0.3~
## $ oty_taxable_annual_wages_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg   <dbl> 9, -17, -17, -17, -21, -17, -17, -~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 1.8, -2.4, -2.4, -2.4, -2.9, -2.4,~
```

```
## $ oty_avg_annual_pay_chg               <dbl> 451, -879, -879, -887, -1107, -887~
## $ oty_avg_annual_pay_pct_chg           <dbl> 1.7, -2.4, -2.4, -2.5, -2.9, -2.5,~
## Fips loop: 1.578 sec elapsed
## [1] "'Middle' loop with FIPS = 55117"

## Rows: 377 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 377
## Columns: 43
## $ area_fips                           <dbl> 55117, 55117, 55117, 55117, 55117,~
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                       <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                          <chr> "Sheboygan County, Wisconsin", "Sh~
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 2374, 18, 18, 12, 6, 12, 12, 12, 1~
## $ annual_avg_emplvl                   <dbl> 56628, 233, 233, 202, 30, 202, 202~
## $ total_annual_wages                  <dbl> 1409022679, 8061680, 8061680, 7026~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 478, 667, 667, 668, 658, 668, 668,~
## $ avg_annual_pay                      <dbl> 24882, 34661, 34661, 34726, 34229,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 1.07, 1.07, 1.93, 0.66, 1.98~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 0.16, 0.17, 0.43, 0.04, 0.47~
## $ lq_total_annual_wages               <dbl> 1.00, 0.16, 0.17, 0.48, 0.04, 0.51~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 1.02, 1.02, 1.11, 0.96, 1.08~
## $ lq_avg_annual_pay                   <dbl> 1.00, 1.02, 1.02, 1.11, 0.96, 1.08~
## $ oty_disclosure_code                 <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 92, 3, 3, 0, 3, 0, 0, 0, 0, 0, 3, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4, 20, 20, 0, 100, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_emplvl_chg           <dbl> 1866, 8, 8, 3, 4, 3, 3, 3, 3, 3, 4~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 3.4, 3.6, 3.6, 1.5, 15.4, 1.5, 1.5~
## $ oty_total_annual_wages_chg          <dbl> 72054863, 292228, 292228, 101585, ~
## $ oty_total_annual_wages_pct_chg      <dbl> 5.4, 3.8, 3.8, 1.5, 22.6, 1.5, 1.5~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 8, 4, 4, 0, 35, 0, 0, 0, 0, 0, 35,~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 1.7, 0.6, 0.6, 0.0, 5.6, 0.0, 0.0,~
## $ oty_avg_annual_pay_chg                <dbl> 468, 181, 181, -28, 1841, -28, -28~
## $ oty_avg_annual_pay_pct_chg            <dbl> 1.9, 0.5, 0.5, -0.1, 5.7, -0.1, -0~
## Fips loop: 1.195 sec elapsed
## [1] "'Middle' loop with FIPS = 60010"
## [1] "No data for FIPS = 60010"
## Fips loop: 0.014 sec elapsed
## [1] "'Middle' loop with FIPS = 60020"
## [1] "No data for FIPS = 60020"
## Fips loop: 0.009 sec elapsed
## [1] "'Middle' loop with FIPS = 60050"
## [1] "No data for FIPS = 60050"
## Fips loop: 0.015 sec elapsed
## [1] "'Middle' loop with FIPS = 66010"
## [1] "No data for FIPS = 66010"
## Fips loop: 0.011 sec elapsed
## [1] "'Middle' loop with FIPS = 69085"
## [1] "No data for FIPS = 69085"
## Fips loop: 0.01 sec elapsed
## [1] "'Middle' loop with FIPS = 69100"
## [1] "No data for FIPS = 69100"
## Fips loop: 0.009 sec elapsed
## [1] "'Middle' loop with FIPS = 69110"
## [1] "No data for FIPS = 69110"
## Fips loop: 0.017 sec elapsed
## [1] "'Middle' loop with FIPS = 69120"
## [1] "No data for FIPS = 69120"
## Fips loop: 0.011 sec elapsed
## [1] "'Middle' loop with FIPS = 72003"

## Rows: 86 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 86
## Columns: 43
## $ area_fips                    <dbl> 72003, 72003, 72003, 72003, 72003,~
## $ own_code                     <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                  <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                         <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                          <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                   <chr> "Aguada Municipio, Puerto Rico", "~
```

```
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 346, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1,~
## $ annual_avg_emplvl                 <dbl> 5533, 11, 11, 11, 0, 11, 11, 11, 1~
## $ total_annual_wages                <dbl> 69526490, 388320, 388320, 388320, ~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 242, 711, 711, 711, 0, 711, 711, 7~
## $ avg_annual_pay                    <dbl> 12565, 36983, 36983, 36983, 0, 369~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.81, 0.82, 1.10, 0.76, 1.13~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.08, 0.08, 0.24, 0.00, 0.26~
## $ lq_total_annual_wages             <dbl> 1.00, 0.16, 0.16, 0.54, 0.00, 0.57~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 2.16, 2.16, 2.33, 0.00, 2.28~
## $ lq_avg_annual_pay                 <dbl> 1.00, 2.16, 2.16, 2.34, 0.00, 2.28~
## $ oty_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 24, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 7.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> 411, 1, 1, 1, -1, 1, 1, 1, 1, 1, -~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 8.0, 10.0, 10.0, 10.0, -100.0, 10.~
## $ oty_total_annual_wages_chg        <dbl> 7305068, 13465, 13465, 30158, -166~
## $ oty_total_annual_wages_pct_chg    <dbl> 11.7, 3.6, 3.6, 8.4, -100.0, 8.4, ~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 8, 19, 19, 16, -642, 16, 16, 16, 1~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.4, 2.7, 2.7, 2.3, -100.0, 2.3, 2~
## $ oty_avg_annual_pay_chg            <dbl> 417, 997, 997, 866, -33386, 866, 8~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.4, 2.8, 2.8, 2.4, -100.0, 2.4, 2~
## Fips loop: 0.401 sec elapsed
## [1] "'Middle' loop with FIPS = 72005"

## Rows: 146 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 146
## Columns: 43
## $ area_fips                         <dbl> 72005, 72005, 72005, 72005, 72005,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                          <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                           <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                    <chr> "Aguadilla Municipio, Puerto Rico"~
## $ own_title                     <chr> "Total Covered", "Federal Governme~
## $ industry_title                <chr> "Total, all industries", "Total, a~
## $ agglvl_title                  <chr> "County, Total Covered", "County, ~
## $ size_title                    <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count       <dbl> 701, 8, 8, 2, 5, 2, 2, 2, 2, 2, 5,~
## $ annual_avg_emplvl             <dbl> 14279, 86, 86, 47, 35, 47, 47, 47,~
## $ total_annual_wages            <dbl> 195638866, 3155636, 3155636, 17102~
## $ taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage          <dbl> 263, 702, 702, 706, 713, 706, 706,~
## $ avg_annual_pay                <dbl> 13702, 36517, 36517, 36714, 37099,~
## $ lq_disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count    <dbl> 1.00, 1.60, 1.61, 1.09, 1.87, 1.12~
## $ lq_annual_avg_emplvl          <dbl> 1.00, 0.24, 0.24, 0.40, 0.19, 0.43~
## $ lq_total_annual_wages         <dbl> 1.00, 0.46, 0.48, 0.84, 0.36, 0.89~
## $ lq_taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage       <dbl> 1.00, 1.96, 1.96, 2.13, 1.88, 2.08~
## $ lq_avg_annual_pay             <dbl> 1.00, 1.96, 1.96, 2.13, 1.88, 2.08~
## $ oty_disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 16, -1, -1, 0, -1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.3, -11.1, -11.1, 0.0, -16.7, 0.0~
## $ oty_annual_avg_emplvl_chg     <dbl> 188, -2, -2, 3, -2, 3, 3, 3, 3, 3,~
## $ oty_annual_avg_emplvl_pct_chg <dbl> 1.3, -2.3, -2.3, 6.8, -5.4, 6.8, 6~
## $ oty_total_annual_wages_chg    <dbl> 9407471, 28972, 28972, 83228, 1000~
## $ oty_total_annual_wages_pct_chg <dbl> 5.1, 0.9, 0.9, 5.1, 0.8, 5.1, 5.1,~
## $ oty_taxable_annual_wages_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg  <dbl> 9, 15, 15, -8, 39, -8, -8, -8, -8,~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.5, 2.2, 2.2, -1.1, 5.8, -1.1, -1~
## $ oty_avg_annual_pay_chg        <dbl> 486, 818, 818, -405, 2048, -405, -~
## $ oty_avg_annual_pay_pct_chg    <dbl> 3.7, 2.3, 2.3, -1.1, 5.8, -1.1, -1~
## Fips loop: 0.591 sec elapsed
## [1] "'Middle' loop with FIPS = 72011"

## Rows: 38 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 38
## Columns: 43
## $ area_fips                     <dbl> 72011, 72011, 72011, 72011, 72011,~
```

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```
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5~
## $ industry_code                     <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Anasco Municipio, Puerto Rico", "~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 213, 1, 1, 1, 1, 1, 1, 1, 1, 8, 8,~
## $ annual_avg_emplvl                 <dbl> 4887, 7, 7, 7, 7, 7, 7, 7, 7, 293,~
## $ total_annual_wages                <dbl> 71948289, 261019, 261019, 261019, ~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 283, 772, 772, 772, 772, 772, 772,~
## $ avg_annual_pay                    <dbl> 14723, 40157, 40157, 40157, 40157,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.66, 0.66, 1.79, 1.84, 1.87~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.06, 0.06, 0.17, 0.19, 0.19~
## $ lq_total_annual_wages             <dbl> 1.00, 0.10, 0.11, 0.35, 0.37, 0.39~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 2.00, 2.00, 2.17, 2.11, 2.16~
## $ lq_avg_annual_pay                 <dbl> 1.00, 2.00, 2.00, 2.17, 2.12, 2.16~
## $ oty_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 10, -1, -1, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.9, -50.0, -50.0, 0.0, 0.0, 0.0, ~
## $ oty_annual_avg_emplvl_chg         <dbl> 455, 0, 0, 0, 0, 0, 0, 0, 0, -1, -~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 10.3, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_total_annual_wages_chg        <dbl> 7609379, -22543, -22543, -22543, -~
## $ oty_total_annual_wages_pct_chg    <dbl> 11.8, -7.9, -7.9, -7.9, -7.9, -7.9~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 4, 20, 20, 20, 20, 20, 20, 20, 20,~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 1.4, 2.7, 2.7, 2.7, 2.7, 2.7, 2.7~
## $ oty_avg_annual_pay_chg            <dbl> 206, 1045, 1045, 1045, 1045, 1045,~
## $ oty_avg_annual_pay_pct_chg        <dbl> 1.4, 2.7, 2.7, 2.7, 2.7, 2.7, 2.7,~
## Fips loop: 0.388 sec elapsed
## [1] "'Middle' loop with FIPS = 72013"

## Rows: 178 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 178
## Columns: 43
## $ area_fips                         <dbl> 72013, 72013, 72013, 72013, 72013,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                     <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Arecibo Municipio, Puerto Rico", ~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 1153, 7, 7, 2, 4, 2, 2, 2, 2, 2, 4~
## $ annual_avg_emplvl                 <dbl> 22031, 89, 89, 66, 19, 66, 66, 66,~
## $ total_annual_wages                <dbl> 307223486, 3437287, 3437287, 24992~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 268, 746, 746, 731, 823, 731, 731,~
## $ avg_annual_pay                    <dbl> 13945, 38803, 38803, 38011, 42801,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.85, 0.86, 0.66, 0.91, 0.68~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.16, 0.16, 0.36, 0.07, 0.39~
## $ lq_total_annual_wages             <dbl> 1.00, 0.32, 0.33, 0.78, 0.14, 0.83~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 2.04, 2.04, 2.17, 2.13, 2.11~
## $ lq_avg_annual_pay                 <dbl> 1.00, 2.04, 2.05, 2.17, 2.13, 2.11~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 42, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.8, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> 728, -5, -5, 3, -7, 3, 3, 3, 3, 3,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 3.4, -5.3, -5.3, 4.8, -26.9, 4.8, ~
## $ oty_total_annual_wages_chg        <dbl> 20325913, -105417, -105417, 76537,~
## $ oty_total_annual_wages_pct_chg    <dbl> 7.1, -3.0, -3.0, 3.2, -15.1, 3.2, ~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 9, 23, 23, -4, 108, -4, -4, -4, -4~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 3.5, 3.2, 3.2, -0.5, 15.1, -0.5, -~
## $ oty_avg_annual_pay_chg            <dbl> 478, 1181, 1181, -192, 5623, -192,~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.5, 3.1, 3.1, -0.5, 15.1, -0.5, -~
## Fips loop: 0.795 sec elapsed
## [1] "'Middle' loop with FIPS = 72015"

## Rows: 23 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

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```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 23
## Columns: 43
## $ area_fips                        <dbl> 72015, 72015, 72015, 72015, 72015,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5~
## $ industry_code                    <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Arroyo Municipio, Puerto Rico", "~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 111, 1, 1, 1, 1, 1, 1, 1, 1, 10, 1~
## $ annual_avg_emplvl                <dbl> 2003, 8, 8, 8, 8, 8, 8, 8, 8, 382,~
## $ total_annual_wages               <dbl> 26927386, 287048, 287048, 287048, ~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 258, 720, 720, 720, 720, 720, 720,~
## $ avg_annual_pay                   <dbl> 13441, 37441, 37441, 37441, 37441,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 1.27, 1.27, 3.43, 3.52, 3.59~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.16, 0.16, 0.48, 0.52, 0.54~
## $ lq_total_annual_wages            <dbl> 1.00, 0.31, 0.31, 1.02, 1.08, 1.15~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 2.05, 2.05, 2.22, 2.16, 2.21~
## $ lq_avg_annual_pay                <dbl> 1.00, 2.05, 2.05, 2.21, 2.16, 2.20~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.9, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 30, 0, 0, 0, 0, 0, 0, 0, 0, -13, -~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 1.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_total_annual_wages_chg       <dbl> 1805953, -23201, -23201, -23201, -~
## $ oty_total_annual_wages_pct_chg   <dbl> 7.2, -7.5, -7.5, -7.5, -7.5, -7.5,~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 13, -18, -18, -18, -18, -18, -18, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 5.3, -2.4, -2.4, -2.4, -2.4, -2.4,~
## $ oty_avg_annual_pay_chg           <dbl> 711, -940, -940, -940, -940, -940,~
## $ oty_avg_annual_pay_pct_chg       <dbl> 5.6, -2.4, -2.4, -2.4, -2.4, -2.4,~
## Fips loop: 0.286 sec elapsed
## [1] "'Middle' loop with FIPS = 72017"
```

```
## Rows: 40 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 40
## Columns: 43
## $ area_fips                        <dbl> 72017, 72017, 72017, 72017, 72017,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5~
## $ industry_code                    <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Barceloneta Municipio, Puerto Ric~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 167, 2, 2, 1, 1, 1, 1, 1, 1, 9, 9,~
## $ annual_avg_emplvl                <dbl> 10702, 11, 11, 11, 11, 11, 11, 11,~
## $ total_annual_wages               <dbl> 262192881, 423109, 423109, 423109,~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 471, 775, 775, 775, 775, 775, 775,~
## $ avg_annual_pay                   <dbl> 24499, 40296, 40296, 40296, 40296,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 1.68, 1.69, 2.28, 2.34, 2.39~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.04, 0.04, 0.12, 0.13, 0.14~
## $ lq_total_annual_wages            <dbl> 1.00, 0.05, 0.05, 0.16, 0.16, 0.17~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.21, 1.21, 1.31, 1.28, 1.30~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.21, 1.21, 1.31, 1.28, 1.30~
## $ oty_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 8, 0, 0, 0, 0, 0, 0, 0, 0, -1, -1,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 1280, 0, 0, 0, 0, 0, 0, 0, 0, 55, ~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 13.6, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_total_annual_wages_chg       <dbl> 20334777, 13247, 13247, 23435, 234~
## $ oty_total_annual_wages_pct_chg   <dbl> 8.4, 3.2, 3.2, 5.9, 5.9, 5.9, 5.9,~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> -23, 64, 64, 60, 60, 60, 60, 60, 6~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> -4.7, 9.0, 9.0, 8.4, 8.4, 8.4, 8.4~
```

```
## $ oty_avg_annual_pay_chg              <dbl> -1172, 3316, 3316, 3117, 3117, 311~
## $ oty_avg_annual_pay_pct_chg          <dbl> -4.6, 9.0, 9.0, 8.4, 8.4, 8.4, 8.4~
## Fips loop: 0.288 sec elapsed
## [1] "'Middle' loop with FIPS = 72021"

## Rows: 364 Columns: 43

## -- Column specification ----------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 364
## Columns: 43
## $ area_fips                           <dbl> 72021, 72021, 72021, 72021, 72021,~
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                       <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                          <chr> "Bayamon Municipio, Puerto Rico", ~
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 2861, 7, 7, 1, 1, 5, 1, 1, 1, 1, 1~
## $ annual_avg_emplvl                   <dbl> 53879, 77, 77, 38, 5, 34, 38, 38, ~
## $ total_annual_wages                  <dbl> 715103997, 2675383, 2675383, 14518~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 255, 666, 666, 727, 588, 609, 727,~
## $ avg_annual_pay                      <dbl> 13273, 34633, 34633, 37792, 30570,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 0.34, 0.35, 0.13, 1.42, 0.46~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 0.06, 0.06, 0.09, 0.39, 0.05~
## $ lq_total_annual_wages               <dbl> 1.00, 0.11, 0.11, 0.20, 0.54, 0.08~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 1.92, 1.92, 2.26, 1.34, 1.66~
## $ lq_avg_annual_pay                   <dbl> 1.00, 1.92, 1.92, 2.26, 1.34, 1.66~
## $ oty_disclosure_code                 <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 89, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.2, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg           <dbl> 3560, -1, -1, 0, 0, -1, 0, 0, 0, 0~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 7.1, -1.3, -1.3, 0.0, 0.0, -2.9, 0~
## $ oty_total_annual_wages_chg          <dbl> 53377298, -71374, -71374, 91070, 5~
## $ oty_total_annual_wages_pct_chg      <dbl> 8.1, -2.6, -2.6, 6.7, 3.9, -13.6, ~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 2, -11, -11, 31, 22, -64, 31, 31, ~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 0.8, -1.6, -1.6, 4.5, 3.9, -9.5, 4~
## $ oty_avg_annual_pay_chg                <dbl> 122, -582, -582, 1585, 1145, -3355~
## $ oty_avg_annual_pay_pct_chg            <dbl> 0.9, -1.7, -1.7, 4.4, 3.9, -9.6, 4~
## Fips loop: 1.261 sec elapsed
## [1] "'Middle' loop with FIPS = 72023"

## Rows: 93 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 93
## Columns: 43
## $ area_fips                          <dbl> 72023, 72023, 72023, 72023, 72023,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Cabo Rojo Municipio, Puerto Rico"~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 471, 3, 3, 1, 2, 1, 1, 1, 1, 1, 2,~
## $ annual_avg_emplvl                  <dbl> 4367, 38, 38, 19, 19, 19, 19, 19, ~
## $ total_annual_wages                 <dbl> 47420413, 1427010, 1427010, 747640~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 209, 724, 724, 753, 694, 753, 753,~
## $ avg_annual_pay                     <dbl> 10860, 37635, 37635, 39178, 36073,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 0.90, 0.90, 0.81, 1.11, 0.83~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.34, 0.35, 0.53, 0.34, 0.57~
## $ lq_total_annual_wages              <dbl> 1.00, 0.86, 0.89, 1.52, 0.77, 1.60~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 2.54, 2.54, 2.86, 2.31, 2.79~
## $ lq_avg_annual_pay                  <dbl> 1.00, 2.55, 2.55, 2.87, 2.31, 2.80~
## $ oty_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 11, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.4, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg          <dbl> 238, -1, -1, -1, 0, -1, -1, -1, -1~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 5.8, -2.6, -2.6, -5.0, 0.0, -5.0, ~
```

```
## $ oty_total_annual_wages_chg           <dbl> 5312894, 46166, 46166, 28457, 1770~
## $ oty_total_annual_wages_pct_chg       <dbl> 12.6, 3.3, 3.3, 4.0, 2.7, 4.0, 4.0~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 13, 45, 45, 53, 36, 53, 53, 53, 53~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 6.6, 6.6, 6.6, 7.6, 5.5, 7.6, 7.6,~
## $ oty_avg_annual_pay_chg               <dbl> 663, 2304, 2304, 2764, 1849, 2764,~
## $ oty_avg_annual_pay_pct_chg           <dbl> 6.5, 6.5, 6.5, 7.6, 5.4, 7.6, 7.6,~
## Fips loop: 0.422 sec elapsed
## [1] "'Middle' loop with FIPS = 72027"

## Rows: 60 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 60
## Columns: 43
## $ area_fips                  <dbl> 72027, 72027, 72027, 72027, 72027,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Camuy Municipio, Puerto Rico", "C~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count    <dbl> 267, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1,~
## $ annual_avg_emplvl          <dbl> 7088, 14, 14, 8, 5, 8, 8, 8, 8, 8,~
## $ total_annual_wages         <dbl> 89656867, 484876, 484876, 312050, ~
## $ taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage       <dbl> 243, 691, 691, 727, 633, 727, 727,~
## $ avg_annual_pay             <dbl> 12648, 35917, 35917, 37824, 32919,~
## $ lq_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 1.05, 1.06, 1.43, 15.23, 1.4~
## $ lq_annual_avg_emplvl       <dbl> 1.00, 0.08, 0.08, 0.14, 2.99, 0.15~
## $ lq_total_annual_wages      <dbl> 1.00, 0.16, 0.16, 0.33, 4.75, 0.35~
## $ lq_taxable_annual_wages    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage    <dbl> 1.00, 2.09, 2.09, 2.38, 1.52, 2.32~
## $ lq_avg_annual_pay          <dbl> 1.00, 2.09, 2.09, 2.38, 1.52, 2.32~
## $ oty_disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg     <dbl> 10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.9, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg           <dbl> 343, 0, 0, 0, -2, 0, 0, 0, 0, 0, -~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 5.1, 0.0, 0.0, 0.0, -28.6, 0.0, 0.~
## $ oty_total_annual_wages_chg          <dbl> 8090815, 55012, 55012, 35577, 1943~
## $ oty_total_annual_wages_pct_chg      <dbl> 9.9, 12.8, 12.8, 12.9, 12.7, 12.9,~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 10, 111, 111, 41, 179, 41, 41, 41,~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 4.3, 19.1, 19.1, 6.0, 39.4, 6.0, 6~
## $ oty_avg_annual_pay_chg              <dbl> 554, 5751, 5751, 2150, 9320, 2150,~
## $ oty_avg_annual_pay_pct_chg          <dbl> 4.6, 19.1, 19.1, 6.0, 39.5, 6.0, 6~
## Fips loop: 0.37 sec elapsed
## [1] "'Middle' loop with FIPS = 72031"

## Rows: 280 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 280
## Columns: 43
## $ area_fips                  <dbl> 72031, 72031, 72031, 72031, 72031,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code              <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Carolina Municipio, Puerto Rico",~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count    <dbl> 1857, 7, 7, 1, 1, 5, 1, 1, 1, 1, 1~
## $ annual_avg_emplvl          <dbl> 43680, 523, 523, 152, 29, 341, 152~
## $ total_annual_wages         <dbl> 745141643, 16372617, 16372617, 562~
## $ taxable_annual_wages       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage       <dbl> 328, 603, 603, 711, 969, 523, 711,~
## $ avg_annual_pay             <dbl> 17059, 31335, 31335, 36981, 50375,~
## $ lq_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 0.53, 0.53, 0.21, 3.20, 0.71~
## $ lq_annual_avg_emplvl       <dbl> 1.00, 0.47, 0.48, 0.42, 1.20, 0.61~
## $ lq_total_annual_wages      <dbl> 1.00, 0.63, 0.65, 0.73, 2.74, 0.67~
## $ lq_taxable_annual_wages    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.35, 1.35, 1.72, 2.26, 1.11~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.35, 1.35, 1.72, 2.26, 1.11~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 74, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.2, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> 1311, 24, 24, 12, -1, 13, 12, 12, ~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 3.1, 4.8, 4.8, 8.6, -3.3, 4.0, 8.6~
## $ oty_total_annual_wages_chg        <dbl> 28812228, 470304, 470304, -71613, ~
## $ oty_total_annual_wages_pct_chg    <dbl> 4.0, 3.0, 3.0, -1.3, 5.7, 5.2, -1.~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 3, -10, -10, -69, 73, 7, -69, -69,~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 0.9, -1.6, -1.6, -8.8, 8.1, 1.4, -~
## $ oty_avg_annual_pay_chg            <dbl> 152, -565, -565, -3585, 3775, 332,~
## $ oty_avg_annual_pay_pct_chg        <dbl> 0.9, -1.8, -1.8, -8.8, 8.1, 1.2, -~
## Fips loop: 0.933 sec elapsed
## [1] "'Middle' loop with FIPS = 72033"

## Rows: 43 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 43
## Columns: 43
## $ area_fips                <dbl> 72033, 72033, 72033, 72033, 72033,~
## $ own_code                 <dbl> 0, 2, 2, 5, 5, 5, 5, 5, 5, 5, 5, 5~
## $ industry_code            <chr> "10", "1028", "92", "10", "101", "~
## $ agglvl_code              <dbl> 70, 73, 74, 71, 72, 73, 73, 72, 73~
## $ size_code                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                     <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                      <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title               <chr> "Catano Municipio, Puerto Rico", "~
## $ own_title                <chr> "Total Covered", "State Government~
## $ industry_title           <chr> "Total, all industries", "Public a~
## $ agglvl_title             <chr> "County, Total Covered", "County, ~
## $ size_title               <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count  <dbl> 338, 9, 9, 323, 65, 16, 50, 258, 1~
## $ annual_avg_emplvl        <dbl> 10568, 443, 443, 8592, 2632, 324, ~
## $ total_annual_wages       <dbl> 201220178, 4973269, 4973269, 16949~
## $ taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage     <dbl> 366, 216, 216, 379, 404, 220, 430,~
## $ avg_annual_pay           <dbl> 19040, 11239, 11239, 19728, 20998,~
## $ lq_disclosure_code       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

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```
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 4.36, 4.36, 0.99, 1.10, 0.48~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 2.73, 2.73, 0.97, 1.19, 0.68~
## $ lq_total_annual_wages             <dbl> 1.00, 1.43, 1.43, 1.02, 1.16, 0.40~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 0.52, 0.52, 1.05, 0.98, 0.58~
## $ lq_avg_annual_pay                 <dbl> 1.00, 0.53, 0.53, 1.05, 0.97, 0.58~
## $ oty_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 1, 1, 1, 1, -2, -3, 2, 3, 0, -1, 2~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.3, 12.5, 12.5, 0.3, -3.0, -15.8,~
## $ oty_annual_avg_emplvl_chg         <dbl> 389, 16, 16, 332, 71, -45, 117, 26~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 3.8, 3.7, 3.7, 4.0, 2.8, -12.2, 5.~
## $ oty_total_annual_wages_chg        <dbl> 11730012, 576459, 576459, 11013322~
## $ oty_total_annual_wages_pct_chg    <dbl> 6.2, 13.1, 13.1, 6.9, 5.3, -13.0, ~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 8, 18, 18, 10, 10, -2, 7, 11, 10, ~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 2.2, 9.1, 9.1, 2.7, 2.5, -0.9, 1.7~
## $ oty_avg_annual_pay_chg            <dbl> 423, 942, 942, 541, 504, -111, 341~
## $ oty_avg_annual_pay_pct_chg        <dbl> 2.3, 9.1, 9.1, 2.8, 2.5, -1.0, 1.6~
## Fips loop: 0.334 sec elapsed
## [1] "'Middle' loop with FIPS = 72037"

## Rows: 41 Columns: 43

## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 41
## Columns: 43
## $ area_fips                 <dbl> 72037, 72037, 72037, 72037, 72037,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Ceiba Municipio, Puerto Rico", "C~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 95, 5, 5, 2, 3, 1, 1, 1, 1, 1, 1, ~
## $ annual_avg_emplvl         <dbl> 3296, 1455, 1455, 478, 978, 467, 4~
## $ total_annual_wages        <dbl> 65643113, 34476290, 34476290, 2900~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 383, 456, 456, 117, 621, 102, 102,~
## $ avg_annual_pay                     <dbl> 19919, 23690, 23690, 6071, 32300, ~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 7.40, 7.43, 8.03, 8.29, 287.~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 17.25, 17.71, 17.54, 23.07, ~
## $ lq_total_annual_wages              <dbl> 1.00, 15.07, 15.49, 4.25, 26.00, 1~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 0.87, 0.87, 0.24, 1.13, 0.41~
## $ lq_avg_annual_pay                  <dbl> 1.00, 0.87, 0.87, 0.24, 1.13, 0.42~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 0, -1, -1, 0, -1, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.0, -16.7, -16.7, 0.0, -25.0, 0.0~
## $ oty_annual_avg_emplvl_chg          <dbl> -127, -6, -6, -31, 27, -33, -33, -~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> -3.7, -0.4, -0.4, -6.1, 2.8, -6.6,~
## $ oty_total_annual_wages_chg         <dbl> -1839791, 1002468, 1002468, -62208~
## $ oty_total_annual_wages_pct_chg     <dbl> -2.7, 3.0, 3.0, -2.1, 3.5, -3.9, -~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 4, 15, 15, 5, 4, 2, 2, 2, 2, 2, 10~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 1.1, 3.4, 3.4, 4.5, 0.6, 2.0, 2.0,~
## $ oty_avg_annual_pay_chg             <dbl> 204, 774, 774, 254, 231, 146, 146,~
## $ oty_avg_annual_pay_pct_chg         <dbl> 1.0, 3.4, 3.4, 4.4, 0.7, 2.8, 2.8,~
## Fips loop: 0.269 sec elapsed
## [1] "'Middle' loop with FIPS = 72049"

## Rows: 18 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 18
## Columns: 43
## $ area_fips               <dbl> 72049, 72049, 72049, 72049, 72049,~
## $ own_code                <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code           <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code             <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                    <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                     <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title              <chr> "Culebra Municipio, Puerto Rico", ~
## $ own_title               <chr> "Total Covered", "Federal Governme~
## $ industry_title          <chr> "Total, all industries", "Total, a~
## $ agglvl_title            <chr> "County, Total Covered", "County, ~
## $ size_title              <chr> "All establishment sizes", "All es~
```

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```
## $ annual_avg_estabs_count              <dbl> 31, 3, 3, 1, 2, 1, 1, 1, 1, 1, 2, ~
## $ annual_avg_emplvl                    <dbl> 431, 5, 5, 3, 2, 3, 3, 3, 3, 3, 2,~
## $ total_annual_wages                   <dbl> 5906602, 159454, 159454, 103878, 5~
## $ taxable_annual_wages                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                 <dbl> 264, 613, 613, 666, 534, 666, 666,~
## $ avg_annual_pay                       <dbl> 13704, 31891, 31891, 34626, 27788,~
## $ lq_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count           <dbl> 1.00, 13.61, 13.67, 12.30, 16.93, ~
## $ lq_annual_avg_emplvl                 <dbl> 1.00, 0.45, 0.47, 0.84, 0.36, 0.91~
## $ lq_total_annual_wages                <dbl> 1.00, 0.77, 0.80, 1.69, 0.51, 1.79~
## $ lq_taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 1.71, 1.71, 2.00, 1.41, 1.96~
## $ lq_avg_annual_pay                    <dbl> 1.00, 1.71, 1.71, 2.01, 1.41, 1.96~
## $ oty_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_emplvl_chg            <dbl> -6, -3, -3, 0, -3, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> -1.4, -37.5, -37.5, 0.0, -60.0, 0.~
## $ oty_total_annual_wages_chg           <dbl> -243547, -48014, -48014, -1591, -4~
## $ oty_total_annual_wages_pct_chg       <dbl> -4.0, -23.1, -23.1, -1.5, -45.5, -~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> -7, 129, 129, -10, 160, -10, -10, ~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> -2.6, 26.7, 26.7, -1.5, 42.8, -1.5~
## $ oty_avg_annual_pay_chg               <dbl> -370, 6743, 6743, -530, 8360, -530~
## $ oty_avg_annual_pay_pct_chg           <dbl> -2.6, 26.8, 26.8, -1.5, 43.0, -1.5~
## Fips loop: 0.224 sec elapsed
## [1] "'Middle' loop with FIPS = 72051"

## Rows: 64 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 64
## Columns: 43
## $ area_fips                            <dbl> 72051, 72051, 72051, 72051, 72051,~
## $ own_code                             <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                        <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                          <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                 <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                  <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                      <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                           <chr> "Dorado Municipio, Puerto Rico", "~
```

```
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 262, 3, 3, 1, 2, 1, 1, 1, 1, 1, 2,~
## $ annual_avg_emplvl                   <dbl> 6830, 19, 19, 16, 4, 16, 16, 16, 1~
## $ total_annual_wages                  <dbl> 113812682, 770679, 770679, 632514,~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 320, 770, 770, 776, 741, 776, 776,~
## $ avg_annual_pay                      <dbl> 16664, 40035, 40035, 40373, 38558,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 1.61, 1.62, 1.46, 2.00, 1.49~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 0.11, 0.11, 0.28, 0.05, 0.31~
## $ lq_total_annual_wages               <dbl> 1.00, 0.19, 0.20, 0.53, 0.07, 0.57~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 1.77, 1.77, 1.93, 1.61, 1.88~
## $ lq_avg_annual_pay                   <dbl> 1.00, 1.76, 1.77, 1.93, 1.61, 1.88~
## $ oty_disclosure_code                 <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 13, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.2, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg           <dbl> -1832, -1, -1, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> -21.1, -5.0, -5.0, 0.0, 0.0, 0.0, ~
## $ oty_total_annual_wages_chg          <dbl> -15461400, 59165, 59165, 49455, 97~
## $ oty_total_annual_wages_pct_chg      <dbl> -12.0, 8.3, 8.3, 8.5, 7.6, 8.5, 8.~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 33, 97, 97, 86, 136, 86, 86, 86, 8~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 11.5, 14.4, 14.4, 12.5, 22.5, 12.5~
## $ oty_avg_annual_pay_chg              <dbl> 1740, 5043, 5043, 4492, 7100, 4492~
## $ oty_avg_annual_pay_pct_chg          <dbl> 11.7, 14.4, 14.4, 12.5, 22.6, 12.5~
## Fips loop: 0.362 sec elapsed
## [1] "'Middle' loop with FIPS = 72053"

## Rows: 98 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 98
## Columns: 43
## $ area_fips                           <dbl> 72053, 72053, 72053, 72053, 72053,~
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                       <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Fajardo Municipio, Puerto Rico", ~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 472, 4, 4, 1, 2, 1, 1, 1, 1, 1, 2,~
## $ annual_avg_emplvl                 <dbl> 10385, 50, 50, 29, 17, 29, 29, 29,~
## $ total_annual_wages                <dbl> 159505756, 2005084, 2005084, 11169~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 295, 765, 765, 734, 855, 734, 734,~
## $ avg_annual_pay                    <dbl> 15359, 39770, 39770, 38185, 44481,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 1.19, 1.20, 0.81, 1.11, 0.83~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.19, 0.19, 0.34, 0.13, 0.37~
## $ lq_total_annual_wages             <dbl> 1.00, 0.36, 0.37, 0.67, 0.26, 0.71~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.90, 1.90, 1.98, 2.01, 1.93~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.90, 1.90, 1.98, 2.01, 1.93~
## $ oty_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 13, -1, -1, 0, -1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.8, -20.0, -20.0, 0.0, -33.3, 0.0~
## $ oty_annual_avg_emplvl_chg         <dbl> -101, 1, 1, 2, 0, 2, 2, 2, 2, 2, 0~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> -1.0, 2.0, 2.0, 7.4, 0.0, 7.4, 7.4~
## $ oty_total_annual_wages_chg        <dbl> 3096476, 15053, 15053, 66755, 5422~
## $ oty_total_annual_wages_pct_chg    <dbl> 2.0, 0.8, 0.8, 6.4, 0.7, 6.4, 6.4,~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 8, -9, -9, -12, -20, -12, -12, -12~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 2.8, -1.2, -1.2, -1.6, -2.3, -1.6,~
## $ oty_avg_annual_pay_chg            <dbl> 443, -500, -500, -590, -1019, -590~
## $ oty_avg_annual_pay_pct_chg        <dbl> 3.0, -1.2, -1.2, -1.5, -2.2, -1.5,~
## Fips loop: 0.47 sec elapsed
## [1] "'Middle' loop with FIPS = 72055"

## Rows: 33 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 33
## Columns: 43
## $ area_fips                         <dbl> 72055, 72055, 72055, 72055, 72055,~
```

```
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5~
## $ industry_code                       <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                          <chr> "Guanica Municipio, Puerto Rico", ~
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 115, 3, 3, 2, 2, 2, 2, 2, 2, 10, 1~
## $ annual_avg_emplvl                   <dbl> 1944, 15, 15, 13, 13, 13, 13, 13, ~
## $ total_annual_wages                  <dbl> 23106698, 583555, 583555, 473965, ~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 229, 765, 765, 729, 729, 729, 729,~
## $ avg_annual_pay                      <dbl> 11889, 39788, 39788, 37917, 37917,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 3.67, 3.68, 6.63, 6.80, 6.93~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 0.30, 0.31, 0.81, 0.88, 0.91~
## $ lq_total_annual_wages               <dbl> 1.00, 0.72, 0.74, 1.97, 2.09, 2.21~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 2.45, 2.45, 2.53, 2.47, 2.52~
## $ lq_avg_annual_pay                   <dbl> 1.00, 2.46, 2.46, 2.53, 2.47, 2.52~
## $ oty_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> -3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -2.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg           <dbl> 5, -6, -6, 0, 0, 0, 0, 0, 0, 78, 7~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 0.3, -28.6, -28.6, 0.0, 0.0, 0.0, ~
## $ oty_total_annual_wages_chg          <dbl> 898611, -148344, -148344, -17958, ~
## $ oty_total_annual_wages_pct_chg      <dbl> 4.0, -20.3, -20.3, -3.7, -3.7, -3.~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 9, 92, 92, -28, -28, -28, -28, -28~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 4.1, 13.7, 13.7, -3.7, -3.7, -3.7,~
## $ oty_avg_annual_pay_chg              <dbl> 436, 4797, 4797, -1437, -1437, -14~
## $ oty_avg_annual_pay_pct_chg          <dbl> 3.8, 13.7, 13.7, -3.7, -3.7, -3.7,~
## Fips loop: 0.263 sec elapsed
## [1] "'Middle' loop with FIPS = 72057"

## Rows: 100 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 100
## Columns: 43
## $ area_fips                        <dbl> 72057, 72057, 72057, 72057, 72057,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Guayama Municipio, Puerto Rico", ~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 477, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1,~
## $ annual_avg_emplvl                <dbl> 11641, 30, 30, 25, 4, 2, 25, 25, 2~
## $ total_annual_wages               <dbl> 194415513, 1081106, 1081106, 89608~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 321, 685, 685, 703, 545, 734, 703,~
## $ avg_annual_pay                   <dbl> 16701, 35641, 35641, 36575, 28348,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.88, 0.89, 0.80, 8.53, 0.55~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.10, 0.10, 0.26, 1.46, 0.01~
## $ lq_total_annual_wages            <dbl> 1.00, 0.16, 0.16, 0.44, 1.38, 0.02~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.57, 1.57, 1.74, 0.99, 1.59~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.57, 1.57, 1.74, 0.99, 1.59~
## $ oty_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 36, -1, -1, 0, 0, -1, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 8.2, -25.0, -25.0, 0.0, 0.0, -50.0~
## $ oty_annual_avg_emplvl_chg        <dbl> 611, 0, 0, 2, -1, 0, 2, 2, 2, 2, 2~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 5.5, 0.0, 0.0, 8.7, -20.0, 0.0, 8.~
## $ oty_total_annual_wages_chg       <dbl> 10903095, 49867, 49867, 77663, -31~
## $ oty_total_annual_wages_pct_chg   <dbl> 5.9, 4.8, 4.8, 9.5, -22.3, 4.5, 9.~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 1, 24, 24, 3, 49, 60, 3, 3, 3, 3, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 0.3, 3.6, 3.6, 0.4, 9.9, 8.9, 0.4,~
## $ oty_avg_annual_pay_chg           <dbl> 63, 1266, 1266, 201, 2543, 3120, 2~
## $ oty_avg_annual_pay_pct_chg       <dbl> 0.4, 3.7, 3.7, 0.6, 9.9, 8.9, 0.6,~
## Fips loop: 0.476 sec elapsed
## [1] "'Middle' loop with FIPS = 72059"

## Rows: 29 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 29
## Columns: 43
## $ area_fips                         <dbl> 72059, 72059, 72059, 72059, 72059,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5~
## $ industry_code                     <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Guayanilla Municipio, Puerto Rico~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 145, 1, 1, 1, 1, 1, 1, 1, 1, 8, 8,~
## $ annual_avg_emplvl                 <dbl> 2450, 8, 8, 8, 8, 8, 8, 8, 8, 286,~
## $ total_annual_wages                <dbl> 39638694, 282381, 282381, 282381, ~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 311, 724, 724, 724, 724, 724, 724,~
## $ avg_annual_pay                    <dbl> 16179, 37651, 37651, 37651, 37651,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 0.97, 0.97, 2.63, 2.70, 2.75~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.13, 0.13, 0.39, 0.43, 0.44~
## $ lq_total_annual_wages             <dbl> 1.00, 0.20, 0.21, 0.68, 0.72, 0.77~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 1.71, 1.71, 1.85, 1.80, 1.84~
## $ lq_avg_annual_pay                 <dbl> 1.00, 1.71, 1.71, 1.85, 1.81, 1.84~
## $ oty_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> -3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -2.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg         <dbl> 191, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 8.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_total_annual_wages_chg        <dbl> 3824241, -17848, -17848, -17848, -~
## $ oty_total_annual_wages_pct_chg    <dbl> 10.7, -5.9, -5.9, -5.9, -5.9, -5.9~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 6, -5, -5, -5, -5, -5, -5, -5, -5,~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 2.0, -0.7, -0.7, -0.7, -0.7, -0.7,~
## $ oty_avg_annual_pay_chg            <dbl> 323, -273, -273, -273, -273, -273,~
## $ oty_avg_annual_pay_pct_chg        <dbl> 2.0, -0.7, -0.7, -0.7, -0.7, -0.7,~
## Fips loop: 0.273 sec elapsed
## [1] "'Middle' loop with FIPS = 72061"
```

```
## Rows: 276 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 276
## Columns: 43
## $ area_fips                        <dbl> 72061, 72061, 72061, 72061, 72061,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1026",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Guaynabo Municipio, Puerto Rico",~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 1491, 6, 6, 1, 1, 4, 1, 1, 1, 1, 1~
## $ annual_avg_emplvl                <dbl> 36038, 1492, 1492, 64, 230, 1198, ~
## $ total_annual_wages               <dbl> 685374351, 45627011, 45627011, 254~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 366, 588, 588, 762, 255, 643, 762,~
## $ avg_annual_pay                   <dbl> 19018, 30590, 30590, 39637, 13271,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.57, 0.57, 0.26, 4.74, 0.70~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 1.62, 1.66, 0.21, 12.41, 2.5~
## $ lq_total_annual_wages            <dbl> 1.00, 1.91, 1.96, 0.36, 12.23, 3.1~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.18, 1.18, 1.65, 0.98, 1.22~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.18, 1.18, 1.66, 0.99, 1.22~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 72, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.1, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 3359, -4, -4, 1, 5, -11, 1, 1, 1, ~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 10.3, -0.3, -0.3, 1.6, 2.2, -0.9, ~
## $ oty_total_annual_wages_chg       <dbl> 92217866, 4508927, 4508927, 200776~
## $ oty_total_annual_wages_pct_chg   <dbl> 15.5, 11.0, 11.0, 8.6, 9.3, 11.3, ~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 17, 59, 59, 42, 16, 71, 42, 42, 42~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 4.9, 11.2, 11.2, 5.8, 6.7, 12.4, 5~
```

```
## $ oty_avg_annual_pay_chg                <dbl> 867, 3103, 3103, 2205, 842, 3661, ~
## $ oty_avg_annual_pay_pct_chg            <dbl> 4.8, 11.3, 11.3, 5.9, 6.8, 12.3, 5~
## Fips loop: 0.961 sec elapsed
## [1] "'Middle' loop with FIPS = 72065"

## Rows: 76 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 76
## Columns: 43
## $ area_fips                           <dbl> 72065, 72065, 72065, 72065, 72065,~
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                       <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                          <chr> "Hatillo Municipio, Puerto Rico", ~
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 369, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1,~
## $ annual_avg_emplvl                   <dbl> 5098, 10, 10, 8, 2, 8, 8, 8, 8, 8,~
## $ total_annual_wages                  <dbl> 53337440, 401723, 401723, 323080, ~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 201, 754, 754, 769, 698, 769, 769,~
## $ avg_annual_pay                      <dbl> 10463, 39192, 39192, 39969, 36297,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 0.76, 0.77, 1.03, 0.71, 1.06~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 0.08, 0.08, 0.19, 0.03, 0.21~
## $ lq_total_annual_wages               <dbl> 1.00, 0.22, 0.22, 0.58, 0.08, 0.62~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 2.76, 2.76, 3.04, 2.41, 2.97~
## $ lq_avg_annual_pay                   <dbl> 1.00, 2.75, 2.75, 3.04, 2.41, 2.96~
## $ oty_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 31, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 9.2, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg           <dbl> 972, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0,~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 23.6, 11.1, 11.1, 14.3, 0.0, 14.3,~
## $ oty_total_annual_wages_chg          <dbl> 11325710, 17346, 17346, 6166, 1118~
## $ oty_total_annual_wages_pct_chg      <dbl> 27.0, 4.5, 4.5, 1.9, 16.6, 1.9, 1.~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg            <dbl> 5, -60, -60, -91, 49, -91, -91, -9~
## $ oty_annual_avg_wkly_wage_pct_chg        <dbl> 2.6, -7.4, -7.4, -10.6, 7.6, -10.6~
## $ oty_avg_annual_pay_chg                  <dbl> 281, -3125, -3125, -4772, 2565, -4~
## $ oty_avg_annual_pay_pct_chg              <dbl> 2.8, -7.4, -7.4, -10.7, 7.6, -10.7~
## Fips loop: 0.397 sec elapsed
## [1] "'Middle' loop with FIPS = 72069"

## Rows: 154 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 154
## Columns: 43
## $ area_fips                      <dbl> 72069, 72069, 72069, 72069, 72069,~
## $ own_code                       <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                  <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                    <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Humacao Municipio, Puerto Rico", ~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 734, 9, 9, 1, 1, 7, 1, 1, 1, 1, 1,~
## $ annual_avg_emplvl              <dbl> 19242, 59, 59, 32, 6, 20, 32, 32, ~
## $ total_annual_wages             <dbl> 316694160, 2132377, 2132377, 12380~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 317, 699, 699, 738, 596, 667, 738,~
## $ avg_annual_pay                 <dbl> 16458, 36347, 36347, 38388, 31014,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 1.72, 1.73, 0.52, 5.54, 2.50~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 0.12, 0.12, 0.20, 1.32, 0.08~
## $ lq_total_annual_wages          <dbl> 1.00, 0.19, 0.20, 0.38, 1.47, 0.12~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 1.62, 1.62, 1.85, 1.09, 1.46~
## $ lq_avg_annual_pay              <dbl> 1.00, 1.62, 1.62, 1.85, 1.10, 1.47~
## $ oty_disclosure_code            <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 21, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.9, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg      <dbl> 519, -6, -6, -1, -1, -4, -1, -1, -~
## $ oty_annual_avg_emplvl_pct_chg  <dbl> 2.8, -9.2, -9.2, -3.0, -14.3, -16.~
```

```
## $ oty_total_annual_wages_chg          <dbl> 15385337, -179292, -179292, -13456~
## $ oty_total_annual_wages_pct_chg      <dbl> 5.1, -7.8, -7.8, -1.1, -20.9, -14.~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 8, 13, 13, 14, -37, 18, 14, 14, 14~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 2.6, 1.9, 1.9, 1.9, -5.8, 2.8, 1.9~
## $ oty_avg_annual_pay_chg              <dbl> 365, 691, 691, 749, -1893, 940, 74~
## $ oty_avg_annual_pay_pct_chg          <dbl> 2.3, 1.9, 1.9, 2.0, -5.8, 2.8, 2.0~
## Fips loop: 0.609 sec elapsed
## [1] "'Middle' loop with FIPS = 72071"

## Rows: 79 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 79
## Columns: 43
## $ area_fips                    <dbl> 72071, 72071, 72071, 72071, 72071,~
## $ own_code                     <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                  <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                         <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                          <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                   <chr> "lsabela Municipio, Puerto Rico", ~
## $ own_title                    <chr> "Total Covered", "Federal Governme~
## $ industry_title               <chr> "Total, all industries", "Total, a~
## $ agglvl_title                 <chr> "County, Total Covered", "County, ~
## $ size_title                   <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count      <dbl> 348, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1,~
## $ annual_avg_emplvl            <dbl> 6030, 22, 22, 17, 6, 17, 17, 17, 1~
## $ total_annual_wages           <dbl> 65312675, 778714, 778714, 666180, ~
## $ taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage         <dbl> 208, 668, 668, 765, 382, 765, 765,~
## $ avg_annual_pay               <dbl> 10831, 34738, 34738, 39772, 19859,~
## $ lq_disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count   <dbl> 1.00, 0.81, 0.81, 1.10, 0.75, 1.12~
## $ lq_annual_avg_emplvl         <dbl> 1.00, 0.14, 0.15, 0.34, 0.08, 0.37~
## $ lq_total_annual_wages        <dbl> 1.00, 0.34, 0.35, 0.98, 0.09, 1.04~
## $ lq_taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage      <dbl> 1.00, 2.36, 2.36, 2.92, 1.28, 2.85~
## $ lq_avg_annual_pay            <dbl> 1.00, 2.36, 2.36, 2.92, 1.27, 2.85~
## $ oty_disclosure_code          <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg     <dbl> 15, -1, -1, 0, -1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.5, -33.3, -33.3, 0.0, -50.0, 0.0~
## $ oty_annual_avg_emplvl_chg           <dbl> 347, -1, -1, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 6.1, -4.3, -4.3, 0.0, 0.0, 0.0, 0.~
## $ oty_total_annual_wages_chg          <dbl> 5136827, -14160, -14160, -17543, 3~
## $ oty_total_annual_wages_pct_chg      <dbl> 8.5, -1.8, -1.8, -2.6, 3.1, -2.6, ~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 4, 5, 5, -8, 32, -8, -8, -8, -8, -~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 2.0, 0.8, 0.8, -1.0, 9.1, -1.0, -1~
## $ oty_avg_annual_pay_chg              <dbl> 242, 265, 265, -447, 1667, -447, -~
## $ oty_avg_annual_pay_pct_chg          <dbl> 2.3, 0.8, 0.8, -1.1, 9.2, -1.1, -1~
## Fips loop: 0.432 sec elapsed
## [1] "'Middle' loop with FIPS = 72075"

## Rows: 66 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 66
## Columns: 43
## $ area_fips                 <dbl> 72075, 72075, 72075, 72075, 72075,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Juana Diaz Municipio, Puerto Rico~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 246, 4, 4, 1, 1, 2, 1, 1, 1, 1, 1,~
## $ annual_avg_emplvl         <dbl> 4594, 25, 25, 14, 5, 6, 14, 14, 14~
## $ total_annual_wages        <dbl> 54860820, 957978, 957978, 529529, ~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage      <dbl> 230, 730, 730, 741, 630, 789, 741,~
## $ avg_annual_pay            <dbl> 11942, 37940, 37940, 38511, 32748,~
## $ lq_disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 2.29, 2.30, 1.55, 16.53, 2.1~
## $ lq_annual_avg_emplvl      <dbl> 1.00, 0.21, 0.22, 0.37, 4.61, 0.10~
## $ lq_total_annual_wages     <dbl> 1.00, 0.50, 0.52, 0.93, 7.73, 0.25~
## $ lq_taxable_annual_wages   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 2.33, 2.33, 2.56, 1.59, 2.38~
## $ lq_avg_annual_pay                    <dbl> 1.00, 2.33, 2.34, 2.56, 1.60, 2.39~
## $ oty_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> 11, 2, 2, 3, -1, 1, 3, 3, 3, 3, 3,~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 0.2, 8.7, 8.7, 27.3, -16.7, 20.0, ~
## $ oty_total_annual_wages_chg           <dbl> 4154532, 116512, 116512, 50973, 14~
## $ oty_total_annual_wages_pct_chg       <dbl> 8.2, 13.8, 13.8, 10.7, 9.1, 24.9, ~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 17, 11, 11, -71, 103, 60, -71, -71~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 8.0, 1.5, 1.5, -8.7, 19.5, 8.2, -8~
## $ oty_avg_annual_pay_chg               <dbl> 878, 542, 542, -3715, 5353, 3126, ~
## $ oty_avg_annual_pay_pct_chg           <dbl> 7.9, 1.4, 1.4, -8.8, 19.5, 8.2, -8~
## Fips loop: 0.382 sec elapsed
## [1] "'Middle' loop with FIPS = 72079"

## Rows: 58 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 58
## Columns: 43
## $ area_fips                    <dbl> 72079, 72079, 72079, 72079, 72079,~
## $ own_code                     <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                  <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                         <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                          <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                   <chr> "Lajas Municipio, Puerto Rico", "L~
## $ own_title                    <chr> "Total Covered", "Federal Governme~
## $ industry_title               <chr> "Total, all industries", "Total, a~
## $ agglvl_title                 <chr> "County, Total Covered", "County, ~
## $ size_title                   <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count      <dbl> 252, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1,~
## $ annual_avg_emplvl            <dbl> 3508, 9, 9, 8, 1, 8, 8, 8, 8, 8, 1~
## $ total_annual_wages           <dbl> 35654609, 324465, 324465, 289940, ~
## $ taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage         <dbl> 195, 734, 734, 743, 664, 743, 743,~
## $ avg_annual_pay               <dbl> 10164, 38172, 38172, 38659, 34525,~
## $ lq_disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 1.12, 1.12, 1.51, 1.04, 1.55~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.10, 0.10, 0.28, 0.02, 0.30~
## $ lq_total_annual_wages              <dbl> 1.00, 0.26, 0.27, 0.78, 0.05, 0.83~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 2.76, 2.76, 3.03, 2.37, 2.95~
## $ lq_avg_annual_pay                  <dbl> 1.00, 2.76, 2.76, 3.02, 2.36, 2.95~
## $ oty_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 1, -1, -1, 0, -1, 0, 0, 0, 0, 0, -~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.4, -33.3, -33.3, 0.0, -50.0, 0.0~
## $ oty_annual_avg_emplvl_chg          <dbl> 314, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 9.8, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_total_annual_wages_chg         <dbl> 4303250, -1775, -1775, -4058, 2283~
## $ oty_total_annual_wages_pct_chg     <dbl> 13.7, -0.5, -0.5, -1.4, 7.1, -1.4,~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 6, 68, 68, 71, 44, 71, 71, 71, 71,~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 3.2, 10.2, 10.2, 10.6, 7.1, 10.6, ~
## $ oty_avg_annual_pay_chg             <dbl> 349, 3527, 3527, 3729, 2283, 3729,~
## $ oty_avg_annual_pay_pct_chg         <dbl> 3.6, 10.2, 10.2, 10.7, 7.1, 10.7, ~
## Fips loop: 0.373 sec elapsed
## [1] "'Middle' loop with FIPS = 72087"

## Rows: 21 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 21
## Columns: 43
## $ area_fips                          <dbl> 72087, 72087, 72087, 72087, 72087,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Loiza Municipio, Puerto Rico", "L~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 69, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, ~
## $ annual_avg_emplvl                  <dbl> 1618, 5, 5, 4, 1, 4, 4, 4, 4, 4, 1~
## $ total_annual_wages                 <dbl> 20930662, 219638, 219638, 173712, ~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                   <dbl> 249, 831, 831, 835, 815, 835, 835,~
## $ avg_annual_pay                         <dbl> 12935, 43207, 43207, 43428, 42393,~
## $ lq_disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count             <dbl> 1.00, 4.08, 4.09, 5.52, 3.80, 5.67~
## $ lq_annual_avg_emplvl                   <dbl> 1.00, 0.12, 0.12, 0.30, 0.05, 0.32~
## $ lq_total_annual_wages                  <dbl> 1.00, 0.30, 0.31, 0.80, 0.12, 0.84~
## $ lq_taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage                <dbl> 1.00, 2.45, 2.45, 2.66, 2.28, 2.60~
## $ lq_avg_annual_pay                      <dbl> 1.00, 2.45, 2.46, 2.67, 2.28, 2.60~
## $ oty_disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg        <dbl> 2, -1, -1, 0, -1, 0, 0, 0, 0, 0, -~
## $ oty_annual_avg_estabs_count_pct_chg    <dbl> 3.0, -33.3, -33.3, 0.0, -50.0, 0.0~
## $ oty_annual_avg_emplvl_chg              <dbl> 54, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_emplvl_pct_chg          <dbl> 3.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_total_annual_wages_chg             <dbl> 1666273, 13274, 13274, -578, 13852~
## $ oty_total_annual_wages_pct_chg         <dbl> 8.6, 6.4, 6.4, -0.3, 43.2, -0.3, -~
## $ oty_taxable_annual_wages_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg           <dbl> 12, 75, 75, -3, 322, -3, -3, -3, -~
## $ oty_annual_avg_wkly_wage_pct_chg       <dbl> 5.1, 9.9, 9.9, -0.4, 65.3, -0.4, -~
## $ oty_avg_annual_pay_chg                 <dbl> 615, 3900, 3900, -145, 16734, -145~
## $ oty_avg_annual_pay_pct_chg             <dbl> 5.0, 9.9, 9.9, -0.3, 65.2, -0.3, -~
## Fips loop: 0.223 sec elapsed
## [1] "'Middle' loop with FIPS = 72089"

## Rows: 38 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 38
## Columns: 43
## $ area_fips                   <dbl> 72089, 72089, 72089, 72089, 72089,~
## $ own_code                    <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code               <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                 <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                        <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                         <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                  <chr> "Luquillo Municipio, Puerto Rico",~
## $ own_title                   <chr> "Total Covered", "Federal Governme~
## $ industry_title              <chr> "Total, all industries", "Total, a~
## $ agglvl_title                <chr> "County, Total Covered", "County, ~
## $ size_title                  <chr> "All establishment sizes", "All es~
```

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## $ annual_avg_estabs_count              <dbl> 123, 5, 5, 1, 4, 1, 1, 1, 1, 1, 4,~
## $ annual_avg_emplvl                    <dbl> 2442, 18, 18, 9, 9, 9, 9, 9, 9, 9,~
## $ total_annual_wages                   <dbl> 30932139, 606498, 606498, 354457, ~
## $ taxable_annual_wages                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                 <dbl> 244, 648, 648, 737, 554, 737, 737,~
## $ avg_annual_pay                       <dbl> 12668, 33694, 33694, 38320, 28805,~
## $ lq_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count           <dbl> 1.00, 5.72, 5.74, 3.10, 8.53, 3.18~
## $ lq_annual_avg_emplvl                 <dbl> 1.00, 0.29, 0.30, 0.45, 0.29, 0.48~
## $ lq_total_annual_wages                <dbl> 1.00, 0.56, 0.58, 1.10, 0.44, 1.17~
## $ lq_taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage              <dbl> 1.00, 1.95, 1.95, 2.40, 1.58, 2.34~
## $ lq_avg_annual_pay                    <dbl> 1.00, 1.95, 1.96, 2.40, 1.58, 2.35~
## $ oty_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg      <dbl> 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 2.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg            <dbl> 267, 2, 2, -1, 3, -1, -1, -1, -1, ~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 12.3, 12.5, 12.5, -10.0, 50.0, -10~
## $ oty_total_annual_wages_chg           <dbl> 2729321, 98398, 98398, -8418, 1068~
## $ oty_total_annual_wages_pct_chg       <dbl> 9.7, 19.4, 19.4, -2.3, 73.6, -2.3,~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> -5, 21, 21, 9, 89, 9, 9, 9, 9, 9, ~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> -2.0, 3.3, 3.3, 1.2, 19.1, 1.2, 1.~
## $ oty_avg_annual_pay_chg               <dbl> -297, 1089, 1089, 455, 4601, 455, ~
## $ oty_avg_annual_pay_pct_chg           <dbl> -2.3, 3.3, 3.3, 1.2, 19.0, 1.2, 1.~
## Fips loop: 0.301 sec elapsed
## [1] "'Middle' loop with FIPS = 72091"

## Rows: 90 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 90
## Columns: 43
## $ area_fips                 <dbl> 72091, 72091, 72091, 72091, 72091,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2~
## $ industry_code             <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Manati Municipio, Puerto Rico", "~
```

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## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 509, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1,~
## $ annual_avg_emplvl               <dbl> 15806, 25, 25, 22, 3, 22, 22, 22, ~
## $ total_annual_wages              <dbl> 313355161, 894653, 894653, 793132,~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 381, 684, 684, 688, 651, 688, 688,~
## $ avg_annual_pay                  <dbl> 19825, 35549, 35549, 35780, 33840,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 0.83, 0.83, 0.75, 0.52, 0.77~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.06, 0.06, 0.17, 0.01, 0.18~
## $ lq_total_annual_wages           <dbl> 1.00, 0.08, 0.08, 0.24, 0.02, 0.26~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.32, 1.32, 1.43, 1.19, 1.40~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.32, 1.32, 1.43, 1.19, 1.40~
## $ oty_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 29, -1, -1, 0, -1, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 6.0, -25.0, -25.0, 0.0, -50.0, 0.0~
## $ oty_annual_avg_emplvl_chg       <dbl> 54, -1, -1, 1, -1, 1, 1, 1, 1, 1, ~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 0.3, -3.8, -3.8, 4.8, -25.0, 4.8, ~
## $ oty_total_annual_wages_chg      <dbl> 4627033, -55998, -55998, -6255, -1~
## $ oty_total_annual_wages_pct_chg  <dbl> 1.5, -5.9, -5.9, -0.8, -11.9, -0.8~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 4, -24, -24, -30, 33, -30, -30, -3~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 1.1, -3.4, -3.4, -4.2, 5.3, -4.2, ~
## $ oty_avg_annual_pay_chg          <dbl> 226, -1250, -1250, -1545, 1680, -1~
## $ oty_avg_annual_pay_pct_chg      <dbl> 1.2, -3.4, -3.4, -4.1, 5.2, -4.1, ~
## Fips loop: 0.445 sec elapsed
## [1] "'Middle' loop with FIPS = 72095"

## Rows: 16 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 16
## Columns: 43
## $ area_fips                       <dbl> 72095, 72095, 72095, 72095, 72095,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5~
## $ industry_code                   <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

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## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Maunabo Municipio, Puerto Rico", ~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 65, 1, 1, 1, 1, 1, 1, 1, 1, 7, 7, ~
## $ annual_avg_emplvl                <dbl> 1179, 6, 6, 6, 6, 6, 6, 6, 6, 185,~
## $ total_annual_wages               <dbl> 12841033, 214428, 214428, 214428, ~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 210, 750, 750, 750, 750, 750, 750,~
## $ avg_annual_pay                   <dbl> 10895, 38987, 38987, 38987, 38987,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 2.16, 2.17, 5.86, 6.01, 6.13~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.20, 0.20, 0.62, 0.67, 0.69~
## $ lq_total_annual_wages            <dbl> 1.00, 0.48, 0.49, 1.61, 1.70, 1.80~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 2.62, 2.62, 2.84, 2.77, 2.83~
## $ lq_avg_annual_pay                <dbl> 1.00, 2.63, 2.63, 2.84, 2.78, 2.83~
## $ oty_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> -5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -7.1, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg        <dbl> 71, 1, 1, 1, 1, 1, 1, 1, 1, -15, -~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 6.4, 20.0, 20.0, 20.0, 20.0, 20.0,~
## $ oty_total_annual_wages_chg       <dbl> 1310893, 28330, 28330, 28330, 2833~
## $ oty_total_annual_wages_pct_chg   <dbl> 11.4, 15.2, 15.2, 15.2, 15.2, 15.2~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 10, 79, 79, 79, 79, 79, 79, 79, 79~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 5.0, 11.8, 11.8, 11.8, 11.8, 11.8,~
## $ oty_avg_annual_pay_chg           <dbl> 490, 4094, 4094, 4094, 4094, 4094,~
## $ oty_avg_annual_pay_pct_chg       <dbl> 4.7, 11.7, 11.7, 11.7, 11.7, 11.7,~
## Fips loop: 0.264 sec elapsed
## [1] "'Middle' loop with FIPS = 72097"

## Rows: 257 Columns: 43

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 257
## Columns: 43
## $ area_fips                        <dbl> 72097, 72097, 72097, 72097, 72097,~
```

```
## $ own_code                            <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                       <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                         <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 74~
## $ size_code                           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                 <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                          <chr> "Mayaguez Municipio, Puerto Rico",~
## $ own_title                           <chr> "Total Covered", "Federal Governme~
## $ industry_title                      <chr> "Total, all industries", "Total, a~
## $ agglvl_title                        <chr> "County, Total Covered", "County, ~
## $ size_title                          <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count             <dbl> 1619, 14, 14, 1, 1, 1, 1, 10, 1, 1~
## $ annual_avg_emplvl                   <dbl> 45444, 321, 321, 95, 7, 4, 82, 132~
## $ total_annual_wages                  <dbl> 580309129, 13050303, 13050303, 365~
## $ taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                <dbl> 246, 782, 782, 741, 639, 942, 791,~
## $ avg_annual_pay                      <dbl> 12770, 40687, 40687, 38517, 33240,~
## $ lq_disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count          <dbl> 1.00, 1.22, 1.22, 0.24, 2.51, 3.67~
## $ lq_annual_avg_emplvl                <dbl> 1.00, 0.28, 0.28, 0.25, 0.65, 0.16~
## $ lq_total_annual_wages               <dbl> 1.00, 0.65, 0.66, 0.60, 1.01, 0.47~
## $ lq_taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage             <dbl> 1.00, 2.33, 2.33, 2.39, 1.51, 2.92~
## $ lq_avg_annual_pay                   <dbl> 1.00, 2.34, 2.34, 2.40, 1.52, 2.93~
## $ oty_disclosure_code                 <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 43, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 2.7, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg           <dbl> 2261, -4, -4, 1, 0, 1, -2, -5, 1, ~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 5.2, -1.2, -1.2, 1.1, 0.0, 33.3, -~
## $ oty_total_annual_wages_chg          <dbl> 31455590, 617925, 617925, 50096, 1~
## $ oty_total_annual_wages_pct_chg      <dbl> 5.7, 5.0, 5.0, 1.4, 5.1, 42.7, 9.6~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 2, 47, 47, 7, 45, 62, 85, 53, 7, 7~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 0.8, 6.4, 6.4, 1.0, 7.6, 7.0, 12.0~
## $ oty_avg_annual_pay_chg              <dbl> 60, 2483, 2483, 327, 2342, 3226, 4~
## $ oty_avg_annual_pay_pct_chg          <dbl> 0.5, 6.5, 6.5, 0.9, 7.6, 7.0, 12.1~
## Fips loop: 0.875 sec elapsed
## [1] "'Middle' loop with FIPS = 72103"

## Rows: 41 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 41
## Columns: 43
## $ area_fips                        <dbl> 72103, 72103, 72103, 72103, 72103,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Naguabo Municipio, Puerto Rico", ~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 142, 3, 3, 2, 1, 2, 2, 2, 2, 2, 1,~
## $ annual_avg_emplvl                <dbl> 2452, 11, 11, 10, 1, 10, 10, 10, 1~
## $ total_annual_wages               <dbl> 29948382, 383668, 383668, 342240, ~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 235, 703, 703, 693, 797, 693, 693,~
## $ avg_annual_pay                   <dbl> 12216, 36540, 36540, 36025, 41428,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 2.97, 2.98, 5.37, 1.85, 5.51~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.18, 0.18, 0.49, 0.03, 0.53~
## $ lq_total_annual_wages            <dbl> 1.00, 0.37, 0.38, 1.10, 0.07, 1.16~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 2.20, 2.20, 2.34, 2.36, 2.29~
## $ lq_avg_annual_pay                <dbl> 1.00, 2.20, 2.20, 2.34, 2.36, 2.29~
## $ oty_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 6.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 129, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 5.6, 10.0, 10.0, 0.0, 0.0, 0.0, 0.~
## $ oty_total_annual_wages_chg       <dbl> 958201, -14216, -14216, -35826, 21~
## $ oty_total_annual_wages_pct_chg   <dbl> 3.3, -3.6, -3.6, -9.5, 109.0, -9.5~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> -5, -43, -43, -59, 144, -59, -59, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> -2.1, -5.8, -5.8, -7.8, 22.1, -7.8~
## $ oty_avg_annual_pay_chg           <dbl> -261, -2278, -2278, -3085, 7454, -~
## $ oty_avg_annual_pay_pct_chg       <dbl> -2.1, -5.9, -5.9, -7.9, 21.9, -7.9~
## Fips loop: 0.352 sec elapsed
## [1] "'Middle' loop with FIPS = 72109"

## Rows: 37 Columns: 43

## -- Column specification -----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 37
## Columns: 43
## $ area_fips                         <dbl> 72109, 72109, 72109, 72109, 72109,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5~
## $ industry_code                     <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Patillas Municipio, Puerto Rico",~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 127, 1, 1, 1, 1, 1, 1, 1, 1, 7, 7,~
## $ annual_avg_emplvl                 <dbl> 2266, 6, 6, 6, 6, 6, 6, 6, 6, 339,~
## $ total_annual_wages                <dbl> 30321277, 238579, 238579, 238579, ~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 257, 810, 810, 810, 810, 810, 810,~
## $ avg_annual_pay                    <dbl> 13382, 42102, 42102, 42102, 42102,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 1.11, 1.11, 3.00, 3.08, 3.14~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.10, 0.11, 0.32, 0.35, 0.36~
## $ lq_total_annual_wages             <dbl> 1.00, 0.23, 0.23, 0.76, 0.80, 0.85~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 2.31, 2.31, 2.50, 2.44, 2.49~
## $ lq_avg_annual_pay                 <dbl> 1.00, 2.31, 2.31, 2.50, 2.44, 2.49~
## $ oty_disclosure_code               <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg         <dbl> 75, 0, 0, 0, 0, 0, 0, 0, 0, -19, -~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 3.4, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_total_annual_wages_chg        <dbl> 2908665, -600, -600, -600, -600, -~
## $ oty_total_annual_wages_pct_chg    <dbl> 10.6, -0.3, -0.3, -0.3, -0.3, -0.3~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> 16, 64, 64, 64, 64, 64, 64, 64, 64~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> 6.6, 8.6, 8.6, 8.6, 8.6, 8.6, 8.6,~
## $ oty_avg_annual_pay_chg            <dbl> 870, 3316, 3316, 3316, 3316, 3316,~
## $ oty_avg_annual_pay_pct_chg        <dbl> 7.0, 8.5, 8.5, 8.5, 8.5, 8.5, 8.5,~
## Fips loop: 0.3 sec elapsed
## [1] "'Middle' loop with FIPS = 72111"
```

```
## Rows: 36 Columns: 43

## -- Column specification ----------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 36
## Columns: 43
## $ area_fips                       <dbl> 72111, 72111, 72111, 72111, 72111,~
## $ own_code                        <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 2~
## $ industry_code                   <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                     <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Penuelas Municipio, Puerto Rico",~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 155, 2, 2, 1, 1, 1, 1, 1, 1, 11, 1~
## $ annual_avg_emplvl               <dbl> 3324, 8, 8, 8, 8, 8, 8, 8, 8, 729,~
## $ total_annual_wages              <dbl> 46302800, 312965, 312965, 311231, ~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 268, 768, 768, 789, 789, 789, 789,~
## $ avg_annual_pay                  <dbl> 13932, 39953, 39953, 41041, 41041,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 1.81, 1.82, 2.46, 2.52, 2.57~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.09, 0.10, 0.29, 0.32, 0.33~
## $ lq_total_annual_wages           <dbl> 1.00, 0.19, 0.20, 0.65, 0.68, 0.72~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 2.10, 2.10, 2.34, 2.28, 2.33~
## $ lq_avg_annual_pay               <dbl> 1.00, 2.11, 2.11, 2.34, 2.29, 2.33~
## $ oty_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 6.2, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg       <dbl> 367, 1, 1, 1, 1, 1, 1, 1, 1, -26, ~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> 12.4, 14.3, 14.3, 14.3, 14.3, 14.3~
## $ oty_total_annual_wages_chg      <dbl> 9086544, 25420, 25420, 25885, 2588~
## $ oty_total_annual_wages_pct_chg  <dbl> 24.4, 8.8, 8.8, 9.1, 9.1, 9.1, 9.1~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 26, -4, -4, 5, 5, 5, 5, 5, 5, 20, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 10.7, -0.5, -0.5, 0.6, 0.6, 0.6, 0~
```

```
## $ oty_avg_annual_pay_chg                   <dbl> 1344, -170, -170, 277, 277, 277, 2~
## $ oty_avg_annual_pay_pct_chg               <dbl> 10.7, -0.4, -0.4, 0.7, 0.7, 0.7, 0~
## Fips loop: 0.3 sec elapsed
## [1] "'Middle' loop with FIPS = 72113"

## Rows: 327 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 327
## Columns: 43
## $ area_fips                          <dbl> 72113, 72113, 72113, 72113, 72113,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1024",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 73, 74, 75~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Ponce Municipio, Puerto Rico", "P~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 2162, 14, 14, 3, 1, 1, 9, 3, 3, 3,~
## $ annual_avg_emplvl                  <dbl> 51491, 277, 277, 176, 1, 53, 47, 1~
## $ total_annual_wages                 <dbl> 718108356, 10524402, 10524402, 669~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 268, 730, 730, 732, 960, 674, 780,~
## $ avg_annual_pay                     <dbl> 13946, 37960, 37960, 38073, 49920,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 0.91, 0.91, 0.53, 2.75, 7.10~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.21, 0.22, 0.41, 0.04, 0.44~
## $ lq_total_annual_wages              <dbl> 1.00, 0.42, 0.43, 0.90, 0.10, 0.79~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 2.00, 2.00, 2.17, 2.73, 1.77~
## $ lq_avg_annual_pay                  <dbl> 1.00, 2.00, 2.00, 2.17, 2.73, 1.77~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.3, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg          <dbl> 702, 8, 8, -1, 0, 8, 2, -1, -1, -1~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 1.4, 3.0, 3.0, -0.6, 0.0, 17.8, 4.~
## $ oty_total_annual_wages_chg         <dbl> 25698617, 136831, 136831, -40686, ~
## $ oty_total_annual_wages_pct_chg     <dbl> 3.7, 1.3, 1.3, -0.6, 11.5, 2.3, 7.~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 6, -14, -14, 0, 99, -100, 23, 0, 0~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 2.3, -1.9, -1.9, 0.0, 11.5, -12.9,~
## $ oty_avg_annual_pay_chg                <dbl> 313, -703, -703, 21, 5161, -5172, ~
## $ oty_avg_annual_pay_pct_chg            <dbl> 2.3, -1.8, -1.8, 0.1, 11.5, -12.9,~
## Fips loop: 1.076 sec elapsed
## [1] "'Middle' loop with FIPS = 72115"

## Rows: 41 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 41
## Columns: 43
## $ area_fips                      <dbl> 72115, 72115, 72115, 72115, 72115,~
## $ own_code                       <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5~
## $ industry_code                  <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                    <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                           <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                            <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                     <chr> "Quebradillas Municipio, Puerto Ri~
## $ own_title                      <chr> "Total Covered", "Federal Governme~
## $ industry_title                 <chr> "Total, all industries", "Total, a~
## $ agglvl_title                   <chr> "County, Total Covered", "County, ~
## $ size_title                     <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count        <dbl> 202, 2, 2, 1, 1, 1, 1, 1, 1, 7, 7,~
## $ annual_avg_emplvl              <dbl> 4116, 9, 9, 8, 8, 8, 8, 8, 8, 263,~
## $ total_annual_wages             <dbl> 47033899, 351476, 351476, 322490, ~
## $ taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage           <dbl> 220, 765, 765, 744, 744, 744, 744,~
## $ avg_annual_pay                 <dbl> 11428, 39790, 39790, 38699, 38699,~
## $ lq_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count     <dbl> 1.00, 1.39, 1.40, 1.89, 1.94, 1.97~
## $ lq_annual_avg_emplvl           <dbl> 1.00, 0.09, 0.09, 0.24, 0.25, 0.26~
## $ lq_total_annual_wages          <dbl> 1.00, 0.21, 0.22, 0.66, 0.70, 0.74~
## $ lq_taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage        <dbl> 1.00, 2.55, 2.55, 2.69, 2.62, 2.68~
## $ lq_avg_annual_pay              <dbl> 1.00, 2.56, 2.56, 2.69, 2.63, 2.68~
## $ oty_disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg     <dbl> 13, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 6.9, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg           <dbl> 28, -1, -1, -1, -1, -1, -1, -1, -1~
## $ oty_annual_avg_emplvl_pct_chg       <dbl> 0.7, -10.0, -10.0, -11.1, -11.1, -~
```

```
## $ oty_total_annual_wages_chg          <dbl> 137195, -33324, -33324, -19637, -1~
## $ oty_total_annual_wages_pct_chg      <dbl> 0.3, -8.7, -8.7, -5.7, -5.7, -5.7,~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> -1, 37, 37, 26, 26, 26, 26, 26, 26~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> -0.5, 5.1, 5.1, 3.6, 3.6, 3.6, 3.6~
## $ oty_avg_annual_pay_chg              <dbl> -44, 1941, 1941, 1376, 1376, 1376,~
## $ oty_avg_annual_pay_pct_chg          <dbl> -0.4, 5.1, 5.1, 3.7, 3.7, 3.7, 3.7~
## Fips loop: 0.375 sec elapsed
## [1] "'Middle' loop with FIPS = 72117"

## Rows: 30 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 30
## Columns: 43
## $ area_fips                   <dbl> 72117, 72117, 72117, 72117, 72117,~
## $ own_code                    <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5~
## $ industry_code               <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                 <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                        <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                         <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                  <chr> "Rincon Municipio, Puerto Rico", "~
## $ own_title                   <chr> "Total Covered", "Federal Governme~
## $ industry_title              <chr> "Total, all industries", "Total, a~
## $ agglvl_title                <chr> "County, Total Covered", "County, ~
## $ size_title                  <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count     <dbl> 86, 2, 2, 1, 1, 1, 1, 1, 1, 7, 7, ~
## $ annual_avg_emplvl           <dbl> 1746, 6, 6, 6, 6, 6, 6, 6, 6, 189,~
## $ total_annual_wages          <dbl> 19467446, 255674, 255674, 252966, ~
## $ taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage        <dbl> 214, 766, 766, 778, 778, 778, 778,~
## $ avg_annual_pay              <dbl> 11153, 39845, 39845, 40475, 40475,~
## $ lq_disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count  <dbl> 1.00, 3.27, 3.28, 4.43, 4.55, 4.63~
## $ lq_annual_avg_emplvl        <dbl> 1.00, 0.13, 0.14, 0.42, 0.45, 0.47~
## $ lq_total_annual_wages       <dbl> 1.00, 0.38, 0.39, 1.25, 1.32, 1.40~
## $ lq_taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage     <dbl> 1.00, 2.63, 2.63, 2.89, 2.82, 2.88~
## $ lq_avg_annual_pay           <dbl> 1.00, 2.62, 2.63, 2.88, 2.82, 2.87~
## $ oty_disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg      <dbl> 6, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 5~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> 7.5, 100.0, 100.0, 0.0, 0.0, 0.0, ~
## $ oty_annual_avg_emplvl_chg            <dbl> 40, 0, 0, 0, 0, 0, 0, 0, 0, -3, -3~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> 2.3, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_total_annual_wages_chg           <dbl> 921217, 14531, 14531, 11823, 11823~
## $ oty_total_annual_wages_pct_chg       <dbl> 5.0, 6.0, 6.0, 4.9, 4.9, 4.9, 4.9,~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 5, -7, -7, 5, 5, 5, 5, 5, 5, 13, 1~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 2.4, -0.9, -0.9, 0.6, 0.6, 0.6, 0.~
## $ oty_avg_annual_pay_chg               <dbl> 283, -346, -346, 284, 284, 284, 28~
## $ oty_avg_annual_pay_pct_chg           <dbl> 2.6, -0.9, -0.9, 0.7, 0.7, 0.7, 0.~
## Fips loop: 0.273 sec elapsed
## [1] "'Middle' loop with FIPS = 72119"

## Rows: 63 Columns: 43

## -- Column specification ------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 63
## Columns: 43
## $ area_fips                 <dbl> 72119, 72119, 72119, 72119, 72119,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "Rio Grande Municipio, Puerto Rico~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 238, 9, 9, 1, 7, 1, 1, 1, 1, 1, 7,~
## $ annual_avg_emplvl         <dbl> 4097, 144, 144, 18, 120, 18, 18, 1~
## $ total_annual_wages        <dbl> 53610590, 3040889, 3040889, 699282~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage      <dbl> 252, 406, 406, 734, 346, 734, 734,~
## $ avg_annual_pay            <dbl> 13086, 21117, 21117, 38143, 17996,~
## $ lq_disclosure_code        <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count <dbl> 1.00, 5.32, 5.34, 1.60, 7.72, 1.64~
## $ lq_annual_avg_emplvl      <dbl> 1.00, 1.37, 1.41, 0.53, 2.28, 0.58~
## $ lq_total_annual_wages     <dbl> 1.00, 1.63, 1.67, 1.25, 2.18, 1.33~
## $ lq_taxable_annual_wages   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.18, 1.18, 2.31, 0.95, 2.26~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.19, 1.19, 2.32, 0.96, 2.26~
## $ oty_disclosure_code             <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg       <dbl> -61, 4, 4, 1, 3, 1, 1, 1, 1, 1, 3,~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> -1.5, 2.9, 2.9, 5.9, 2.6, 5.9, 5.9~
## $ oty_total_annual_wages_chg      <dbl> 1095619, 113001, 113001, 61867, 80~
## $ oty_total_annual_wages_pct_chg  <dbl> 2.1, 3.9, 3.9, 9.7, 3.9, 9.7, 9.7,~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> 9, 3, 3, -5, 4, -5, -5, -5, -5, -5~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 3.7, 0.7, 0.7, -0.7, 1.2, -0.7, -0~
## $ oty_avg_annual_pay_chg          <dbl> 455, 141, 141, -294, 200, -294, -2~
## $ oty_avg_annual_pay_pct_chg      <dbl> 3.6, 0.7, 0.7, -0.8, 1.1, -0.8, -0~
## Fips loop: 0.37 sec elapsed
## [1] "'Middle' loop with FIPS = 72123"

## Rows: 61 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 61
## Columns: 43
## $ area_fips               <dbl> 72123, 72123, 72123, 72123, 72123,~
## $ own_code                <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code           <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code             <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                    <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                     <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code         <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title              <chr> "Salinas Municipio, Puerto Rico", ~
## $ own_title               <chr> "Total Covered", "Federal Governme~
## $ industry_title          <chr> "Total, all industries", "Total, a~
## $ agglvl_title            <chr> "County, Total Covered", "County, ~
## $ size_title              <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count <dbl> 193, 6, 6, 1, 4, 1, 1, 1, 1, 1, 4,~
## $ annual_avg_emplvl       <dbl> 3660, 17, 17, 13, 4, 13, 13, 13, 1~
## $ total_annual_wages      <dbl> 58002511, 642456, 642456, 481935, ~
## $ taxable_annual_wages    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage    <dbl> 305, 709, 709, 708, 717, 708, 708,~
## $ avg_annual_pay          <dbl> 15849, 36887, 36887, 36836, 37283,~
## $ lq_disclosure_code      <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ lq_annual_avg_estabs_count            <dbl> 1.00, 4.37, 4.39, 1.98, 5.44, 2.03~
## $ lq_annual_avg_emplvl                  <dbl> 1.00, 0.18, 0.19, 0.43, 0.08, 0.47~
## $ lq_total_annual_wages                 <dbl> 1.00, 0.32, 0.33, 0.80, 0.12, 0.85~
## $ lq_taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage               <dbl> 1.00, 1.71, 1.71, 1.84, 1.63, 1.80~
## $ lq_avg_annual_pay                     <dbl> 1.00, 1.71, 1.71, 1.85, 1.64, 1.80~
## $ oty_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg       <dbl> 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_estabs_count_pct_chg   <dbl> 0.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg             <dbl> -122, -1, -1, -1, 1, -1, -1, -1, -~
## $ oty_annual_avg_emplvl_pct_chg         <dbl> -3.2, -5.6, -5.6, -7.1, 33.3, -7.1~
## $ oty_total_annual_wages_chg            <dbl> 60076, -15721, -15721, -18362, 616~
## $ oty_total_annual_wages_pct_chg        <dbl> 0.1, -2.4, -2.4, -3.7, 5.0, -3.7, ~
## $ oty_taxable_annual_wages_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 10, 19, 19, 29, -38, 29, 29, 29, 2~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 3.4, 2.8, 2.8, 4.3, -5.0, 4.3, 4.3~
## $ oty_avg_annual_pay_chg                <dbl> 528, 986, 986, 1521, -1979, 1521, ~
## $ oty_avg_annual_pay_pct_chg            <dbl> 3.4, 2.7, 2.7, 4.3, -5.0, 4.3, 4.3~
## Fips loop: 0.369 sec elapsed
## [1] "'Middle' loop with FIPS = 72127"

## Rows: 886 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 886
## Columns: 43
## $ area_fips                 <dbl> 72127, 72127, 72127, 72127, 72127,~
## $ own_code                  <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code             <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code               <dbl> 70, 71, 72, 73, 73, 73, 73, 73, 73~
## $ size_code                 <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                      <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                       <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code           <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                <chr> "San Juan Municipio, Puerto Rico",~
## $ own_title                 <chr> "Total Covered", "Federal Governme~
## $ industry_title            <chr> "Total, all industries", "Total, a~
## $ agglvl_title              <chr> "County, Total Covered", "County, ~
## $ size_title                <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count   <dbl> 11874, 68, 68, 6, 3, 1, 1, 1, 57, ~
## $ annual_avg_emplvl         <dbl> 293436, 8623, 8623, 1994, 49, 2, 2~
## $ total_annual_wages        <dbl> 5122537937, 354457700, 354457700, ~
## $ taxable_annual_wages      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ annual_contributions                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                   <dbl> 336, 791, 791, 730, 795, 821, 794,~
## $ avg_annual_pay                         <dbl> 17457, 41108, 41108, 37975, 41365,~
## $ lq_disclosure_code                     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count             <dbl> 1.00, 0.81, 0.81, 0.19, 1.03, 0.50~
## $ lq_annual_avg_emplvl                   <dbl> 1.00, 1.15, 1.18, 0.82, 0.71, 0.01~
## $ lq_total_annual_wages                  <dbl> 1.00, 1.99, 2.04, 1.42, 0.97, 0.02~
## $ lq_taxable_annual_wages                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions                <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage                <dbl> 1.00, 1.73, 1.73, 1.73, 1.38, 1.87~
## $ lq_avg_annual_pay                      <dbl> 1.00, 1.73, 1.73, 1.73, 1.38, 1.87~
## $ oty_disclosure_code                    <chr> NA, NA, NA, NA, NA, "N", NA, NA, N~
## $ oty_annual_avg_estabs_count_chg        <dbl> 96, -2, -2, 0, 0, 0, 0, 0, -2, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg    <dbl> 0.8, -2.9, -2.9, 0.0, 0.0, 0.0, 0.~
## $ oty_annual_avg_emplvl_chg              <dbl> 7283, -89, -89, -2, 2, 0, -35, 3, ~
## $ oty_annual_avg_emplvl_pct_chg          <dbl> 2.5, -1.0, -1.0, -0.1, 4.3, 0.0, -~
## $ oty_total_annual_wages_chg             <dbl> 239091107, 11463214, 11463214, 828~
## $ oty_total_annual_wages_pct_chg         <dbl> 4.9, 3.3, 3.3, 1.1, 5.7, 0.0, 2.0,~
## $ oty_taxable_annual_wages_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg           <dbl> 8, 34, 34, 9, 9, 0, 27, 10, 50, 9,~
## $ oty_annual_avg_wkly_wage_pct_chg       <dbl> 2.4, 4.5, 4.5, 1.2, 1.1, 0.0, 3.5,~
## $ oty_avg_annual_pay_chg                 <dbl> 391, 1739, 1739, 458, 487, 0, 1408~
## $ oty_avg_annual_pay_pct_chg             <dbl> 2.3, 4.4, 4.4, 1.2, 1.2, 0.0, 3.5,~
## Fips loop: 2.529 sec elapsed
## [1] "'Middle' loop with FIPS = 72133"

## Rows: 34 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 34
## Columns: 43
## $ area_fips                  <dbl> 72133, 72133, 72133, 72133, 72133,~
## $ own_code                   <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5~
## $ industry_code              <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                       <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                        <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code            <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                 <chr> "Santa Isabel Municipio, Puerto Ri~
## $ own_title                  <chr> "Total Covered", "Federal Governme~
## $ industry_title             <chr> "Total, all industries", "Total, a~
## $ agglvl_title               <chr> "County, Total Covered", "County, ~
## $ size_title                 <chr> "All establishment sizes", "All es~
```

```
## $ annual_avg_estabs_count            <dbl> 126, 1, 1, 1, 1, 1, 1, 1, 1, 8, 8,~
## $ annual_avg_emplvl                  <dbl> 3794, 8, 8, 8, 8, 8, 8, 8, 8, 285,~
## $ total_annual_wages                 <dbl> 45810477, 317879, 317879, 317879, ~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 232, 726, 726, 726, 726, 726, 726,~
## $ avg_annual_pay                     <dbl> 12076, 37768, 37768, 37768, 37768,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 1.12, 1.12, 3.03, 3.10, 3.16~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.08, 0.08, 0.26, 0.28, 0.29~
## $ lq_total_annual_wages              <dbl> 1.00, 0.20, 0.20, 0.67, 0.71, 0.75~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 2.30, 2.30, 2.49, 2.43, 2.48~
## $ lq_avg_annual_pay                  <dbl> 1.00, 2.30, 2.30, 2.49, 2.43, 2.48~
## $ oty_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> -4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -3.1, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg          <dbl> 203, 0, 0, 0, 0, 0, 0, 0, 0, -5, -~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 5.7, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_total_annual_wages_chg         <dbl> 2416306, 50692, 50692, 50692, 5069~
## $ oty_total_annual_wages_pct_chg     <dbl> 5.6, 19.0, 19.0, 19.0, 19.0, 19.0,~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 0, 63, 63, 63, 63, 63, 63, 63, 63,~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 0.0, 9.5, 9.5, 9.5, 9.5, 9.5, 9.5,~
## $ oty_avg_annual_pay_chg             <dbl> -7, 3292, 3292, 3292, 3292, 3292, ~
## $ oty_avg_annual_pay_pct_chg         <dbl> -0.1, 9.5, 9.5, 9.5, 9.5, 9.5, 9.5~
## Fips loop: 0.278 sec elapsed
## [1] "'Middle' loop with FIPS = 72137"

## Rows: 124 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 124
## Columns: 43
## $ area_fips                          <dbl> 72137, 72137, 72137, 72137, 72137,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Toa Baja Municipio, Puerto Rico",~
```

```
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 561, 6, 6, 3, 3, 1, 1, 1, 1, 1, 2,~
## $ annual_avg_emplvl                  <dbl> 10816, 77, 77, 75, 2, 27, 27, 27, ~
## $ total_annual_wages                 <dbl> 167551599, 1956935, 1956935, 18925~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 298, 491, 491, 489, 571, 93, 93, 9~
## $ avg_annual_pay                     <dbl> 15491, 25525, 25525, 25404, 29701,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 1.50, 1.51, 2.04, 1.40, 48.7~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.28, 0.29, 0.84, 0.01, 4.79~
## $ lq_total_annual_wages              <dbl> 1.00, 0.34, 0.34, 1.09, 0.02, 2.30~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.21, 1.21, 1.30, 1.33, 0.49~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.21, 1.21, 1.30, 1.33, 0.49~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 30, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 5.6, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg          <dbl> 465, 0, 0, 0, -1, -3, -3, -3, -3, ~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 4.5, 0.0, 0.0, 0.0, -33.3, -10.0, ~
## $ oty_total_annual_wages_chg         <dbl> 7180726, 53756, 53756, 79151, -253~
## $ oty_total_annual_wages_pct_chg     <dbl> 4.5, 2.8, 2.8, 4.4, -28.3, -5.9, -~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 0, 18, 18, 22, -76, 5, 5, 5, 5, 5,~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 0.0, 3.8, 3.8, 4.7, -11.7, 5.7, 5.~
## $ oty_avg_annual_pay_chg             <dbl> -2, 941, 941, 1144, -3955, 267, 26~
## $ oty_avg_annual_pay_pct_chg         <dbl> 0.0, 3.8, 3.8, 4.7, -11.8, 5.9, 5.~
## Fips loop: 0.524 sec elapsed
## [1] "'Middle' loop with FIPS = 72143"

## Rows: 47 Columns: 43

## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 47
## Columns: 43
## $ area_fips                          <dbl> 72143, 72143, 72143, 72143, 72143,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5~
## $ industry_code                      <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ year                            <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                             <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                      <chr> "Vega Alta Municipio, Puerto Rico"~
## $ own_title                       <chr> "Total Covered", "Federal Governme~
## $ industry_title                  <chr> "Total, all industries", "Total, a~
## $ agglvl_title                    <chr> "County, Total Covered", "County, ~
## $ size_title                      <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count         <dbl> 219, 1, 1, 1, 1, 1, 1, 1, 1, 9, 9,~
## $ annual_avg_emplvl               <dbl> 5133, 11, 11, 11, 11, 11, 11, 11, ~
## $ total_annual_wages              <dbl> 77511591, 422626, 422626, 422626, ~
## $ taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage            <dbl> 290, 733, 733, 733, 733, 733, 733,~
## $ avg_annual_pay                  <dbl> 15101, 38132, 38132, 38132, 38132,~
## $ lq_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count      <dbl> 1.00, 0.64, 0.64, 1.74, 1.79, 1.82~
## $ lq_annual_avg_emplvl            <dbl> 1.00, 0.08, 0.09, 0.26, 0.28, 0.29~
## $ lq_total_annual_wages           <dbl> 1.00, 0.16, 0.16, 0.52, 0.55, 0.59~
## $ lq_taxable_annual_wages         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage         <dbl> 1.00, 1.86, 1.86, 2.01, 1.96, 2.00~
## $ lq_avg_annual_pay               <dbl> 1.00, 1.85, 1.86, 2.01, 1.96, 2.00~
## $ oty_disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg <dbl> 9, 0, 0, 0, 0, 0, 0, 0, 0, -1, -1,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 4.3, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg       <dbl> -199, 0, 0, 0, 0, 0, 0, 0, 136,~
## $ oty_annual_avg_emplvl_pct_chg   <dbl> -3.7, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_total_annual_wages_chg      <dbl> -3459410, 10718, 10718, 10718, 107~
## $ oty_total_annual_wages_pct_chg  <dbl> -4.3, 2.6, 2.6, 2.6, 2.6, 2.6, 2.6~
## $ oty_taxable_annual_wages_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg    <dbl> -2, -21, -21, -21, -21, -21, -21, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> -0.7, -2.8, -2.8, -2.8, -2.8, -2.8~
## $ oty_avg_annual_pay_chg          <dbl> -85, -1097, -1097, -1097, -1097, -~
## $ oty_avg_annual_pay_pct_chg      <dbl> -0.6, -2.8, -2.8, -2.8, -2.8, -2.8~
## Fips loop: 0.307 sec elapsed
## [1] "'Middle' loop with FIPS = 72145"

## Rows: 83 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 83
## Columns: 43
## $ area_fips                       <dbl> 72145, 72145, 72145, 72145, 72145,~
```

562

```
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5~
## $ industry_code                      <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "Vega Baja Municipio, Puerto Rico"~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 436, 1, 1, 1, 1, 1, 1, 1, 1, 8, 8,~
## $ annual_avg_emplvl                  <dbl> 12317, 27, 27, 27, 27, 27, 27, 27,~
## $ total_annual_wages                 <dbl> 209647169, 1071826, 1071826, 10718~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 327, 754, 754, 754, 754, 754, 754,~
## $ avg_annual_pay                     <dbl> 17020, 39213, 39213, 39213, 39213,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 0.32, 0.32, 0.87, 0.90, 0.91~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.09, 0.09, 0.27, 0.29, 0.30~
## $ lq_total_annual_wages              <dbl> 1.00, 0.15, 0.15, 0.49, 0.52, 0.55~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.69, 1.69, 1.83, 1.79, 1.82~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.69, 1.69, 1.83, 1.79, 1.82~
## $ oty_disclosure_code                <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> 36, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 9.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg          <dbl> 1041, 1, 1, 1, 1, 1, 1, 1, 1, -16,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> 9.2, 3.8, 3.8, 3.8, 3.8, 3.8, 3.8,~
## $ oty_total_annual_wages_chg         <dbl> 31948331, 87417, 87417, 87417, 874~
## $ oty_total_annual_wages_pct_chg     <dbl> 18.0, 8.9, 8.9, 8.9, 8.9, 8.9, 8.9~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg       <dbl> 24, 31, 31, 31, 31, 31, 31, 31, 31~
## $ oty_annual_avg_wkly_wage_pct_chg   <dbl> 7.9, 4.3, 4.3, 4.3, 4.3, 4.3, 4.3,~
## $ oty_avg_annual_pay_chg             <dbl> 1261, 1592, 1592, 1592, 1592, 1592~
## $ oty_avg_annual_pay_pct_chg         <dbl> 8.0, 4.2, 4.2, 4.2, 4.2, 4.2, 4.2,~
## Fips loop: 0.433 sec elapsed
## [1] "'Middle' loop with FIPS = 72147"

## Rows: 25 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 25
## Columns: 43
## $ area_fips                         <dbl> 72147, 72147, 72147, 72147, 72147,~
## $ own_code                          <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5~
## $ industry_code                     <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                       <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                              <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                               <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                        <chr> "Vieques Municipio, Puerto Rico", ~
## $ own_title                         <chr> "Total Covered", "Federal Governme~
## $ industry_title                    <chr> "Total, all industries", "Total, a~
## $ agglvl_title                      <chr> "County, Total Covered", "County, ~
## $ size_title                        <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count           <dbl> 98, 2, 2, 1, 1, 1, 1, 1, 1, 12, 12~
## $ annual_avg_emplvl                 <dbl> 1346, 6, 6, 5, 5, 5, 5, 5, 5, 203,~
## $ total_annual_wages                <dbl> 16807988, 233914, 233914, 185840, ~
## $ taxable_annual_wages              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions              <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage              <dbl> 240, 750, 750, 715, 715, 715, 715,~
## $ avg_annual_pay                    <dbl> 12490, 38986, 38986, 37168, 37168,~
## $ lq_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count        <dbl> 1.00, 2.87, 2.88, 3.89, 3.99, 4.06~
## $ lq_annual_avg_emplvl              <dbl> 1.00, 0.17, 0.18, 0.45, 0.49, 0.51~
## $ lq_total_annual_wages             <dbl> 1.00, 0.40, 0.41, 1.06, 1.12, 1.19~
## $ lq_taxable_annual_wages           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions           <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage           <dbl> 1.00, 2.30, 2.30, 2.37, 2.31, 2.36~
## $ lq_avg_annual_pay                 <dbl> 1.00, 2.29, 2.29, 2.37, 2.31, 2.35~
## $ oty_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg   <dbl> 9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 9~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 10.1, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0~
## $ oty_annual_avg_emplvl_chg         <dbl> 94, -1, -1, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_emplvl_pct_chg     <dbl> 7.5, -14.3, -14.3, 0.0, 0.0, 0.0, ~
## $ oty_total_annual_wages_chg        <dbl> 820709, -48904, -48904, -14453, -1~
## $ oty_total_annual_wages_pct_chg    <dbl> 5.1, -17.3, -17.3, -7.2, -7.2, -7.~
## $ oty_taxable_annual_wages_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg      <dbl> -6, -87, -87, -7, -7, -7, -7, -7, ~
## $ oty_annual_avg_wkly_wage_pct_chg  <dbl> -2.4, -10.4, -10.4, -1.0, -1.0, -1~
## $ oty_avg_annual_pay_chg            <dbl> -279, -4524, -4524, -387, -387, -3~
## $ oty_avg_annual_pay_pct_chg        <dbl> -2.2, -10.4, -10.4, -1.0, -1.0, -1~
## Fips loop: 0.261 sec elapsed
## [1] "'Middle' loop with FIPS = 72151"

## Rows: 49 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
```

```
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 49
## Columns: 43
## $ area_fips                        <dbl> 72151, 72151, 72151, 72151, 72151,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 2~
## $ industry_code                    <chr> "10", "10", "102", "1021", "48-49"~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 74, 75, 76, 77, 78~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Yabucoa Municipio, Puerto Rico", ~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 230, 2, 2, 1, 1, 1, 1, 1, 1, 12, 7~
## $ annual_avg_emplvl                <dbl> 7057, 8, 8, 8, 8, 8, 8, 8, 8, 1189~
## $ total_annual_wages               <dbl> 115520747, 333195, 333195, 318125,~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 315, 785, 785, 798, 798, 798, 798,~
## $ avg_annual_pay                   <dbl> 16371, 40799, 40799, 41495, 41495,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 1.22, 1.23, 1.66, 1.70, 1.73~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.04, 0.05, 0.14, 0.15, 0.15~
## $ lq_total_annual_wages            <dbl> 1.00, 0.08, 0.09, 0.26, 0.28, 0.30~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 1.83, 1.83, 2.01, 1.96, 2.00~
## $ lq_avg_annual_pay                <dbl> 1.00, 1.83, 1.83, 2.01, 1.97, 2.01~
## $ oty_disclosure_code              <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 1, -1, -1, 0, 0, 0, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 0.4, -33.3, -33.3, 0.0, 0.0, 0.0, ~
## $ oty_annual_avg_emplvl_chg        <dbl> 182, -1, -1, 0, 0, 0, 0, 0, 0, -67~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 2.6, -11.1, -11.1, 0.0, 0.0, 0.0, ~
## $ oty_total_annual_wages_chg       <dbl> 8242393, -1732, -1732, 10905, 1090~
## $ oty_total_annual_wages_pct_chg   <dbl> 7.7, -0.5, -0.5, 3.5, 3.5, 3.5, 3.~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 15, 49, 49, 36, 36, 36, 36, 36, 36~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 5.0, 6.7, 6.7, 4.7, 4.7, 4.7, 4.7,~
## $ oty_avg_annual_pay_chg           <dbl> 767, 2522, 2522, 1854, 1854, 1854,~
## $ oty_avg_annual_pay_pct_chg       <dbl> 4.9, 6.6, 6.6, 4.7, 4.7, 4.7, 4.7,~
## Fips loop: 0.365 sec elapsed
## [1] "'Middle' loop with FIPS = 72153"
```

```
## Rows: 101 Columns: 43

## -- Column specification ----------------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 101
## Columns: 43
## $ area_fips                        <dbl> 72153, 72153, 72153, 72153, 72153,~
## $ own_code                         <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                    <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                      <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                             <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                              <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                  <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                       <chr> "Yauco Municipio, Puerto Rico", "Y~
## $ own_title                        <chr> "Total Covered", "Federal Governme~
## $ industry_title                   <chr> "Total, all industries", "Total, a~
## $ agglvl_title                     <chr> "County, Total Covered", "County, ~
## $ size_title                       <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count          <dbl> 505, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1,~
## $ annual_avg_emplvl                <dbl> 6258, 28, 28, 20, 6, 3, 20, 20, 20~
## $ total_annual_wages               <dbl> 70250543, 1062533, 1062533, 730788~
## $ taxable_annual_wages             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage             <dbl> 216, 725, 725, 721, 651, 947, 721,~
## $ avg_annual_pay                   <dbl> 11226, 37723, 37723, 37476, 33839,~
## $ lq_disclosure_code               <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count       <dbl> 1.00, 0.84, 0.84, 0.75, 8.05, 0.52~
## $ lq_annual_avg_emplvl             <dbl> 1.00, 0.17, 0.18, 0.39, 4.06, 0.04~
## $ lq_total_annual_wages            <dbl> 1.00, 0.43, 0.45, 1.00, 7.32, 0.09~
## $ lq_taxable_annual_wages          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage          <dbl> 1.00, 2.47, 2.47, 2.65, 1.75, 3.05~
## $ lq_avg_annual_pay                <dbl> 1.00, 2.47, 2.47, 2.65, 1.75, 3.05~
## $ oty_disclosure_code              <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg  <dbl> 15, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> 3.1, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,~
## $ oty_annual_avg_emplvl_chg        <dbl> 272, -1, -1, 1, -1, 0, 1, 1, 1, 1,~
## $ oty_annual_avg_emplvl_pct_chg    <dbl> 4.5, -3.4, -3.4, 5.3, -14.3, 0.0, ~
## $ oty_total_annual_wages_chg       <dbl> 4812461, 7194, 7194, -4338, 13184,~
## $ oty_total_annual_wages_pct_chg   <dbl> 7.4, 0.7, 0.7, -0.6, 6.7, -1.3, -0~
## $ oty_taxable_annual_wages_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg     <dbl> 6, 17, 17, -10, 80, 75, -10, -10, ~
## $ oty_annual_avg_wkly_wage_pct_chg <dbl> 2.9, 2.4, 2.4, -1.4, 14.0, 8.6, -1~
```

```
## $ oty_avg_annual_pay_chg              <dbl> 295, 909, 909, -548, 4144, 3875, -~
## $ oty_avg_annual_pay_pct_chg          <dbl> 2.7, 2.5, 2.5, -1.4, 14.0, 8.5, -1~
## Fips loop: 0.485 sec elapsed
## [1] "'Middle' loop with FIPS = 78010"

## Rows: 159 Columns: 43

## -- Column specification ---------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 159
## Columns: 43
## $ area_fips                          <dbl> 78010, 78010, 78010, 78010, 78010,~
## $ own_code                           <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                      <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                        <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                               <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                         <chr> "St. Croix, Virgin Islands", "St. ~
## $ own_title                          <chr> "Total Covered", "Federal Governme~
## $ industry_title                     <chr> "Total, all industries", "Total, a~
## $ agglvl_title                       <chr> "County, Total Covered", "County, ~
## $ size_title                         <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count            <dbl> 1332, 23, 23, 4, 1, 18, 4, 1, 1, 1~
## $ annual_avg_emplvl                  <dbl> 17352, 412, 412, 151, 7, 253, 151,~
## $ total_annual_wages                 <dbl> 436360829, 15223765, 15223765, 544~
## $ taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage               <dbl> 484, 711, 711, 693, 667, 724, 693,~
## $ avg_annual_pay                     <dbl> 25148, 36996, 36996, 36028, 34659,~
## $ lq_disclosure_code                 <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count         <dbl> 1.00, 2.43, 2.44, 1.14, 3.05, 3.55~
## $ lq_annual_avg_emplvl               <dbl> 1.00, 0.93, 0.95, 1.05, 1.71, 1.13~
## $ lq_total_annual_wages              <dbl> 1.00, 1.00, 1.03, 1.20, 1.37, 1.18~
## $ lq_taxable_annual_wages            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions            <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage            <dbl> 1.00, 1.08, 1.08, 1.14, 0.80, 1.04~
## $ lq_avg_annual_pay                  <dbl> 1.00, 1.08, 1.08, 1.14, 0.80, 1.04~
## $ oty_disclosure_code                <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg    <dbl> -9, 2, 2, 0, 0, 2, 0, 0, 0, 0, 0, ~
## $ oty_annual_avg_estabs_count_pct_chg <dbl> -0.7, 9.5, 9.5, 0.0, 0.0, 12.5, 0.~
## $ oty_annual_avg_emplvl_chg          <dbl> -1123, 44, 44, 2, -1, 42, 2, 0, 0,~
## $ oty_annual_avg_emplvl_pct_chg      <dbl> -6.1, 12.0, 12.0, 1.3, -12.5, 19.9~
## $ oty_total_annual_wages_chg         <dbl> 11020649, 2330380, 2330380, 313967~
## $ oty_total_annual_wages_pct_chg     <dbl> 2.6, 18.1, 18.1, 6.1, 10.2, 26.4, ~
## $ oty_taxable_annual_wages_chg       <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
```

```
## $ oty_annual_contributions_chg          <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg      <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg          <dbl> 41, 37, 37, 32, 109, 36, 32, 77, 7~
## $ oty_annual_avg_wkly_wage_pct_chg      <dbl> 9.3, 5.5, 5.5, 4.8, 19.5, 5.2, 4.8~
## $ oty_avg_annual_pay_chg                <dbl> 2126, 1944, 1944, 1660, 5625, 1885~
## $ oty_avg_annual_pay_pct_chg            <dbl> 9.2, 5.5, 5.5, 4.8, 19.4, 5.3, 4.8~
## Fips loop: 0.687 sec elapsed
## [1] "'Middle' loop with FIPS = 78020"

## Rows: 48 Columns: 43

## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr  (7): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (3): disclosure_code, lq_disclosure_code, oty_disclosure_code
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 48
## Columns: 43
## $ area_fips                             <dbl> 78020, 78020, 78020, 78020, 78020,~
## $ own_code                              <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code                         <chr> "10", "10", "102", "1021", "1028",~
## $ agglvl_code                           <dbl> 70, 71, 72, 73, 73, 74, 75, 76, 77~
## $ size_code                             <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                                  <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                                   <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code                       <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                            <chr> "St. John, Virgin Islands", "St. J~
## $ own_title                             <chr> "Total Covered", "Federal Governme~
## $ industry_title                        <chr> "Total, all industries", "Total, a~
## $ agglvl_title                          <chr> "County, Total Covered", "County, ~
## $ size_title                            <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count               <dbl> 191, 5, 5, 1, 4, 1, 1, 1, 1, 1, 4,~
## $ annual_avg_emplvl                     <dbl> 1800, 18, 18, 11, 7, 11, 11, 11, 1~
## $ total_annual_wages                    <dbl> 30511079, 615186, 615186, 345160, ~
## $ taxable_annual_wages                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions                  <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage                  <dbl> 326, 660, 660, 608, 742, 608, 608,~
## $ avg_annual_pay                        <dbl> 16951, 34336, 34336, 31618, 38575,~
## $ lq_disclosure_code                    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count            <dbl> 1.00, 3.68, 3.70, 2.00, 5.50, 2.05~
## $ lq_annual_avg_emplvl                  <dbl> 1.00, 0.39, 0.40, 0.74, 0.30, 0.80~
## $ lq_total_annual_wages                 <dbl> 1.00, 0.58, 0.59, 1.09, 0.48, 1.15~
## $ lq_taxable_annual_wages               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions               <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage               <dbl> 1.00, 1.49, 1.49, 1.48, 1.58, 1.45~
## $ lq_avg_annual_pay                     <dbl> 1.00, 1.49, 1.49, 1.48, 1.58, 1.45~
## $ oty_disclosure_code                   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ oty_annual_avg_estabs_count_chg       <dbl> 14, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, ~
## $ oty_annual_avg_estabs_count_pct_chg   <dbl> 7.9, 25.0, 25.0, 0.0, 33.3, 0.0, 0~
## $ oty_annual_avg_emplvl_chg             <dbl> -77, 0, 0, 1, -1, 1, 1, 1, 1, 1, -~
## $ oty_annual_avg_emplvl_pct_chg         <dbl> -4.1, 0.0, 0.0, 10.0, -12.5, 10.0,~
```

```
## $ oty_total_annual_wages_chg          <dbl> -643070, -3543, -3543, 23123, -266~
## $ oty_total_annual_wages_pct_chg      <dbl> -2.1, -0.6, -0.6, 7.2, -9.0, 7.2, ~
## $ oty_taxable_annual_wages_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg    <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg        <dbl> 7, -7, -7, 4, -10, 4, 4, 4, 4, 4, ~
## $ oty_annual_avg_wkly_wage_pct_chg    <dbl> 2.2, -1.0, -1.0, 0.7, -1.3, 0.7, 0~
## $ oty_avg_annual_pay_chg              <dbl> 353, -359, -359, 200, -549, 200, 2~
## $ oty_avg_annual_pay_pct_chg          <dbl> 2.1, -1.0, -1.0, 0.6, -1.4, 0.6, 0~
## Fips loop: 0.308 sec elapsed
## [1] "'Middle' loop with FIPS = 78030"

## Rows: 198 Columns: 43

## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr  (8): industry_code, qtr, area_title, own_title, industry_title, agglvl_...
## dbl (33): area_fips, own_code, agglvl_code, size_code, year, annual_avg_esta...
## lgl  (2): disclosure_code, lq_disclosure_code

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## Rows: 198
## Columns: 43
## $ area_fips                   <dbl> 78030, 78030, 78030, 78030, 78030,~
## $ own_code                    <dbl> 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1~
## $ industry_code               <chr> "10", "10", "102", "1021", "1023",~
## $ agglvl_code                 <dbl> 70, 71, 72, 73, 73, 73, 74, 75, 76~
## $ size_code                   <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ year                        <dbl> 1995, 1995, 1995, 1995, 1995, 1995~
## $ qtr                         <chr> "A", "A", "A", "A", "A", "A", "A",~
## $ disclosure_code             <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ area_title                  <chr> "St. Thomas, Virgin Islands", "St.~
## $ own_title                   <chr> "Total Covered", "Federal Governme~
## $ industry_title              <chr> "Total, all industries", "Total, a~
## $ agglvl_title                <chr> "County, Total Covered", "County, ~
## $ size_title                  <chr> "All establishment sizes", "All es~
## $ annual_avg_estabs_count     <dbl> 1840, 26, 26, 2, 1, 23, 2, 1, 1, 1~
## $ annual_avg_emplvl           <dbl> 23075, 535, 535, 167, 3, 365, 167,~
## $ total_annual_wages          <dbl> 527565460, 21148654, 21148654, 625~
## $ taxable_annual_wages        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_contributions        <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ annual_avg_wkly_wage        <dbl> 440, 760, 760, 719, 623, 781, 719,~
## $ avg_annual_pay              <dbl> 22863, 39543, 39543, 37389, 32392,~
## $ lq_disclosure_code          <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA~
## $ lq_annual_avg_estabs_count  <dbl> 1.00, 1.99, 2.00, 0.41, 2.21, 3.28~
## $ lq_annual_avg_emplvl        <dbl> 1.00, 0.91, 0.93, 0.88, 0.55, 1.23~
## $ lq_total_annual_wages       <dbl> 1.00, 1.15, 1.18, 1.14, 0.45, 1.52~
## $ lq_taxable_annual_wages     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_contributions     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ lq_annual_avg_wkly_wage     <dbl> 1.00, 1.27, 1.27, 1.30, 0.82, 1.23~
## $ lq_avg_annual_pay           <dbl> 1.00, 1.27, 1.27, 1.30, 0.82, 1.23~
## $ oty_disclosure_code         <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA~
```

```
## $ oty_annual_avg_estabs_count_chg      <dbl> -61, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0,~
## $ oty_annual_avg_estabs_count_pct_chg  <dbl> -3.2, 4.0, 4.0, 0.0, 0.0, 4.5, 0.0~
## $ oty_annual_avg_emplvl_chg            <dbl> -1256, 72, 72, 8, 0, 64, 8, -2, -2~
## $ oty_annual_avg_emplvl_pct_chg        <dbl> -5.2, 15.6, 15.6, 5.0, 0.0, 21.3, ~
## $ oty_total_annual_wages_chg           <dbl> -640432, 2316840, 2316840, -20862,~
## $ oty_total_annual_wages_pct_chg       <dbl> -0.1, 12.3, 12.3, -0.3, 5.9, 18.7,~
## $ oty_taxable_annual_wages_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_taxable_annual_wages_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_chg         <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_contributions_pct_chg     <dbl> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0~
## $ oty_annual_avg_wkly_wage_chg         <dbl> 23, -23, -23, -43, 35, -15, -43, 1~
## $ oty_annual_avg_wkly_wage_pct_chg     <dbl> 5.5, -2.9, -2.9, -5.6, 6.0, -1.9, ~
## $ oty_avg_annual_pay_chg               <dbl> 1154, -1160, -1160, -2215, 1791, -~
## $ oty_avg_annual_pay_pct_chg           <dbl> 5.3, -2.8, -2.8, -5.6, 5.9, -1.9, ~
## Fips loop: 0.765 sec elapsed
## Year loop: 532.264 sec elapsed
```

Combine data sets

```
#
```