visualization-homework

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```
trees <- read_tsv(file = "../data-raw/TREE_SURVEYS.txt")
```

```
## Rows: 7508 Columns: 16
## -- Column specification ----------------------------------------------------
## Delimiter: "\t"
## chr (9): SITE, TREATMENT, PLOT, SPECIES, DEAD, HEIGHT, AXIS_2, MEASUREMENT, ...
## dbl (7): SURVEY, YEAR, BLOCK, ORIGINAL_TAG, NEW_TAG, AXIS_1, CIRC
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
?read_tsv
head(trees)
```

```
## # A tibble: 6 x 16
##    SURVEY  YEAR SITE  TREATMENT BLOCK PLOT   SPECIES ORIGI~1 NEW_TAG DEAD  HEIGHT
##     <dbl> <dbl> <chr> <chr>     <dbl> <chr>  <chr>     <dbl>   <dbl> <chr> <chr>
## 1       1  2009 SOUTH TOTAL         2 S2TOT~ Acacia~       1      NA N     3.4
## 2       2  2010 SOUTH TOTAL         2 S2TOT~ Acacia~       1      NA N     3.32
## 3       3  2011 SOUTH TOTAL         2 S2TOT~ Acacia~       1      NA N     3.65
## 4       4  2012 SOUTH TOTAL         2 S2TOT~ Acacia~       1      NA N     3.74
## 5       5  2013 SOUTH TOTAL         2 S2TOT~ Acacia~       1      NA N     3.59
## 6       1  2009 SOUTH TOTAL         2 S2TOT~ Acacia~       2      NA N     2.3
## # ... with 5 more variables: AXIS_1 <dbl>, AXIS_2 <chr>, CIRC <dbl>,
## #   MEASUREMENT <chr>, STEMS <chr>, and abbreviated variable name
## #   1: ORIGINAL_TAG
```

After visually insepcting the variables, it looks like height is character type and it should be numeric

```
str(trees)
```

```
## spc_tbl_ [7,508 x 16] (S3: spec_tbl_df/tbl_df/tbl/data.frame)
##  $ SURVEY      : num [1:7508] 1 2 3 4 5 1 2 3 4 5 ...
##  $ YEAR        : num [1:7508] 2009 2010 2011 2012 2013 ...
##  $ SITE        : chr [1:7508] "SOUTH" "SOUTH" "SOUTH" "SOUTH" ...
##  $ TREATMENT   : chr [1:7508] "TOTAL" "TOTAL" "TOTAL" "TOTAL" ...
##  $ BLOCK       : num [1:7508] 2 2 2 2 2 2 2 2 2 2 ...
##  $ PLOT        : chr [1:7508] "S2TOTAL" "S2TOTAL" "S2TOTAL" "S2TOTAL" ...
##  $ SPECIES     : chr [1:7508] "Acacia_etbaica" "Acacia_etbaica" "Acacia_etbaica" "Acacia_etbaica" ..
##  $ ORIGINAL_TAG: num [1:7508] 1 1 1 1 1 2 2 2 2 2 ...
##  $ NEW_TAG     : num [1:7508] NA NA NA NA NA NA NA NA NA NA ...
##  $ DEAD        : chr [1:7508] "N" "N" "N" "N" ...
##  $ HEIGHT      : chr [1:7508] "3.4" "3.32" "3.65" "3.74" ...
##  $ AXIS_1      : num [1:7508] 6.1 8.25 8.85 5.5 5 2.2 2.75 3.3 NA 3.7 ...
##  $ AXIS_2      : chr [1:7508] "5" "8.45" "9" "7.1" ...
```

```
##  $ CIRC        : num [1:7508] 37.8 18.8 57 60 55 14.2 18.4 25 NA 31 ...
##  $ MEASUREMENT : chr [1:7508] "D" "D" "C" "C" ...
##  $ STEMS       : chr [1:7508] "1" "1" "1" "1" ...
##  - attr(*, "spec")=
##   .. cols(
##   ..    SURVEY = col_double(),
##   ..    YEAR = col_double(),
##   ..    SITE = col_character(),
##   ..    TREATMENT = col_character(),
##   ..    BLOCK = col_double(),
##   ..    PLOT = col_character(),
##   ..    SPECIES = col_character(),
##   ..    ORIGINAL_TAG = col_double(),
##   ..    NEW_TAG = col_double(),
##   ..    DEAD = col_character(),
##   ..    HEIGHT = col_character(),
##   ..    AXIS_1 = col_double(),
##   ..    AXIS_2 = col_character(),
##   ..    CIRC = col_double(),
##   ..    MEASUREMENT = col_character(),
##   ..    STEMS = col_character()
##   .. )
##  - attr(*, "problems")=<externalptr>
```

trees$HEIGHT

```
##    [1] "3.4"   "3.32"  "3.65"  "3.74"  "3.59"  "2.3"   "2.32"
##    [8] "2.75"  NA      "2.86"  "1.8"   "2.95"  "3"     NA
##   [15] "3.43"  "2.1"   "2.25"  "2.6"   "2.7"   "2.89"  "3.35"
##   [22] "3.1"   "3.25"  "3.75"  "3.42"  "2.7"   "2.6"   "3.02"
##   [29] "3.35"  "3.86"  "3.45"  "3.35"  "3.45"  "3.81"  "3.3"
##   [36] "1.2"   "1.1"   "1.6"   "1.91"  "2.05"  "1.3"   "1.72"
##   [43] "2.12"  "2.36"  "2.73"  "2.2"   "2.6"   "2.87"  "3.31"
##   [50] "3.44"  "2.4"   "2.4"   "2.68"  "3.15"  "3.17"  "1.3"
##   [57] "1.4"   "1.2"   NA      "2.08"  "2"     "2.15"  "2.2"
##   [64] "2.1"   "2.18"  "1.95"  "2.1"   "2.3"   "2.32"  "2.45"
##   [71] "2.6"   "2.87"  "2.9"   "3.47"  "3.49"  "1.4"   "1.7"
##   [78] "1.84"  "2.2"   "2.51"  "1.55"  "1.7"   "1.9"   "2.1"
##   [85] "2.1"   "2.9"   "2.95"  "3.24"  "3.75"  "4.01"  "4.6"
##   [92] "4.95"  "5.1"   "4.3"   "4.4"   "2.3"   "2.5"   "2.78"
##   [99] "3"     "3.2"   "2.4"   "2.64"  "3.3"   "3.9"   "3.75"
##  [106] "1.4"   "1.69"  "2.34"  "2.7"   "2.79"  "1.1"   "1.74"
##  [113] "2"     "2.1"   "1.94"  "2.1"   "2.25"  "2.75"  "2.9"
##  [120] "2.98"  "1.4"   "1.35"  "1.8"   "1.65"  NA      "1.15"
##  [127] "0.9"   "1.35"  "1.8"   "2.42"  "1.9"   "2.29"  "2.9"
##  [134] "3.4"   "3.51"  "2.85"  "3.42"  NA      "6.41"  "2.6"
##  [141] "2.8"   "4"     "4.24"  "2.45"  "2.85"  "3.65"  "4.45"
##  [148] "2.2"   "2.4"   "2.3"   "2.4"   "2.58"  "1.9"   "1.95"
##  [155] "2.19"  "3.13"  "0.65"  "0.6"   "0.71"  "1.2"   "1.67"
##  [162] "2.17"  "2.35"  "2.45"  "2.25"  "2.05"  "0.5"   NA
##  [169] NA      "2.4"   "2.45"  "2.9"   "3.15"  "3.1"   "4"
##  [176] "4"     "3"     "4.85"  "5.78"  "2.55"  "3.9"   "4.55"
##  [183] "4"     "4.55"  "3.7"   "3.8"   "3.75"  "3.88"  "1.5"
##  [190] "1.6"   "1.9"   "2.15"  "2.23"  "1"     "0.93"  "1.15"
##  [197] "1.65"  "2.37"  "0.23"  "0.3"   "0.35"  "0.3"   "0.6"
```

```
## [204] "0.58"  "0.6"   "0.6"   "0.6"   "2.62"  "2.9"   "3.12"
## [211] "3.3"   "3.25"  "1.1"   "1.2"   "1.45"  "1.45"  "2.47"
## [218] "2.25"  "2.55"  "2.78"  "3.15"  "3.27"  "1.58"  "1.7"
## [225] "2.2"   "2.2"   "2.38"  "2.45"  "2.8"   "3.01"  "3"
## [232] "3.15"  "1.75"  "1.75"  "1.9"   "1.9"   "1.97"  "2"
## [239] "2.1"   "1.9"   "1.75"  "1.76"  "1.7"   "1.8"   "1.8"
## [246] "1.8"   "1.91"  "2.6"   "2.4"   "2.8"   "2.7"   "2.08"
## [253] "1.9"   "1.88"  "1.9"   "2.02"  "2.65"  "1.4"   "1.6"
## [260] "1.85"  "1.75"  "1.8"   "0.8"   "0.85"  "1.15"  "1.38"
## [267] "1.7"   "1.85"  "1.9"   "2"     "1.9"   "2.36"  "1.5"
## [274] "1.65"  "1.89"  "1.85"  "1.83"  "1.5"   "1.7"   "1.9"
## [281] "1.65"  "1.71"  "2.19"  "2.4"   "2.35"  "2.15"  "2.2"
## [288] "3.4"   "3.55"  "3.36"  "3.2"   "3"     "1.8"   "2"
## [295] "2.2"   "2.4"   "2.25"  "2"     "2.25"  "2.45"  "2.6"
## [302] "2.93"  "1.55"  "1.85"  "2.25"  "2.2"   "2.45"  "2.1"
## [309] "2.2"   "2.3"   "2.49"  "2.66"  "0.9"   "2.4"   "2.38"
## [316] "2.91"  "3.41"  "2"     "1.1"   "0.92"  "1.7"   "1.96"
## [323] "2.25"  "2.42"  "2.55"  "2.5"   "2.44"  "1.65"  "1.55"
## [330] "2.05"  "2.43"  "2.43"  "3.3"   "3.8"   "3.69"  "4"
## [337] "7.25"  "1.62"  "1.5"   "2"     "2.5"   "2.7"   "2.7"
## [344] "3.3"   "3.6"   "3.6"   "4"     "2.9"   "3"     "3.25"
## [351] "4"     "3.95"  "1.35"  "1.5"   "1.75"  "1.85"  "2.13"
## [358] "3.3"   "3.3"   "3.14"  "3.65"  "3.81"  "0.9"   NA
## [365] "0.95"  "0.74"  "0.7"   "10"    "6"     "7.2"   "7.6"
## [372] "4.7"   "2.44"  "2.8"   "3.2"   "4.1"   "4.49"  "2.3"
## [379] "2.63"  "2.71"  "3.34"  "0.79"  "1"     "0.6"   "0.5"
## [386] "0.6"   "2.27"  "2.5"   "3.31"  "3.2"   "3.82"  "1.45"
## [393] "1.4"   "1.5"   "1.15"  "1.44"  "1.13"  "1.2"   "0.61"
## [400] "0.73"  "0.65"  "0.53"  "0.6"   "0.47"  "0.55"  "2.55"
## [407] "2.4"   "2.53"  "2.5"   "2.13"  "1.8"   "2.05"  "2.25"
## [414] "2.75"  "2.1"   "2.05"  "2.35"  "2.63"  "2.25"  "1.14"
## [421] "2.6"   "2.55"  "2.79"  "2.8"   "3.8"   "2.52"  "2.8"
## [428] "2.7"   "2.8"   "3.4"   "1"     "1.1"   "1.35"  "1.3"
## [435] "1.22"  "1.75"  "1.8"   "1.85"  "1.55"  NA      "1.1"
## [442] "1"     "1.2"   "1.3"   "1.25"  "1.35"  "1.5"   "1.24"
## [449] NA      "1.4"   "1.45"  "1.55"  "1.5"   "1.62"  "1.6"
## [456] "1.7"   "1.75"  "1.65"  "1.75"  "2.16"  "2.3"   "2.16"
## [463] "2.17"  "2.43"  "1.3"   "1.28"  "1.45"  "1.28"  "1.25"
## [470] "1"     "1.1"   "1.4"   "1.07"  "1.1"   "0.75"  "0.63"
## [477] "0.82"  "0.67"  "0.7"   "0.5"   "0.45"  "0.62"  "0.68"
## [484] "0.9"   "2.15"  "2.15"  "2.25"  NA      NA      "3.74"
## [491] "3.75"  "4.35"  "4.1"   "5.9"   "2.45"  "2.37"  "2.75"
## [498] "0.3"   NA      "2.7"   "3"     "3.25"  "2.9"   "4"
## [505] "2.59"  "2.8"   "3.2"   "2.95"  "3.8"   "2.75"  "3.15"
## [512] "3.3"   "2.95"  "3.66"  "2.72"  "2.65"  NA      NA
## [519] NA      "2.64"  "2.84"  "3.1"   "3.15"  "3.45"  "3.94"
## [526] "4"     "4"     "4.1"   "4.1"   "3.06"  "3.05"  "3.65"
## [533] "3.57"  "3.6"   "1.95"  "2.05"  "2.55"  "2.3"   "2.87"
## [540] "1"     "1.5"   "1.85"  "2.75"  "2.72"  "2.52"  "2.35"
## [547] "2.5"   "2.4"   "2.92"  "2.2"   "2.8"   "2.65"  "2.9"
## [554] "2.8"   "2.1"   "2.1"   "2.5"   "2.35"  "2.7"   "2.05"
## [561] "2"     "2.25"  "1.4"   "1.9"   "1.6"   "2"     "2.2"
## [568] "2.1"   "2.4"   "2.74"  "2.79"  "2.95"  "3"     "3.38"
## [575] "1.62"  NA      "3.59"  "3.2"   "2.8"   NA      NA
```

```
## [582] "2.1"   "2"     "2.07"  "2.15"  "1.64"  "2.09"  "2"
## [589] "2.2"   "1.9"   "1.85"  "2.85"  "2.45"  "2.95"  "2.8"
## [596] "2.61"  "3.31"  "2.5"   "2.4"   "1.8"   "1.71"  "2.08"
## [603] NA      NA      NA      NA      "2.75"  "2.3"   "2.5"
## [610] "2.95"  "3.63"  "1.25"  "0.78"  "1.5"   "2.05"  "2.38"
## [617] "1.7"   "2.3"   "2.5"   "2.28"  "1.7"   "1.68"  "1.3"
## [624] "1.6"   "1.47"  "1.72"  "1.65"  "1.5"   "1.4"   "1.25"
## [631] "1.3"   "1.72"  "1.55"  "2.3"   "2.02"  "1.9"   "2.76"
## [638] "3.17"  "2.95"  "2.65"  "3.18"  "1.25"  "1.25"  "1.5"
## [645] "1.35"  "1.55"  "1.75"  "1.2"   "1.5"   "1.8"   "1.82"
## [652] "1.76"  NA      NA      NA      NA      "1.8"   "1.75"
## [659] "1.9"   "1.8"   "1.8"   "1.3"   NA      "1.75"  "2.88"
## [666] NA      "2.07"  "2.05"  "2.2"   "1.3"   NA      "1.45"
## [673] "2.25"  "1.6"   "1.3"   "1.46"  "2.58"  "2.65"  "2.7"
## [680] "2.4"   "2.44"  "2.58"  "2.1"   NA      NA      NA
## [687] "2.9"   "2.95"  "3.05"  "3.05"  "3.34"  "2.69"  "2.55"
## [694] "2.65"  "2.6"   "2.99"  "2.75"  "3.05"  "2.87"  "2.87"
## [701] "3.38"  "1.9"   "2.7"   "2.05"  "1.85"  "1.95"  "2.55"
## [708] "2.55"  "2.76"  "2.3"   "2.45"  "1.89"  "2.04"  "2.02"
## [715] NA      NA      "1.9"   "2.1"   "2.24"  "2.5"   "2.42"
## [722] "2.34"  "2.32"  "2.6"   "2.35"  "2.69"  "1.3"   "1.35"
## [729] "1.6"   "1.5"   "1.85"  "2.93"  "3"     "3.72"  "4.2"
## [736] "4.56"  "1.94"  "1.9"   "2.4"   "2.35"  "2.85"  "2.05"
## [743] "2.75"  "2.9"   "3.2"   "3.24"  "2.1"   "1.75"  "2.5"
## [750] "4.5"   "2.49"  "2.45"  "2.45"  "2.8"   "3"     "3.8"
## [757] "1.4"   "1.8"   "1.75"  "2.15"  "2.34"  "1.5"   "1.75"
## [764] "2.1"   "2"     "2.3"   "3.5"   "3.9"   "3.92"  "3.9"
## [771] "3.88"  "1.2"   "1.2"   "1.6"   "2.2"   "2.4"   "1.3"
## [778] "1.45"  "1.8"   "2.15"  "2.09"  "2.9"   "2.9"   "3.15"
## [785] "3.5"   NA      "2"     "2.5"   "2.9"   "2.83"  "2.74"
## [792] "1.4"   "1.65"  "2.75"  "4.5"   "3.2"   "2.7"   "2.85"
## [799] "3.05"  "3"     "2.35"  "1.3"   "1.4"   "1.91"  "2.2"
## [806] "1.66"  "1.9"   "2.1"   "2.31"  "2.25"  "2.77"  "2.35"
## [813] "2.4"   "2.11"  "3.15"  "3.36"  "3.44"  "2.4"   "2.48"
## [820] "2.4"   "2.5"   "2.25"  "2.67"  "4"     "3.9"   "4.2"
## [827] "3.37"  "3.59"  "4.5"   "4"     "3.55"  "2.64"  "2.65"
## [834] "3.55"  "2.84"  "3.05"  "1.1"   "1.3"   "1.6"   "1.64"
## [841] "2.08"  "2.8"   "3.03"  "2.64"  "2.4"   "2.7"   "2.6"
## [848] "2.79"  "2.96"  "2.8"   "2.95"  "2.4"   "2.15"  "2.04"
## [855] "2.22"  "2.15"  "3.25"  "3.1"   "3.24"  "2.9"   "3.14"
## [862] "1.97"  "2.95"  "2.1"   "2.05"  "2"     "2.41"  "2.51"
## [869] "2.73"  "2.6"   "2.98"  "3.45"  "3.27"  "3.33"  "2.2"
## [876] "3.15"  "1.8"   "1.7"   "2.13"  "2.78"  "2.59"  "1.9"
## [883] "1.7"   "1.91"  "2.55"  "2.24"  "4.51"  "5.4"   "5.9"
## [890] "6.83"  "2.77"  NA      NA      "2.42"  "2.5"   "2.49"
## [897] "2.88"  "2.95"  "2.05"  "2.28"  "2.17"  "1.75"  "2.15"
## [904] "1.18"  "1.45"  "1.2"   "1.64"  "1.8"   NA      "2.55"
## [911] "2.7"   "3.05"  "3.35"  "3.59"  "2.42"  "2.73"  "2.85"
## [918] "3.15"  "2.9"   "3.25"  "3.31"  "3.55"  "3.82"  "4.23"
## [925] "2.7"   "2.85"  "3.3"   "3.5"   "3.72"  "1.45"  "1.55"
## [932] "2.45"  "2.9"   "4.79"  "3.15"  "3.35"  "3.95"  "4.5"
## [939] "4.3"   "3.14"  "3.05"  "3.6"   "3.3"   "3.95"  "2.8"
## [946] "2.9"   "2.95"  "3.4"   "2.98"  "2.52"  "2.25"  "2.8"
## [953] "3"     "3.15"  "1.85"  "1.9"   "1.9"   "2"     "2.1"
```

```
##  [960] "2.65"  "3.19"  "3.1"   "3.6"   "3.9"   "3.9"   "4.02"
##  [967] "4.27"  "5"     "4.63"  "1.2"   "1.65"  "1.9"   "2.2"
##  [974] "2.5"   "5.2"   "5.85"  "5.75"  "7"     "6.27"  "3.3"
##  [981] "4.3"   "3.6"   "4.5"   "4.7"   "5.9"   "6.57"  "6.42"
##  [988] "6.3"   "6.6"   "1.85"  "2.2"   "2.45"  "2.8"   "3.21"
##  [995] "1.1"   "1.45"  "1.7"   "1.7"   "1.9"   "2.45"  "2.95"
## [1002] "3.05"  "2.8"   "3.85"  "1.02"  "1.6"   "4"     "2.6"
## [1009] "2.78"  "4"     "4"     "4.45"  "4.2"   "5.23"  "1.8"
## [1016] "1.8"   "2.8"   "2.2"   "2.44"  "1.5"   "2.65"  "3.4"
## [1023] "4.7"   "4"     "1.5"   "2.3"   "4"     "3.6"   "4.29"
## [1030] "1.5"   "1.23"  "2.1"   "2.6"   "2.71"  "2.6"   "2.6"
## [1037] "2.6"   "3"     "3.2"   "2.45"  "2.55"  "2.8"   "2.4"
## [1044] "2.8"   "2.9"   "2.4"   "2.75"  "3.1"   "2.89"  "2.72"
## [1051] NA      "2.25"  "2.5"   "2.6"   "1"     "1.1"   "1.4"
## [1058] "1.3"   "1.1"   "6.35"  "6.74"  "6.1"   "6.7"   "6.1"
## [1065] "3.2"   "3.35"  "4.6"   "4.2"   "5.19"  "1.72"  "2.05"
## [1072] "2.3"   "2.3"   "2.47"  "1.05"  "1.12"  "1.2"   "1.4"
## [1079] "1.64"  "1.41"  "1.55"  "1.85"  "2.25"  "2.49"  "2.63"
## [1086] "2.5"   "2.75"  "2.65"  "2.74"  "1.35"  "1.6"   "1.8"
## [1093] "2"     "2.15"  "2.55"  "1.83"  "2.8"   "2.5"   "2.6"
## [1100] "2"     "2.3"   "2.15"  "2.5"   "2.65"  "2.65"  "2"
## [1107] "3.15"  "3.2"   "3.35"  "1.5"   "1.75"  "1.8"   "1.85"
## [1114] "1.95"  "2.05"  "1.65"  "2.3"   "2.7"   "2.6"   "2.2"
## [1121] "1.6"   "2.4"   "2.4"   "2.45"  "2.6"   "1.87"  "2.85"
## [1128] "2.9"   "3"     "1.85"  "1.95"  "2.3"   "2.9"   "3.82"
## [1135] "1.4"   "1.7"   "1.8"   "1.85"  "2.05"  "2.7"   "2.5"
## [1142] "3"     "2.95"  "3.44"  "1.4"   "2.22"  "3.1"   "3.25"
## [1149] "3.55"  "1.85"  "3.25"  "2.04"  "2.3"   "2.9"   "2.32"
## [1156] "2.69"  "3.7"   "3.8"   "3.9"   "2.52"  "1.8"   "3.65"
## [1163] "3.85"  "4.5"   "2"     "2.1"   "2.65"  "2.6"   "2.66"
## [1170] "1.9"   "1.55"  "2.1"   "2.7"   "2.6"   "2.5"   "2.35"
## [1177] "2.57"  NA      "2.73"  "1.4"   "1.5"   "1.8"   "1.9"
## [1184] "2.23"  "1.9"   "2.1"   "2.6"   "2.6"   "2.77"  "2.5"
## [1191] "2.4"   "3.4"   "3.85"  "3.2"   "2.92"  "1.95"  "4"
## [1198] "3.55"  "3.85"  "2.24"  "1.73"  "3.1"   "3.7"   "3.73"
## [1205] "2"     "1.69"  "2.35"  "2.2"   "2.37"  "3.35"  "3.6"
## [1212] "3.8"   "2.6"   "2.57"  "1.4"   "1.7"   "2.45"  "2.95"
## [1219] "2.85"  "1.4"   "1.7"   "2.15"  "2.5"   "2.64"  "2.4"
## [1226] "2.2"   "3.1"   "2.7"   "3.3"   "2.6"   "2.9"   "4.25"
## [1233] "4.8"   "4.5"   "1.8"   "2"     "2.9"   "3.3"   "3.55"
## [1240] "2.1"   "2.85"  "3.5"   "3.65"  "3.63"  "2.1"   "3.9"
## [1247] "2.7"   "2.95"  "4.6"   "1.2"   "0.85"  "1.1"   "1"
## [1254] "0.9"   "3.95"  "3.92"  "4.3"   "4.3"   "4.61"  "2.34"
## [1261] "3.05"  "3.5"   "3.8"   "4.05"  "2.91"  "1.75"  "2.9"
## [1268] "3.1"   "2.9"   "2"     "2.6"   "2.4"   "2.45"  "2.4"
## [1275] "4.3"   "4.25"  "4.25"  "4.3"   "4.38"  "3.9"   "3.65"
## [1282] "5.1"   "4.1"   "3.95"  "2.49"  "2.55"  "3.4"   "3"
## [1289] "3.85"  "2.5"   "2.45"  "2.8"   "2.9"   "2.97"  "2.15"
## [1296] "1.95"  "1.85"  "2.2"   "2.29"  "2"     "2.08"  "2.15"
## [1303] "2.54"  "2.55"  "2.35"  "2.2"   "2.57"  "1.8"   "2.98"
## [1310] "2.75"  "2.8"   "2.95"  "2.85"  "3.27"  "2.4"   "2.42"
## [1317] "2.4"   "3.1"   "3.1"   "2.6"   "1.95"  NA      NA
## [1324] NA      "1.55"  "1.5"   "0.85"  "3.9"   "4.1"   "2.45"
## [1331] "2.2"   "2.3"   "1.6"   "2.65"  "1.85"  "9.9"   "2.45"
```

```
## [1338] "3"      "3.18"   "2.19"   "1.5"    "1.9"    "2.2"    "2.32"
## [1345] "3.35"   "3.5"    "2.45"   "1.8"    "1.5"    "1.4"    "1.51"
## [1352] "1.9"    "1.75"   "2.14"   "1.33"   "1.16"   "1.5"    "1.6"
## [1359] "1.45"   "1.4"    "1.15"   "0.9"    NA       "0.84"   "1.2"
## [1366] "1.75"   "1.5"    "1.9"    "2.23"   "1.35"   "0.81"   "1.4"
## [1373] "1.7"    "1.91"   "1.3"    "1.1"    "1.5"    "1.6"    "1.75"
## [1380] "1.3"    "0.96"   "1"      "1.2"    "1.47"   "1.8"    "1.48"
## [1387] "1.85"   "1.55"   "1.7"    "1.45"   "1.5"    "1.6"    "2.5"
## [1394] "1.35"   "1.92"   "1.85"   "1.9"    "1.85"   "1.82"   "2.15"
## [1401] "2.2"    "3"      "2.7"    "2.45"   "2.3"    "1.75"   "2"
## [1408] "1.75"   "1.75"   "1.55"   "2.15"   "1.8"    "1.7"    "1.12"
## [1415] "2.45"   "2.7"    "2.5"    "2.5"    "2.42"   "1.4"    "1.4"
## [1422] "1.4"    "1.45"   "1.3"    "3.1"    "3.15"   "2.95"   "2.9"
## [1429] "3.05"   "2.05"   "2.25"   "3.75"   "2.2"    "2.57"   "2.25"
## [1436] "2.1"    "1.9"    "2.7"    "2.2"    "1.2"    "1.25"   "1.7"
## [1443] "1.9"    "2.25"   "2.11"   "2.05"   "2.55"   "2.2"    "2.58"
## [1450] "1.6"    "1.8"    "1.95"   "2"      "1.95"   "2.29"   "2.45"
## [1457] "0.8"    "1.7"    "1.85"   "2.6"    "2.55"   "2.6"    "2.6"
## [1464] "2.35"   "1.68"   "1.52"   "1.2"    "2.2"    "1.35"   "2.16"
## [1471] "1.95"   "1.8"    "1.8"    "1.85"   "0.98"   "1.15"   "1.7"
## [1478] "1.5"    "1.55"   "2.66"   "2.8"    "2.9"    "2.5"    "2.8"
## [1485] "1.08"   "1.15"   "1.3"    "1.6"    "1.64"   "1.44"   NA
## [1492] "0.5"    NA       "0.73"   "2.8"    "3.75"   "3.35"   "3.5"
## [1499] "3.45"   "2.82"   "2.75"   "3.25"   "3.45"   "3.68"   "2.7"
## [1506] "2.75"   "3.2"    "3.14"   "3.6"    "1.9"    "1.7"    "2.3"
## [1513] "2.85"   "2.71"   "2.64"   "2.75"   "3.15"   "3.2"    "3.61"
## [1520] "2.35"   "2.4"    "2.55"   "2.9"    "3.24"   "2.34"   "3"
## [1527] "3.44"   "3.35"   "3.63"   "2.25"   "2.45"   "2.65"   "2.9"
## [1534] "2.92"   "2.05"   "1.75"   "2.05"   "2.35"   "2.78"   "2.1"
## [1541] "2.05"   "2.6"    "2.65"   "2.76"   "1.8"    "2"      "2.3"
## [1548] "2.5"    "2.61"   "3.3"    "3.67"   "4.2"    "4.2"    "5.08"
## [1555] "1.95"   "2.05"   "2.35"   "2.64"   "3.15"   "2.5"    "3.4"
## [1562] "3.3"    "3.7"    "4.73"   "1.25"   "1.65"   "1.95"   "2.74"
## [1569] "2.26"   "2.2"    "2.8"    "2.6"    "2.95"   "3.18"   "2.22"
## [1576] "2.2"    "2.8"    "3"      "3.1"    "2.8"    "2.8"    "3.25"
## [1583] "3.3"    "3.75"   "1.8"    "2"      "2.7"    "2.85"   "3.05"
## [1590] "2.4"    "2.29"   "3.2"    "3.35"   "3.69"   "2.42"   "2.4"
## [1597] "2.65"   "3.5"    "2.89"   "2.75"   "2.8"    "3"      "2.7"
## [1604] "4.09"   "2.8"    "2.85"   "2.8"    "2.4"    "2.63"   "2.35"
## [1611] "2.45"   "2.95"   "2.8"    "3.14"   "3.25"   "3.82"   "3.97"
## [1618] "3.8"    "4.22"   "1.4"    "1.2"    "2.15"   "2.44"   "2.73"
## [1625] "2.95"   "2.95"   "3.2"    "3.6"    "4.14"   "1.2"    "1.2"
## [1632] "1.85"   "1.9"    "1.5"    "2.05"   "2.05"   "2.2"    "2.1"
## [1639] "2.13"   "1.8"    "1.9"    "2.74"   "3.1"    "2.82"   "0.81"
## [1646] "1.2"    "1.6"    "1.74"   "1.95"   "2.5"    "1.85"   "3.1"
## [1653] "3.1"    "3.08"   "1.58"   "1.6"    "2"      "2.05"   "2.22"
## [1660] "1.35"   "1.45"   "1.87"   "2.2"    "2.34"   "1.49"   "2.3"
## [1667] "1.8"    "1.95"   "2.2"    "2.45"   "1.95"   "2.65"   "2.5"
## [1674] "2.56"   "2.1"    "1.9"    "2.5"    "2.6"    "2.75"   "1.9"
## [1681] "2.4"    "2.7"    "2.7"    "3.09"   "1.95"   "2.31"   "3.05"
## [1688] "3.05"   "2.95"   "4.09"   "4.35"   "5.14"   "4.95"   "4.39"
## [1695] "3.14"   "3.25"   "3.6"    "2.9"    "2.59"   "1.41"   "1.7"
## [1702] "2.8"    "3.3"    "3.66"   "2.08"   "2"      "2.2"    "2.05"
## [1709] "1.97"   "1.17"   "1.9"    "2.05"   "3.35"   "3.11"   "2.33"
```

```
## [1716] "2.4"     "2.05"    "2.65"    "3.23"    "3.2"     "3.15"    "3.8"
## [1723] "3.5"     "3.25"    "0.88"    "0.81"    "1"       "3.6"     "1.1"
## [1730] "1.51"    "1.3"     "1.8"     "1.87"    "2.05"    "2.25"    "2.35"
## [1737] "2.6"     "2.38"    "2.65"    "1.37"    "1.1"     "2.35"    "2.58"
## [1744] "2.35"    "2.03"    "2.7"     "2.2"     "2.65"    "2.5"     "1.47"
## [1751] "1.5"     NA        NA        NA        "2.94"    "2"       "2.3"
## [1758] "2.35"    "2.35"    "1.95"    "2.05"    "1.95"    "1.88"    "2.21"
## [1765] "2.45"    "2.3"     "2.6"     "3.1"     "3.63"    "3.8"     "2.65"
## [1772] "4.1"     "4.35"    "4.72"    "2.8"     "2.9"     "2.9"     "2.3"
## [1779] "3.35"    "2.45"    "2.24"    "3.1"     "3.7"     "3.97"    "2.6"
## [1786] "2.45"    "2.8"     "3.6"     "3.32"    "2.7"     "2.7"     "3.1"
## [1793] "3.35"    "3.08"    "1.9"     "1.8"     "2.2"     "2.5"     "2.1"
## [1800] "2.35"    "2.4"     "2.9"     "2.97"    "3.1"     "2.5"     "2"
## [1807] "2.7"     "2.9"     "2.68"    "2.35"    "2.25"    "2.65"    "3"
## [1814] "2.7"     "1.4"     "1.45"    "1.9"     "2.2"     "2.58"    "1.5"
## [1821] "1.51"    "1.9"     "2"       "2.39"    "2.5"     "2.3"     "2.8"
## [1828] "3.5"     "3.34"    "1.8"     "1.8"     "2.2"     "3"       "3.09"
## [1835] "1.8"     "1.89"    "2.2"     "2.8"     "3.16"    "1.85"    "1.85"
## [1842] "2.05"    "3.3"     "2.8"     "1.35"    "1.45"    "1.7"     "2.1"
## [1849] "2.29"    "2.5"     "2.8"     "2.8"     "3.05"    "3"       "1.45"
## [1856] "1.51"    "2.35"    "1.75"    "2.58"    "1.3"     "1.5"     "1.75"
## [1863] "2.8"     "2.1"     "1.59"    "1.75"    "1.9"     "2"       "2.06"
## [1870] "2.22"    "2.45"    "2.9"     "3"       "3.04"    "2.05"    "2"
## [1877] "2.15"    "2.05"    "2.3"     "2.37"    "2.4"     "2.75"    "2.94"
## [1884] "3.31"    "2.65"    "2.77"    "2.75"    "3.2"     "missing" "1.63"
## [1891] "1.5"     "1.85"    "1.8"     "1.8"     "3.24"    "3.28"    "3.9"
## [1898] "3.8"     "3.9"     "2.08"    "1.14"    "2.55"    "3.48"    "4.34"
## [1905] "1.36"    "1.45"    "2.45"    "2.4"     "2.05"    "2.4"     "2.45"
## [1912] "2.7"     "2.5"     "2.79"    "1.28"    "1.3"     "1.6"     "1.9"
## [1919] "1.69"    "2.17"    "2"       "2.2"     "2"       "2.12"    "1.05"
## [1926] "1.2"     "1.4"     "1.35"    "1.25"    "1.48"    "1.5"     "1.8"
## [1933] "1.9"     "2"       "1.82"    "1.9"     "2.35"    "1.8"     "1.85"
## [1940] "3.12"    "2.5"     "2.9"     "2.8"     "2.62"    "1.57"    "1.5"
## [1947] "1.7"     "2"       "1.97"    "1.18"    "1.2"     "1.8"     "1.9"
## [1954] "1.75"    "2.16"    "2.04"    "2.12"    "2.45"    "2.38"    "3.64"
## [1961] "2.24"    "3.75"    "3.7"     "3.6"     "1.69"    "1.8"     "2.05"
## [1968] "2.25"    "2.4"     "2.15"    "2.75"    "3"       "3.1"     "3.4"
## [1975] "2.64"    "2.8"     "2.75"    "3.15"    "3.05"    "2.68"    "2.35"
## [1982] "2.65"    "2.55"    "2.62"    "1.99"    "2.2"     "2.5"     "2.35"
## [1989] "2.7"     "2.15"    "2.6"     "2.85"    "2.8"     "3.21"    "4.15"
## [1996] "4.09"    "4.1"     "3.84"    "4.24"    "4.24"    "4.36"    "4.4"
## [2003] "3.92"    "4.52"    "1.55"    "2.87"    "2.65"    "2.9"     "3.32"
## [2010] "4.55"    "4.45"    "5.1"     "4.4"     "5.6"     "2.1"     "2.04"
## [2017] NA        NA        NA        "1.85"    "1.78"    "1.75"    "1.8"
## [2024] "1.72"    "1.85"    "1.7"     "2.1"     "2.47"    "2.55"    "1.94"
## [2031] "1.8"     "1.92"    "2.15"    "2.1"     "1.8"     "1.75"    "1.75"
## [2038] "1.9"     "1.95"    "1.62"    "1.7"     "1.9"     "1.7"     "1.77"
## [2045] "1.1"     "1.1"     "1.5"     "1.95"    "2.23"    "1.4"     "1.35"
## [2052] "1.65"    "1.8"     "2"       "1.14"    "0.8"     "1.3"     "1.4"
## [2059] "1.68"    "1.09"    "1.1"     "1.35"    "1"       "0.95"    "1.3"
## [2066] "1.35"    "1.8"     "1.75"    "2.12"    "2.45"    "2.7"     "2.7"
## [2073] "3.1"     "3.65"    "2.75"    "2.9"     "3.3"     "2.84"    "3.3"
## [2080] "1.35"    "1.5"     "1.84"    "2.12"    "2.33"    "2.55"    "2.45"
## [2087] "2.8"     "3"       "3.35"    "2.17"    "2.04"    "2.9"     "2.6"
```

```
## [2094] "3.15"   "2.35"   "3.32"   "2.7"    "3.05"   "3.28"   "2.3"
## [2101] "2"      "2.5"    "2.4"    "2.65"   "2.15"   "2.05"   "2.3"
## [2108] "1.95"   "2.26"   "2.45"   "2.54"   "2.8"    "2.35"   "2.52"
## [2115] "2.4"    "2.61"   "2.9"    "3.1"    "3.39"   "2"      "2.08"
## [2122] "2.4"    "2.35"   "2.36"   "2.9"    "3.15"   "3.3"    "2.4"
## [2129] "3.35"   "1.8"    "1.8"    "2.35"   "2.4"    "2.63"   "2.6"
## [2136] "2.7"    "2.9"    "2.65"   "2.95"   "2.5"    "2.91"   "3.1"
## [2143] "2.86"   "3.38"   "1.2"    "1.2"    "1.3"    "1.45"   "1.66"
## [2150] "2.2"    "2.3"    "2.25"   NA       NA       "1.4"    "1.5"
## [2157] "1.8"    "1.83"   "1.84"   "2.7"    "2.7"    "3.25"   "2.8"
## [2164] "3.47"   "2.15"   "2.18"   "2.75"   "2.8"    "2.89"   "2.3"
## [2171] "2.47"   "2.9"    "3.55"   "3.05"   "1.9"    "2.44"   "2.7"
## [2178] "2.42"   "2.63"   "1.85"   "1.9"    "3.1"    "2.6"    "2.25"
## [2185] "1.75"   "1.8"    "2.8"    "2.82"   "3.27"   "2.15"   "2.22"
## [2192] "2.5"    "1.15"   "1.05"   "2.1"    "2.15"   "2.9"    "2.72"
## [2199] "2.76"   "2.6"    "2.55"   "3.6"    "3.8"    "4.2"    "2.24"
## [2206] "2.5"    "2.9"    "2.48"   "2.33"   "2.2"    "2.35"   "2.35"
## [2213] "2.55"   "2.64"   "1.12"   "1.15"   "1.5"    "1.44"   "1.78"
## [2220] "2.44"   "2.1"    "2.2"    "2.1"    "2.08"   "2.3"    "2.5"
## [2227] "2.17"   "1.3"    "1.85"   "2.52"   "2.34"   "2.5"    "2.25"
## [2234] "2.44"   "1.85"   "1.88"   "1.9"    "1.55"   "1.79"   "1.25"
## [2241] "1.2"    "1.6"    "1.45"   "1.76"   "1.29"   "1.4"    "1.8"
## [2248] "1.84"   "1.95"   "1.96"   "2.2"    "1.85"   "2.15"   "2.23"
## [2255] "1.84"   "1.7"    "1.9"    "1.97"   "2.89"   "1.6"    "1.8"
## [2262] "2"      "1.9"    "1.81"   "3.44"   "3.1"    "3.6"    "3.34"
## [2269] "3.5"    "2.15"   "2.1"    "2.65"   "2.85"   "3.35"   "5.09"
## [2276] "5.1"    "5.45"   "5.1"    "4.99"   "4.72"   "4.75"   "4.6"
## [2283] "4.45"   "4.9"    "3.99"   "3.9"    "4.1"    "3.75"   "3.95"
## [2290] "3.7"    "3.4"    "4.2"    "3.55"   "3.98"   "3.72"   "3.9"
## [2297] "4.4"    "4.1"    "4.39"   "2.44"   "2.4"    "2.45"   "2.4"
## [2304] "2.47"   "2.3"    "2.15"   "2.35"   "2.45"   "2.85"   "1.84"
## [2311] "1.85"   "1.8"    NA       NA       "1.95"   "2"      NA
## [2318] "1.8"    NA       "3.96"   "3.95"   "1.6"    "2.8"    "3.1"
## [2325] "3.62"   "3.34"   "3.6"    "3.7"    "3.73"   "2.05"   "2.2"
## [2332] "2.35"   "2.6"    "2.79"   "2.44"   "2.75"   "2.9"    "3.45"
## [2339] "3.39"   "3.95"   "3.85"   "4.75"   NA       "4.63"   "3.19"
## [2346] "3.35"   "2.4"    NA       NA       "1.4"    "1.3"    "1.9"
## [2353] "1.65"   "1.79"   "1.35"   "1.35"   "1.5"    "1.8"    "1.13"
## [2360] "1.94"   "1.96"   "2.2"    "2.3"    "2.87"   "2.1"    "2.16"
## [2367] "3"      "2.7"    "3.12"   "1.25"   "1.15"   "1.7"    "2"
## [2374] "2.05"   "2.17"   "2.25"   "2.65"   "1.9"    "2.23"   "2.47"
## [2381] "2.5"    "3.1"    "2.4"    "2.83"   "2.95"   "2.79"   "3.25"
## [2388] "3"      "2.86"   "2"      "2.21"   "2.4"    "1.15"   NA
## [2395] "2.3"    "2.46"   "2.07"   "2.95"   "3.45"   "2.3"    "2.4"
## [2402] "2.25"   "2.45"   "2.23"   "2.72"   "2.75"   "2.6"    "3.22"
## [2409] "3.44"   "2.62"   "2.62"   "2.7"    "2.9"    "2.23"   "2.89"
## [2416] "3.15"   "2.9"    "2.8"    "2.7"    "2.54"   "2.75"   "2.35"
## [2423] "2.2"    "2.59"   "2.82"   "2.75"   "3.2"    "3"      "3.21"
## [2430] "2.1"    "1.9"    "1.85"   "1.6"    "1.75"   "2.15"   "1.8"
## [2437] "2.1"    "1.97"   "1.92"   "1.89"   "1.6"    "1.82"   "1.8"
## [2444] "2"      "2.85"   "1.85"   "2.65"   "2.75"   "2.78"   "1.15"
## [2451] "1.05"   "1.6"    "1.6"    "1.4"    "2.38"   "2.22"   "2.4"
## [2458] "2.12"   "2.23"   "2.12"   "1.25"   "2.2"    "1.55"   "2.12"
## [2465] "2.34"   "2.23"   "2.35"   "2.1"    "2.5"    "1.5"    "1.45"
```

```
## [2472] "1.7"   "1.3"    "1.5"    "2.7"    "2.85"   "3"      "2.5"
## [2479] "3.35"  "1.43"   "1.45"   "2"      "1.75"   "2.55"   "1.7"
## [2486] "1.7"   "1.8"    "0.85"   "1.35"   "2.33"   "1.6"    "1.9"
## [2493] "2.05"  "1.83"   "1.15"   "1.16"   "1.2"    NA       NA
## [2500] "1.9"   "1.91"   "1.55"   "1.7"    "1.78"   "5.81"   "5.85"
## [2507] "5.2"   "5.37"   "5.28"   "5.34"   "5.6"    "6.9"    "4.9"
## [2514] "5.05"  "1.25"   "1.35"   "1.6"    NA       NA       "1.2"
## [2521] "1.4"   "1.4"    "0.9"    NA       "1.94"   "2"      "1.9"
## [2528] "1.9"   "1.9"    "1.65"   "1.8"    "1.6"    "1.5"    "1.52"
## [2535] "2.59"  "2.3"    "2.7"    "2.5"    "2.77"   "3.17"   "3.15"
## [2542] "3.15"  "3"      "3"      "2.76"   "2.65"   "3.3"    "3.7"
## [2549] "3.55"  "2.64"   "2.55"   "2.8"    "3.5"    "3.55"   "2.39"
## [2556] "2.2"   "2.7"    "3"      "2.95"   "3.16"   "2.9"    "3.3"
## [2563] "3.4"   "3.21"   "2.3"    "2.35"   "2.35"   "2.2"    "2.35"
## [2570] "4.65"  "4.7"    "5.1"    "4.9"    "4.56"   "2.8"    "3.06"
## [2577] "3"     "3.3"    "3.65"   "2.65"   "2.75"   "3.2"    "3.5"
## [2584] "3.95"  "3.1"    "3.35"   "3.25"   "3.3"    "3.75"   "2.2"
## [2591] "2.36"  "2.75"   "2.6"    "2.9"    "2"      "2.15"   "2.35"
## [2598] "2.5"   "2.8"    "3"      "3.7"    "3.8"    "3.2"    "3.75"
## [2605] "3.2"   "3.35"   "3.7"    "4.6"    "4.29"   "1.77"   "1.3"
## [2612] "2.35"  "3.6"    "2.7"    "3.21"   "3.05"   "3.6"    "3.5"
## [2619] "3.4"   "2.4"    "2.37"   "3"      "3.25"   "3.15"   "3.25"
## [2626] "3.45"  "4.9"    "3.2"    "4.87"   "3.54"   "2.7"    "3.35"
## [2633] "3.6"   "3.65"   "2.3"    "2.9"    "3.47"   "3.65"   "3.76"
## [2640] "3.6"   "3.55"   "4"      "3.4"    "3.85"   "2.17"   "2.2"
## [2647] "3"     "3.3"    "3.49"   "3.15"   "3"      "3.2"    "3.1"
## [2654] "3.35"  "3.12"   "3.2"    "3.45"   "3.45"   "3.4"    "2.6"
## [2661] "2.9"   "3"      "3"      "3.35"   "2.3"    "2.7"    "2.9"
## [2668] "2.8"   "2.95"   "2.45"   "2.85"   "2.55"   "2.6"    "2.8"
## [2675] "1.94"  "1.9"    "1.9"    "1.7"    "1.92"   "1.44"   "1.42"
## [2682] "1.5"   "1.4"    "1.45"   "2.06"   "2.04"   "2"      "2"
## [2689] "2.1"   "2.38"   "2.1"    "2.45"   "2.2"    "2.32"   "1.77"
## [2696] "2.1"   "2.3"    "2.2"    "2.3"    "2.58"   "2.34"   "2.65"
## [2703] "2.6"   "2.87"   "2.17"   "2.3"    "2.7"    "2.5"    "3.09"
## [2710] "1.62"  "1.5"    "2.1"    "2.1"    "2.45"   "2.49"   "2.15"
## [2717] "2.7"   "2.6"    "2.75"   "1.59"   "2"      "2.6"    "2.6"
## [2724] "2.55"  "4.45"   "4.1"    "4.6"    "3.9"    "4.41"   "3.37"
## [2731] "3.3"   "5"      "3.3"    "4.5"    "1.8"    "1.8"    "2.8"
## [2738] NA      "3.85"   "1.25"   "1.4"    "1.6"    "1.95"   "2.19"
## [2745] "0.44"  NA       NA       NA       NA       "2.45"   "2.4"
## [2752] "2.3"   "2.5"    "2.37"   "3.22"   "3.19"   "2.95"   "3.25"
## [2759] "3.82"  "2.95"   "3"      "2.45"   "3.1"    "3.49"   "3.34"
## [2766] "3.32"  "3.55"   "3.8"    "4.76"   "4.46"   "4.2"    "3.1"
## [2773] "4.2"   "4.12"   "2.24"   "2.25"   "2.5"    "2.8"    "2.36"
## [2780] "2.64"  "2.57"   "2.9"    "2.5"    "3.38"   "3.55"   "3.34"
## [2787] "3.3"   "3.7"    "4.03"   "3.65"   "3.45"   "3.85"   "4"
## [2794] "3.77"  "1.77"   "1.74"   "2.15"   "2.3"    "2.79"   "1.52"
## [2801] "1.9"   "2.35"   "3.37"   "2.73"   "2.99"   "3.25"   "2.35"
## [2808] "3.84"  "4.15"   "3.03"   "3.3"    "3.85"   "3.75"   "4.46"
## [2815] "1.85"  "2.1"    "2.34"   "2.9"    "3.02"   "1.43"   "1.5"
## [2822] "1.5"   "1.55"   "1.63"   "2.15"   "2.2"    "2.3"    "2.15"
## [2829] "2.4"   "4.23"   "4.8"    "4.05"   "4.3"    "4.48"   "2.21"
## [2836] "2.14"  "2.35"   "2.35"   "2.73"   "2.25"   "2.4"    "2.8"
## [2843] "2.8"   "3.02"   "2.02"   "2.4"    "2.65"   "2.9"    "3.13"
```

```
## [2850] "1.95"   "2.34"   "2.04"   "2"      "2"      "2.7"    "2.92"
## [2857] "3.34"   "3"      "2.94"   "2.24"   "2.9"    "2.87"   "2.5"
## [2864] "2.95"   "2.1"    "2.35"   "2.25"   "2.35"   "2.77"   "3.2"
## [2871] "3.54"   "3.65"   "3.65"   "3.64"   "1.7"    "1.5"    "1.75"
## [2878] "1.95"   "2.89"   "2.16"   "2.15"   "2.5"    "2.55"   "2.23"
## [2885] "3.02"   "3.35"   "3.15"   "3.25"   "3.29"   "2.95"   "3.24"
## [2892] "3.15"   "3.45"   "3.84"   "2.9"    "2.92"   "3.05"   "3.15"
## [2899] "3.77"   "1.79"   "2.1"    "2.2"    "2.6"    "2.55"   "1"
## [2906] "1.2"    "1.6"    "1.8"    "1.92"   "1.2"    "0.95"   "1.2"
## [2913] "1.5"    "1.75"   "1.5"    "1.6"    "2.15"   "2.5"    "2.85"
## [2920] "1.94"   "2.3"    "2.34"   "2.5"    "2.39"   "2.67"   "2.95"
## [2927] "2.84"   "2.7"    "2.96"   "2.7"    "2.55"   "2.82"   "2.8"
## [2934] "2.92"   "2.89"   "2"      "2.45"   "2.65"   "2.8"    "1.89"
## [2941] "2.4"    "2.75"   "2.8"    "2.83"   "2.88"   "2.95"   "3"
## [2948] "3.1"    "3.14"   "2.89"   "3.3"    "3.25"   "2.95"   "2.72"
## [2955] "0.58"   "1.05"   "1.75"   "1.7"    "1.87"   "3.46"   "3.55"
## [2962] "3.4"    "4.1"    "4.89"   "2.85"   "3.12"   "3.55"   "3.65"
## [2969] "4.2"    "1.6"    "1.7"    "1.85"   "1.62"   "2.84"   "4.35"
## [2976] "4.15"   "4.22"   "4.15"   "4.45"   "2.1"    "2.25"   "2.25"
## [2983] "2.15"   "2.55"   "2.65"   "2.8"    "2.6"    "2.24"   "2.69"
## [2990] "1.4"    "1.4"    "1.6"    "1.46"   "1.6"    "2.8"    "2.9"
## [2997] "3.03"   "2.9"    "2.8"    "2.5"    "2.55"   "2.6"    "2.45"
## [3004] "2.9"    "2.15"   "2.22"   "2.15"   "2.2"    "2.28"   "2.21"
## [3011] "2.8"    "3"      "3.12"   "4.2"    "1.91"   "2"      "2.1"
## [3018] "2"      "2.95"   "1.96"   "2.95"   "2.11"   "2.25"   "3"
## [3025] "1.87"   "1.9"    "2.05"   "2.2"    "2.5"    "2.7"    "2.48"
## [3032] "2.7"    NA       NA       "1.74"   "1.75"   "2.02"   "1.98"
## [3039] "2.58"   "4.46"   "3.84"   "4.6"    "4.1"    "4.5"    "4.05"
## [3046] "3.8"    "4.3"    "3.9"    "4.35"   "2.6"    "2.35"   "2.95"
## [3053] "2.9"    "3.55"   "1.18"   "1.45"   "1.7"    "2.05"   "2.3"
## [3060] "1.87"   "1.9"    "2.15"   "2.3"    "2.93"   "3.23"   "3.25"
## [3067] "3.65"   "3.35"   "3.55"   "1.45"   "1.5"    "1.5"    "1.45"
## [3074] "2.23"   "1.65"   "1.75"   "2"      "1.75"   "3.27"   "1.85"
## [3081] "1.7"    "2.85"   "2.1"    NA       "2.24"   "1.85"   "2.3"
## [3088] "2.1"    "2.2"    "2.57"   "2.1"    "2.43"   "2"      "2.23"
## [3095] "2.5"    "2.54"   "2.6"    "2.6"    "2.75"   "1.85"   "2.15"
## [3102] "2.34"   "2.2"    "2.2"    "1.69"   "1.4"    "1.4"    "1.25"
## [3109] "1.8"    "1.85"   "2.05"   "1.96"   "1.9"    "1.95"   "1.4"
## [3116] "1.2"    "1.6"    "1.8"    "2.15"   "1.15"   "1.3"    "1.5"
## [3123] "1.55"   "1.82"   "1"      "1.4"    "1.6"    "1.52"   "1.65"
## [3130] "1.65"   "1.7"    "1.65"   "1.6"    "1.6"    "2.25"   "2.5"
## [3137] "2.4"    "2.5"    "2.7"    "2.64"   "2.65"   "3.3"    "3.18"
## [3144] "3.47"   "1.79"   "1.75"   "1.95"   "2.25"   "2.65"   "0.77"
## [3151] "0.8"    "0.8"    NA       NA       "1.1"    "1"      "1.2"
## [3158] "1.4"    "1.48"   "4.25"   "4"      "4.65"   "4.2"    "5.17"
## [3165] "4.69"   "4.8"    "4.65"   "4.3"    "4.7"    "4.16"   "4.54"
## [3172] "4.86"   "4.9"    "5.1"    "2.56"   "2.7"    "2.66"   "2.71"
## [3179] "2.63"   "2.16"   "1.95"   "2.1"    "2.23"   "2.65"   "2.98"
## [3186] "1.65"   "2.9"    "2.9"    "3.27"   "3"      "2.9"    "3"
## [3193] "3.25"   "2.82"   "2.36"   "2.4"    "2.68"   "3.1"    "3.16"
## [3200] "3.53"   "3.4"    "3.49"   "3.83"   "3.28"   "3.43"   "3.3"
## [3207] "3.1"    "3.5"    "3"      "1.48"   "1.6"    "1.6"    "1.6"
## [3214] "1.73"   "1.14"   "0.95"   "1.45"   "1.3"    "1.64"   "1.9"
## [3221] "1.94"   "1.94"   "1.9"    NA       "2.77"   "2.85"   NA
```

```
## [3228] "3.1"    NA      "1.4"   "1.6"   "1.5"   NA      NA
## [3235] "2.04"   NA      "2.55"  "2.85"  "3.1"   "3.09"  "2.5"
## [3242] "2.8"    NA      "2.99"  "1.45"  "1.65"  "1.6"   "1.6"
## [3249] "1.83"   "1.65"  "1.8"   "0.84"  "1.7"   "1.76"  "2.05"
## [3256] "1.9"    "2.1"   "2.3"   NA      "2.51"  "2.4"   "2.6"
## [3263] "2.83"   "2.65"  "2"     "1.8"   "1.85"  "2"     "1.85"
## [3270] "1.19"   "1.35"  "1.35"  "1.1"   "1.35"  "1.87"  "1.9"
## [3277] "1.79"   "1.95"  "1.91"  "2.05"  "2.1"   "2"     "1.95"
## [3284] "1.77"   "2"     "1.25"  "0.65"  "2.05"  NA      "2.47"
## [3291] "2"      "1.8"   "2.6"   "1.2"   "2.2"   "2.52"  "3.41"
## [3298] "2.8"    "2.05"  "1.46"  "1.55"  "1.6"   "1.6"   "1.4"
## [3305] "1.63"   "1.7"   "1.7"   "1.75"  "1.7"   "1.95"  "2.05"
## [3312] "1.8"    "1.9"   "1.85"  "2.65"  "2.74"  "2.49"  "2.1"
## [3319] "1.93"   "2.6"   "2.24"  "2.25"  "2.61"  "1.98"  "1.55"
## [3326] "1.1"    "1.45"  "1.65"  "1.67"  "2.82"  "2.52"  "2.65"
## [3333] "2.65"   "2.45"  "1.32"  "1.4"   "1.4"   "1.5"   "1.57"
## [3340] "1.4"    "1.5"   "1.45"  "1.6"   "1.35"  "1.3"   "1.3"
## [3347] "1.4"    "1.35"  "1.3"   "1.85"  "1.8"   "1.8"   "1.9"
## [3354] "1.79"   "1.8"   "1.85"  "2.15"  "1.25"  "1.3"   "1.7"
## [3361] "1.85"   "1.9"   "1.85"  "1.98"  "1"     "1.3"   "1.45"
## [3368] "1.5"    "1.65"  "0.95"  NA      "1.2"   NA      NA
## [3375] "4.12"   "4.48"  "4.2"   "4.2"   "3.77"  "2.95"  "3.14"
## [3382] "3.25"   "3.05"  "3.1"   "5.44"  "3.8"   "5.24"  "5.45"
## [3389] "4.35"   "5.7"   "6.6"   "6.44"  "5.7"   "6.44"  "4.75"
## [3396] "4.9"    "4.17"  "3.95"  "3.87"  "2.4"   "2.57"  "2.8"
## [3403] "2.55"   "3.4"   "2.05"  "2.25"  "2"     "1.9"   "2.2"
## [3410] "2.34"   "2.7"   "3"     "3.15"  "2.85"  "1.9"   "2.15"
## [3417] "2.1"    "2.45"  "3.2"   "3.75"  "3.37"  "3.15"  "2.75"
## [3424] "3.38"   "2.15"  "2.25"  "2.65"  "2.42"  "3.15"  "2.25"
## [3431] "2.25"   "2.35"  "2.12"  "2.8"   "2.45"  "2.65"  "2.95"
## [3438] "2.52"   "3"     "2.94"  "2.95"  "2.9"   "2.95"  "2.55"
## [3445] "2.05"   "2.4"   "2.6"   "2.6"   "3.15"  "2.55"  "2.74"
## [3452] "2.8"    "2.7"   "3.27"  "2.44"  "2.2"   "2.55"  "2.5"
## [3459] "3.39"   "2.62"  "2.5"   "3.8"   "2.8"   "3.55"  "2.4"
## [3466] "2.55"   "2.8"   "2.65"  "3.39"  "1.8"   "1.7"   "1.85"
## [3473] "1.8"    "2.3"   "2.15"  "2.08"  "2.1"   "1.85"  "2.3"
## [3480] "2.3"    "2.74"  "2.95"  "3.45"  "3.15"  "2.84"  "1.9"
## [3487] "2.79"   "3.3"   "4.06"  "1.6"   "1.6"   "1.6"   "1.55"
## [3494] "1.8"    "2.15"  "2.22"  "2.2"   "1.9"   "2.47"  "2.65"
## [3501] "2.95"   "3.1"   "2.6"   "3"     "2.95"  "2.5"   "3.14"
## [3508] "1.9"    "2"     "2.74"  "3.4"   "3.3"   "3.2"   "3.45"
## [3515] "2.82"   "3.15"  "3.74"  "3.6"   "4.3"   "2.45"  "2.54"
## [3522] "2.7"    "2.4"   "2.95"  "1.94"  "2.15"  "2.25"  "2.45"
## [3529] "2.5"    "2.8"   "2.95"  "3.55"  "3.15"  "4.25"  "3.2"
## [3536] "3.6"    "3.7"   "3.8"   "3.6"   "2.62"  "2.84"  "2.8"
## [3543] "2.9"    "3.18"  "2.05"  "2.1"   "2.1"   "1.98"  "2.45"
## [3550] "1.62"   "1.7"   "2"     "2.2"   "2.35"  "1.25"  "1.4"
## [3557] "1.6"    "1.7"   "2.35"  "2.79"  "2.85"  "2.8"   "2.6"
## [3564] "2.5"    "1.44"  "1.4"   "1.3"   "1.45"  "1.49"  "1.3"
## [3571] "1.6"    "1.7"   "1.55"  "1.45"  "0.95"  "1.05"  "1.1"
## [3578] "1.4"    "1.07"  "1.53"  "1.5"   "1.7"   "1.85"  "2.2"
## [3585] "2.59"   "2.6"   "2.65"  "2.75"  "2.15"  "2.17"  "2.15"
## [3592] "2.5"    "2.2"   "2.64"  "2.27"  "2.5"   "2.8"   "1.9"
## [3599] "2.49"   "5.44"  "5.14"  "5.55"  "5.5"   "5.78"  "4.16"
```

```
## [3606] "5.2"   "5.07"  "4.8"   "5.39"  "2.74"  "2.74"  "3"
## [3613] "3.1"   "3.6"   "1.42"  "1.6"   "1.8"   "1.8"   "1.9"
## [3620] "3.1"   "3.25"  "3.25"  "2.82"  "3"     "2.5"   "2.7"
## [3627] "3"     "2.55"  "2.9"   "1.8"   "2.04"  "2.25"  "2.2"
## [3634] "2.9"   "2.25"  "2.45"  "2.35"  "2.2"   "2.53"  "2"
## [3641] "2.1"   "2.35"  "2.3"   "2.7"   "1.9"   "1.92"  "2.4"
## [3648] "2.65"  "2.86"  "2.25"  "2.3"   "2.5"   "2.55"  "3.3"
## [3655] "2.94"  "3.1"   "3.37"  "3.4"   "3.6"   "2.45"  NA
## [3662] "2.6"   "2.5"   "3"     "2.55"  NA      "3.1"   "2.72"
## [3669] "3.36"  "1.8"   NA      "2.12"  "2.3"   "2.8"   "1.85"
## [3676] NA      "2.25"  "2.7"   "3.37"  "3.45"  NA      "3.9"
## [3683] "4.05"  "4.45"  "3.1"   NA      "3.9"   "3.75"  "3.95"
## [3690] "3.1"   NA      "3.55"  "4.25"  "4.3"   "1.95"  NA
## [3697] "2.62"  "4.5"   "3.3"   "1.9"   NA      "2.2"   "3"
## [3704] "2.9"   "2.8"   NA      "3.25"  "3.5"   "3.3"   "2.6"
## [3711] "2.85"  "3.6"   "3.35"  "3.6"   "1.6"   "1.75"  "2.1"
## [3718] "2"     "1.95"  "1.7"   "1.7"   "2.8"   "1.47"  "1.8"
## [3725] "2.8"   "2.54"  "2.65"  "2.45"  "2.4"   "2.62"  "2.7"
## [3732] "3.15"  "2.85"  "3"     "1.8"   "1.75"  "1.85"  "1.8"
## [3739] "2.25"  "2.42"  "2.35"  "2.6"   "1.79"  "1.93"  "2.37"
## [3746] "2.54"  "2.95"  "3"     "2.92"  "2.45"  "2.7"   "2.45"
## [3753] "2.7"   NA      "2.52"  "2.15"  "2.6"   "2.55"  "1.5"
## [3760] "1.3"   "1.4"   "1.6"   "1.5"   "1.55"  "1.92"  "1.95"
## [3767] "2.1"   "1.85"  "1.99"  "2.05"  "2.94"  "1.95"  "1.8"
## [3774] "2.07"  "2.2"   "2.3"   "2.3"   "2.05"  "2.2"   "1.96"
## [3781] "2"     "2.65"  "2.8"   "3"     "1.61"  "1.74"  "2.05"
## [3788] "2.3"   "2.7"   "2.46"  "2.23"  "2.05"  "2.7"   "2.9"
## [3795] "2.19"  "2.05"  "2.4"   "2.3"   "2.8"   "1.99"  "2"
## [3802] "2.5"   "2.3"   "2.6"   "2.34"  "2.3"   "2.42"  "2.4"
## [3809] "2.6"   "4.16"  NA      "5"     "4.35"  "5"     "3.2"
## [3816] NA      "4.1"   "4.32"  "5"     "3.15"  NA      "4"
## [3823] "3.65"  "4"     "4.94"  NA      "4.92"  "5.3"   "5"
## [3830] "5.18"  NA      "5.7"   "5.32"  "4.2"   "2.15"  "2.1"
## [3837] "2.54"  "2.33"  "2.49"  "2.17"  "2.24"  "2.55"  "2.55"
## [3844] "3.5"   "2.75"  "2.7"   "2.8"   "2.75"  "3.8"   "2.68"
## [3851] "2.48"  "2.7"   "2.75"  "2.7"   "2.2"   "2.35"  "2.6"
## [3858] "2.65"  "2.85"  "2.75"  "2.8"   "2.65"  "2.35"  "2.65"
## [3865] "3.45"  "3.34"  "3.3"   "3.3"   "3.9"   "1.37"  "1.35"
## [3872] "1.55"  "1.25"  "1.1"   "3.4"   "3.08"  "3.05"  "3.1"
## [3879] "3.5"   "1.37"  "1.3"   "1.5"   "1.22"  "1.53"  "3.15"
## [3886] "3.1"   "3.5"   "3.6"   "4.3"   "2.82"  "2.95"  "2.9"
## [3893] "3"     "3"     "2.72"  "2.21"  "2.6"   "2.55"  "3.3"
## [3900] "2.7"   "2.95"  "3.04"  "2.87"  "3.6"   "3.65"  "3.65"
## [3907] "3.4"   "3.5"   "4"     "2.65"  "2.41"  "2.8"   "3.1"
## [3914] "3.88"  "2.3"   "2.23"  "2.4"   "2.4"   "2.4"   "1.95"
## [3921] "1.9"   "2"     "2"     "2.15"  "2.3"   "2.22"  "2.57"
## [3928] "2.64"  "3"     "1.85"  "1.84"  "1.94"  "1.6"   "1.9"
## [3935] "3.2"   "2.7"   "2.94"  "2.95"  "2.6"   "1.55"  "1.6"
## [3942] "1.85"  "1.55"  "3.35"  "2.26"  "2.3"   "2.2"   "2.1"
## [3949] "1.78"  "2.47"  "2.54"  "2.75"  "2.4"   "2.48"  "2.35"
## [3956] "2.34"  "2.15"  "1.5"   "2.25"  "2.2"   "2.3"   "2.4"
## [3963] "2.35"  "2.57"  "1.94"  "1.8"   "1.3"   "1.47"  "1.48"
## [3970] "1.42"  "1.35"  "1.95"  "2.3"   "2.35"  "2.65"  "2.74"
## [3977] "3"     "2.94"  "3"     "2.15"  "2.18"  "2.04"  "2.15"
```

```
## [3984] "2"     "1.44"  "1"     "1.9"   "2.3"   "3.05"  "2.35"
## [3991] "2.2"   "2.3"   "2.14"  "3.05"  "3.7"   "1.85"  "3"
## [3998] "3.1"   "4.05"  "2.25"  "2.24"  "2.2"   "2.4"   "2.9"
## [4005] "1.35"  "1.3"   "1.4"   "1.64"  "1.95"  "2.8"   "2.8"
## [4012] "2.9"   "2.7"   "2.72"  "1.51"  "1.4"   "1.65"  "1.55"
## [4019] "1.75"  "3.6"   "3.24"  "3.87"  "3.7"   "4.15"  "1.95"
## [4026] "1.7"   "1.95"  "1.82"  "2.6"   "1.46"  "1.45"  "1.55"
## [4033] "1.55"  "1.85"  "3.9"   "3.6"   "3.95"  "3.65"  "3.85"
## [4040] "2.8"   "2.76"  "2.9"   "2.38"  "3.05"  "2.5"   "2.59"
## [4047] "2.55"  "2.25"  "3.39"  "2.4"   "2.9"   "2.85"  "2.54"
## [4054] "2.95"  "2.12"  "1.73"  "1.95"  "1.9"   "2.49"  "1.55"
## [4061] NA      NA      NA      NA      "2.2"   "2.05"  "2.3"
## [4068] "2.15"  "2.7"   "2.5"   "2.51"  "2.3"   "2.1"   "1.78"
## [4075] "2.6"   "3"     "3"     "2.75"  "2.75"  "2.7"   "2.54"
## [4082] "2.3"   "2.2"   "3.06"  "2.2"   "1.9"   "1.95"  "2.1"
## [4089] "2.55"  "1.45"  "2.15"  "2.14"  "1.67"  "1.96"  "1.9"
## [4096] "1.75"  NA      NA      NA      "2"     "2.15"  "2.45"
## [4103] "2.87"  "2.23"  "1.6"   "1.64"  "1.85"  "1.5"   "1.6"
## [4110] "1.9"   "1.8"   "3.2"   "2.85"  "3.58"  "1.87"  "1.85"
## [4117] "1.9"   "2.7"   "1.78"  "2.95"  "2.7"   "2.3"   "2.42"
## [4124] "2.35"  "2.25"  "2.08"  "2.05"  "2.4"   "2"     "1.9"
## [4131] "1.64"  "1.8"   "0.5"   "1.21"  "1.68"  "1.72"  "1.9"
## [4138] "2.2"   "2.4"   "1.54"  "1.6"   "1.7"   NA      NA
## [4145] "2.56"  "1.97"  "2.05"  "2.35"  "2.22"  "1.52"  "1.48"
## [4152] "1.3"   NA      NA      "1.05"  "1"     "1.3"   "1.1"
## [4159] "1.5"   "2.2"   "2.11"  "2.1"   NA      NA      "1.9"
## [4166] "1.6"   "1.8"   "1.45"  "1.54"  "2.35"  "2.24"  "2.5"
## [4173] "2.3"   "2.45"  "1.25"  "1.25"  "1.3"   "1.2"   "1.22"
## [4180] "2.11"  "2.12"  "2.05"  "0.96"  "2.2"   "1"     "1.1"
## [4187] "1.05"  "1.98"  "0.95"  "3.4"   "2.8"   "2.65"  "2.3"
## [4194] "3.15"  "2.4"   "2.12"  "2.8"   "3"     "3.58"  "2.15"
## [4201] "2.1"   "2.2"   "2.4"   "2.92"  "2.95"  "3.1"   "3.1"
## [4208] "3.2"   "3.64"  "1.45"  "1.45"  "2.6"   "1.7"   "2.42"
## [4215] "2.54"  "2.65"  "2.6"   "2.15"  "3.1"   "2.54"  "2.75"
## [4222] "2.5"   "2.5"   "2.78"  "2.55"  "2.7"   "2.9"   "2.55"
## [4229] "2.99"  "0.96"  "1.1"   "1.1"   "0.9"   "1.65"  "3.62"
## [4236] "3.45"  "3.9"   "4"     "4.2"   "1.8"   "1.85"  "2.6"
## [4243] "3.1"   "3.03"  "2.85"  "3.8"   "4"     "4.35"  "4.29"
## [4250] "3.62"  "3.6"   "4.2"   "4.6"   "4.41"  "2.23"  "2.4"
## [4257] "2.8"   "2.6"   "2.65"  "2.05"  "2"     "2.3"   "2.8"
## [4264] "3.06"  "2.41"  "2.84"  "2.8"   "2.65"  "3.73"  "2.3"
## [4271] "2.1"   "2.2"   "2.3"   "2.98"  "1.94"  "1.9"   "2"
## [4278] "2"     "2.31"  "4.19"  "3.84"  "3.95"  "3.6"   "4.24"
## [4285] "3.04"  "3"     "3.4"   "3.2"   "3.31"  "2.01"  "2.15"
## [4292] "2.3"   "2.2"   "2.64"  "1.93"  "1.9"   "1.95"  "2.1"
## [4299] "2.36"  "2.57"  "1.85"  "3.1"   "3"     "3.35"  "2.75"
## [4306] "2.55"  "2.55"  "2.5"   "2.53"  "1.84"  "2"     "1.95"
## [4313] "2"     "1.85"  "2.18"  "2.05"  "2.1"   "2"     "1.97"
## [4320] "2.05"  "2.55"  "1.85"  "2.2"   "4.66"  "2.34"  "2.25"
## [4327] "2.85"  "2.4"   "3.27"  "2.12"  "2.9"   "2"     "3.1"
## [4334] "4.45"  "1.81"  "1.85"  "1.95"  "2"     "2.35"  "2.39"
## [4341] "2.1"   "2"     "2.2"   "2.83"  "1.5"   "1.65"  "1.6"
## [4348] "1.7"   "2.27"  "1.4"   "1.35"  "1.6"   "1.75"  "2.1"
## [4355] "1.85"  "2.62"  "2.15"  "2.15"  "2.28"  "1.04"  "1.15"
```

```
## [4362] "1.4"    "1.4"      "1.91"     "1.9"   "1.85"  "2"      "2"
## [4369] "2.16"   "1.18"     "1.3"      "1.4"   "1.4"   "1.64"   "1.47"
## [4376] "1.45"   "1.6"      "1.75"     "2.3"   "1.67"  "1.6"    "1.7"
## [4383] "2.1"    "2.65"     "1.6"      "1.65"  "1.7"   "1.95"   "2.58"
## [4390] "1.14"   "1.1"      "1.1"      "0.6"   "1.21"  "5.92"   "6"
## [4397] "5.7"    "5.1"      "5.83"     "3.14"  "3.6"   "4.2"    "3.7"
## [4404] "3.99"   "3.56"     "3.8"      "4.2"   "3.8"   "3.63"   "2.6"
## [4411] "2.6"    "2.8"      "3"        "3.38"  "2.3"   "2.25"   "2.9"
## [4418] "3.3"    "MISSING"  "3.1"      "3.25"  "3.85"  "4"      "4.38"
## [4425] "2.5"    "2.47"     "2.85"     "2.65"  "2.42"  "2.1"    "2.14"
## [4432] "3.43"   "3.6"      "MISSING"  "2.75"  "2.55"  "3.37"   "3.5"
## [4439] "3.85"   "1.5"      "1.62"     "1.8"   "1.7"   "2.33"   "1.8"
## [4446] "1.72"   "1.89"     "1.8"      "2.4"   "1.85"  "1.82"   "2"
## [4453] "2"      "2.35"     "2.1"      "2.15"  "3.39"  "3.42"   "3.7"
## [4460] "1.45"   "1.25"     "2.19"     "3.75"  "1.69"  "1.85"   "2.15"
## [4467] "2.85"   "3.1"      "2.98"     "2.15"  "2.35"  "2.79"   "2.75"
## [4474] "3.39"   "3"        "2.9"      "3.87"  "3.8"   "4.05"   "2.15"
## [4481] "2.2"    "2.37"     "2.45"     "3.1"   "2.6"   "2.51"   "2.85"
## [4488] "2.4"    "2.98"     "1.45"     "1.55"  "1.8"   "1.8"    "2.1"
## [4495] "2.5"    "3"        "3.07"     "3.49"  "3.53"  "2.15"   "2.49"
## [4502] "2.97"   "3.1"      "2.83"     "2.05"  "2.6"   "2.82"   "3"
## [4509] "3.67"   "2.3"      "2.9"      "3.1"   "3.35"  "3.8"    "1.5"
## [4516] "1.65"   "2.29"     "1.8"      "2.49"  "2.1"   "2.1"    "2.98"
## [4523] "2.95"   "3.18"     "2.5"      "2.2"   "2.25"  "2.35"   "2.23"
## [4530] "3.25"   "3.35"     "3.6"      "4"     "3.68"  "2.32"   "1.8"
## [4537] "2.25"   "2.4"      "MISSING"  "2.37"  "1.9"   "2.87"   "2.2"
## [4544] "2.23"   "2.15"     "2.25"     "2.5"   "2.2"   "2.55"   "1.5"
## [4551] "1.62"   "1.75"     "1.6"      "1.86"  "2.05"  "2"      "2.7"
## [4558] "2.42"   "2.52"     "2.64"     "2.9"   "2.88"  "2.9"    "2.87"
## [4565] "1.4"    "1.55"     "1.5"      "1.7"   "2.06"  "1.35"   "1.25"
## [4572] "1.2"    "1.6"      "1.87"     "1.5"   "1.5"   "1.7"    "1.7"
## [4579] "1.79"   "1.9"      "2.1"      "2.25"  "2.1"   "2.39"   "2.1"
## [4586] "2.15"   "2.3"      "2.06"     "2.18"  "1.9"   "1.75"   "1.75"
## [4593] "1.7"    "1.79"     "1.42"     "1.6"   "1.7"   "1.7"    "1.77"
## [4600] "1.84"   "1.7"      "2.05"     "1.9"   "2.09"  "1.9"    "1.82"
## [4607] "2.37"   "1.95"     "1.98"     "1.35"  "1.25"  "1.4"    "1.45"
## [4614] "1.1"    "2.54"     "3.31"     "3.16"  "3.65"  "3.78"   "4.17"
## [4621] "4.4"    "4.72"     "4.55"     "4.1"   "3.12"  "3.55"   "4"
## [4628] "4"      "4.09"     "3.6"      "3.9"   "3.99"  "3.2"    "3.34"
## [4635] "1.9"    "2.52"     "2.45"     "2.25"  "2.71"  "3.81"   "4.02"
## [4642] "4.89"   "4.3"      "4.53"     "4.67"  "5.1"   "4.84"   "4.25"
## [4649] "4.8"    "3.44"     "3.75"     "4.39"  "5.1"   "5.26"   "1.45"
## [4656] "1.35"   "1.4"      "1.55"     "1.59"  "3.14"  "3.92"   "4.6"
## [4663] "4.55"   "5.12"     "2.5"      "2.85"  "3.55"  "3.52"   "4.19"
## [4670] "1.55"   "1.72"     "1.6"      "1.75"  "2.23"  "2"      "2.05"
## [4677] "2.3"    "2.35"     "2.99"     "1.84"  "1.94"  "2.6"    "3.2"
## [4684] "2.75"   "2.34"     "2.5"      "2.9"   "3.25"  "3.55"   "2.4"
## [4691] "2.35"   "2.5"      "2.4"      "2.91"  "2.44"  "2.55"   "3"
## [4698] "2.8"    "3.46"     "1.4"      "1.45"  "1.5"   "1.6"    "2.07"
## [4705] "3.35"   "3.45"     "3.5"      "3.1"   "4.05"  "1.9"    "1.89"
## [4712] "2.1"    "2.07"     "2.62"     "2.7"   "2.72"  "2.9"    "3.15"
## [4719] "3.65"   "3.05"     "2.84"     "2.9"   NA      NA       "3.25"
## [4726] "3.05"   "3.6"      "3"        "4.07"  "3.8"   "3.85"   "4.3"
## [4733] "4.7"    "4.58"     "2.24"     "1.6"   "2.55"  "2.8"    "3.1"
```

```
## [4740] "4.05"    "4.17"   "4.45"   "4.95"   "2.77"   "3.9"    "4"
## [4747] "4.1"     "3.6"    "4.2"    "2.8"    "3.05"   "3.2"    "3.2"
## [4754] "3.44"    "1.9"    "1.65"   "1.9"    "1.65"   "1.9"    "1.5"
## [4761] "1.45"    "1.6"    NA       NA       "2.8"    "2.07"   "2.9"
## [4768] "2.05"    "2.82"   "2.2"    "2.3"    "2.34"   "2.35"   "2.78"
## [4775] "3.5"     "3.47"   "3.8"    "3.98"   "4.5"    "2.55"   "2.57"
## [4782] "2.9"     "2.95"   "3.68"   "1.43"   "1.7"    "2"      "1.95"
## [4789] "1.98"    "1.1"    "0.95"   "2.1"    "1.9"    "2.44"   "1.5"
## [4796] "1.5"     "1.9"    "1.59"   "2.43"   "1.8"    "1.75"   "1.8"
## [4803] NA        NA       "1.8"    "1.85"   "1.95"   "1.9"    "2.23"
## [4810] "2.4"     "2.65"   "3.2"    "3.1"    "3.02"   "1.43"   "1.55"
## [4817] "1.5"     "1.6"    "1.65"   "2"      "2.1"    "2.4"    "2.22"
## [4824] "2.3"     "3"      "3.13"   "3.35"   "2.95"   "3.32"   "1.8"
## [4831] "1.6"     "2.1"    "2"      "2.19"   "2.35"   "2.7"    "3.1"
## [4838] "2.9"     "2.95"   "1.34"   "1.4"    "1.6"    "1.7"    "2.15"
## [4845] "1.25"    "1.3"    "1.6"    "1.85"   "2.23"   "2.45"   "2.02"
## [4852] "2.55"    "2.35"   "3.01"   "2.62"   "3"      "3.2"    "3"
## [4859] "2.93"    "4.5"    "5.1"    "5"      "4.75"   "4.6"    "3.4"
## [4866] NA        "4.6"    "4.55"   NA       "3.2"    "3.6"    "3.8"
## [4873] "3.75"    "4.17"   "1.43"   "1.45"   "1.9"    "1.85"   "2.12"
## [4880] "2.24"    "2.24"   "2.55"   "2.65"   "3.05"   "1.55"   "1.55"
## [4887] NA        "0.4"    "0.5"    "1.8"    "1.95"   "1.89"   "2.25"
## [4894] "2.89"    "1.72"   "1.75"   "1.85"   "1.8"    "0.71"   "2.6"
## [4901] "2.7"     "3.19"   "3.65"   "3.75"   "1.5"    "1.64"   "2.19"
## [4908] "2.1"     "2.08"   "1.39"   "1.4"    "1.9"    "3.65"   "3.83"
## [4915] "1.9"     "1.95"   "2"      "1.95"   "2.25"   "1.84"   "1.9"
## [4922] "2.35"    "2.45"   "2.9"    "2.05"   "1.8"    "2.3"    "1.96"
## [4929] NA        "1.75"   "2.2"    NA       NA       NA       "1.31"
## [4936] "1.1"     "1.5"    "1.6"    "1.73"   "1.15"   "1"      "1.2"
## [4943] "1.4"     "0.85"   "1.94"   "1.3"    "2.47"   "2.6"    "2.65"
## [4950] "2.25"    "2"      "2.26"   NA       NA       "1.95"   "2"
## [4957] "2.3"     "1.56"   "1.25"   "1.8"    "1.6"    "1.8"    "1.7"
## [4964] "1.7"     "2.15"   "2"      "1.74"   "1.7"    "2.2"    "1.7"
## [4971] "1.5"     "1.85"   "1.72"   "2.25"   "1.95"   "2.54"   "2.48"
## [4978] "2.05"    "2.4"    "1.92"   "1.65"   "1.85"   "2.1"    "1.75"
## [4985] "1.85"    "1.84"   "1.95"   "2.9"    "2.45"   "1.42"   "1.8"
## [4992] "1.4"     "1.45"   "1.79"   "1.35"   "1.72"   "1.88"   NA
## [4999] "MISSING" "1.8"    "2.3"    "3.38"   "3.33"   "3.05"   "2.34"
## [5006] "1.9"     "2.23"   "2.29"   "2.1"    "1.84"   "1.9"    "2.38"
## [5013] "2.3"     "2.05"   "2.27"   "2.25"   "2.27"   "1.62"   "1.39"
## [5020] "2"       "1.92"   "1.52"   "2.05"   "1.82"   "1.82"   "2"
## [5027] "1.62"    NA       NA       "1.42"   "1.55"   "1.28"   "1.45"
## [5034] "1.42"    "1.34"   "1.5"    "2.1"    "1.96"   "2.18"   "2.35"
## [5041] "2.4"     "2.85"   "2.8"    "2.89"   "1.85"   "1.6"    "1.95"
## [5048] "1.98"    "0.63"   "1.45"   "1.45"   "1.6"    "1.49"   "1.51"
## [5055] "1.2"     "1"      "1.35"   "1.1"    "1.5"    "1.42"   "1"
## [5062] "1.1"     "1"      "1.35"   "1.32"   "1.4"    "1.4"    "1.36"
## [5069] "1.55"    "2.52"   "2.46"   "2.85"   "2.62"   "2.7"    "1.9"
## [5076] "2.05"    "2.22"   "2.05"   "3"      "3.05"   "3.3"    "3.35"
## [5083] "3.46"    "3.75"   "4.9"    "5.3"    "6.01"   "5.54"   "6.08"
## [5090] "3.54"    "3.8"    "3.82"   "3.36"   "3.24"   "2.8"    "2.8"
## [5097] "3.1"     "2.8"    "3.55"   "1.4"    "1.5"    "1.6"    "1.45"
## [5104] "1.68"    "2.59"   "2.55"   "2.65"   "2.25"   "3"      "1.1"
## [5111] "1.2"     "1.25"   "1.45"   "1.59"   "1.89"   "1.84"   "2.45"
```

```
## [5118] "1.9"   "2.8"   "2.54"  "2.45"  "2.7"   "2.5"   "3.05"
## [5125] "1.4"   "1.5"   "1.6"   "1.4"   "1.43"  "2.37"  "2.8"
## [5132] "2.55"  "2.5"   "3.15"  "1.92"  "1.85"  "1.85"  "1.84"
## [5139] "1.75"  "1.74"  "1.75"  "1.84"  "1.65"  "1.95"  "3.95"
## [5146] "3.53"  "3.6"   "3.15"  "3.5"   "3.64"  "3.4"   "3.35"
## [5153] "3.1"   "4.15"  "2.79"  "2.9"   "3.35"  "3.25"  "3.4"
## [5160] "3.58"  "3.6"   "3.45"  "3"     "3.85"  "2.56"  "2.4"
## [5167] "2.74"  "2.4"   "3"     "1.4"   "1.3"   "1.5"   "1.45"
## [5174] "1.82"  "1.8"   "1.6"   "2"     "1.6"   "1.8"   "2.57"
## [5181] "2.1"   "2.34"  "2.15"  "3.45"  "1.7"   "1.5"   "2.1"
## [5188] "1.6"   "1.95"  "2.81"  "2.9"   "3.2"   "2.45"  "2.95"
## [5195] "2.14"  "2.14"  "2.5"   "2.5"   "2.3"   "2.57"  "1.97"
## [5202] "1.95"  "1.87"  "2.15"  "1.4"   "1.7"   "1.95"  "2.1"
## [5209] "3.7"   "2.2"   "1.05"  "2.1"   "1.9"   "2.3"   "1.74"
## [5216] "1.75"  "2.05"  "2.22"  "3.12"  "2.2"   "2.65"  "2.32"
## [5223] "2.3"   NA      "2.2"   "2"     "2.45"  "2.1"   "2.49"
## [5230] "1.91"  "1.9"   "2.07"  "2"     "2.52"  "1.3"   "1.3"
## [5237] "1.4"   "1.2"   NA      "1.15"  "1.1"   "1.65"  "1"
## [5244] "1.69"  "1.3"   "1.1"   "1.3"   "1.44"  "2.02"  "1.55"
## [5251] "1.4"   "1.5"   NA      NA      "2.56"  "2.08"  "2.15"
## [5258] "1.75"  "2.48"  "2.52"  "2.32"  "2.2"   "1.85"  "2.23"
## [5265] "1.4"   "1.4"   "1.55"  "1.35"  "1.25"  "1.75"  "1.68"
## [5272] "1.87"  "2"     "2.35"  "1.3"   "1.1"   "1.5"   "1.55"
## [5279] "1.77"  "1.7"   "1.7"   "1.55"  "1.55"  "1.85"  "1.4"
## [5286] "1.4"   "1.7"   "1.45"  "1.58"  "1.55"  "1.7"   "1.7"
## [5293] "1.6"   "1.8"   "4.73"  "4.95"  "4.95"  "3"     "5.25"
## [5300] "4.2"   "4.3"   "3.74"  "3.6"   "3.8"   "5"     NA
## [5307] NA      NA      "1.87"  "1.8"   "1.8"   "1.75"  "2.41"
## [5314] "3.58"  "3.2"   "3.44"  "3.72"  "3.95"  "3.59"  "3.5"
## [5321] "4.45"  "4.37"  "4.58"  "2.42"  "2.5"   "3.85"  "4"
## [5328] "4.68"  "2.9"   "2.85"  "3.95"  "4"     "4.78"  "4.3"
## [5335] "3.7"   "4.85"  "5"     "5.08"  "4.57"  "3.8"   "4.8"
## [5342] "4.79"  "5.1"   "3.15"  "3.5"   "4.52"  "4.75"  "5.67"
## [5349] "2.93"  "2.9"   "3.65"  "4.3"   "4.18"  "3.2"   "2.9"
## [5356] "3.35"  "3.4"   "3.65"  "2.93"  "2.9"   "3.5"   "3.95"
## [5363] "4.37"  "2.52"  "2.8"   "3.35"  "3.5"   "3.98"  "1.45"
## [5370] "1.55"  "1.9"   "2.02"  "2.23"  "1.95"  "1.8"   "2.5"
## [5377] "2.7"   "3.12"  "2.37"  "2.65"  "2.95"  "3.45"  "3.73"
## [5384] "2.83"  "2.8"   "3.7"   "3.3"   "3.75"  "3.56"  "3.1"
## [5391] "3.55"  "3.95"  "4.1"   "2.16"  "2.6"   "2.95"  "3"
## [5398] "4.2"   "2.46"  "2.9"   "3.4"   "3.6"   "4.31"  "2.5"
## [5405] "2.7"   "3.1"   "3.3"   "3.91"  "1.85"  "2"     "2.4"
## [5412] "1.85"  "2.74"  "1.8"   "1.9"   "2.24"  "2.2"   "2.16"
## [5419] "1.5"   "1.4"   "2.2"   "1.55"  "1.65"  "1.7"   "1.85"
## [5426] "1.85"  "2.1"   "2.53"  "1.7"   "2.1"   "3.05"  "2.65"
## [5433] "2.97"  "1.74"  "2.2"   "3.05"  "3.2"   "3.4"   "2.34"
## [5440] "2.24"  "6"     "3.8"   "4.83"  "1.56"  "1.8"   "2.65"
## [5447] "3.45"  "4.2"   "1.8"   "1.92"  "2.75"  "2.55"  "2.72"
## [5454] "2.3"   "2.25"  "3"     "3.15"  "3.74"  "2.41"  "2"
## [5461] "2.55"  "2.2"   "2.28"  "2.31"  "2.2"   "2.45"  "2.4"
## [5468] "2.39"  "1.15"  "1.2"   "1.25"  "1.3"   "1.42"  "2.91"
## [5475] "2.95"  "3.35"  "3.75"  "3.64"  "3.2"   "3.1"   "3.6"
## [5482] "4.07"  "4.51"  "2.46"  "2.55"  "3"     "3.05"  "3.72"
## [5489] "2.77"  "2.7"   "3.35"  "3.5"   "4.19"  "3.23"  "3.2"
```

```
## [5496] "3.85"  "3.75"  "4.14"  "3.65"  "3.8"   "4.25"  "3.9"
## [5503] "4.74"  "2.74"  "2.87"  "3.2"   "3.4"   "3.81"  "1.74"
## [5510] "1.95"  "2.05"  "2.15"  "2.39"  "1.1"   "1.35"  "2"
## [5517] "2.08"  "2.15"  "1.65"  "1.25"  "2.3"   "2.42"  "3.12"
## [5524] "2.5"   "2.45"  "3.15"  "3.05"  "3.85"  "1.75"  "1.8"
## [5531] "2.25"  "2.3"   "2.53"  "2.6"   "2.5"   "3.3"   "3.12"
## [5538] "3.49"  "2.45"  "2.8"   "3.12"  "3.7"   "3.94"  "1.15"
## [5545] "1"     "1.3"   "1.5"   "1.66"  "1.5"   "1.4"   "1.75"
## [5552] "1.72"  "2.23"  "1.6"   "1.4"   "1.9"   "1.8"   "2.37"
## [5559] "3.21"  "3.3"   "3.95"  "3.7"   "4.3"   "3.26"  "3"
## [5566] "3.7"   "3.7"   "3.98"  "2.95"  "3.1"   "3.8"   "3.55"
## [5573] "5.1"   "2.65"  "2.15"  "3.3"   "3.1"   "3.18"  "1.81"
## [5580] NA      NA      NA      "3.06"  "2.55"  "2.3"   "2.05"
## [5587] "3.5"   "3.92"  "2.75"  "2.6"   "1.9"   "4.5"   "4.52"
## [5594] "1.84"  "1.85"  "1.55"  "1.45"  "1.56"  "2.5"   "3"
## [5601] "3"     "3.1"   "2.35"  "2.15"  "1.8"   "2.15"  "2.26"
## [5608] "2.15"  "1.55"  "1.45"  "2.3"   "2.3"   "2.31"  "1.25"
## [5615] "1.8"   "1.9"   "1.6"   "1.73"  "1.81"  "2.02"  "2.55"
## [5622] "2.7"   "3.17"  "2.57"  "2.1"   "2.24"  "2.05"  "2.31"
## [5629] "2.69"  "2.6"   "2.65"  "2.4"   "2.45"  "1.6"   "1.45"
## [5636] "1.6"   "1.6"   "1.9"   "2.1"   "2.1"   "2.1"   "1.9"
## [5643] "2.04"  "2.2"   "1.9"   "2.15"  "2.05"  "2.42"  "1.95"
## [5650] "1.94"  "2.05"  "1.85"  "2.2"   "1.4"   "1.4"   "1.5"
## [5657] "1.7"   "1.85"  "1.85"  "1.9"   "1.9"   "1.9"   "2.06"
## [5664] "1.8"   "1.4"   "1.7"   "1.76"  "1.91"  "1.1"   "1.3"
## [5671] "1.8"   "1.75"  "1.87"  "2.45"  "2.6"   "3.4"   "3.75"
## [5678] "4.25"  "2.16"  "2.4"   "2.7"   "2.6"   "2.93"  "2.66"
## [5685] "2.42"  "3.1"   "3.05"  "3.36"  "2.7"   "3"     "3.25"
## [5692] "4"     "3.52"  "2.81"  "3"     "3.55"  "3.1"   "3.58"
## [5699] "2.8"   "2.8"   "3.35"  "3.25"  "3.91"  "2.99"  "3"
## [5706] "3.7"   "3.4"   "4.1"   "2.62"  "2.8"   "3.25"  "2.98"
## [5713] "2.93"  "3.5"   "3"     "4.2"   "3.9"   "4.35"  "3.89"
## [5720] "3.55"  "4.35"  "4.2"   "4.58"  "3.25"  "3.4"   "4.3"
## [5727] "4.3"   "4.72"  "2.67"  "2.81"  "3.05"  "2.9"   NA
## [5734] "2.45"  "2.5"   "2.9"   "2.7"   "1.79"  "1.75"  "1.9"
## [5741] "2.3"   "1.8"   "2.05"  "2.5"   "2.05"  "2.35"  "1.6"
## [5748] "2.99"  "3.7"   "3"     "3.3"   "3.15"  "3.5"   "2.42"
## [5755] "2.4"   "2.7"   "2.5"   "3.27"  "1.05"  "1.5"   "1.6"
## [5762] "1.63"  "1.92"  "2.15"  "3.4"   "2.4"   "2.5"   "3.22"
## [5769] "2.95"  "3"     "3.35"  "3.1"   "3.27"  "2.45"  "2.5"
## [5776] "3.35"  "3"     "3.4"   "1.82"  "1.85"  "2"     "1.7"
## [5783] "1.75"  "1.71"  "2.3"   "2.95"  "1.9"   "1.92"  "2.2"
## [5790] "2.45"  "2.25"  "2.15"  "2.15"  "2.75"  "2.4"   "2.15"
## [5797] "2.1"   "2.18"  "2.2"   "2.2"   "2.2"   "1.3"   "2.02"
## [5804] "1.59"  "1.3"   "1.35"  "1.2"   "1.18"  "2.5"   "2"
## [5811] "1.7"   "3.6"   "1.69"  "1"     "1.05"  "1.8"   "0.8"
## [5818] "0.85"  "1.2"   "1.3"   "1.95"  "1"     "1.95"  "1.9"
## [5825] "1.6"   "1.1"   "1.05"  "1.2"   "2.45"  "2.3"   "2.45"
## [5832] "2.1"   "2.49"  "1.75"  "1.2"   "1.4"   "1.5"   "1.8"
## [5839] "1.2"   "1.1"   "1.4"   "1.3"   "1.02"  "1.6"   "1.4"
## [5846] "1.9"   "2.05"  "2.15"  "1.4"   "1.2"   "1.5"   "1.6"
## [5853] "1.91"  "2.57"  "2.2"   "2.2"   "2.3"   "2.56"  "2"
## [5860] "1.95"  "2.55"  "2.03"  "1.88"  "1.7"   "1.7"   "1.8"
## [5867] "1.6"   "2.36"  "1.35"  "1.35"  "1.75"  "1.5"   "1.94"
```

```
## [5874] "3.1"    "3.1"    "4.15"   "3.82"     "4.99"   "2.17"   "2.3"
## [5881] "3.95"   "3.7"    "3.9"    "2.83"     "3.5"    "4.6"    "4.9"
## [5888] "5.3"    "4.33"   "4.51"   "5.2"      "6.1"    "4.85"   "4.57"
## [5895] "4.6"    "4.85"   "4.2"    "4.75"     "2.84"   "3.2"    "3.55"
## [5902] "3.56"   "3.87"   "1.97"   "1.95"     "3.5"    "2.8"    "4.1"
## [5909] "3.45"   "3.52"   "4.2"    "5"        "5"      "1.6"    "1.5"
## [5916] "1.95"   "1.78"   "2.42"   "1.8"      "1.9"    "2.25"   "3"
## [5923] "2.05"   "2.35"   "2.85"   "3.4"      "3.35"   "3.7"    "4.15"
## [5930] "4.35"   "5.1"    "3.2"    "3.95"     "1.3"    "1.4"    "1.9"
## [5937] "1.75"   "2.35"   "3.2"    "3.2"      "4"      "3.8"    "4.35"
## [5944] "2.12"   "2.8"    "3.4"    "3.8"      "4.35"   "1.6"    "1.45"
## [5951] "1.95"   "5.25"   "5.7"    "2.77"     "3.25"   "4.3"    "3.95"
## [5958] "4.75"   "1.8"    "1.95"   "2.7"      "2.65"   "2.87"   "2.56"
## [5965] "2.85"   "3.3"    "2.9"    "3.34"     "2.45"   "3.31"   "3.4"
## [5972] "3.6"    "3.9"    "2.93"   "2.75"     "4.25"   "3.8"    "4.77"
## [5979] "2.72"   "3.4"    "3.4"    "3.75"     "4.05"   "1.6"    "1.5"
## [5986] "1.7"    "1.5"    "1.82"   "1.3"      "1.4"    "1.7"    "1.75"
## [5993] "2.1"    "1.68"   "2.2"    "3.2"      "2.95"   "3.06"   "1.61"
## [6000] "1.95"   "2.55"   "3.6"    "2.48"     "1.45"   "2.2"    "2"
## [6007] "2.5"    "3.31"   "1.7"    "1.85"     "2.4"    "2.4"    "2.72"
## [6014] "1.2"    "1.55"   "2"      "2.2"      "2.38"   "1.89"   "2.21"
## [6021] "2.65"   "2.6"    "2.6"    "2.58"     "2.45"   "2.7"    "3"
## [6028] "2.89"   "1.63"   "1.9"    "1.95"     "2"      "2.35"   "1.35"
## [6035] "1.38"   "1.8"    "1.75"   "2.23"     "2.68"   "2.95"   "2.9"
## [6042] "2.65"   "2.57"   "1.74"   "1.9"      "2.05"   "2.25"   "2.3"
## [6049] "2.21"   "2.2"    "2.8"    "2.67"     "2.75"   "1.89"   "1.5"
## [6056] "2.8"    "2.3"    "2.8"    "1.45"     "1.95"   "1.6"    "1.5"
## [6063] "1.64"   "2.91"   "4.43"   "3.65"     "4.1"    "4.16"   "3.93"
## [6070] "3.22"   "4.29"   "4.15"   "4.7"      "3.96"   "4.25"   "4.5"
## [6077] "4.92"   "5.11"   "2.98"   "2.95"     "2.75"   "3.7"    "4.28"
## [6084] "4.12"   "3.75"   "4.25"   "4.05"     "4.56"   "2.13"   "2.2"
## [6091] "2.56"   "2.3"    "2.89"   "2.1"      "2.12"   "2.37"   "2.55"
## [6098] "3.44"   "3.61"   "4"      "4.27"     "4.23"   "4.6"    "2.57"
## [6105] "2.25"   "2.69"   "2.95"   "3.51"     "1.8"    "1.75"   "1.9"
## [6112] "2"      "2.49"   "2.54"   "2.15"     "2.43"   "2.5"    "2.87"
## [6119] "2.53"   "2.55"   "2.61"   "2.72"     "3.03"   "1.7"    "1.6"
## [6126] "1.8"    "1.6"    "2.05"   "1.65"     "1.5"    "1.8"    "1.62"
## [6133] "1.94"   "2.56"   "2.43"   "2.51"     "2.8"    "2.7"    "1.69"
## [6140] "1.8"    "1.8"    "1.85"   "2.22"     "1.72"   "1.4"    "1.55"
## [6147] NA       NA       "1"      "0.95"     "1"      "1.3"    "1.42"
## [6154] "1.5"    "1.3"    "1.05"   "0.7"      "1.17"   "1.6"    "1.5"
## [6161] "1.95"   "2.22"   "2.4"    "1.5"      "1.4"    "1.4"    "1.5"
## [6168] "1.67"   "1.82"   "1.6"    "1.2"      "1.25"   "1.4"    "1.3"
## [6175] "1.25"   "1.2"    NA       "MISSING"  "2.5"    "2.15"   "2.2"
## [6182] "2"      "2.15"   "1.84"   "1.85"     "2.05"   "2.1"    "2.15"
## [6189] "1.9"    "1.8"    "1.9"    "1.65"     "1.96"   "2.2"    "2"
## [6196] "2.4"    "2.2"    "2.34"   "1.45"     "1.35"   "1.6"    "1.62"
## [6203] "1.87"   "1.7"    "1.6"    "1.75"     "1.6"    "1.81"   "2.27"
## [6210] "2.34"   "2.35"   NA       NA         "1.69"   "1.55"   "1.65"
## [6217] "1.6"    "1.69"   "1.4"    "1.3"      "1.4"    "1.45"   "1.7"
## [6224] "1.96"   "2.15"   "2.24"   "2.5"      "2.77"   "3.67"   "3.8"
## [6231] "3.95"   "4.9"    "4.05"   "4.26"     "4.29"   "4.12"   "3.65"
## [6238] "4.56"   "3.57"   "3.01"   "3.42"     "3.62"   "4"      "3.2"
## [6245] "3.55"   "3.3"    NA       NA         "3.97"   "3.66"   "3.8"
```

```
## [6252] "3.35"  "4.34"  "2.61"  "2.72"  "2.9"   "3.07"  "3.21"
## [6259] "1.78"  "1.82"  "1.6"   "1.95"  "2.25"  "2.55"  "2.7"
## [6266] "2.75"  "2.36"  "2.74"  "1.7"   "1.6"   "1.5"   "1.62"
## [6273] "1.94"  "1.55"  NA      NA      "2.7"   "3.12"  "2.59"
## [6280] "2.1"   "2.94"  "2.65"  "2.19"  "2.16"  "2"     "2.78"
## [6287] "2.8"   "3.05"  "2.49"  "3.1"   "3.53"  "3.67"  "4.2"
## [6294] "2.47"  "2.5"   "3.26"  "3.25"  "3.08"  "2.92"  "3.2"
## [6301] "4"     "4.4"   "4.4"   "3.2"   "2.85"  "3.6"   "4.65"
## [6308] "4.52"  "1.6"   "1.6"   "2.82"  "3.65"  "3.85"  "1.83"
## [6315] "1.95"  "1.98"  "2"     "2.6"   "1.91"  "1.96"  "2.09"
## [6322] "1.8"   "2.4"   "1.7"   "2.31"  "2.4"   "3.5"   "2.75"
## [6329] "2.73"  "2.93"  "2.9"   "2.95"  "2.64"  "2.17"  "2.5"
## [6336] "2.7"   "2.73"  "3.05"  "1.6"   "1.7"   "1.99"  "2.1"
## [6343] "3.2"   "1.55"  "1.45"  "2"     "2"     "2.03"  "1.6"
## [6350] "1.39"  "1.75"  "1.81"  "2.05"  "1.5"   "2.65"  "4.9"
## [6357] "1.45"  "0.9"   "3.53"  "3.4"   "3.6"   "3.7"   "3.18"
## [6364] "1.84"  "2.15"  "2.12"  "2.25"  "2.68"  "2.48"  NA
## [6371] NA      NA      NA      "1.6"   "1.6"   "1.8"   "1.9"
## [6378] "2.64"  "1.45"  "1.65"  "1.9"   "2"     "2.28"  "1.86"
## [6385] "1.86"  "2.25"  "2.4"   "2.77"  "2.41"  "2.8"   NA
## [6392] NA      NA      "2.64"  "1.4"   "1.35"  "1.6"   "1.83"
## [6399] "3.53"  "3.43"  "2.83"  NA      NA      "1.63"  "1.7"
## [6406] "1.55"  "1.8"   "1.62"  "1.6"   "1.4"   "1.1"   "1.6"
## [6413] "1.26"  "2.56"  "2.2"   "2.2"   "1.9"   "2.29"  "2.27"
## [6420] "2"     "2.14"  "1.9"   "1.97"  "1.8"   "1.8"   "2.58"
## [6427] "2.3"   "2.12"  "2.19"  "2.15"  "3.53"  "2.2"   "2.26"
## [6434] "2.23"  "1.6"   "1.75"  "1.65"  "1.4"   "2.3"   "1.6"
## [6441] "2.78"  NA      NA      "2.11"  "2.2"   "2.3"   "2.4"
## [6448] "2.18"  "1.7"   "2.05"  "2.3"   "2.41"  "2.37"  "2.1"
## [6455] "1.95"  "2.57"  "3.75"  "2.82"  "2.38"  "2.75"  "3.7"
## [6462] "3.05"  "3.43"  "1.6"   "1.4"   "1.83"  "1.8"   "1.98"
## [6469] "2.44"  "2.59"  "2.71"  "2.67"  "2.7"   "1.69"  "1.7"
## [6476] "1.9"   "1.85"  "1.94"  "1.68"  "1.4"   "2.14"  "2"
## [6483] "2.44"  "1.4"   "1.3"   "1.7"   "1.65"  "1.74"  "2.56"
## [6490] "1.6"   "1.94"  "1.85"  NA      "3.1"   "3.04"  "3.2"
## [6497] "3.05"  "3.04"  "2.23"  "2.45"  "2.63"  "2.45"  "2.58"
## [6504] "2.69"  "2.95"  "3.2"   "3.25"  "3.69"  "2.44"  "2.35"
## [6511] "3.06"  "2.8"   "2.96"  "3.4"   "3.25"  "3.29"  "3.8"
## [6518] "3.75"  "4.12"  "4.75"  "4.79"  "4.9"   "4.39"  "4.25"
## [6525] "4.23"  "4.79"  "5.2"   "4.63"  "2.19"  "2.44"  "2.84"
## [6532] "3.1"   "3.31"  "2.63"  "3"     "3.15"  "3.39"  "3.52"
## [6539] "3.13"  "3.3"   "3.17"  "3.42"  "3.44"  "3"     "3.2"
## [6546] "3.63"  "5.1"   "3.76"  "2.79"  "3.05"  "3.05"  "3.47"
## [6553] "3.53"  "1.77"  "1.8"   "2"     "2.2"   "2.55"  "2.95"
## [6560] "3.1"   "3.37"  "3.15"  "3.85"  "3.69"  "3.89"  "4"
## [6567] "4.2"   "4.18"  "2.6"   "2.69"  "2.73"  "3"     "3.24"
## [6574] "2.13"  "2.23"  "2.44"  "2.75"  "2.9"   "1.5"   "1.5"
## [6581] "2.5"   NA      NA      "1.67"  "1.82"  "2.06"  "1.8"
## [6588] "1.95"  "1.55"  "1.45"  "2.16"  "2"     "2.15"  "1.71"
## [6595] "1.55"  "1.7"   "2.12"  "2.21"  "1.71"  "1.84"  "2.6"
## [6602] "2.25"  "2.47"  "1.65"  "1.35"  "1.65"  NA      NA
## [6609] "1.7"   "1.55"  "1.95"  "2"     "1.92"  "1.9"   "1.85"
## [6616] "2.4"   "1.79"  "1.8"   "1.63"  "1.75"  "1.8"   "1.85"
## [6623] "1.92"  "1.73"  "1.9"   "2.6"   "2.5"   "2.43"  "1.85"
```

```
## [6630] "1.9"   "2.35"  "2.15"  "2.31"  "1.7"   "2.3"   "1.97"
## [6637] "1.9"   "2.05"  "1.55"  "1.4"   "1.5"   "1.5"   "MISSING"
## [6644] "2.3"   "2.6"   "2.5"   NA      NA      "1.65"  "1.6"
## [6651] "1.8"   "1.81"  "1.95"  "1.6"   "1.5"   "1.6"   "1.58"
## [6658] "1.96"  "1.9"   "2.1"   "1.5"   NA      NA      "1.74"
## [6665] "1.8"   "1.7"   NA      NA      "1.75"  "1.9"   "1.4"
## [6672] "1.72"  "2.06"  "1"     "1"     "1"     NA      NA
## [6679] "2.84"  "2.75"  "3"     "3.05"  "3.1"   "2.79"  "2.7"
## [6686] "3.1"   "3.45"  "3.17"  "2.23"  "2.15"  "2.2"   "2.15"
## [6693] "2.13"  "2.76"  "2.8"   "3.2"   "3.1"   "3.65"  "1.68"
## [6700] "1.75"  "1.7"   "1.7"   "1.8"   "3.25"  "3.45"  "3.85"
## [6707] "3.8"   "4.4"   "2.92"  "3"     "3.5"   "3.6"   "4.03"
## [6714] "2.93"  "3.1"   "3.5"   "3.7"   "3.58"  "1.7"   "1.55"
## [6721] "1.9"   "2.1"   "2.45"  "2.29"  "2.55"  "2.4"   "2.1"
## [6728] "2.76"  "2.4"   "2.15"  "1.9"   "1.95"  "2.25"  "1.97"
## [6735] "2.05"  "2"     "1.9"   "2.08"  "2.17"  "2.25"  "2.3"
## [6742] "2"     "2.05"  "2.63"  "2.9"   "2.75"  "2.6"   "2.51"
## [6749] "3.18"  "3.84"  "3.45"  "3.4"   "3.69"  "1.35"  "1.2"
## [6756] "1.6"   "4.37"  "2.35"  "2.3"   "2.33"  "2.9"   "3.45"
## [6763] "3.82"  "2.22"  "2.51"  "2.55"  "2.85"  "3.45"  "2.57"
## [6770] "2.1"   "2.3"   "2.5"   "2.75"  "2.35"  "2.66"  "2.9"
## [6777] "3.05"  "3.95"  "1.9"   "1.9"   "1.85"  "1.95"  "2.58"
## [6784] "1.97"  "1.53"  "2.6"   "4"     "4.2"   "2"     "1.25"
## [6791] "2.1"   "2.1"   "2.42"  "1.74"  "1.82"  "2.64"  "2.95"
## [6798] "3.2"   "1.45"  "1.55"  "1.8"   "1.85"  "2"     "3.3"
## [6805] "2.6"   "3.2"   "4.1"   "4.15"  "2.04"  "2.1"   "2.1"
## [6812] "2.42"  "3.35"  "1.6"   "2"     "2.15"  "2.6"   "2.99"
## [6819] "1.4"   "1.4"   "1.75"  "1.65"  "4.13"  "1.64"  "2"
## [6826] "2.5"   "3"     "3.09"  "1.99"  "1.9"   "1.95"  "2.1"
## [6833] "2.2"   "2.54"  "2.2"   "2.65"  "2.9"   "2.81"  "1.55"
## [6840] "1.55"  "1.75"  "1.86"  "2.25"  "1.9"   "1.9"   "2"
## [6847] "1.95"  "2.08"  "1.96"  "2"     "1.95"  "2.1"   "2.44"
## [6854] "1.42"  "1.35"  "1.6"   "1.9"   "1.97"  "2.45"  "2.55"
## [6861] "2.7"   "2.6"   "2.59"  "1.82"  "1.8"   "2.2"   "2.26"
## [6868] "2.39"  "1.8"   "1.75"  "1.6"   "1.6"   "2.01"  "1.6"
## [6875] "1.4"   "1.05"  "1.65"  "1.83"  "3.39"  "3.64"  "4.1"
## [6882] "4"     "3.94"  "2.4"   "2.6"   "3"     "3"     "3.39"
## [6889] "4.57"  "4.95"  "4.9"   "4.6"   "5.3"   "2.55"  "3.03"
## [6896] "3.09"  "3.4"   "3.67"  "4.43"  "4.51"  "4.6"   "2.45"
## [6903] "2.41"  "2.45"  "2.8"   "2.89"  "3.16"  "3.25"  "3.75"
## [6910] "3.8"   "3.95"  "3.55"  "4.03"  "3.61"  "3.6"   "4.22"
## [6917] "4.21"  "4.35"  "4.2"   "1.45"  "1.75"  "1.65"  "1.92"
## [6924] "1.95"  "2.67"  "2.68"  "2.83"  "3"     "3.18"  "1.88"
## [6931] "1.95"  "1.95"  "2.2"   "2.05"  "2.65"  "2.8"   "3"
## [6938] "3.2"   "3.14"  "2.34"  "2.2"   "2.53"  "2.61"  "2.24"
## [6945] "2.25"  "2.16"  "2.7"   "3.28"  "2.85"  "3.29"  "3.5"
## [6952] "3.47"  "2.79"  "2.8"   "3.32"  "3.6"   "2.5"   "2.4"
## [6959] "2.63"  "3"     "2.1"   "2.2"   "2.25"  "2.7"   "3.9"
## [6966] "3.8"   "3.77"  "4.05"  "4.7"   "1.96"  "2.1"   "2.4"
## [6973] "2.7"   "1.6"   "1.6"   "1.7"   "1.8"   "2"     "2"
## [6980] "1.85"  "2.3"   "1.55"  "2.1"   "1.9"   NA      "1.4"
## [6987] "2.2"   "2.49"  NA      "2.26"  "2.15"  "3.25"  NA
## [6994] "2.4"   "2"     "2.33"  "2.55"  "1.7"   "1.85"  "3.3"
## [7001] "3.4"   "2.28"  "1.95"  "2.42"  "2.1"   "1.99"  "1.8"
```

```
## [7008] "2.48"   "2.65"   "1.91"   "1.75"   "2.73"   "2.95"   "1.89"
## [7015] "1.7"    "2.89"   "2.1"    "1.79"   "1.75"   "2.2"    "2.6"
## [7022] "1.7"    "1.55"   "1.85"   "2.6"    "1.9"    "1.6"    "1.5"
## [7029] "1.45"   "1.5"    "1.57"   "2.78"   "2.8"    "0.8"    "2.6"
## [7036] "2.6"    "1.7"    "1.7"    "1.78"   "2.05"   "2"      "1.6"
## [7043] "1.6"    "1.52"   NA       NA       "2.17"   "2.3"    "2.13"
## [7050] "2.3"    "2.15"   "1.45"   "1.35"   "1.3"    "0.8"    "0.9"
## [7057] "2.1"    "2.4"    "2.1"    "2.15"   "2.13"   "1.57"   "1.85"
## [7064] "1.7"    "2.05"   "2.1"    "2.57"   "2.15"   "2.04"   "1.9"
## [7071] "1.95"   "3.1"    "3.05"   "3.57"   "4"      "4.75"   "1.55"
## [7078] "1.7"    "1.7"    "1.6"    "2"      "1.9"    "1.92"   "2.07"
## [7085] "1.82"   "1.95"   "3"      "3.1"    "3.24"   "3.1"    "3.28"
## [7092] "3.38"   "3.55"   "3.63"   "3.7"    "3.39"   "2.69"   "2.7"
## [7099] "3.05"   "3"      "3.6"    "1.65"   "1.85"   "1.88"   "2"
## [7106] "2.28"   "3.55"   "3.55"   "4.04"   "3.7"    "4.09"   "2.31"
## [7113] "2.25"   "2.57"   "1.8"    "3.17"   "3.28"   "3.3"    "3.92"
## [7120] "4"      "4.37"   "1.79"   "1.8"    "1.8"    NA       NA
## [7127] "2.68"   "2.9"    "2.7"    "2.8"    "2.8"    "2.79"   "3.37"
## [7134] "3.29"   "2.9"    "3.13"   "1.99"   "2.09"   "2.26"   "2.1"
## [7141] "2.23"   "1.86"   "2.1"    "1.95"   "1.8"    "1.67"   "2.13"
## [7148] "2.24"   "2.66"   "2.6"    "3.32"   "1.75"   "1.85"   "2.05"
## [7155] "2.1"    "2.47"   "1.92"   "2.15"   "2.12"   "2"      "1.72"
## [7162] "2.63"   "2.79"   "2.83"   "2.7"    "3"      "2.17"   "2.39"
## [7169] "2.65"   "3"      "3.45"   "1.75"   "1.7"    "1.5"    "1.75"
## [7176] "1.6"    "1.3"    "1.85"   "1.95"   "1.8"    "1.6"    "1.98"
## [7183] "1.8"    "2.08"   "2.2"    "1.67"   "1.99"   "1.7"    "1.95"
## [7190] "2"      "1.87"   "1.63"   "1.6"    "1.45"   "1.2"    "1.06"
## [7197] "1.85"   "1.85"   "1.85"   "1.62"   "1.68"   "2.48"   "1.75"
## [7204] "1.89"   "2"      "1.82"   "1.29"   "1.3"    "1.4"    "0.7"
## [7211] "1.58"   "1.5"    "1.25"   "1.4"    NA       NA       "1.65"
## [7218] "1.6"    "1.52"   "2.4"    "1.35"   "1.54"   "1.2"    "1.4"
## [7225] "1.75"   NA       "1.38"   "1.1"    "1.9"    "1.8"    "1.85"
## [7232] "2.44"   "1.6"    "1.6"    "1.6"    "1.7"    "1.76"   "1.45"
## [7239] "2.45"   "1.6"    "1.78"   "1.25"   "0.76"   "1.6"    "1.8"
## [7246] "2.2"    "1.4"    "1.3"    NA       "1.5"    "1.82"   "1.93"
## [7253] "1.9"    "1.93"   "1.8"    "2.25"   "2.21"   "2.3"    "2.21"
## [7260] "2.4"    "2.23"   "1.85"   "1.5"    "1.9"    "1.9"    "2.33"
## [7267] "1.65"   "1.55"   NA       "2"      "2.05"   "2.7"    "2.65"
## [7274] "3"      "2.78"   "3.05"   "2.4"    "2.5"    "2.8"    "2.95"
## [7281] "3.05"   "3.57"   "3.45"   "4.1"    "3.8"    "3.82"   "3.47"
## [7288] "3.55"   "4.2"    "3.7"    "4.09"   "2.41"   "2.25"   "2.75"
## [7295] "3.7"    "3.47"   "2.83"   "2.7"    "2.65"   "2.8"    "2.87"
## [7302] "1.7"    "1.75"   "1.9"    "2"      "2.82"   "2.38"   "2.32"
## [7309] "2.65"   "3.1"    "2.64"   "2.58"   "2.62"   "2.8"    "2.75"
## [7316] "2.69"   "2.37"   "2.5"    "2.6"    "2.5"    "2.84"   "2.9"
## [7323] "3.3"    "3.85"   "4.1"    "4.17"   "3.35"   "3.4"    "3.5"
## [7330] "5.23"   "3.15"   "3.2"    "2.5"    "2.9"    "3.6"    "3.35"
## [7337] "2.2"    "2.15"   "2.1"    "2.7"    "2.92"   "3.52"   "3.85"
## [7344] "4"      "3.8"    "4.01"   "2.9"    "3"      "3.65"   "3.5"
## [7351] "4.28"   "3.92"   "3.5"    "4.2"    "4.15"   "5.1"    "2.91"
## [7358] "3.3"    "4.1"    "4.8"    "4.49"   "3.45"   "3.7"    "3.7"
## [7365] "3.25"   "3.56"   "2"      "2.01"   "2.2"    "2.35"   "2.84"
## [7372] "2.1"    "2.1"    "2.95"   "3.51"   "3.68"   "1.58"   "1.62"
## [7379] "1.6"    "1.62"   "1.76"   "1.7"    "1.75"   "2.1"    "2.62"
```

```
## [7386] "2.71"   "2.02"   "2.55"   "2.5"    "2.65"   "2.61"   "1.7"
## [7393] "1.94"   "2.35"   "2.27"   "2.26"   "1.3"    "2.15"   "1.95"
## [7400] "1.7"    "1.9"    "2"      "2.4"    "1.75"   "2.5"    "2.1"
## [7407] "1.8"    "1.2"    "2.25"   "2.39"   "3.18"   "1.4"    "1.85"
## [7414] "1.4"    NA       NA       "1.9"    "1.9"    "2.2"    "2.6"
## [7421] "2.77"   "1.5"    "1.45"   "1.45"   "1.62"   "1.75"   "1.75"
## [7428] "1.85"   "2"      "2.15"   "2.2"    "1.76"   "1.85"   "2"
## [7435] "2.05"   "2.06"   "1.45"   "1.4"    "1.45"   "1.7"    "1.78"
## [7442] "1.8"    "1.95"   "1.9"    "1.8"    "1.96"   "1.99"   "2.11"
## [7449] "2"      NA       NA       "2.82"   "3.1"    "3"      "3.1"
## [7456] "2.86"   "1.6"    "1.6"    "1.6"    "1.72"   "1.93"   "1.6"
## [7463] "1.6"    "1.6"    "1.7"    "2.1"    "1.81"   "1.92"   "1.85"
## [7470] "2.15"   "2.33"   "3.23"   "3.74"   "3.81"   "4"      "3.91"
## [7477] "2.9"    "3.15"   "3.85"   "3.35"   "3.88"   "1.89"   "2.49"
## [7484] "2.65"   "2.56"   "3.06"   "2.65"   "2.45"   "3.65"   "3.35"
## [7491] "4.3"    "3"      "2.12"   "2.98"   NA       NA       "2.54"
## [7498] "1.88"   "2.3"    "2"      "3.5"    "3.15"   "2"      "3.4"
## [7505] "2.6"    "2.69"   NA       "4.36"
```

```r
trees$HEIGHT <- as.numeric(trees$HEIGHT)
```

```
## Warning: NAs introduced by coercion
```

```r
head(trees)
```

```
## # A tibble: 6 x 16
##    SURVEY  YEAR SITE  TREATMENT BLOCK PLOT  SPECIES ORIGI~1 NEW_TAG DEAD  HEIGHT
##     <dbl> <dbl> <chr> <chr>     <dbl> <chr> <chr>     <dbl>   <dbl> <chr>  <dbl>
## 1       1  2009 SOUTH TOTAL         2 S2TOT~ Acacia~       1      NA N       3.4
## 2       2  2010 SOUTH TOTAL         2 S2TOT~ Acacia~       1      NA N      3.32
## 3       3  2011 SOUTH TOTAL         2 S2TOT~ Acacia~       1      NA N      3.65
## 4       4  2012 SOUTH TOTAL         2 S2TOT~ Acacia~       1      NA N      3.74
## 5       5  2013 SOUTH TOTAL         2 S2TOT~ Acacia~       1      NA N      3.59
## 6       1  2009 SOUTH TOTAL         2 S2TOT~ Acacia~       2      NA N       2.3
## # ... with 5 more variables: AXIS_1 <dbl>, AXIS_2 <chr>, CIRC <dbl>,
## #   MEASUREMENT <chr>, STEMS <chr>, and abbreviated variable name
## #   1: ORIGINAL_TAG
```

Alternatively, we can force variables to be assigned a specific type when we read them:

```r
trees <- read_tsv("../data-raw/TREE_SURVEYS.txt",
             col_types = list(HEIGHT = col_double(),
                              AXIS_2 = col_double()))
```

```
## Warning: One or more parsing issues, call `problems()` on your data frame for details,
## e.g.:
##   dat <- vroom(...)
##   problems(dat)
```

```r
canopy_area <- trees$AXIS_1 * trees$AXIS_2
head(trees)
```

```
## # A tibble: 6 x 16
##    SURVEY  YEAR SITE  TREATMENT BLOCK PLOT  SPECIES ORIGI~1 NEW_TAG DEAD  HEIGHT
##     <dbl> <dbl> <chr> <chr>     <dbl> <chr> <chr>     <dbl>   <dbl> <chr>  <dbl>
## 1       1  2009 SOUTH TOTAL         2 S2TOT~ Acacia~       1      NA N       3.4
## 2       2  2010 SOUTH TOTAL         2 S2TOT~ Acacia~       1      NA N      3.32
## 3       3  2011 SOUTH TOTAL         2 S2TOT~ Acacia~       1      NA N      3.65
```

```
## 4      4  2012 SOUTH TOTAL        2 S2TOT~ Acacia~      1    NA N      3.74
## 5      5  2013 SOUTH TOTAL        2 S2TOT~ Acacia~      1    NA N      3.59
## 6      1  2009 SOUTH TOTAL        2 S2TOT~ Acacia~      2    NA N      2.3
## # ... with 5 more variables: AXIS_1 <dbl>, AXIS_2 <dbl>, CIRC <dbl>,
## #   MEASUREMENT <chr>, STEMS <chr>, and abbreviated variable name
## #   1: ORIGINAL_TAG
```

```
trees$canopy_area <- canopy_area
trees$area <- canopy_area
```

```
numbers <- -10:10
letters[-4]
```

```
## [1] "a" "b" "c" "e" "f" "g" "h" "i" "j" "k" "l" "m" "n" "o" "p" "q" "r" "s" "t"
## [20] "u" "v" "w" "x" "y" "z"
```

```
numbers[c(1:3,5:10)]
```

```
## [1] -10  -9  -8  -6  -5  -4  -3  -2  -1
```

```
numbers[-4]
```

```
## [1] -10  -9  -8  -6  -5  -4  -3  -2  -1   0   1   2   3   4   5   6   7   8   9
## [20]  10
```

```
trees[1:3,-(5:10)]
```

```
## # A tibble: 3 x 12
##    SURVEY  YEAR SITE  TREATMENT HEIGHT AXIS_1 AXIS_2  CIRC MEASUR~1 STEMS canop~2
##     <dbl> <dbl> <chr> <chr>      <dbl>  <dbl>  <dbl> <dbl> <chr>    <chr>   <dbl>
## 1      1  2009 SOUTH TOTAL        3.4    6.1   5     37.8  D        1        30.5
## 2      2  2010 SOUTH TOTAL        3.32   8.25  8.45  18.8  D        1        69.7
## 3      3  2011 SOUTH TOTAL        3.65   8.85  9     57    C        1        79.6
## # ... with 1 more variable: area <dbl>, and abbreviated variable names
## #   1: MEASUREMENT, 2: canopy_area
```

```
trees
```

```
## # A tibble: 7,508 x 18
##    SURVEY  YEAR SITE  TREATMENT BLOCK PLOT  SPECIES ORIGI~1 NEW_TAG DEAD  HEIGHT
##     <dbl> <dbl> <chr> <chr>     <dbl> <chr> <chr>     <dbl>   <dbl> <chr>  <dbl>
## 1       1  2009 SOUTH TOTAL         2 S2TO~ Acacia~       1      NA N       3.4
## 2       2  2010 SOUTH TOTAL         2 S2TO~ Acacia~       1      NA N       3.32
## 3       3  2011 SOUTH TOTAL         2 S2TO~ Acacia~       1      NA N       3.65
## 4       4  2012 SOUTH TOTAL         2 S2TO~ Acacia~       1      NA N       3.74
## 5       5  2013 SOUTH TOTAL         2 S2TO~ Acacia~       1      NA N       3.59
## 6       1  2009 SOUTH TOTAL         2 S2TO~ Acacia~       2      NA N       2.3
## 7       2  2010 SOUTH TOTAL         2 S2TO~ Acacia~       2      NA N       2.32
## 8       3  2011 SOUTH TOTAL         2 S2TO~ Acacia~       2      NA N       2.75
## 9       4  2012 SOUTH TOTAL         2 S2TO~ Acacia~       2      NA Y      NA
## 10      5  2013 SOUTH TOTAL         2 S2TO~ Acacia~       2      NA N       2.86
## # ... with 7,498 more rows, 7 more variables: AXIS_1 <dbl>, AXIS_2 <dbl>,
## #   CIRC <dbl>, MEASUREMENT <chr>, STEMS <chr>, canopy_area <dbl>, area <dbl>,
## #   and abbreviated variable name 1: ORIGINAL_TAG
```

Create a subset the trees data frame with just the SURVEY, YEAR, SITE, and canopy_area columns:

```
subset(trees, select=c(SURVEY, YEAR, SITE, canopy_area))
```

```
## # A tibble: 7,508 x 4
```

```
##    SURVEY  YEAR SITE   canopy_area
##     <dbl> <dbl> <chr>         <dbl>
##  1      1  2009 SOUTH          30.5
##  2      2  2010 SOUTH          69.7
##  3      3  2011 SOUTH          79.6
##  4      4  2012 SOUTH          39.0
##  5      5  2013 SOUTH          40.8
##  6      1  2009 SOUTH          6.16
##  7      2  2010 SOUTH          7.29
##  8      3  2011 SOUTH          12.5
##  9      4  2012 SOUTH            NA
## 10      5  2013 SOUTH          9.62
## # ... with 7,498 more rows
```

```r
data.frame(SURVEY = trees$SURVEY,
           YEAR = trees$YEAR,
           SITE = trees$SITE,
           canopy_area = trees$canopy_area)
```

```
##     SURVEY YEAR   SITE canopy_area
## 1        1 2009  SOUTH    30.50000
## 2        2 2010  SOUTH    69.71250
## 3        3 2011  SOUTH    79.65000
## 4        4 2012  SOUTH    39.05000
## 5        5 2013  SOUTH    40.75000
## 6        1 2009  SOUTH     6.16000
## 7        2 2010  SOUTH     7.28750
## 8        3 2011  SOUTH    12.54000
## 9        4 2012  SOUTH          NA
## 10       5 2013  SOUTH     9.62000
## 11       1 2009  SOUTH    20.35000
## 12       2 2010  SOUTH    18.36000
## 13       3 2011  SOUTH    22.40000
## 14       4 2012  SOUTH          NA
## 15       5 2013  SOUTH    42.21000
## 16       1 2009  SOUTH     2.24000
## 17       2 2010  SOUTH     7.70000
## 18       3 2011  SOUTH    14.60000
## 19       4 2012  SOUTH    17.22000
## 20       5 2013  SOUTH    23.43250
## 21       1 2009  SOUTH    18.90000
## 22       2 2010  SOUTH    18.36000
## 23       3 2011  SOUTH    35.40000
## 24       4 2012  SOUTH    55.25000
## 25       5 2013  SOUTH    34.72000
## 26       1 2009  SOUTH    14.82000
## 27       2 2010  SOUTH    10.23000
## 28       3 2011  SOUTH    12.21000
## 29       4 2012  SOUTH    12.95000
## 30       5 2013  SOUTH    20.02500
## 31       1 2009  SOUTH    19.95000
## 32       2 2010  SOUTH    30.07000
## 33       3 2011  SOUTH    30.80000
## 34       4 2012  SOUTH    37.52000
## 35       5 2013  SOUTH    36.54000
```

```
## 36        1 2009    SOUTH      1.87000
## 37        2 2010    SOUTH      4.50000
## 38        3 2011    SOUTH      6.36000
## 39        4 2012    SOUTH      9.52000
## 40        5 2013    SOUTH     12.45000
## 41        1 2009    SOUTH      5.75000
## 42        2 2010    SOUTH      4.62000
## 43        3 2011    SOUTH      8.00000
## 44        4 2012    SOUTH     22.95000
## 45        5 2013    SOUTH     25.07000
## 46        1 2009    SOUTH      9.45000
## 47        2 2010    SOUTH     11.55000
## 48        3 2011    SOUTH     21.56000
## 49        4 2012    SOUTH     20.40000
## 50        5 2013    SOUTH     43.22500
## 51        1 2009    SOUTH     14.08000
## 52        2 2010    SOUTH     13.76000
## 53        3 2011    SOUTH     12.60000
## 54        4 2012    SOUTH     24.44000
## 55        5 2013    SOUTH     29.87000
## 56        1 2009    SOUTH      8.75000
## 57        2 2010    SOUTH      2.40700
## 58        3 2011    SOUTH      6.24000
## 59        4 2012    SOUTH           NA
## 60        5 2013    SOUTH     20.47500
## 61        1 2009    SOUTH      6.24000
## 62        2 2010    SOUTH      5.78400
## 63        3 2011    SOUTH      5.22000
## 64        4 2012    SOUTH     19.76000
## 65        5 2013    SOUTH      4.62000
## 66        1 2009    SOUTH      7.50000
## 67        2 2010    SOUTH     20.40000
## 68        3 2011    SOUTH      6.72000
## 69        4 2012    SOUTH      8.37000
## 70        5 2013    SOUTH     21.45000
## 71        1 2009    SOUTH      8.10000
## 72        2 2010    SOUTH     10.43100
## 73        3 2011    SOUTH     16.96000
## 74        4 2012    SOUTH     49.70000
## 75        5 2013    SOUTH     39.04000
## 76        1 2009    SOUTH      1.20000
## 77        2 2010    SOUTH      4.84000
## 78        3 2011    SOUTH      5.00000
## 79        4 2012    SOUTH     19.50000
## 80        5 2013    SOUTH     31.27000
## 81        1 2009    SOUTH      3.61000
## 82        2 2010    SOUTH      6.39200
## 83        3 2011    SOUTH      6.24000
## 84        4 2012    SOUTH      9.72000
## 85        5 2013    SOUTH     18.04000
## 86        1 2009    SOUTH     19.38000
## 87        2 2010    SOUTH     16.32000
## 88        3 2011    SOUTH     25.25000
## 89        4 2012    SOUTH     32.76000
```

```
## 90       5 2013    SOUTH      65.32000
## 91       1 2009    SOUTH      60.04000
## 92       2 2010    SOUTH      50.13200
## 93       3 2011    SOUTH      60.30000
## 94       4 2012    SOUTH      78.26000
## 95       5 2013    SOUTH     103.02000
## 96       1 2009    SOUTH      15.60000
## 97       2 2010    SOUTH       8.91000
## 98       3 2011    SOUTH      13.64000
## 99       4 2012    SOUTH      12.75000
## 100      5 2013    SOUTH      33.92000
## 101      1 2009    SOUTH       1.35000
## 102      2 2010    SOUTH       4.07000
## 103      3 2011    SOUTH       2.66000
## 104      4 2012    SOUTH       8.99000
## 105      5 2013    SOUTH       8.10000
## 106      1 2009    SOUTH       1.10000
## 107      2 2010    SOUTH       3.44000
## 108      3 2011    SOUTH       4.33500
## 109      4 2012    SOUTH       5.06000
## 110      5 2013    SOUTH      10.54000
## 111      1 2009    SOUTH       1.56000
## 112      2 2010    SOUTH       3.33000
## 113      3 2011    SOUTH       5.28000
## 114      4 2012    SOUTH      10.88000
## 115      5 2013    SOUTH       3.15000
## 116      1 2009    SOUTH       1.75500
## 117      2 2010    SOUTH       1.75000
## 118      3 2011    SOUTH       2.06250
## 119      4 2012    SOUTH       9.36000
## 120      5 2013    SOUTH       5.06250
## 121      1 2009    SOUTH       1.08000
## 122      2 2010    SOUTH       1.81250
## 123      3 2011    SOUTH       2.17000
## 124      4 2012    SOUTH       1.95000
## 125      5 2013    SOUTH            NA
## 126      1 2009    SOUTH       1.05000
## 127      2 2010    SOUTH       1.00000
## 128      3 2011    SOUTH       0.95000
## 129      4 2012    SOUTH       3.60000
## 130      5 2013    SOUTH       3.24000
## 131      1 2009    SOUTH       9.03000
## 132      2 2010    SOUTH      14.31750
## 133      3 2011    SOUTH      16.28000
## 134      4 2012    SOUTH      12.58000
## 135      5 2013    SOUTH      18.92000
## 136      1 2009    SOUTH       2.94000
## 137      2 2010    SOUTH       5.02250
## 138      3 2011    SOUTH            NA
## 139      5 2013    SOUTH      23.50000
## 140      1 2009    SOUTH       5.75000
## 141      2 2010    SOUTH       8.40750
## 142      3 2011    SOUTH       9.92000
## 143      5 2013    SOUTH      16.80000
```

```
## 144       1 2009    SOUTH      4.14000
## 145       2 2010    SOUTH      4.09500
## 146       3 2011    SOUTH      8.70000
## 147       5 2013    SOUTH     13.31250
## 148       1 2009    SOUTH      8.40000
## 149       2 2010    SOUTH      8.84000
## 150       3 2011    SOUTH      8.82000
## 151       4 2012    SOUTH     14.28000
## 152       5 2013    SOUTH     17.86000
## 153       1 2009    SOUTH      2.66000
## 154       2 2010    SOUTH      3.46500
## 155       3 2011    SOUTH      3.96000
## 156       5 2013    SOUTH     11.70000
## 157       1 2009    SOUTH      0.26000
## 158       2 2010    SOUTH      0.32500
## 159       3 2011    SOUTH      0.52500
## 160       4 2012    SOUTH      1.32000
## 161       5 2013    SOUTH      3.50000
## 162       1 2009    SOUTH      7.43400
## 163       2 2010    SOUTH     13.20000
## 164       3 2011    SOUTH     12.30000
## 165       4 2012    SOUTH     14.62000
## 166       5 2013    SOUTH     15.99000
## 167       1 2009    SOUTH      0.04370
## 168       2 2010    SOUTH           NA
## 169       5 2013    SOUTH           NA
## 170       1 2009    SOUTH      4.20000
## 171       2 2010    SOUTH      4.20000
## 172       3 2011    SOUTH      6.75750
## 173       4 2012    SOUTH      7.20000
## 174       5 2013    SOUTH     15.20000
## 175       1 2009    SOUTH      5.28000
## 176       2 2010    SOUTH      8.12700
## 177       3 2011    SOUTH      4.70000
## 178       4 2012    SOUTH     16.72000
## 179       5 2013    SOUTH     17.16000
## 180       1 2009    SOUTH     10.54000
## 181       2 2010    SOUTH     11.16000
## 182       3 2011    SOUTH      5.50000
## 183       4 2012    SOUTH     11.20000
## 184       5 2013    SOUTH     25.07500
## 185       2 2010    SOUTH     12.92700
## 186       3 2011    SOUTH     17.83500
## 187       4 2012    SOUTH     20.28000
## 188       5 2013    SOUTH     29.25000
## 189       1 2009    SOUTH      0.75000
## 190       2 2010    SOUTH      1.21200
## 191       3 2011    SOUTH      2.55750
## 192       4 2012    SOUTH      3.80000
## 193       5 2013    SOUTH      5.80500
## 194       1 2009    SOUTH      0.26000
## 195       2 2010    SOUTH      1.66170
## 196       3 2011    SOUTH      2.47500
## 197       4 2012    SOUTH      5.40000
```

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## 198         5 2013    SOUTH         5.41500
## 199         2 2010    SOUTH         0.09000
## 200         3 2011    SOUTH         0.27000
## 201         4 2012    SOUTH         0.29250
## 202         5 2013    SOUTH         0.16500
## 203         1 2009    SOUTH         0.60000
## 204         2 2010    SOUTH         0.42000
## 205         3 2011    SOUTH         0.52500
## 206         4 2012    SOUTH         0.34000
## 207         5 2013    SOUTH         0.45500
## 208         1 2009    SOUTH         3.30000
## 209         2 2010    SOUTH         4.32000
## 210         3 2011    SOUTH         5.16000
## 211         4 2012    SOUTH         6.60000
## 212         5 2013    SOUTH         8.68000
## 213         1 2009    SOUTH         1.15500
## 214         2 2010    SOUTH         0.95000
## 215         3 2011    SOUTH         1.10000
## 216         4 2012    SOUTH         1.82000
## 217         5 2013    SOUTH         2.24000
## 218         1 2009    SOUTH         1.75000
## 219         2 2010    SOUTH         2.27500
## 220         3 2011    SOUTH         4.00000
## 221         4 2012    SOUTH         4.83000
## 222         5 2013    SOUTH         5.98000
## 223         1 2009    SOUTH         0.73150
## 224         2 2010    SOUTH         1.43000
## 225         3 2011    SOUTH         4.10000
## 226         4 2012    SOUTH         5.75000
## 227         5 2013    SOUTH         5.46000
## 228         1 2009    SOUTH         0.91800
## 229         2 2010    SOUTH         1.21000
## 230         3 2011    SOUTH         3.42000
## 231         4 2012    SOUTH         4.32000
## 232         5 2013    SOUTH         7.67000
## 233         1 2009    SOUTH         5.20000
## 234         2 2010    SOUTH         6.44000
## 235         3 2011    SOUTH         6.75000
## 236         4 2012    SOUTH         8.77150
## 237         5 2013    SOUTH         6.67000
## 238         1 2009    SOUTH         3.04000
## 239         2 2010    SOUTH         3.23000
## 240         3 2011    SOUTH         5.29000
## 241         4 2012    SOUTH         6.88500
## 242         5 2013    SOUTH         7.28000
## 243         1 2009    SOUTH         4.46500
## 244         2 2010    SOUTH         4.08000
## 245         3 2011    SOUTH         7.52000
## 246         4 2012    SOUTH         6.32500
## 247         5 2013    SOUTH         8.69500
## 248         1 2009    SOUTH         7.44000
## 249         2 2010    SOUTH         9.86000
## 250         3 2011    SOUTH        11.20000
## 251         4 2012    SOUTH        16.20000
```

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## 252       5 2013    SOUTH       6.76000
## 253       1 2009    SOUTH       2.10000
## 254       2 2010    SOUTH       2.02500
## 255       3 2011    SOUTH       5.22500
## 256       4 2012    SOUTH       4.24650
## 257       5 2013    SOUTH      24.47500
## 258       1 2009    SOUTH       3.80000
## 259       2 2010    SOUTH       5.04000
## 260       3 2011    SOUTH       8.70000
## 261       4 2012    SOUTH      12.24000
## 262       5 2013    SOUTH      10.85000
## 263       1 2009    SOUTH       2.34000
## 264       2 2010    SOUTH       2.72000
## 265       3 2011    SOUTH       3.31500
## 266       4 2012    SOUTH       8.80000
## 267       5 2013    SOUTH       7.50000
## 268       1 2009    SOUTH       7.02000
## 269       2 2010    SOUTH       4.27500
## 270       3 2011    SOUTH       8.10000
## 271       4 2012    SOUTH       8.83500
## 272       5 2013    SOUTH      10.47250
## 273       1 2009    SOUTH       5.00000
## 274       2 2010    SOUTH       4.48500
## 275       3 2011    SOUTH       5.28000
## 276       4 2012    SOUTH       4.65500
## 277       5 2013    SOUTH       5.28000
## 278       1 2009    SOUTH       2.16000
## 279       2 2010    SOUTH       2.31000
## 280       3 2011    SOUTH       3.23000
## 281       4 2012    SOUTH       2.92600
## 282       5 2013    SOUTH       4.37500
## 283       1 2009    SOUTH       6.34680
## 284       2 2010    SOUTH      10.85000
## 285       3 2011    SOUTH       6.09500
## 286       4 2012    SOUTH      12.24000
## 287       5 2013    SOUTH      11.22000
## 288       1 2009    SOUTH      33.04800
## 289       2 2010    SOUTH      33.48000
## 290       3 2011    SOUTH      45.54000
## 291       4 2012    SOUTH      43.92000
## 292       5 2013    SOUTH      25.92000
## 293       1 2009    SOUTH       5.25800
## 294       2 2010    SOUTH       7.80000
## 295       3 2011    SOUTH       8.70000
## 296       4 2012    SOUTH      12.95000
## 297       5 2013    SOUTH      13.12000
## 298       1 2009    SOUTH       7.70500
## 299       2 2010    SOUTH       5.98000
## 300       3 2011    SOUTH       7.44000
## 301       4 2012    SOUTH      12.21000
## 302       5 2013    SOUTH       7.56000
## 303       1 2009    SOUTH       2.10000
## 304       2 2010    SOUTH       2.31000
## 305       3 2011    SOUTH       5.17000
```

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## 306      4 2012    SOUTH     5.40000
## 307      5 2013    SOUTH    10.73000
## 308      1 2009    SOUTH     3.07500
## 309      2 2010    SOUTH     6.50000
## 310      3 2011    SOUTH     6.12500
## 311      4 2012    SOUTH     7.83000
## 312      5 2013    SOUTH    10.23000
## 313      1 2009    SOUTH     1.62500
## 314      2 2010    SOUTH    11.90000
## 315      3 2011    SOUTH    14.43000
## 316      4 2012    SOUTH    20.68000
## 317      5 2013    SOUTH    20.21000
## 318      1 2009    SOUTH    11.59000
## 319      2 2010    SOUTH     0.88000
## 320      3 2011    SOUTH     1.32000
## 321      4 2012    SOUTH     1.54000
## 322      5 2013    SOUTH     1.75000
## 323      1 2009    SOUTH     6.36000
## 324      2 2010    SOUTH     9.92000
## 325      3 2011    SOUTH     8.26000
## 326      4 2012    SOUTH    11.20000
## 327      5 2013    SOUTH    12.95000
## 328      1 2009    SOUTH     3.15000
## 329      2 2010    SOUTH     4.10000
## 330      3 2011    SOUTH     3.51500
## 331      4 2012    SOUTH     9.86000
## 332      5 2013    SOUTH     7.56000
## 333      1 2009    SOUTH    29.40000
## 334      2 2010    SOUTH    33.04000
## 335      3 2011    SOUTH    37.96000
## 336      4 2012    SOUTH    63.99000
## 337      5 2013    SOUTH    41.18000
## 338      1 2009    SOUTH     6.57000
## 339      2 2010    SOUTH     7.26000
## 340      3 2011    SOUTH     6.20000
## 341      4 2012    SOUTH     8.00000
## 342      5 2013    SOUTH     8.99000
## 343      1 2009    SOUTH    11.71500
## 344      2 2010    SOUTH    16.20000
## 345      3 2011    SOUTH    10.53000
## 346      4 2012    SOUTH    25.48000
## 347      5 2013    SOUTH    26.10000
## 348      1 2009    SOUTH    18.55420
## 349      2 2010    SOUTH    23.62500
## 350      3 2011    SOUTH    44.55000
## 351      4 2012    SOUTH    51.83000
## 352      5 2013    SOUTH    28.32000
## 353      1 2009    SOUTH     2.96000
## 354      2 2010    SOUTH     5.06000
## 355      3 2011    SOUTH     7.80000
## 356      4 2012    SOUTH     7.56000
## 357      5 2013    SOUTH     6.58000
## 358      1 2009    SOUTH    13.96500
## 359      2 2010    SOUTH    17.63000
```

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## 360        3 2011    SOUTH     15.64000
## 361        4 2012    SOUTH     33.64000
## 362        5 2013    SOUTH     27.50000
## 363        1 2009    SOUTH      1.36500
## 364        2 2010    SOUTH           NA
## 365        3 2011    SOUTH      1.56000
## 366        4 2012    SOUTH      1.21000
## 367        5 2013    SOUTH      1.43000
## 368        1 2009    SOUTH     57.60000
## 369        2 2010    SOUTH     77.40000
## 370        3 2011    SOUTH    107.91000
## 371        4 2012    SOUTH     75.69000
## 372        5 2013    SOUTH     25.44000
## 373        1 2009    SOUTH     16.40000
## 374        2 2010    SOUTH     12.71000
## 375        3 2011    SOUTH     13.26000
## 376        4 2012    SOUTH     30.80000
## 377        5 2013    SOUTH     32.48000
## 378        1 2009    SOUTH      6.02000
## 379        2 2010    SOUTH      5.94000
## 380        3 2011    SOUTH      7.83000
## 381        5 2013    SOUTH     10.92000
## 382        1 2009    SOUTH      0.47600
## 383        2 2010    SOUTH      0.88000
## 384        3 2011    SOUTH      1.87500
## 385        4 2012    SOUTH      0.88000
## 386        5 2013    SOUTH      0.99000
## 387        1 2009    SOUTH      4.03520
## 388        2 2010    SOUTH      2.88000
## 389        3 2011    SOUTH      4.40750
## 390        4 2012    SOUTH     15.99000
## 391        5 2013    SOUTH     13.53000
## 392        1 2009    SOUTH      0.94340
## 393        2 2010    SOUTH      1.82000
## 394        3 2011    SOUTH      0.60000
## 395        4 2012    SOUTH      0.50000
## 396        5 2013    SOUTH      0.68250
## 397        1 2009    SOUTH      3.32640
## 398        2 2010    SOUTH      0.35000
## 399        3 2011    SOUTH      0.48000
## 400        4 2012    SOUTH      0.21000
## 401        5 2013    SOUTH      0.93500
## 402        2 2010    SOUTH      0.45000
## 403        3 2011    SOUTH      0.39650
## 404        4 2012    SOUTH      0.35000
## 405        5 2013    SOUTH      0.33000
## 406        1 2009    SOUTH           NA
## 407        2 2010    SOUTH      6.30000
## 408        3 2011    SOUTH      6.24000
## 409        4 2012    SOUTH     10.85000
## 410        5 2013    SOUTH      9.10000
## 411        1 2009    SOUTH      1.57500
## 412        2 2010    SOUTH      1.43000
## 413        3 2011    SOUTH      1.30000
```

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## 414      4 2012     SOUTH      6.90000
## 415      5 2013     SOUTH      4.50000
## 416      1 2009     SOUTH      3.23000
## 417      2 2010     SOUTH      5.88000
## 418      3 2011     SOUTH      6.16000
## 419      4 2012     SOUTH      8.58000
## 420      5 2013     SOUTH      8.16000
## 421      1 2009     SOUTH     12.46000
## 422      2 2010     SOUTH     10.08000
## 423      3 2011     SOUTH     15.96000
## 424      4 2012     SOUTH     23.50000
## 425      5 2013     SOUTH     24.75000
## 426      1 2009     SOUTH      3.38250
## 427      2 2010     SOUTH      2.85000
## 428      3 2011     SOUTH      4.08500
## 429      4 2012     SOUTH     18.15000
## 430      5 2013     SOUTH     11.16000
## 431      1 2009     SOUTH      1.38000
## 432      2 2010     SOUTH      1.04500
## 433      3 2011     SOUTH      1.68000
## 434      4 2012     SOUTH      1.20000
## 435      5 2013     SOUTH      1.56000
## 436      1 2009     SOUTH      6.16000
## 437      2 2010     SOUTH      5.25000
## 438      3 2011     SOUTH      3.00000
## 439      4 2012     SOUTH      2.64000
## 440      5 2013     SOUTH           NA
## 441      1 2009     SOUTH      1.40000
## 442      2 2010     SOUTH      1.54000
## 443      3 2011     SOUTH      1.50000
## 444      4 2012     SOUTH      1.62000
## 445      5 2013     SOUTH      4.62000
## 446      2 2010     SOUTH      1.62500
## 447      3 2011     SOUTH      1.95000
## 448      4 2012     SOUTH      1.44000
## 449      4 2012     SOUTH           NA
## 450      1 2009     SOUTH      1.48500
## 451      2 2010     SOUTH      2.24750
## 452      3 2011     SOUTH      2.88000
## 453      4 2012     SOUTH      3.67500
## 454      5 2013     SOUTH      4.20000
## 455      1 2009     SOUTH      2.88000
## 456      2 2010     SOUTH      3.40000
## 457      3 2011     SOUTH      3.92000
## 458      4 2012     SOUTH      5.50000
## 459      5 2013     SOUTH      5.52000
## 460      1 2009     SOUTH      1.84000
## 461      2 2010     SOUTH      3.20000
## 462      3 2011     SOUTH      5.79600
## 463      4 2012     SOUTH      2.40000
## 464      5 2013     SOUTH      4.30500
## 465      1 2009     SOUTH      0.65000
## 466      2 2010     SOUTH      1.20000
## 467      3 2011     SOUTH      1.80000
```

```
## 468       4 2012    SOUTH       2.40000
## 469       5 2013    SOUTH       2.40000
## 470       1 2009    SOUTH       1.89000
## 471       2 2010    SOUTH       2.40000
## 472       3 2011    SOUTH       2.55000
## 473       4 2012    SOUTH       2.25000
## 474       5 2013    SOUTH       1.62000
## 475       1 2009    SOUTH       0.90000
## 476       2 2010    SOUTH       0.10800
## 477       3 2011    SOUTH       1.01760
## 478       4 2012    SOUTH       0.80000
## 479       5 2013    SOUTH       0.56000
## 480       1 2009    SOUTH       0.19250
## 481       2 2010    SOUTH       2.24000
## 482       3 2011    SOUTH       0.42600
## 483       4 2012    SOUTH       0.42000
## 484       5 2013    SOUTH       0.59500
## 485       1 2009    SOUTH       2.14500
## 486       2 2010    SOUTH       2.24000
## 487       3 2011    SOUTH       3.04000
## 488       4 2012    SOUTH          NA
## 489       5 2013    SOUTH          NA
## 490       1 2009    SOUTH      31.63500
## 491       2 2010    SOUTH      56.12000
## 492       3 2011    SOUTH      24.99000
## 493       4 2012    SOUTH      27.72000
## 494       5 2013    SOUTH      48.28000
## 495       1 2009    SOUTH      12.07000
## 496       2 2010    SOUTH       8.51000
## 497       3 2011    SOUTH      16.38000
## 498       4 2012    SOUTH      56.00000
## 499       5 2013    SOUTH          NA
## 500       1 2009    SOUTH      21.31500
## 501       2 2010    SOUTH      12.95000
## 502       3 2011    SOUTH      18.04000
## 503       4 2012    SOUTH      13.44000
## 504       5 2013    SOUTH      24.99000
## 505       1 2009    SOUTH      12.76500
## 506       2 2010    SOUTH      18.45000
## 507       3 2011    SOUTH      18.06000
## 508       4 2012    SOUTH      28.00000
## 509       5 2013    SOUTH      35.91000
## 510       1 2009    SOUTH      14.61500
## 511       2 2010    SOUTH      25.30000
## 512       3 2011    SOUTH      22.08000
## 513       4 2012    SOUTH      20.24000
## 514       5 2013    SOUTH      36.64750
## 515       1 2009    SOUTH      14.25000
## 516       2 2010    SOUTH      14.80000
## 517       3 2011    SOUTH          NA
## 518       5 2013    SOUTH          NA
## 519      NA   NA    <NA>          NA
## 520       1 2009    SOUTH       7.96500
## 521       2 2010    SOUTH       9.45000
```

```
## 522        3 2011    SOUTH      6.09000
## 523        4 2012    SOUTH      6.48000
## 524        5 2013    SOUTH     11.47000
## 525        1 2009    SOUTH     13.16250
## 526        2 2010    SOUTH     12.60000
## 527        3 2011    SOUTH      8.68000
## 528        4 2012    SOUTH     10.66000
## 529        5 2013    SOUTH     14.44000
## 530        1 2009    SOUTH      9.29250
## 531        2 2010    SOUTH      9.72000
## 532        3 2011    SOUTH     12.87000
## 533        4 2012    SOUTH     10.40000
## 534        5 2013    SOUTH     15.39000
## 535        1 2009    SOUTH     10.17750
## 536        2 2010    SOUTH     12.71000
## 537        3 2011    SOUTH     15.30000
## 538        4 2012    SOUTH     14.00000
## 539        5 2013    SOUTH     30.07000
## 540        1 2009    SOUTH      1.37500
## 541        2 2010    SOUTH      1.30000
## 542        3 2011    SOUTH      0.99000
## 543        4 2012    SOUTH     10.80000
## 544        5 2013    SOUTH      4.50000
## 545        1 2009    SOUTH      5.51250
## 546        2 2010    SOUTH      7.54000
## 547        3 2011    SOUTH      6.44000
## 548        4 2012    SOUTH      5.28000
## 549        5 2013    SOUTH     11.72500
## 550        1 2009    SOUTH      6.12000
## 551        2 2010    SOUTH      7.83000
## 552        3 2011    SOUTH      8.68000
## 553        4 2012    SOUTH     10.24000
## 554        5 2013    SOUTH      9.61000
## 555        1 2009    SOUTH      5.26750
## 556        2 2010    SOUTH      6.24000
## 557        3 2011    SOUTH      6.75000
## 558        4 2012    SOUTH      7.02000
## 559        5 2013    SOUTH     11.90000
## 560        1 2009    SOUTH     20.90000
## 561        2 2010    SOUTH     28.50000
## 562        3 2011    SOUTH     10.32000
## 563        4 2012    SOUTH      9.90000
## 564        5 2013    SOUTH     10.36000
## 565        1 2009    SOUTH      4.09500
## 566        2 2010    SOUTH      3.60000
## 567        3 2011    SOUTH      4.59000
## 568        4 2012    SOUTH      6.48000
## 569        5 2013    SOUTH      3.96000
## 570        1 2009    SOUTH      8.70000
## 571        2 2010    SOUTH     11.52000
## 572        3 2011    SOUTH     14.82000
## 573        4 2012    SOUTH     13.20000
## 574        5 2013    SOUTH     16.65000
## 575        1 2009    SOUTH      2.99300
```

```
## 576      5 2013    SOUTH          NA
## 577      1 2009    SOUTH    43.86250
## 578      2 2010    SOUTH    18.45000
## 579      3 2011    SOUTH    12.87000
## 580      4 2012    SOUTH          NA
## 581      5 2013    SOUTH          NA
## 582      1 2009    SOUTH    13.32000
## 583      2 2010    SOUTH     9.60000
## 584      3 2011    SOUTH     7.54000
## 585      4 2012    SOUTH     8.64000
## 586      5 2013    SOUTH     6.48000
## 587      1 2009    SOUTH     7.83000
## 588      2 2010    SOUTH     2.72000
## 589      3 2011    SOUTH     2.55000
## 590      4 2012    SOUTH     1.65000
## 591      5 2013    SOUTH     4.32000
## 592      1 2009    SOUTH     9.44000
## 593      2 2010    SOUTH     7.56000
## 594      3 2011    SOUTH     8.74000
## 595      4 2012    SOUTH     9.61000
## 596      5 2013    SOUTH    15.36000
## 597      1 2009    SOUTH     5.85000
## 598      2 2010    SOUTH     4.20000
## 599      3 2011    SOUTH     3.78000
## 600      4 2012    SOUTH     2.08000
## 601      5 2013    SOUTH     1.26500
## 602      1 2009    SOUTH     3.09600
## 603      2 2010    SOUTH          NA
## 604      3 2011    SOUTH          NA
## 605      5 2013    SOUTH          NA
## 606     NA   NA     <NA>          NA
## 607      1 2009    SOUTH     1.82000
## 608      2 2010    SOUTH     2.48000
## 609      3 2011    SOUTH     2.08000
## 610      4 2012    SOUTH     3.78000
## 611      5 2013    SOUTH     3.64000
## 612      1 2009    SOUTH     1.76800
## 613      2 2010    SOUTH     0.14000
## 614      3 2011    SOUTH     0.48000
## 615      4 2012    SOUTH     1.54000
## 616      5 2013    SOUTH     1.35000
## 617      1 2009    SOUTH     1.80000
## 618      2 2010    SOUTH     1.43000
## 619      3 2011    SOUTH     1.68000
## 620      4 2012    SOUTH     2.89000
## 621      5 2013    SOUTH     2.24000
## 622      1 2009    SOUTH     4.11450
## 623      2 2010    SOUTH     2.40000
## 624      3 2011    SOUTH     2.52000
## 625      4 2012    SOUTH     3.24000
## 626      5 2013    SOUTH     5.46000
## 627      1 2009    SOUTH     4.60000
## 628      2 2010    SOUTH     3.22000
## 629      3 2011    SOUTH     5.04000
```

```
## 630     4 2012    SOUTH     1.56000
## 631     5 2013    SOUTH     1.44000
## 632     1 2009    SOUTH     0.39600
## 633     2 2010    SOUTH     1.15000
## 634     3 2011    SOUTH     1.43000
## 635     4 2012    SOUTH     3.99000
## 636     5 2013    SOUTH     0.81000
## 637     1 2009    SOUTH    10.36000
## 638     2 2010    SOUTH    22.56000
## 639     3 2011    SOUTH    16.32000
## 640     4 2012    SOUTH    11.47000
## 641     5 2013    SOUTH    27.44000
## 642     1 2009    SOUTH     5.88000
## 643     2 2010    SOUTH     3.51500
## 644     3 2011    SOUTH     3.23000
## 645     4 2012    SOUTH     5.50000
## 646     5 2013    SOUTH     7.84000
## 647     1 2009    SOUTH     5.40000
## 648     2 2010    SOUTH     2.28000
## 649     3 2011    SOUTH     2.21000
## 650     4 2012    SOUTH     3.15000
## 651     5 2013    SOUTH     6.96000
## 652     1 2009    SOUTH     8.68000
## 653     2 2010    SOUTH          NA
## 654     3 2011    SOUTH          NA
## 655     5 2013    SOUTH          NA
## 656    NA   NA     <NA>          NA
## 657     1 2009    SOUTH    10.24000
## 658     2 2010    SOUTH    10.88000
## 659     3 2011    SOUTH    12.48000
## 660     4 2012    SOUTH    11.10000
## 661     5 2013    SOUTH     8.64000
## 662     1 2009    SOUTH     1.53400
## 663     2 2010    SOUTH          NA
## 664     3 2011    SOUTH     1.92000
## 665     5 2013    SOUTH     6.00000
## 666    NA   NA     <NA>          NA
## 667     1 2009    SOUTH     6.72000
## 668     2 2010    SOUTH     7.28000
## 669     3 2011    SOUTH     6.24000
## 670     4 2012    SOUTH     4.75000
## 671     5 2013    SOUTH          NA
## 672     1 2009    SOUTH     5.03440
## 673     2 2010    SOUTH     8.37000
## 674     3 2011    SOUTH     5.52000
## 675     4 2012    SOUTH     6.25000
## 676     5 2013    SOUTH     7.39500
## 677     1 2009    SOUTH    11.96520
## 678     2 2010    SOUTH    10.62000
## 679     3 2011    SOUTH    10.44000
## 680     4 2012    SOUTH     8.06000
## 681     5 2013    SOUTH    21.03750
## 682     1 2009    SOUTH     0.62500
## 683     2 2010    SOUTH     0.45000
```

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## 684       3 2011    SOUTH        NA
## 685       4 2012    SOUTH        NA
## 686       5 2013    SOUTH        NA
## 687       1 2009    SOUTH     9.60750
## 688       2 2010    SOUTH    12.54000
## 689       3 2011    SOUTH    15.37500
## 690       4 2012    SOUTH     8.40000
## 691       5 2013    SOUTH    14.82000
## 692       1 2009    SOUTH     8.55000
## 693       2 2010    SOUTH     6.50000
## 694       3 2011    SOUTH    10.07500
## 695       4 2012    SOUTH     9.18000
## 696       5 2013    SOUTH     9.28000
## 697       1 2009    SOUTH    21.99500
## 698       2 2010    SOUTH    16.28000
## 699       3 2011    SOUTH    19.68000
## 700       4 2012    SOUTH    15.30000
## 701       5 2013    SOUTH    29.15000
## 702       1 2009    SOUTH    10.23750
## 703       2 2010    SOUTH     7.54000
## 704       3 2011    SOUTH     5.67000
## 705       4 2012    SOUTH     6.00000
## 706       5 2013    SOUTH    10.88000
## 707       1 2009    SOUTH    11.36000
## 708       2 2010    SOUTH    13.50000
## 709       3 2011    SOUTH     8.37000
## 710       4 2012    SOUTH    12.24000
## 711       5 2013    SOUTH    16.80000
## 712       1 2009    SOUTH     2.31000
## 713       2 2010    SOUTH     3.60750
## 714       3 2011    SOUTH     4.40000
## 715       4 2012    SOUTH        NA
## 716       5 2013    SOUTH        NA
## 717       1 2009    SOUTH     3.33250
## 718       2 2010    SOUTH     6.00000
## 719       3 2011    SOUTH     5.63500
## 720       4 2012    SOUTH    15.36000
## 721       5 2013    SOUTH     6.48000
## 722       1 2009    SOUTH     3.99750
## 723       2 2010    SOUTH     3.80000
## 724       3 2011    SOUTH     2.80000
## 725       4 2012    SOUTH     3.23000
## 726       5 2013    SOUTH     1.69000
## 727       1 2009    SOUTH     2.85000
## 728       2 2010    SOUTH     2.46500
## 729       3 2011    SOUTH     3.44000
## 730       4 2012    SOUTH     3.74000
## 731       5 2013    SOUTH     4.68000
## 732       1 2009    SOUTH     4.83750
## 733       2 2010    SOUTH     6.75750
## 734       3 2011    SOUTH    10.24000
## 735       4 2012    SOUTH     9.80000
## 736       5 2013    SOUTH    10.88000
## 737       1 2009    SOUTH     7.55250
```

```
## 738        2 2010    SOUTH      9.90000
## 739        3 2011    SOUTH      9.52000
## 740        4 2012    SOUTH     12.00000
## 741        5 2013    SOUTH     16.20000
## 742        1 2009    SOUTH      6.98250
## 743        2 2010    SOUTH      7.07600
## 744        3 2011    SOUTH      8.40000
## 745        4 2012    SOUTH     14.04000
## 746        5 2013    SOUTH      8.99000
## 747        1 2009    SOUTH      1.93750
## 748        2 2010    SOUTH      2.28200
## 749        3 2011    SOUTH      6.76000
## 750        4 2012    SOUTH      5.75000
## 751        5 2013    SOUTH      9.30000
## 752        1 2009    SOUTH     14.63000
## 753        2 2010    SOUTH     14.62000
## 754        3 2011    SOUTH     15.60000
## 755        4 2012    SOUTH     23.86300
## 756        5 2013    SOUTH     14.35000
## 757        1 2009    SOUTH      3.23000
## 758        2 2010    SOUTH      6.06900
## 759        3 2011    SOUTH      4.50000
## 760        4 2012    SOUTH      7.75000
## 761        5 2013    SOUTH      8.40000
## 762        1 2009    SOUTH      5.80000
## 763        2 2010    SOUTH      3.42000
## 764        3 2011    SOUTH      6.12000
## 765        4 2012    SOUTH      9.60000
## 766        5 2013    SOUTH      9.80000
## 767        1 2009    SOUTH     12.77500
## 768        2 2010    SOUTH     13.86000
## 769        3 2011    SOUTH     19.11000
## 770        4 2012    SOUTH     15.96000
## 771        5 2013    SOUTH     23.97000
## 772        1 2009    SOUTH      1.14000
## 773        2 2010    SOUTH      1.15000
## 774        3 2011    SOUTH      2.10000
## 775        4 2012    SOUTH      2.24000
## 776        5 2013    SOUTH      2.40000
## 777        1 2009    SOUTH      2.68250
## 778        2 2010    SOUTH      3.57000
## 779        3 2011    SOUTH      5.06000
## 780        4 2012    SOUTH      5.60000
## 781        5 2013    SOUTH      7.50000
## 782        1 2009    SOUTH     10.40000
## 783        2 2010    SOUTH     10.23000
## 784        3 2011    SOUTH     14.40000
## 785        4 2012    SOUTH     17.55000
## 786        5 2013    SOUTH           NA
## 787        1 2009    SOUTH      4.61250
## 788        2 2010    SOUTH      7.14000
## 789        3 2011    SOUTH      6.60000
## 790        4 2012    SOUTH     10.56000
## 791        5 2013    SOUTH     11.20000
```

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## 792       1 2009      SOUTH      0.85500
## 793       2 2010      SOUTH      2.32000
## 794       3 2011      SOUTH      3.30000
## 795       4 2012      SOUTH      9.90000
## 796       5 2013      SOUTH      5.67000
## 797       1 2009      SOUTH      5.00000
## 798       2 2010      SOUTH      5.26750
## 799       3 2011      SOUTH      6.67000
## 800       4 2012      SOUTH     10.88000
## 801       5 2013      SOUTH      5.04000
## 802       1 2009      SOUTH      1.14000
## 803       2 2010      SOUTH      1.10000
## 804       3 2011      SOUTH      1.44000
## 805       4 2012      SOUTH      1.32000
## 806       5 2013      SOUTH      1.95000
## 807       1 2009      SOUTH      1.25000
## 808       2 2010      SOUTH      1.23500
## 809       3 2011      SOUTH      1.74000
## 810       4 2012      SOUTH      1.87000
## 811       5 2013      SOUTH      3.06000
## 812       1 2009      SOUTH      3.51000
## 813       2 2010      SOUTH      3.79250
## 814       3 2011      SOUTH      3.70000
## 815       4 2012      SOUTH      4.60000
## 816       5 2013      SOUTH      4.83000
## 817       1 2009      SOUTH      5.16750
## 818       2 2010      SOUTH      5.98500
## 819       3 2011      SOUTH      7.80000
## 820       4 2012      SOUTH     10.89000
## 821       5 2013      SOUTH      7.25000
## 822       1 2009      SOUTH      2.24000
## 823       2 2010      SOUTH      3.80250
## 824       3 2011      SOUTH      8.74000
## 825       4 2012      SOUTH      9.88000
## 826       5 2013      SOUTH      7.56000
## 827       1 2009      SOUTH      5.74000
## 828       2 2010      SOUTH      9.54000
## 829       3 2011      SOUTH     10.22000
## 830       4 2012      SOUTH     14.04000
## 831       5 2013      SOUTH     19.78000
## 832       1 2009      SOUTH      6.63750
## 833       2 2010      SOUTH      8.40750
## 834       3 2011      SOUTH      6.24000
## 835       4 2012      SOUTH     11.07000
## 836       5 2013      SOUTH     12.80000
## 837       1 2009      SOUTH      1.16480
## 838       2 2010      SOUTH      1.47500
## 839       3 2011      SOUTH      2.03000
## 840       4 2012      SOUTH      4.64000
## 841       5 2013      SOUTH      4.20000
## 842       1 2009      SOUTH     16.65200
## 843       2 2010      SOUTH     16.60600
## 844       3 2011      SOUTH     14.82000
## 845       4 2012      SOUTH     15.96000
```

```
## 846     5 2013     SOUTH     19.20000
## 847     1 2009     SOUTH      3.28000
## 848     2 2010     SOUTH      2.45050
## 849     3 2011     SOUTH      2.94500
## 850     4 2012     SOUTH      7.02000
## 851     5 2013     SOUTH      5.80000
## 852     1 2009     SOUTH      4.29000
## 853     2 2010     SOUTH     10.85000
## 854     3 2011     SOUTH     11.40000
## 855     4 2012     SOUTH      6.25000
## 856     5 2013     SOUTH      7.80000
## 857     1 2009     SOUTH      7.68500
## 858     2 2010     SOUTH      5.75000
## 859     3 2011     SOUTH      9.86000
## 860     4 2012     SOUTH      9.50000
## 861     5 2013     SOUTH      5.52000
## 862     1 2009     SOUTH      5.51250
## 863     2 2010     SOUTH      4.20240
## 864     3 2011     SOUTH      6.89000
## 865     4 2012     SOUTH      5.80000
## 866     5 2013     SOUTH      9.57000
## 867     1 2009     SOUTH      2.40500
## 868     2 2010     SOUTH      2.52000
## 869     3 2011     SOUTH      4.16000
## 870     4 2012     SOUTH      3.00000
## 871     5 2013     SOUTH      3.20000
## 872     1 2009     SOUTH      6.70000
## 873     2 2010     SOUTH      8.70000
## 874     3 2011     SOUTH      8.06000
## 875     4 2012     SOUTH      5.75000
## 876     5 2013     SOUTH     10.88000
## 877     1 2009     SOUTH      3.97750
## 878     2 2010     SOUTH      2.80000
## 879     3 2011     SOUTH      4.62500
## 880     4 2012     SOUTH      6.24000
## 881     5 2013     SOUTH      9.28000
## 882     1 2009     SOUTH      2.48000
## 883     2 2010     SOUTH      2.41400
## 884     3 2011     SOUTH      3.20000
## 885     4 2012     SOUTH      6.48000
## 886     5 2013     SOUTH      4.18000
## 887     1 2009     SOUTH     19.88670
## 888     3 2011     SOUTH     26.50000
## 889     4 2012     SOUTH     53.90000
## 890     5 2013     SOUTH     65.60000
## 891     1 2009     SOUTH      3.56500
## 892     3 2011     SOUTH           NA
## 893     5 2013     SOUTH           NA
## 894     1 2009     SOUTH      7.24500
## 895     2 2010     SOUTH     13.45500
## 896     3 2011     SOUTH     11.02000
## 897     4 2012     SOUTH     20.68000
## 898     5 2013     SOUTH     23.52000
## 899     1 2009     SOUTH      6.49000
```

```
## 900    2 2010    SOUTH     6.40000
## 901    3 2011    SOUTH     7.01500
## 902    4 2012    SOUTH     8.25000
## 903    5 2013    SOUTH     6.82000
## 904    1 2009    SOUTH     1.49600
## 905    2 2010    SOUTH     1.82000
## 906    3 2011    SOUTH     3.06000
## 907    4 2012    SOUTH     4.60000
## 908    5 2013    SOUTH     5.46000
## 909    5 2013    SOUTH          NA
## 910    1 2009    SOUTH     8.21500
## 911    2 2010    SOUTH     6.89000
## 912    3 2011    SOUTH     8.70000
## 913    4 2012    SOUTH     8.58000
## 914    5 2013    SOUTH     7.83000
## 915    1 2009    SOUTH     5.40500
## 916    2 2010    SOUTH     7.42000
## 917    3 2011    SOUTH     8.12000
## 918    4 2012    SOUTH    11.90000
## 919    5 2013    SOUTH    15.04700
## 920    1 2009    SOUTH     8.66250
## 921    2 2010    SOUTH     9.92000
## 922    3 2011    SOUTH     9.60000
## 923    4 2012    SOUTH    15.17000
## 924    5 2013    SOUTH    11.39000
## 925    1 2009    SOUTH     5.69750
## 926    2 2010    SOUTH     7.02000
## 927    3 2011    SOUTH     7.00000
## 928    4 2012    SOUTH     5.50000
## 929    5 2013    SOUTH     8.72620
## 930    1 2009    SOUTH     5.63500
## 931    2 2010    SOUTH     3.40000
## 932    3 2011    SOUTH    10.50000
## 933    4 2012    SOUTH    18.48000
## 934    5 2013    SOUTH    38.16000
## 935    1 2009    SOUTH    28.58250
## 936    2 2010    SOUTH    35.28000
## 937    3 2011    SOUTH    55.44000
## 938    4 2012    SOUTH    55.38000
## 939    5 2013    SOUTH    51.02500
## 940    1 2009    SOUTH    12.07000
## 941    2 2010    SOUTH    11.88000
## 942    3 2011    SOUTH    19.68000
## 943    4 2012    SOUTH     9.12000
## 944    5 2013    SOUTH    16.40000
## 945    1 2009    SOUTH    20.01000
## 946    2 2010    SOUTH     8.64000
## 947    3 2011    SOUTH    18.06000
## 948    4 2012    SOUTH    14.00000
## 949    5 2013    SOUTH    20.21000
## 950    1 2009    SOUTH     8.83500
## 951    2 2010    SOUTH     5.29000
## 952    3 2011    SOUTH     9.92000
## 953    4 2012    SOUTH     8.41000
```

```
## 954      5 2013    SOUTH      6.12500
## 955      1 2009    SOUTH      2.12750
## 956      2 2010    SOUTH      3.23000
## 957      3 2011    SOUTH      3.57000
## 958      4 2012    SOUTH      7.25000
## 959      5 2013    SOUTH      6.47280
## 960      1 2009    SOUTH      6.77250
## 961      2 2010    SOUTH     18.06000
## 962      3 2011    SOUTH     18.90000
## 963      4 2012    SOUTH     28.62000
## 964      5 2013    SOUTH     43.82950
## 965      1 2009    SOUTH     28.30500
## 966      2 2010    SOUTH     27.00000
## 967      3 2011    SOUTH     20.25000
## 968      4 2012    SOUTH     30.60000
## 969      5 2013    SOUTH     28.68800
## 970      1 2009    SOUTH      1.15500
## 971      2 2010    SOUTH      2.96000
## 972      3 2011    SOUTH      3.51000
## 973      4 2012    SOUTH     10.80000
## 974      5 2013    SOUTH     13.72000
## 975      1 2009    SOUTH     49.35000
## 976      2 2010    SOUTH     64.78000
## 977      3 2011    SOUTH     70.47000
## 978      4 2012    SOUTH     73.32000
## 979      5 2013    SOUTH     62.36640
## 980      1 2009    SOUTH     15.92500
## 981      2 2010    SOUTH     16.60500
## 982      3 2011    SOUTH     28.06000
## 983      4 2012    SOUTH     40.70000
## 984      5 2013    SOUTH     63.14000
## 985      1 2009    SOUTH     63.24500
## 986      2 2010    SOUTH     77.31750
## 987      3 2011    SOUTH     50.46000
## 988      4 2012    SOUTH     78.30000
## 989      5 2013    SOUTH    126.14000
## 990      1 2009    SOUTH      5.14500
## 991      2 2010    SOUTH     10.14000
## 992      3 2011    SOUTH     11.34000
## 993      4 2012    SOUTH     16.38000
## 994      5 2013    SOUTH     24.96000
## 995      1 2009    SOUTH      1.71200
## 996      2 2010    SOUTH      3.04000
## 997      3 2011    SOUTH      5.46000
## 998      4 2012    SOUTH      6.16000
## 999      5 2013    SOUTH      7.54000
## 1000     1 2009    SOUTH      7.15000
## 1001     2 2010    SOUTH     23.40000
## 1002     3 2011    SOUTH     26.40000
## 1003     4 2012    SOUTH     28.67000
## 1004     5 2013    SOUTH     27.97080
## 1005     1 2009    SOUTH      1.20000
## 1006     2 2010    SOUTH      1.69000
## 1007     3 2011    SOUTH     84.63000
```

```
## 1008      4 2012      SOUTH       1.10000
## 1009      5 2013      SOUTH       4.95000
## 1010      1 2009      SOUTH      11.39000
## 1011      2 2010      SOUTH      26.00000
## 1012      3 2011      SOUTH      25.44000
## 1013      4 2012      SOUTH      14.40000
## 1014      5 2013      SOUTH      14.22840
## 1015      1 2009      SOUTH       2.02500
## 1016      2 2010      SOUTH       4.42000
## 1017      3 2011      SOUTH       7.70000
## 1018      4 2012      SOUTH      18.48000
## 1019      5 2013      SOUTH      15.94440
## 1020      1 2009      SOUTH       1.71250
## 1021      2 2010      SOUTH       4.18000
## 1022      3 2011      SOUTH       9.52000
## 1023      4 2012      SOUTH      15.48000
## 1024      5 2013      SOUTH       8.23680
## 1025      1 2009      SOUTH       3.15000
## 1026      2 2010      SOUTH      10.44000
## 1027      3 2011      SOUTH      13.60000
## 1028      4 2012      SOUTH      14.40000
## 1029      5 2013      SOUTH      17.28000
## 1030      1 2009      SOUTH       0.33000
## 1031      2 2010      SOUTH       0.42000
## 1032      3 2011      SOUTH       1.68000
## 1033      4 2012      SOUTH       6.21000
## 1034      5 2013      SOUTH       5.18400
## 1035      1 2009      SOUTH       3.51500
## 1036      2 2010      SOUTH       2.40000
## 1037      3 2011      SOUTH       5.60000
## 1038      4 2012      SOUTH       7.02000
## 1039      5 2013      SOUTH       4.51800
## 1040      1 2009      SOUTH       2.97000
## 1041      2 2010      SOUTH       4.80000
## 1042      3 2011      SOUTH       6.16000
## 1043      4 2012      SOUTH       5.00000
## 1044      5 2013      SOUTH       4.98520
## 1045      1 2009      SOUTH      17.82000
## 1046      2 2010      SOUTH      12.80200
## 1047      3 2011      SOUTH       9.80000
## 1048      4 2012      SOUTH       7.83000
## 1049      5 2013      SOUTH      13.28940
## 1050      1 2009      SOUTH      13.00000
## 1051      2 2010      SOUTH            NA
## 1052      3 2011      SOUTH       7.54000
## 1053      4 2012      SOUTH       6.21000
## 1054      5 2013      SOUTH      11.85700
## 1055      1 2009      SOUTH       1.82000
## 1056      2 2010      SOUTH       1.59900
## 1057      3 2011      SOUTH       2.72000
## 1058      4 2012      SOUTH       1.20000
## 1059      5 2013      SOUTH       1.45600
## 1060      1 2009      SOUTH      55.30000
## 1061      2 2010      SOUTH      54.29000
```

```
## 1062      3 2011    SOUTH    132.16000
## 1063      4 2012    SOUTH    114.00000
## 1064      5 2013    SOUTH     78.95920
## 1065      1 2009    SOUTH     16.12100
## 1066      2 2010    SOUTH     16.97500
## 1067      3 2011    SOUTH     31.32000
## 1068      4 2012    SOUTH     23.18000
## 1069      5 2013    SOUTH     46.92000
## 1070      1 2009    SOUTH      1.66800
## 1071      2 2010    SOUTH      3.04000
## 1072      3 2011    SOUTH      6.16000
## 1073      4 2012    SOUTH      5.20000
## 1074      5 2013    SOUTH      6.31800
## 1075      1 2009    SOUTH      2.46750
## 1076      2 2010    SOUTH      1.60800
## 1077      3 2011    SOUTH      3.00000
## 1078      4 2012    SOUTH      1.74200
## 1079      5 2013    SOUTH      2.82900
## 1080      1 2009    SOUTH      3.61920
## 1081      2 2010    SOUTH      3.36520
## 1082      3 2011    SOUTH      6.44000
## 1083      4 2012    SOUTH      5.91250
## 1084      5 2013    SOUTH     11.52000
## 1085      1 2009    SOUTH      5.68960
## 1086      2 2010    SOUTH      9.30000
## 1087      3 2011    SOUTH     12.92000
## 1088      4 2012    SOUTH     15.99000
## 1089      5 2013    SOUTH     17.86000
## 1090      1 2009    SOUTH      2.17500
## 1091      2 2010    SOUTH      2.24000
## 1092      3 2011    SOUTH      3.60000
## 1093      4 2012    SOUTH      3.52000
## 1094      5 2013    SOUTH      6.08790
## 1095      1 2009    SOUTH     12.12750
## 1096      2 2010    SOUTH     12.16000
## 1097      3 2011    SOUTH     16.38000
## 1098      4 2012    SOUTH     12.09000
## 1099      5 2013    SOUTH     23.86800
## 1100      1 2009    SOUTH      5.98000
## 1101      2 2010    SOUTH      7.00000
## 1102      3 2011    SOUTH      9.80000
## 1103      4 2012    SOUTH     12.21000
## 1104      5 2013    SOUTH     18.31750
## 1105      1 2009    SOUTH     19.14830
## 1106      2 2010    SOUTH     18.72000
## 1107      3 2011    SOUTH     26.40000
## 1108      4 2012    SOUTH     12.96000
## 1109      5 2013    SOUTH     30.80000
## 1110      1 2009    SOUTH      2.52000
## 1111      2 2010    SOUTH      3.36000
## 1112      3 2011    SOUTH      5.88000
## 1113      4 2012    SOUTH      5.40000
## 1114      5 2013    SOUTH      8.34400
## 1115      1 2009    SOUTH      3.00000
```

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## 1116    2 2010    SOUTH     4.30500
## 1117    3 2011    SOUTH     2.52000
## 1118    4 2012    SOUTH     6.21000
## 1119    5 2013    SOUTH     4.66400
## 1120    1 2009    SOUTH     6.44000
## 1121    2 2010    SOUTH     6.16000
## 1122    3 2011    SOUTH     5.50000
## 1123    4 2012    SOUTH     6.72000
## 1124    5 2013    SOUTH     8.23440
## 1125    1 2009    SOUTH     4.62000
## 1126    2 2010    SOUTH     4.20000
## 1127    3 2011    SOUTH     6.88500
## 1128    4 2012    SOUTH     6.24000
## 1129    5 2013    SOUTH     6.96150
## 1130    1 2009    SOUTH     2.10000
## 1131    2 2010    SOUTH     3.23000
## 1132    3 2011    SOUTH     6.38000
## 1133    4 2012    SOUTH     5.75000
## 1134    5 2013    SOUTH     8.99000
## 1135    1 2009    SOUTH     3.36000
## 1136    2 2010    SOUTH     1.95000
## 1137    3 2011    SOUTH     3.42000
## 1138    4 2012    SOUTH     3.36000
## 1139    5 2013    SOUTH     4.14000
## 1140    1 2009    SOUTH     8.58000
## 1141    2 2010    SOUTH    14.16000
## 1142    3 2011    SOUTH    15.17000
## 1143    4 2012    SOUTH    15.36000
## 1144    5 2013    SOUTH    18.90000
## 1145    1 2009    SOUTH     4.20000
## 1146    2 2010    SOUTH     3.44000
## 1147    3 2011    SOUTH     5.98000
## 1148    4 2012    SOUTH     5.04000
## 1149    5 2013    SOUTH     8.99000
## 1150    1 2009    SOUTH     4.32000
## 1151    2 2010    SOUTH    13.12000
## 1152    3 2011    SOUTH     3.15000
## 1153    4 2012    SOUTH     7.28000
## 1154    5 2013    SOUTH     5.25000
## 1155    1 2009    SOUTH    13.20000
## 1156    2 2010    SOUTH     8.96000
## 1157    3 2011    SOUTH    22.26000
## 1158    4 2012    SOUTH    17.28000
## 1159    5 2013    SOUTH    31.35000
## 1160    1 2009    SOUTH     9.24000
## 1161    2 2010    SOUTH     3.04000
## 1162    3 2011    SOUTH     5.04000
## 1163    4 2012    SOUTH     9.62000
## 1164    5 2013    SOUTH    15.60000
## 1165    1 2009    SOUTH     5.75000
## 1166    2 2010    SOUTH     6.16000
## 1167    3 2011    SOUTH     9.28000
## 1168    4 2012    SOUTH    12.80000
## 1169    5 2013    SOUTH    10.60800
```

```
## 1170      1 2009    SOUTH      3.33000
## 1171      2 2010    SOUTH      3.51500
## 1172      3 2011    SOUTH      6.50000
## 1173      4 2012    SOUTH      7.50000
## 1174      5 2013    SOUTH      8.68000
## 1175      1 2009    SOUTH      2.59000
## 1176      2 2010    SOUTH      3.78000
## 1177      3 2011    SOUTH      7.83000
## 1178      4 2012    SOUTH          NA
## 1179      5 2013    SOUTH      8.97600
## 1180      1 2009    SOUTH      2.10000
## 1181      2 2010    SOUTH      2.70000
## 1182      3 2011    SOUTH      4.62000
## 1183      4 2012    SOUTH      8.16000
## 1184      5 2013    SOUTH      7.20000
## 1185      1 2009    SOUTH      6.61500
## 1186      2 2010    SOUTH      5.98000
## 1187      3 2011    SOUTH     11.52000
## 1188      4 2012    SOUTH     15.12000
## 1189      5 2013    SOUTH     16.04400
## 1190      1 2009    SOUTH      2.88000
## 1191      2 2010    SOUTH      3.57000
## 1192      3 2011    SOUTH      5.04000
## 1193      4 2012    SOUTH      8.40000
## 1194      5 2013    SOUTH     14.87700
## 1195      1 2009    SOUTH      4.80000
## 1196      2 2010    SOUTH      5.98000
## 1197      3 2011    SOUTH      9.28000
## 1198      4 2012    SOUTH     14.04000
## 1199      5 2013    SOUTH     17.83500
## 1200      1 2009    SOUTH      2.10000
## 1201      2 2010    SOUTH      2.40000
## 1202      3 2011    SOUTH      5.25000
## 1203      4 2012    SOUTH      7.28000
## 1204      5 2013    SOUTH      6.44000
## 1205      1 2009    SOUTH      0.70000
## 1206      2 2010    SOUTH      1.04500
## 1207      3 2011    SOUTH      1.54000
## 1208      4 2012    SOUTH      3.78000
## 1209      5 2013    SOUTH      5.48800
## 1210      1 2009    SOUTH      4.80000
## 1211      2 2010    SOUTH      5.52000
## 1212      3 2011    SOUTH      8.19000
## 1213      4 2012    SOUTH      2.52000
## 1214      5 2013    SOUTH      3.99000
## 1215      1 2009    SOUTH      1.30000
## 1216      2 2010    SOUTH      2.02500
## 1217      3 2011    SOUTH      3.23000
## 1218      4 2012    SOUTH      7.36000
## 1219      5 2013    SOUTH     10.69200
## 1220      1 2009    SOUTH      1.10000
## 1221      2 2010    SOUTH      1.50000
## 1222      3 2011    SOUTH      1.82000
## 1223      4 2012    SOUTH      2.24000
```

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## 1224    5 2013    SOUTH      2.75400
## 1225    1 2009    SOUTH      2.10000
## 1226    2 2010    SOUTH      4.20000
## 1227    3 2011    SOUTH      5.72000
## 1228    4 2012    SOUTH      4.42000
## 1229    5 2013    SOUTH      6.00300
## 1230    1 2009    SOUTH      4.27500
## 1231    2 2010    SOUTH      3.42000
## 1232    3 2011    SOUTH      5.52000
## 1233    4 2012    SOUTH     13.53000
## 1234    5 2013    SOUTH     12.09000
## 1235    1 2009    SOUTH      1.72700
## 1236    2 2010    SOUTH      2.24000
## 1237    3 2011    SOUTH      7.25000
## 1238    4 2012    SOUTH      4.56000
## 1239    5 2013    SOUTH      6.76800
## 1240    1 2009    SOUTH      2.55000
## 1241    2 2010    SOUTH      7.54000
## 1242    3 2011    SOUTH      9.28000
## 1243    4 2012    SOUTH      8.06000
## 1244    5 2013    SOUTH     13.18400
## 1245    1 2009    SOUTH      5.00000
## 1246    2 2010    SOUTH      7.77500
## 1247    3 2011    SOUTH      7.00000
## 1248    4 2012    SOUTH     11.22000
## 1249    5 2013    SOUTH     17.85000
## 1250    1 2009    SOUTH      3.24000
## 1251    2 2010    SOUTH      0.84600
## 1252    3 2011    SOUTH      0.70000
## 1253    4 2012    SOUTH      0.48000
## 1254    5 2013    SOUTH      0.38850
## 1255    1 2009    SOUTH     14.96000
## 1256    2 2010    SOUTH     10.20000
## 1257    3 2011    SOUTH      7.56000
## 1258    4 2012    SOUTH     18.48000
## 1259    5 2013    SOUTH     17.55000
## 1260    1 2009    SOUTH      4.77120
## 1261    2 2010    SOUTH      4.20000
## 1262    3 2011    SOUTH      8.70000
## 1263    4 2012    SOUTH      8.68000
## 1264    5 2013    SOUTH      9.45500
## 1265    1 2009    SOUTH      2.00100
## 1266    2 2010    SOUTH      4.42800
## 1267    3 2011    SOUTH      6.72000
## 1268    4 2012    SOUTH      8.32000
## 1269    5 2013    SOUTH      8.28000
## 1270    1 2009    SOUTH      5.29000
## 1271    2 2010    SOUTH      4.41000
## 1272    3 2011    SOUTH      6.16000
## 1273    4 2012    SOUTH      7.44000
## 1274    5 2013    SOUTH      9.45500
## 1275    1 2009    SOUTH     21.82500
## 1276    2 2010    SOUTH           NA
## 1277    3 2011    SOUTH     15.36000
```

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## 1278        4 2012    SOUTH       24.00000
## 1279        5 2013    SOUTH       28.56000
## 1280        1 2009    SOUTH       13.20000
## 1281        2 2010    SOUTH       22.88000
## 1282        3 2011    SOUTH       61.20000
## 1283        4 2012    SOUTH       19.78000
## 1284        5 2013    SOUTH       25.49330
## 1285        1 2009    SOUTH        5.46000
## 1286        2 2010    SOUTH        7.54000
## 1287        3 2011    SOUTH        9.28000
## 1288        4 2012    SOUTH       13.86000
## 1289        5 2013    SOUTH       16.80000
## 1290        1 2009    SOUTH        6.34500
## 1291        2 2010    SOUTH        4.40000
## 1292        3 2011    SOUTH        7.04000
## 1293        4 2012    SOUTH       10.56000
## 1294        5 2013    SOUTH       13.53000
## 1295        1 2009    SOUTH        5.14500
## 1296        2 2010    SOUTH        3.80000
## 1297        3 2011    SOUTH        6.50000
## 1298        4 2012    SOUTH        7.28000
## 1299        5 2013    SOUTH        6.48000
## 1300        1 2009    SOUTH        5.05250
## 1301        2 2010    SOUTH        6.48000
## 1302        3 2011    SOUTH        9.52000
## 1303        4 2012    SOUTH        7.28000
## 1304        5 2013    SOUTH        4.14000
## 1305        1 2009    SOUTH        3.67500
## 1306        2 2010    SOUTH        4.62000
## 1307        3 2011    SOUTH        3.78000
## 1308        4 2012    SOUTH        6.72000
## 1309        5 2013    SOUTH        6.09500
## 1310        1 2009    SOUTH        6.36000
## 1311        2 2010    SOUTH       13.00000
## 1312        3 2011    SOUTH       15.58000
## 1313        4 2012    SOUTH        9.86000
## 1314        5 2013    SOUTH       14.82000
## 1315        1 2009    SOUTH        5.17500
## 1316        2 2010    SOUTH        4.18000
## 1317        3 2011    SOUTH        5.00000
## 1318        4 2012    SOUTH       10.20000
## 1319        5 2013    SOUTH        7.70000
## 1320        1 2009    SOUTH       10.52250
## 1321        2 2010    SOUTH             NA
## 1322        3 2011    SOUTH             NA
## 1323        4 2012    SOUTH             NA
## 1324        5 2013    SOUTH             NA
## 1325        1 2009    SOUTH        1.68000
## 1326        2 2010    SOUTH        1.04500
## 1327        3 2011    SOUTH        1.17000
## 1328        4 2012    SOUTH       21.60000
## 1329        5 2013    SOUTH       16.65000
## 1330        1 2009    SOUTH        6.38000
## 1331        2 2010    SOUTH        8.06000
```

```
## 1332       3 2011    SOUTH      11.47000
## 1333       4 2012    SOUTH       9.92000
## 1334       5 2013    SOUTH      11.22000
## 1335       1 2009    SOUTH       2.45000
## 1336       2 2010    SOUTH       3.78000
## 1337       3 2011    SOUTH       5.75000
## 1338       4 2012    SOUTH       7.28000
## 1339       5 2013    SOUTH       7.44000
## 1340       1 2009    SOUTH       4.38750
## 1341       2 2010    SOUTH       4.42000
## 1342       3 2011    SOUTH       9.86000
## 1343       4 2012    SOUTH       5.13000
## 1344       5 2013    SOUTH       9.76500
## 1345       1 2009    SOUTH       9.96600
## 1346       2 2010    SOUTH      12.02500
## 1347       3 2011    SOUTH       6.66000
## 1348       4 2012    SOUTH       9.88000
## 1349       5 2013    SOUTH       8.99000
## 1350       1 2009    SOUTH       1.62640
## 1351       2 2010    SOUTH       2.03000
## 1352       3 2011    SOUTH       2.30000
## 1353       4 2012    SOUTH       5.25000
## 1354       5 2013    SOUTH       5.04000
## 1355       1 2009    SOUTH       1.11000
## 1356       2 2010    SOUTH       1.37500
## 1357       3 2011    SOUTH       0.66000
## 1358       4 2012    SOUTH       1.56000
## 1359       5 2013    SOUTH       1.95000
## 1360       1 2009    SOUTH       1.59600
## 1361       2 2010    SOUTH       0.52250
## 1362       3 2011    SOUTH       0.66000
## 1363       4 2012    SOUTH            NA
## 1364       5 2013    SOUTH       0.51000
## 1365       1 2009    SOUTH       2.34000
## 1366       2 2010    SOUTH       6.40500
## 1367       3 2011    SOUTH       2.04000
## 1368       4 2012    SOUTH       5.40000
## 1369       5 2013    SOUTH       4.62000
## 1370       1 2009    SOUTH       1.55250
## 1371       2 2010    SOUTH       1.32000
## 1372       3 2011    SOUTH       2.28000
## 1373       4 2012    SOUTH       2.34000
## 1374       5 2013    SOUTH       2.72000
## 1375       1 2009    SOUTH       1.00000
## 1376       2 2010    SOUTH       1.62750
## 1377       3 2011    SOUTH       0.52000
## 1378       4 2012    SOUTH       2.40000
## 1379       5 2013    SOUTH       2.80000
## 1380       1 2009    SOUTH       1.82000
## 1381       2 2010    SOUTH       1.44000
## 1382       3 2011    SOUTH       0.65000
## 1383       4 2012    SOUTH       1.10000
## 1384       5 2013    SOUTH       2.21000
## 1385       1 2009    SOUTH       2.66000
```

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## 1386     2 2010     SOUTH      1.50000
## 1387     3 2011     SOUTH      1.60000
## 1388     4 2012     SOUTH      1.65000
## 1389     5 2013     SOUTH      3.06000
## 1390     1 2009     SOUTH      0.99000
## 1391     2 2010     SOUTH      0.41250
## 1392     3 2011     SOUTH      0.00000
## 1393     4 2012     SOUTH      2.38000
## 1394     5 2013     SOUTH      0.73500
## 1395     1 2009     SOUTH      1.75000
## 1396     2 2010     SOUTH      1.38000
## 1397     3 2011     SOUTH      3.96000
## 1398     4 2012     SOUTH      0.88000
## 1399     5 2013     SOUTH      0.24000
## 1400     1 2009     SOUTH      3.96000
## 1401     2 2010     SOUTH      4.37500
## 1402     3 2011     SOUTH      5.60000
## 1403     4 2012     SOUTH      7.13000
## 1404     5 2013     SOUTH      4.83000
## 1405     1 2009     SOUTH      3.23000
## 1406     2 2010     SOUTH      2.61000
## 1407     3 2011     SOUTH      3.80000
## 1408     4 2012     SOUTH      1.32000
## 1409     5 2013     SOUTH      1.32000
## 1410     1 2009     SOUTH      5.32000
## 1411     2 2010     SOUTH           NA
## 1412     3 2011     SOUTH      3.42000
## 1413     4 2012     SOUTH      2.72000
## 1414     5 2013     SOUTH      1.50000
## 1415     1 2009     SOUTH      6.08000
## 1416     2 2010     SOUTH      7.00000
## 1417     3 2011     SOUTH      8.37000
## 1418     4 2012     SOUTH      7.13000
## 1419     5 2013     SOUTH      3.70500
## 1420     1 2009     SOUTH      1.03500
## 1421     2 2010     SOUTH      1.20000
## 1422     3 2011     SOUTH      1.20000
## 1423     4 2012     SOUTH      1.68000
## 1424     5 2013     SOUTH      0.95000
## 1425     1 2009     SOUTH      8.10000
## 1426     2 2010     SOUTH     18.67500
## 1427     3 2011     SOUTH     16.40000
## 1428     4 2012     SOUTH     16.10000
## 1429     5 2013     SOUTH     10.38500
## 1430     1 2009     SOUTH      1.35000
## 1431     2 2010     SOUTH      1.82000
## 1432     3 2011     SOUTH      6.44000
## 1433     4 2012     SOUTH      3.45000
## 1434     5 2013     SOUTH      3.23000
## 1435     1 2009     SOUTH      2.38000
## 1436     2 2010     SOUTH      1.38000
## 1437     3 2011     SOUTH      3.06000
## 1438     4 2012     SOUTH      2.10000
## 1439     5 2013     SOUTH      1.10000
```

```
## 1440       1 2009       SOUTH       3.08460
## 1441       2 2010       SOUTH       2.55000
## 1442       3 2011       SOUTH       4.18000
## 1443       4 2012       SOUTH       5.28000
## 1444       5 2013       SOUTH       6.44000
## 1445       1 2009       SOUTH       3.08320
## 1446       2 2010       SOUTH       3.80000
## 1447       3 2011       SOUTH       4.56000
## 1448       4 2012       SOUTH       5.67000
## 1449       5 2013       SOUTH       6.50000
## 1450       1 2009       SOUTH       2.37600
## 1451       2 2010       SOUTH       2.97500
## 1452       3 2011       SOUTH       4.80000
## 1453       4 2012       SOUTH       4.37000
## 1454       5 2013       SOUTH       4.09500
## 1455       1 2009       SOUTH       4.51000
## 1456       2 2010       SOUTH       6.89000
## 1457       3 2011       SOUTH       1.26000
## 1458       4 2012       SOUTH       5.72000
## 1459       5 2013       SOUTH       2.60000
## 1460       1 2009       SOUTH       8.20750
## 1461       2 2010       SOUTH      10.50000
## 1462       3 2011       SOUTH      13.60000
## 1463       4 2012       SOUTH      16.40000
## 1464       5 2013       SOUTH      14.82000
## 1465       1 2009       SOUTH       2.04600
## 1466       2 2010       SOUTH       1.82000
## 1467       3 2011       SOUTH       1.04000
## 1468       4 2012       SOUTH       8.32000
## 1469       5 2013       SOUTH       1.32000
## 1470       1 2009       SOUTH       3.82200
## 1471       2 2010       SOUTH       4.62000
## 1472       3 2011       SOUTH       3.80000
## 1473       4 2012       SOUTH       6.38000
## 1474       5 2013       SOUTH       4.50000
## 1475       1 2009       SOUTH       0.74800
## 1476       2 2010       SOUTH       1.30000
## 1477       3 2011       SOUTH       1.38000
## 1478       4 2012       SOUTH       2.55000
## 1479       5 2013       SOUTH       1.95750
## 1480       1 2009       SOUTH      19.59600
## 1481       2 2010       SOUTH      19.80000
## 1482       3 2011       SOUTH      20.00000
## 1483       4 2012       SOUTH      17.64000
## 1484       5 2013       SOUTH      21.93000
## 1485       1 2009       SOUTH       1.04040
## 1486       2 2010       SOUTH       1.26500
## 1487       3 2011       SOUTH       1.68000
## 1488       4 2012       SOUTH       3.99000
## 1489       5 2013       SOUTH       2.08000
## 1490       1 2009       SOUTH       0.18000
## 1491       2 2010       SOUTH            NA
## 1492       3 2011       SOUTH       0.02000
## 1493       4 2012       SOUTH            NA
```

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## 1494       5 2013     SOUTH      0.38500
## 1495       1 2009     SOUTH     11.40000
## 1496       2 2010     SOUTH     17.48000
## 1497       3 2011     SOUTH     14.62000
## 1498       4 2012     SOUTH     21.15000
## 1499       5 2013     SOUTH     24.99000
## 1500       1 2009     SOUTH     10.91500
## 1501       2 2010     SOUTH     11.84000
## 1502       3 2011     SOUTH     10.88000
## 1503       4 2012     SOUTH     15.17000
## 1504       5 2013     SOUTH     17.22000
## 1505       1 2009     SOUTH      7.82000
## 1506       2 2010     SOUTH      9.90000
## 1507       3 2011     SOUTH     15.99000
## 1508       4 2012     SOUTH      8.32000
## 1509       5 2013     SOUTH     20.09000
## 1510       1 2009     SOUTH      5.75000
## 1511       2 2010     SOUTH      7.83000
## 1512       3 2011     SOUTH     12.92000
## 1513       4 2012     SOUTH     15.99000
## 1514       5 2013     SOUTH     22.54000
## 1515       1 2009     SOUTH     12.24000
## 1516       2 2010     SOUTH     14.00000
## 1517       3 2011     SOUTH     13.86000
## 1518       4 2012     SOUTH     15.96000
## 1519       5 2013     SOUTH     30.68000
## 1520       1 2009     SOUTH      2.88000
## 1521       2 2010     SOUTH      5.50000
## 1522       3 2011     SOUTH      6.16000
## 1523       4 2012     SOUTH      6.38000
## 1524       5 2013     SOUTH      7.75000
## 1525       1 2009     SOUTH     10.50000
## 1526       2 2010     SOUTH     11.16000
## 1527       3 2011     SOUTH     14.52000
## 1528       4 2012     SOUTH     13.20000
## 1529       5 2013     SOUTH     24.00000
## 1530       1 2009     SOUTH      2.47500
## 1531       2 2010     SOUTH      4.60000
## 1532       3 2011     SOUTH      6.00000
## 1533       4 2012     SOUTH      7.44000
## 1534       5 2013     SOUTH     13.86000
## 1535       1 2009     SOUTH      2.70000
## 1536       2 2010     SOUTH      6.38000
## 1537       3 2011     SOUTH      9.24000
## 1538       4 2012     SOUTH      9.92000
## 1539       5 2013     SOUTH      5.75000
## 1540       1 2009     SOUTH      3.14500
## 1541       2 2010     SOUTH      6.37500
## 1542       3 2011     SOUTH      9.30000
## 1543       4 2012     SOUTH     15.99000
## 1544       5 2013     SOUTH     21.07000
## 1545       1 2009     SOUTH      1.75000
## 1546       2 2010     SOUTH      2.88000
## 1547       3 2011     SOUTH      4.18000
```

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## 1548      4 2012    SOUTH      8.06000
## 1549      5 2013    SOUTH     14.04000
## 1550      1 2009    SOUTH     15.17000
## 1551      2 2010    SOUTH     17.60000
## 1552      3 2011    SOUTH     33.06000
## 1553      4 2012    SOUTH     28.42000
## 1554      5 2013    SOUTH     39.00000
## 1555      1 2009    SOUTH      2.38000
## 1556      2 2010    SOUTH      3.80000
## 1557      3 2011    SOUTH      9.69000
## 1558      4 2012    SOUTH      7.39500
## 1559      5 2013    SOUTH     13.76000
## 1560      1 2009    SOUTH      2.73000
## 1561      2 2010    SOUTH     11.88000
## 1562      3 2011    SOUTH     11.61000
## 1563      4 2012    SOUTH     17.48000
## 1564      5 2013    SOUTH     19.68000
## 1565      1 2009    SOUTH      2.17000
## 1566      2 2010    SOUTH      6.11000
## 1567      3 2011    SOUTH      8.68000
## 1568      4 2012    SOUTH     12.37500
## 1569      5 2013    SOUTH     13.32000
## 1570      1 2009    SOUTH      2.70000
## 1571      2 2010    SOUTH      8.12000
## 1572      3 2011    SOUTH     10.88000
## 1573      4 2012    SOUTH     14.04000
## 1574      5 2013    SOUTH      8.00000
## 1575      1 2009    SOUTH      3.31500
## 1576      2 2010    SOUTH      5.72000
## 1577      3 2011    SOUTH     10.56000
## 1578      4 2012    SOUTH     18.06000
## 1579      5 2013    SOUTH     15.96000
## 1580      1 2009    SOUTH     11.52000
## 1581      2 2010    SOUTH     10.93680
## 1582      3 2011    SOUTH     21.62000
## 1583      4 2012    SOUTH     14.40000
## 1584      5 2013    SOUTH     17.63000
## 1585      1 2009    SOUTH      1.88500
## 1586      2 2010    SOUTH      5.40000
## 1587      3 2011    SOUTH     11.16000
## 1588      4 2012    SOUTH     12.16000
## 1589      5 2013    SOUTH     19.74000
## 1590      1 2009    SOUTH     11.20000
## 1591      2 2010    SOUTH     15.20000
## 1592      3 2011    SOUTH     26.52000
## 1593      4 2012    SOUTH     27.36000
## 1594      5 2013    SOUTH     35.99000
## 1595      1 2009    SOUTH      2.17000
## 1596      2 2010    SOUTH      7.20000
## 1597      3 2011    SOUTH     11.47000
## 1598      4 2012    SOUTH      9.52000
## 1599      5 2013    SOUTH     11.16000
## 1600      1 2009    SOUTH      5.28000
## 1601      2 2010    SOUTH      9.57000
```

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## 1602      3 2011    SOUTH     10.54000
## 1603      4 2012    SOUTH     13.30000
## 1604      5 2013    SOUTH     24.99000
## 1605      1 2009    SOUTH      2.34000
## 1606      2 2010    SOUTH      8.40000
## 1607      3 2011    SOUTH      8.75000
## 1608      4 2012    SOUTH     14.76000
## 1609      5 2013    SOUTH     11.16000
## 1610      1 2009    SOUTH      2.08000
## 1611      2 2010    SOUTH      5.50000
## 1612      3 2011    SOUTH      5.06000
## 1613      4 2012    SOUTH      6.44000
## 1614      5 2013    SOUTH      5.06000
## 1615      1 2009    SOUTH      4.32000
## 1616      2 2010    SOUTH     12.92000
## 1617      3 2011    SOUTH     12.92000
## 1618      4 2012    SOUTH     15.68000
## 1619      5 2013    SOUTH     16.56400
## 1620      1 2009    SOUTH      2.25000
## 1621      2 2010    SOUTH      1.50000
## 1622      3 2011    SOUTH      4.08000
## 1623      4 2012    SOUTH      2.40000
## 1624      5 2013    SOUTH      5.88000
## 1625      1 2009    SOUTH      4.32000
## 1626      2 2010    SOUTH     10.08000
## 1627      3 2011    SOUTH     18.45000
## 1628      4 2012    SOUTH     16.28000
## 1629      5 2013    SOUTH     23.10000
## 1630      1 2009    SOUTH      0.88000
## 1631      2 2010    SOUTH      1.30000
## 1632      3 2011    SOUTH      1.65000
## 1633      4 2012    SOUTH      3.57000
## 1634      5 2013    SOUTH      1.92000
## 1635      1 2009    SOUTH      2.28000
## 1636      2 2010    SOUTH      6.32500
## 1637      3 2011    SOUTH      5.46000
## 1638      4 2012    SOUTH      8.00000
## 1639      5 2013    SOUTH      9.28000
## 1640      1 2009    SOUTH      5.25000
## 1641      2 2010    SOUTH      4.90000
## 1642      3 2011    SOUTH     10.26000
## 1643      4 2012    SOUTH      9.86000
## 1644      5 2013    SOUTH     17.22000
## 1645      1 2009    SOUTH      0.29000
## 1646      2 2010    SOUTH      0.81000
## 1647      3 2011    SOUTH      1.32000
## 1648      4 2012    SOUTH      3.23000
## 1649      5 2013    SOUTH      4.83000
## 1650      1 2009    SOUTH      3.93600
## 1651      2 2010    SOUTH     11.10000
## 1652      3 2011    SOUTH      8.88000
## 1653      4 2012    SOUTH      8.99000
## 1654      5 2013    SOUTH     10.88000
## 1655      1 2009    SOUTH      1.12200
```

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## 1656    2 2010    SOUTH     2.03000
## 1657    3 2011    SOUTH     2.70000
## 1658    4 2012    SOUTH     6.25000
## 1659    5 2013    SOUTH     8.68000
## 1660    1 2009    SOUTH     1.11800
## 1661    2 2010    SOUTH     1.56000
## 1662    3 2011    SOUTH     3.45000
## 1663    4 2012    SOUTH     6.21000
## 1664    5 2013    SOUTH     6.00000
## 1665    1 2009    SOUTH     1.13600
## 1666    2 2010    SOUTH     3.00000
## 1667    3 2011    SOUTH     2.40000
## 1668    4 2012    SOUTH     3.99000
## 1669    5 2013    SOUTH     3.91000
## 1670    1 2009    SOUTH     5.88650
## 1671    2 2010    SOUTH     7.50000
## 1672    3 2011    SOUTH     4.94000
## 1673    4 2012    SOUTH     2.31000
## 1674    5 2013    SOUTH    13.32000
## 1675    1 2009    SOUTH     5.27040
## 1676    2 2010    SOUTH     5.67000
## 1677    3 2011    SOUTH     9.57000
## 1678    4 2012    SOUTH     9.45000
## 1679    5 2013    SOUTH    14.80000
## 1680    1 2009    SOUTH     1.81440
## 1681    2 2010    SOUTH     4.62000
## 1682    3 2011    SOUTH     8.32000
## 1683    4 2012    SOUTH     6.50000
## 1684    5 2013    SOUTH     8.99000
## 1685    1 2009    SOUTH     1.32250
## 1686    2 2010    SOUTH     4.40000
## 1687    3 2011    SOUTH    10.88000
## 1688    4 2012    SOUTH     9.24000
## 1689    5 2013    SOUTH    11.31000
## 1690    1 2009    SOUTH    10.08000
## 1691    2 2010    SOUTH     7.65000
## 1692    3 2011    SOUTH    23.97000
## 1693    4 2012    SOUTH    31.36000
## 1694    5 2013    SOUTH    21.62000
## 1695    1 2009    SOUTH     3.01760
## 1696    2 2010    SOUTH     5.50000
## 1697    3 2011    SOUTH    13.53000
## 1698    4 2012    SOUTH    12.24000
## 1699    5 2013    SOUTH    11.20000
## 1700    1 2009    SOUTH     0.79200
## 1701    2 2010    SOUTH     1.45000
## 1702    3 2011    SOUTH     3.60000
## 1703    4 2012    SOUTH     3.04000
## 1704    5 2013    SOUTH     4.14000
## 1705    1 2009    SOUTH     2.62350
## 1706    2 2010    SOUTH     5.98000
## 1707    3 2011    SOUTH     6.75000
## 1708    4 2012    SOUTH     6.66500
## 1709    5 2013    SOUTH     7.92000
```

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## 1710     1 2009     SOUTH      0.31500
## 1711     2 2010     SOUTH      1.10000
## 1712     3 2011     SOUTH      3.57000
## 1713     4 2012     SOUTH     12.95000
## 1714     5 2013     SOUTH      9.28000
## 1715     1 2009     SOUTH      4.75240
## 1716     2 2010     SOUTH      5.25000
## 1717     3 2011     SOUTH      7.56000
## 1718     4 2012     SOUTH      7.68000
## 1719     5 2013     SOUTH      8.70000
## 1720     1 2009     SOUTH      3.31740
## 1721     2 2010     SOUTH      5.32000
## 1722     3 2011     SOUTH      8.68000
## 1723     4 2012     SOUTH     11.90000
## 1724     5 2013     SOUTH     13.12000
## 1725     1 2009     SOUTH      0.48880
## 1726     2 2010     SOUTH      0.45000
## 1727     3 2011     SOUTH      0.78000
## 1728     4 2012     SOUTH      8.25000
## 1729     5 2013     SOUTH      0.72000
## 1730     1 2009     SOUTH      0.78720
## 1731     2 2010     SOUTH      2.21000
## 1732     3 2011     SOUTH      3.99000
## 1733     4 2012     SOUTH      3.91300
## 1734     5 2013     SOUTH      4.20000
## 1735     1 2009     SOUTH     20.16000
## 1736     2 2010     SOUTH     20.70000
## 1737     3 2011     SOUTH      5.20000
## 1738     4 2012     SOUTH     26.75100
## 1739     5 2013     SOUTH     29.12000
## 1740     1 2009     SOUTH      4.27040
## 1741     2 2010     SOUTH      4.48000
## 1742     3 2011     SOUTH     10.56000
## 1743     4 2012     SOUTH     20.77600
## 1744     5 2013     SOUTH     17.68000
## 1745     1 2009     SOUTH      4.14470
## 1746     2 2010     SOUTH      7.28000
## 1747     3 2011     SOUTH      9.86000
## 1748     4 2012     SOUTH     11.62500
## 1749     5 2013     SOUTH     11.48000
## 1750     1 2009     SOUTH      4.44000
## 1751     2 2010     SOUTH      1.75000
## 1752     3 2011     SOUTH           NA
## 1753     4 2012     SOUTH           NA
## 1754     5 2013     SOUTH           NA
## 1755     1 2009     SOUTH      1.84870
## 1756     2 2010     SOUTH      3.80000
## 1757     3 2011     SOUTH      3.99000
## 1758     4 2012     SOUTH      4.79700
## 1759     5 2013     SOUTH      7.54000
## 1760     1 2009     SOUTH      1.64980
## 1761     2 2010     SOUTH      4.18000
## 1762     3 2011     SOUTH      3.23000
## 1763     4 2012     SOUTH      3.88500
```

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## 1764      5 2013    SOUTH       4.18000
## 1765      1 2009    SOUTH       6.07500
## 1766      2 2010    SOUTH       5.06000
## 1767      3 2011    SOUTH       8.99000
## 1768      4 2012    SOUTH       9.60000
## 1769      5 2013    SOUTH      10.23000
## 1770      1 2009    SOUTH      10.88000
## 1771      2 2010    SOUTH      10.50000
## 1772      3 2011    SOUTH      15.17000
## 1773      4 2012    SOUTH      16.72000
## 1774      5 2013    SOUTH      11.76000
## 1775      1 2009    SOUTH       7.15500
## 1776      2 2010    SOUTH      10.85000
## 1777      3 2011    SOUTH      16.38000
## 1778      4 2012    SOUTH      16.32000
## 1779      5 2013    SOUTH      17.50000
## 1780      1 2009    SOUTH      10.54000
## 1781      2 2010    SOUTH      11.88000
## 1782      3 2011    SOUTH      15.48000
## 1783      4 2012    SOUTH      17.16000
## 1784      5 2013    SOUTH      17.10000
## 1785      1 2009    SOUTH       6.75000
## 1786      2 2010    SOUTH       6.00000
## 1787      3 2011    SOUTH       9.57000
## 1788      4 2012    SOUTH      13.94000
## 1789      5 2013    SOUTH      10.50000
## 1790      1 2009    SOUTH       3.90000
## 1791      2 2010    SOUTH       4.62000
## 1792      3 2011    SOUTH       9.90000
## 1793      4 2012    SOUTH       9.80000
## 1794      5 2013    SOUTH       5.98000
## 1795      1 2009    SOUTH       4.94500
## 1796      2 2010    SOUTH       7.44000
## 1797      3 2011    SOUTH      15.17000
## 1798      4 2012    SOUTH       8.70000
## 1799      5 2013    SOUTH       5.75000
## 1800      1 2009    SOUTH       6.24000
## 1801      2 2010    SOUTH      10.23000
## 1802      3 2011    SOUTH      14.43000
## 1803      4 2012    SOUTH      18.00000
## 1804      5 2013    SOUTH      21.50000
## 1805      1 2009    SOUTH       7.15000
## 1806      2 2010    SOUTH      10.54000
## 1807      3 2011    SOUTH      15.54000
## 1808      4 2012    SOUTH      23.97000
## 1809      5 2013    SOUTH      10.50000
## 1810      1 2009    SOUTH       4.10000
## 1811      2 2010    SOUTH       5.75000
## 1812      3 2011    SOUTH       5.88000
## 1813      4 2012    SOUTH      13.26000
## 1814      5 2013    SOUTH      12.16000
## 1815      1 2009    SOUTH       1.68000
## 1816      2 2010    SOUTH       2.83800
## 1817      3 2011    SOUTH       7.83000
```

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## 1818        4 2012    SOUTH       8.96000
## 1819        5 2013    SOUTH      10.80000
## 1820        1 2009    SOUTH       1.43750
## 1821        2 2010    SOUTH       2.56000
## 1822        3 2011    SOUTH       3.36000
## 1823        4 2012    SOUTH       3.12000
## 1824        5 2013    SOUTH       7.54000
## 1825        1 2009    SOUTH       8.99750
## 1826        2 2010    SOUTH       6.72080
## 1827        3 2011    SOUTH      11.22000
## 1828        4 2012    SOUTH      12.60000
## 1829        5 2013    SOUTH      16.80000
## 1830        1 2009    SOUTH       2.52000
## 1831        2 2010    SOUTH       5.00950
## 1832        3 2011    SOUTH      12.80000
## 1833        4 2012    SOUTH      12.16000
## 1834        5 2013    SOUTH      21.42000
## 1835        1 2009    SOUTH       3.88500
## 1836        2 2010    SOUTH       6.76000
## 1837        3 2011    SOUTH      12.95000
## 1838        4 2012    SOUTH      13.12000
## 1839        5 2013    SOUTH       8.68000
## 1840        1 2009    SOUTH       3.87000
## 1841        2 2010    SOUTH       5.06250
## 1842        3 2011    SOUTH      12.87000
## 1843        4 2012    SOUTH       9.00000
## 1844        5 2013    SOUTH      26.00000
## 1845        1 2009    SOUTH       3.51000
## 1846        2 2010    SOUTH       3.40000
## 1847        3 2011    SOUTH       7.00000
## 1848        4 2012    SOUTH       6.08000
## 1849        5 2013    SOUTH      10.23000
## 1850        1 2009    SOUTH       8.96000
## 1851        2 2010    SOUTH       5.75000
## 1852        3 2011    SOUTH       6.25000
## 1853        4 2012    SOUTH      14.00000
## 1854        5 2013    SOUTH      11.20000
## 1855        1 2009    SOUTH       2.24000
## 1856        2 2010    SOUTH       3.23000
## 1857        3 2011    SOUTH       6.44000
## 1858        4 2012    SOUTH       7.80000
## 1859        5 2013    SOUTH       7.28000
## 1860        1 2009    SOUTH       2.52000
## 1861        2 2010    SOUTH       3.20000
## 1862        3 2011    SOUTH       7.83000
## 1863        4 2012    SOUTH      18.33000
## 1864        5 2013    SOUTH      12.25000
## 1865        1 2009    SOUTH       1.74460
## 1866        2 2010    SOUTH       2.89000
## 1867        3 2011    SOUTH       7.50000
## 1868        4 2012    SOUTH       8.40000
## 1869        5 2013    SOUTH       6.48000
## 1870        1 2009    SOUTH       3.09400
## 1871        2 2010    SOUTH       6.96000
```

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## 1872        3 2011    SOUTH      11.10000
## 1873        4 2012    SOUTH       8.68000
## 1874        5 2013    SOUTH       8.40000
## 1875        1 2009    SOUTH       7.29000
## 1876        2 2010    SOUTH      18.92000
## 1877        3 2011    SOUTH      16.34000
## 1878        4 2012    SOUTH      12.95000
## 1879        5 2013    SOUTH      16.80000
## 1880        1 2009    SOUTH       2.81240
## 1881        2 2010    SOUTH       3.06000
## 1882        3 2011    SOUTH       9.10000
## 1883        4 2012    SOUTH       6.21000
## 1884        5 2013    SOUTH       8.40000
## 1885        1 2009    SOUTH       5.19140
## 1886        2 2010    SOUTH       4.80000
## 1887        3 2011    SOUTH      11.16000
## 1888        4 2012    SOUTH      12.16000
## 1889        5 2013    SOUTH           NA
## 1890        1 2009    SOUTH       4.74430
## 1891        2 2010    SOUTH       3.70500
## 1892        3 2011    SOUTH       6.96000
## 1893        4 2012    SOUTH       8.00000
## 1894        5 2013    SOUTH       4.40000
## 1895        1 2009    SOUTH       5.26500
## 1896        2 2010    SOUTH       9.72000
## 1897        3 2011    SOUTH      11.20000
## 1898        4 2012    SOUTH      10.08000
## 1899        5 2013    SOUTH      19.78000
## 1900        1 2009    SOUTH       1.47290
## 1901        2 2010    SOUTH       2.56000
## 1902        3 2011    SOUTH       4.00000
## 1903        4 2012    SOUTH       3.06000
## 1904        5 2013    SOUTH       8.10000
## 1905        1 2009    SOUTH       2.66000
## 1906        2 2010    SOUTH       3.30000
## 1907        3 2011    SOUTH       7.00000
## 1908        4 2012    SOUTH       9.24000
## 1909        5 2013    SOUTH       6.21000
## 1910        1 2009    SOUTH       3.99750
## 1911        2 2010    SOUTH       8.40000
## 1912        3 2011    SOUTH      12.95000
## 1913        4 2012    SOUTH      10.54000
## 1914        5 2013    SOUTH      13.68000
## 1915        1 2009    SOUTH       1.50100
## 1916        2 2010    SOUTH       2.55000
## 1917        3 2011    SOUTH       2.73000
## 1918        4 2012    SOUTH       4.18000
## 1919        5 2013    SOUTH       5.04000
## 1920        1 2009    SOUTH      11.98520
## 1921        2 2010    SOUTH       9.57000
## 1922        3 2011    SOUTH      12.54000
## 1923        4 2012    SOUTH      10.44000
## 1924        5 2013    SOUTH      12.60000
## 1925        1 2009    SOUTH       3.87000
```

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## 1926       2 2010    SOUTH     5.75000
## 1927       3 2011    SOUTH     4.60000
## 1928       4 2012    SOUTH     4.94000
## 1929       5 2013    SOUTH     1.51250
## 1930       1 2009    SOUTH     1.84600
## 1931       2 2010    SOUTH     1.95000
## 1932       3 2011    SOUTH     3.23000
## 1933       4 2012    SOUTH     4.83000
## 1934       5 2013    SOUTH     5.52000
## 1935       1 2009    SOUTH     1.66050
## 1936       2 2010    SOUTH     3.33000
## 1937       3 2011    SOUTH     2.55000
## 1938       4 2012    SOUTH     2.52000
## 1939       5 2013    SOUTH     2.24000
## 1940       1 2009    SOUTH    16.87300
## 1941       2 2010    SOUTH    19.74000
## 1942       3 2011    SOUTH    12.71000
## 1943       4 2012    SOUTH    15.91000
## 1944       5 2013    SOUTH    12.96000
## 1945       1 2009    SOUTH     0.86900
## 1946       2 2010    SOUTH     1.10000
## 1947       3 2011    SOUTH     2.70000
## 1948       4 2012    SOUTH     2.66000
## 1949       5 2013    SOUTH     2.88000
## 1950       1 2009    SOUTH     2.09920
## 1951       2 2010    SOUTH     2.34000
## 1952       3 2011    SOUTH     3.23000
## 1953       4 2012    SOUTH     6.24000
## 1954       5 2013    SOUTH     7.83000
## 1955       1 2009    SOUTH     2.46750
## 1956       2 2010    SOUTH     2.40000
## 1957       3 2011    SOUTH     2.08000
## 1958       4 2012    SOUTH     5.50000
## 1959       5 2013    SOUTH     3.40000
## 1960       1 2009    SOUTH     9.04400
## 1961       2 2010    SOUTH    14.35000
## 1962       3 2011    SOUTH    15.91000
## 1963       4 2012    SOUTH    13.44000
## 1964       5 2013    SOUTH    10.89000
## 1965       1 2009    SOUTH     1.03500
## 1966       2 2010    SOUTH     2.55000
## 1967       3 2011    SOUTH     4.56000
## 1968       4 2012    SOUTH     3.80000
## 1969       5 2013    SOUTH     5.94000
## 1970       1 2009    SOUTH     1.95000
## 1971       2 2010    SOUTH     2.85000
## 1972       3 2011    SOUTH     4.60000
## 1973       4 2012    SOUTH     5.46000
## 1974       5 2013    SOUTH     6.16000
## 1975       1 2009    SOUTH     4.10000
## 1976       2 2010    SOUTH     6.24000
## 1977       3 2011    SOUTH     7.02000
## 1978       4 2012    SOUTH     7.20000
## 1979       5 2013    SOUTH     8.68000
```

```
## 1980      1 2009      SOUTH      3.19000
## 1981      2 2010      SOUTH      6.30000
## 1982      3 2011      SOUTH      5.04000
## 1983      4 2012      SOUTH      7.50000
## 1984      5 2013      SOUTH      8.10000
## 1985      1 2009      SOUTH      0.88200
## 1986      2 2010      SOUTH      1.52000
## 1987      3 2011      SOUTH      1.95000
## 1988      4 2012      SOUTH      2.28000
## 1989      5 2013      SOUTH      5.72000
## 1990      1 2009      SOUTH      2.24000
## 1991      2 2010      SOUTH      3.60000
## 1992      3 2011      SOUTH      3.60000
## 1993      4 2012      SOUTH      7.80000
## 1994      5 2013      SOUTH      6.48000
## 1995      1 2009      SOUTH      9.42500
## 1996      2 2010      SOUTH     11.78000
## 1997      3 2011      SOUTH     14.35000
## 1998      4 2012      SOUTH      8.25000
## 1999      5 2013      SOUTH     14.00000
## 2000      1 2009      SOUTH     15.96000
## 2001      2 2010      SOUTH     19.78000
## 2002      3 2011      SOUTH     33.63000
## 2003      4 2012      SOUTH     16.34000
## 2004      5 2013      SOUTH     32.00000
## 2005      1 2009      SOUTH      2.52320
## 2006      2 2010      SOUTH      4.83750
## 2007      3 2011      SOUTH      7.75000
## 2008      4 2012      SOUTH      7.80000
## 2009      5 2013      SOUTH     14.88000
## 2010      1 2009      SOUTH     14.07600
## 2011      2 2010      SOUTH     18.33000
## 2012      3 2011      SOUTH     34.68000
## 2013      4 2012      SOUTH     17.20000
## 2014      5 2013      SOUTH     18.86000
## 2015      1 2009      SOUTH      0.77250
## 2016      2 2010      SOUTH      0.52000
## 2017      3 2011      SOUTH           NA
## 2018      4 2012      SOUTH           NA
## 2019      5 2013      SOUTH           NA
## 2020      1 2009      SOUTH      3.09720
## 2021      2 2010      SOUTH      4.40000
## 2022      3 2011      SOUTH      8.68000
## 2023      4 2012      SOUTH      6.76000
## 2024      5 2013      SOUTH      7.84000
## 2025      1 2009      SOUTH      3.00300
## 2026      2 2010      SOUTH      3.63000
## 2027      3 2011      SOUTH      6.72000
## 2028      4 2012      SOUTH      6.82000
## 2029      5 2013      SOUTH     10.56000
## 2030      1 2009      SOUTH      1.67700
## 2031      2 2010      SOUTH      1.66250
## 2032      3 2011      SOUTH      2.70000
## 2033      4 2012      SOUTH      1.76000
```

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## 2034      5 2013    SOUTH     4.62000
## 2035      1 2009    SOUTH     1.66400
## 2036      2 2010    SOUTH     2.32500
## 2037      3 2011    SOUTH     3.96000
## 2038      4 2012    SOUTH     2.70000
## 2039      5 2013    SOUTH     4.62000
## 2040      1 2009    SOUTH     2.75520
## 2041      2 2010    SOUTH     2.97000
## 2042      3 2011    SOUTH     4.32000
## 2043      4 2012    SOUTH     5.37500
## 2044      5 2013    SOUTH     4.40000
## 2045      1 2009    SOUTH     0.59500
## 2046      2 2010    SOUTH     1.13300
## 2047      3 2011    SOUTH     1.95000
## 2048      4 2012    SOUTH     3.99000
## 2049      5 2013    SOUTH     4.83000
## 2050      1 2009    SOUTH     0.73870
## 2051      2 2010    SOUTH     1.38000
## 2052      3 2011    SOUTH     2.24000
## 2053      4 2012    SOUTH     2.38000
## 2054      5 2013    SOUTH     3.60000
## 2055      1 2009    SOUTH     2.19090
## 2056      2 2010    SOUTH     2.50000
## 2057      3 2011    SOUTH     3.30000
## 2058      4 2012    SOUTH     3.20000
## 2059      5 2013    SOUTH     2.70000
## 2060      1 2009    SOUTH     1.08100
## 2061      2 2010    SOUTH     0.94500
## 2062      3 2011    SOUTH     1.32000
## 2063      4 2012    SOUTH     1.56000
## 2064      5 2013    SOUTH     0.90000
## 2065      1 2009    SOUTH     0.85500
## 2066      2 2010    SOUTH     1.95000
## 2067      3 2011    SOUTH     3.80000
## 2068      4 2012    SOUTH     5.50000
## 2069      5 2013    SOUTH     6.44000
## 2070      1 2009    SOUTH     8.82000
## 2071      2 2010    SOUTH     7.83000
## 2072      3 2011    SOUTH    13.26000
## 2073      4 2012    SOUTH    11.84000
## 2074      5 2013    SOUTH    16.80000
## 2075      1 2009    SOUTH    10.07500
## 2076      2 2010    SOUTH    14.25000
## 2077      3 2011    SOUTH    16.40000
## 2078      4 2012    SOUTH    16.65000
## 2079      5 2013    SOUTH    17.68000
## 2080      1 2009    SOUTH     1.32000
## 2081      2 2010    SOUTH     2.72000
## 2082      3 2011    SOUTH     3.80000
## 2083      4 2012    SOUTH     8.12000
## 2084      5 2013    SOUTH    10.20000
## 2085      1 2009    SOUTH     5.59000
## 2086      2 2010    SOUTH     2.38000
## 2087      3 2011    SOUTH     3.78000
```

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## 2088      4 2012     SOUTH       4.00000
## 2089      5 2013     SOUTH       4.83000
## 2090      1 2009     SOUTH       5.86500
## 2091      2 2010     SOUTH       6.24000
## 2092      3 2011     SOUTH       7.13000
## 2093      4 2012     SOUTH       9.92000
## 2094      5 2013     SOUTH      11.16000
## 2095      1 2009     SOUTH       3.07500
## 2096      2 2010     SOUTH       5.20000
## 2097      3 2011     SOUTH      10.56000
## 2098      4 2012     SOUTH      11.22000
## 2099      5 2013     SOUTH      10.88000
## 2100      1 2009     SOUTH       6.48000
## 2101      2 2010     SOUTH       9.45500
## 2102      3 2011     SOUTH      10.56000
## 2103      4 2012     SOUTH      11.10000
## 2104      5 2013     SOUTH      13.20000
## 2105      1 2009     SOUTH       5.04000
## 2106      2 2010     SOUTH       7.28000
## 2107      3 2011     SOUTH       7.83000
## 2108      4 2012     SOUTH       9.52000
## 2109      5 2013     SOUTH       7.80000
## 2110      1 2009     SOUTH       2.24000
## 2111      2 2010     SOUTH       3.99000
## 2112      3 2011     SOUTH       7.25000
## 2113      4 2012     SOUTH       6.16000
## 2114      5 2013     SOUTH       4.84000
## 2115      1 2009     SOUTH       5.56500
## 2116      2 2010     SOUTH       7.25580
## 2117      3 2011     SOUTH      17.63000
## 2118      4 2012     SOUTH      11.20000
## 2119      5 2013     SOUTH      14.80000
## 2120      1 2009     SOUTH       2.47000
## 2121      2 2010     SOUTH       5.35500
## 2122      3 2011     SOUTH      10.44000
## 2123      4 2012     SOUTH      11.84000
## 2124      5 2013     SOUTH       9.24000
## 2125      1 2009     SOUTH       8.99000
## 2126      2 2010     SOUTH       9.72000
## 2127      3 2011     SOUTH      18.13000
## 2128      4 2012     SOUTH      15.30000
## 2129      5 2013     SOUTH      13.68000
## 2130      1 2009     SOUTH       3.57000
## 2131      2 2010     SOUTH       3.41040
## 2132      3 2011     SOUTH       8.70000
## 2133      4 2012     SOUTH       9.92000
## 2134      5 2013     SOUTH       8.70000
## 2135      1 2009     SOUTH       5.52000
## 2136      2 2010     SOUTH       6.67000
## 2137      3 2011     SOUTH      10.23000
## 2138      4 2012     SOUTH      12.40000
## 2139      5 2013     SOUTH      17.48000
## 2140      1 2009     SOUTH      15.51000
## 2141      2 2010     SOUTH      17.94000
```

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## 2142      3 2011    SOUTH     20.91000
## 2143      4 2012    SOUTH     25.76000
## 2144      5 2013    SOUTH     44.16000
## 2145      1 2009    SOUTH      2.16000
## 2146      2 2010    SOUTH      2.17000
## 2147      3 2011    SOUTH      2.40000
## 2148      4 2012    SOUTH      2.08000
## 2149      5 2013    SOUTH      3.99000
## 2150      1 2009    SOUTH     12.09000
## 2151      2 2010    SOUTH     10.08000
## 2152      3 2011    SOUTH     11.84000
## 2153      4 2012    SOUTH           NA
## 2154      5 2013    SOUTH           NA
## 2155      1 2009    SOUTH      3.06000
## 2156      2 2010    SOUTH      4.20000
## 2157      3 2011    SOUTH      6.60000
## 2158      4 2012    SOUTH      4.96000
## 2159      5 2013    SOUTH      7.25000
## 2160      1 2009    SOUTH     15.17000
## 2161      2 2010    SOUTH     13.98600
## 2162      3 2011    SOUTH     32.86000
## 2163      4 2012    SOUTH     22.26000
## 2164      5 2013    SOUTH     28.05000
## 2165      1 2009    SOUTH      2.85000
## 2166      2 2010    SOUTH      5.76000
## 2167      3 2011    SOUTH      9.28000
## 2168      4 2012    SOUTH     11.88000
## 2169      5 2013    SOUTH      8.37000
## 2170      1 2009    SOUTH      4.32000
## 2171      2 2010    SOUTH      4.32000
## 2172      3 2011    SOUTH      6.93000
## 2173      4 2012    SOUTH      8.70000
## 2174      5 2013    SOUTH      7.00000
## 2175      1 2009    SOUTH      3.51000
## 2176      2 2010    SOUTH      2.72000
## 2177      3 2011    SOUTH      4.59000
## 2178      4 2012    SOUTH      7.28000
## 2179      5 2013    SOUTH      4.56000
## 2180      1 2009    SOUTH      1.80000
## 2181      2 2010    SOUTH      3.00000
## 2182      3 2011    SOUTH      3.04000
## 2183      4 2012    SOUTH      3.36000
## 2184      5 2013    SOUTH      3.99000
## 2185      1 2009    SOUTH      1.26000
## 2186      2 2010    SOUTH      1.75000
## 2187      3 2011    SOUTH      5.04000
## 2188      4 2012    SOUTH      5.59000
## 2189      5 2013    SOUTH     12.16000
## 2190      1 2009    SOUTH      2.08000
## 2191      2 2010    SOUTH      2.70000
## 2192      3 2011    SOUTH      4.14000
## 2193      4 2012    SOUTH      2.85000
## 2194      5 2013    SOUTH      0.27000
## 2195      1 2009    SOUTH      2.08000
```

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## 2196    2 2010    SOUTH      3.60000
## 2197    3 2011    SOUTH      4.41000
## 2198    4 2012    SOUTH      5.20000
## 2199    5 2013    SOUTH      5.94000
## 2200    1 2009    SOUTH      3.99000
## 2201    2 2010    SOUTH      6.50000
## 2202    3 2011    SOUTH     11.70000
## 2203    4 2012    SOUTH     12.96000
## 2204    5 2013    SOUTH     14.80000
## 2205    1 2009    SOUTH      5.32000
## 2206    2 2010    SOUTH     10.73000
## 2207    3 2011    SOUTH     24.99000
## 2208    4 2012    SOUTH     21.56000
## 2209    5 2013    SOUTH     11.52000
## 2210    1 2009    SOUTH      1.26000
## 2211    2 2010    SOUTH      2.29500
## 2212    3 2011    SOUTH      5.50000
## 2213    4 2012    SOUTH      4.56000
## 2214    5 2013    SOUTH      5.04000
## 2215    1 2009    SOUTH      2.53980
## 2216    2 2010    SOUTH      1.30000
## 2217    3 2011    SOUTH      2.10000
## 2218    4 2012    SOUTH      3.23000
## 2219    5 2013    SOUTH      3.42000
## 2220    1 2009    SOUTH      8.87600
## 2221    2 2010    SOUTH     12.96000
## 2222    3 2011    SOUTH     12.24000
## 2223    4 2012    SOUTH     17.64000
## 2224    5 2013    SOUTH     15.12000
## 2225    1 2009    SOUTH      3.02400
## 2226    2 2010    SOUTH      3.78000
## 2227    3 2011    SOUTH      7.36000
## 2228    4 2012    SOUTH      2.80000
## 2229    5 2013    SOUTH      2.40000
## 2230    1 2009    SOUTH      7.42000
## 2231    2 2010    SOUTH     11.88000
## 2232    3 2011    SOUTH     14.40000
## 2233    4 2012    SOUTH     10.23000
## 2234    5 2013    SOUTH     12.95000
## 2235    1 2009    SOUTH      4.90200
## 2236    2 2010    SOUTH      4.84000
## 2237    3 2011    SOUTH      4.20000
## 2238    4 2012    SOUTH      6.25000
## 2239    5 2013    SOUTH      5.52000
## 2240    1 2009    SOUTH      1.16600
## 2241    2 2010    SOUTH      1.32000
## 2242    3 2011    SOUTH      2.24000
## 2243    4 2012    SOUTH      2.40000
## 2244    5 2013    SOUTH      2.85000
## 2245    1 2009    SOUTH      2.41380
## 2246    2 2010    SOUTH      2.70000
## 2247    3 2011    SOUTH      5.88000
## 2248    4 2012    SOUTH      5.94000
## 2249    5 2013    SOUTH      5.50000
```

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## 2250        1 2009      SOUTH         8.55000
## 2251        2 2010      SOUTH         7.83000
## 2252        3 2011      SOUTH         8.70000
## 2253        4 2012      SOUTH         5.29000
## 2254        5 2013      SOUTH         8.00000
## 2255        1 2009      SOUTH         1.35720
## 2256        2 2010      SOUTH         2.55000
## 2257        3 2011      SOUTH         3.99000
## 2258        4 2012      SOUTH         4.83000
## 2259        5 2013      SOUTH         5.94000
## 2260        1 2009      SOUTH         2.18550
## 2261        2 2010      SOUTH         1.43750
## 2262        3 2011      SOUTH         3.96000
## 2263        4 2012      SOUTH         5.25000
## 2264        5 2013      SOUTH         5.06000
## 2265        1 2009      SOUTH         9.73500
## 2266        2 2010      SOUTH        11.55000
## 2267        3 2011      SOUTH        15.96000
## 2268        4 2012      SOUTH        15.20000
## 2269        5 2013      SOUTH        13.86000
## 2270        1 2009      SOUTH         3.76740
## 2271        2 2010      SOUTH         5.46000
## 2272        3 2011      SOUTH        13.68000
## 2273        4 2012      SOUTH         9.00000
## 2274        5 2013      SOUTH        11.22000
## 2275        1 2009      SOUTH        19.88500
## 2276        2 2010      SOUTH        18.80000
## 2277        3 2011      SOUTH        35.75000
## 2278        4 2012      SOUTH        34.02000
## 2279        5 2013      SOUTH        44.20000
## 2280        1 2009      SOUTH        29.62860
## 2281        2 2010      SOUTH        32.50000
## 2282        3 2011      SOUTH        33.66000
## 2283        4 2012      SOUTH        53.25000
## 2284        5 2013      SOUTH        39.05000
## 2285        1 2009      SOUTH         8.31040
## 2286        2 2010      SOUTH        11.02000
## 2287        3 2011      SOUTH         9.88000
## 2288        4 2012      SOUTH        11.60000
## 2289        5 2013      SOUTH        13.44000
## 2290        1 2009      SOUTH         5.01600
## 2291        2 2010      SOUTH         7.54000
## 2292        3 2011      SOUTH        15.12000
## 2293        4 2012      SOUTH        23.37000
## 2294        5 2013      SOUTH        20.24000
## 2295        1 2009      SOUTH        32.36310
## 2296        2 2010      SOUTH        17.49000
## 2297        3 2011      SOUTH        25.44000
## 2298        4 2012      SOUTH        36.96000
## 2299        5 2013      SOUTH        24.44000
## 2300        1 2009      SOUTH         7.70000
## 2301        2 2010      SOUTH         7.13000
## 2302        3 2011      SOUTH         6.38000
## 2303        4 2012      SOUTH         3.57000
```

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## 2304      5 2013    SOUTH      12.60000
## 2305      1 2009    SOUTH       4.41000
## 2306      2 2010    SOUTH       7.28000
## 2307      3 2011    SOUTH       9.28000
## 2308      4 2012    SOUTH       8.99000
## 2309      5 2013    SOUTH      17.63000
## 2310      1 2009    SOUTH       3.31800
## 2311      2 2010    SOUTH       4.20000
## 2312      3 2011    SOUTH       4.62000
## 2313      4 2012    SOUTH            NA
## 2314      5 2013    SOUTH            NA
## 2315      1 2009    SOUTH       3.88500
## 2316      2 2010    SOUTH       5.98000
## 2317      3 2011    SOUTH            NA
## 2318      4 2012    SOUTH       8.40000
## 2319      5 2013    SOUTH            NA
## 2320      1 2009    SOUTH      17.16000
## 2321      2 2010    SOUTH      17.48000
## 2322      3 2011    SOUTH       5.28000
## 2323      4 2012    SOUTH      14.04000
## 2324      5 2013    SOUTH      14.26000
## 2325      1 2009    SOUTH      18.45000
## 2326      2 2010    SOUTH      19.20000
## 2327      3 2011    SOUTH      22.56000
## 2328      4 2012    SOUTH      29.70000
## 2329      5 2013    SOUTH      24.50000
## 2330      1 2009    SOUTH       3.52000
## 2331      2 2010    SOUTH       3.40000
## 2332      3 2011    SOUTH       7.56000
## 2333      4 2012    SOUTH      10.20000
## 2334      5 2013    SOUTH       7.82000
## 2335      1 2009    SOUTH       8.68000
## 2336      2 2010    SOUTH       7.56000
## 2337      3 2011    SOUTH      14.40000
## 2338      4 2012    SOUTH      13.20000
## 2339      5 2013    SOUTH      10.85000
## 2340      1 2009    SOUTH       8.06000
## 2341      2 2010    SOUTH      11.20000
## 2342      3 2011    SOUTH      11.10000
## 2343      4 2012    SOUTH            NA
## 2344      5 2013    SOUTH      13.86000
## 2345      1 2009    SOUTH      10.92420
## 2346      2 2010    SOUTH       7.56000
## 2347      3 2011    SOUTH       5.51000
## 2348      4 2012    SOUTH            NA
## 2349      5 2013    SOUTH            NA
## 2350      1 2009    SOUTH       1.50000
## 2351      2 2010    SOUTH       1.89000
## 2352      3 2011    SOUTH       2.10000
## 2353      4 2012    SOUTH       2.88000
## 2354      5 2013    SOUTH       8.99000
## 2355      1 2009    SOUTH       2.85000
## 2356      2 2010    SOUTH       2.25000
## 2357      3 2011    SOUTH       1.35000
```

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## 2358       4 2012    SOUTH     3.45000
## 2359       5 2013    SOUTH     3.06000
## 2360       1 2009    SOUTH     6.00000
## 2361       2 2010    SOUTH     7.89610
## 2362       3 2011    SOUTH    10.64000
## 2363       4 2012    SOUTH    10.73000
## 2364       5 2013    SOUTH    23.78000
## 2365       1 2009    SOUTH     8.40000
## 2366       2 2010    SOUTH     7.29000
## 2367       3 2011    SOUTH    11.22000
## 2368       4 2012    SOUTH    13.05000
## 2369       5 2013    SOUTH    16.92000
## 2370       1 2009    SOUTH     2.09000
## 2371       2 2010    SOUTH     1.71610
## 2372       3 2011    SOUTH     3.60000
## 2373       4 2012    SOUTH     3.80000
## 2374       5 2013    SOUTH     4.62000
## 2375       1 2009    SOUTH     4.11080
## 2376       2 2010    SOUTH     4.41000
## 2377       3 2011    SOUTH     5.72000
## 2378       4 2012    SOUTH     1.56000
## 2379       5 2013    SOUTH     2.88000
## 2380       1 2009    SOUTH     1.89000
## 2381       2 2010    SOUTH     5.76000
## 2382       3 2011    SOUTH     9.00000
## 2383       4 2012    SOUTH     3.20000
## 2384       5 2013    SOUTH     5.75000
## 2385       1 2009    SOUTH    13.68000
## 2386       2 2010    SOUTH    16.81000
## 2387       3 2011    SOUTH    24.38000
## 2388       4 2012    SOUTH    11.70000
## 2389       5 2013    SOUTH    10.56000
## 2390       1 2009    SOUTH     7.80000
## 2391       2 2010    SOUTH     4.84000
## 2392       3 2011    SOUTH     8.58000
## 2393       4 2012    SOUTH     2.24000
## 2394       5 2013    SOUTH          NA
## 2395       1 2009    SOUTH     8.21500
## 2396       2 2010    SOUTH    26.01000
## 2397       3 2011    SOUTH    18.13000
## 2398       4 2012    SOUTH    16.28000
## 2399       5 2013    SOUTH    19.38000
## 2400       1 2009    SOUTH     8.05000
## 2401       2 2010    SOUTH    11.22000
## 2402       3 2011    SOUTH     8.96000
## 2403       4 2012    SOUTH     9.43500
## 2404       5 2013    SOUTH     5.98000
## 2405       1 2009    SOUTH     7.00000
## 2406       2 2010    SOUTH     9.00000
## 2407       3 2011    SOUTH     7.83000
## 2408       4 2012    SOUTH     4.80000
## 2409       5 2013    SOUTH     8.91000
## 2410       1 2009    SOUTH     4.94500
## 2411       2 2010    SOUTH     7.92000
```

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## 2412         3 2011    SOUTH      6.16000
## 2413         4 2012    SOUTH      3.67500
## 2414         5 2013    SOUTH      5.04000
## 2415         1 2009    SOUTH     11.20000
## 2416         2 2010    SOUTH     11.52000
## 2417         3 2011    SOUTH     18.45000
## 2418         4 2012    SOUTH     11.72500
## 2419         5 2013    SOUTH      4.62000
## 2420         1 2009    SOUTH      7.68000
## 2421         2 2010    SOUTH      6.50000
## 2422         3 2011    SOUTH      6.09000
## 2423         4 2012    SOUTH      5.87500
## 2424         5 2013    SOUTH      6.50000
## 2425         1 2009    SOUTH      4.90000
## 2426         2 2010    SOUTH      7.25000
## 2427         3 2011    SOUTH      8.28000
## 2428         4 2012    SOUTH     10.56000
## 2429         5 2013    SOUTH      7.75000
## 2430         1 2009    SOUTH      3.23000
## 2431         2 2010    SOUTH      1.95000
## 2432         3 2011    SOUTH      2.55000
## 2433         4 2012    SOUTH      1.59500
## 2434         5 2013    SOUTH      0.88000
## 2435         1 2009    SOUTH      7.20000
## 2436         2 2010    SOUTH      4.68000
## 2437         3 2011    SOUTH      2.66000
## 2438         4 2012    SOUTH      3.45000
## 2439         5 2013    SOUTH      2.55000
## 2440         1 2009    SOUTH      2.88000
## 2441         2 2010    SOUTH      7.44000
## 2442         3 2011    SOUTH      2.08000
## 2443         4 2012    SOUTH      0.60000
## 2444         5 2013    SOUTH      2.08000
## 2445         1 2009    SOUTH      8.06000
## 2446         2 2010    SOUTH      7.44000
## 2447         3 2011    SOUTH      9.60000
## 2448         4 2012    SOUTH      7.68500
## 2449         5 2013    SOUTH      6.44000
## 2450         1 2009    SOUTH      1.43000
## 2451         2 2010    SOUTH      1.38000
## 2452         3 2011    SOUTH      0.99000
## 2453         4 2012    SOUTH      1.32000
## 2454         5 2013    SOUTH      2.88000
## 2455         1 2009    SOUTH     10.80000
## 2456         2 2010    SOUTH     14.76300
## 2457         3 2011    SOUTH     15.17000
## 2458         4 2012    SOUTH      7.14000
## 2459         5 2013    SOUTH     11.16000
## 2460         1 2009    SOUTH      0.88000
## 2461         2 2010    SOUTH      1.08000
## 2462         3 2011    SOUTH      1.68000
## 2463         4 2012    SOUTH      5.25000
## 2464         5 2013    SOUTH      2.60000
## 2465         1 2009    SOUTH      9.52000
```

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## 2466    2 2010    SOUTH    11.52400
## 2467    3 2011    SOUTH    10.73000
## 2468    4 2012    SOUTH     9.60000
## 2469    5 2013    SOUTH    13.68000
## 2470    1 2009    SOUTH     1.63350
## 2471    2 2010    SOUTH     1.66800
## 2472    3 2011    SOUTH     2.38000
## 2473    4 2012    SOUTH     1.40000
## 2474    5 2013    SOUTH     1.32000
## 2475    1 2009    SOUTH     8.64000
## 2476    2 2010    SOUTH     6.00240
## 2477    3 2011    SOUTH     7.25000
## 2478    4 2012    SOUTH     2.88000
## 2479    5 2013    SOUTH    10.23000
## 2480    1 2009    SOUTH     4.71750
## 2481    2 2010    SOUTH     5.44000
## 2482    3 2011    SOUTH     4.68000
## 2483    4 2012    SOUTH     3.60000
## 2484    5 2013    SOUTH     4.18000
## 2485    1 2009    SOUTH     6.52500
## 2486    2 2010    SOUTH     2.08000
## 2487    3 2011    SOUTH     2.25000
## 2488    4 2012    SOUTH     0.48000
## 2489    5 2013    SOUTH     1.08000
## 2490    1 2009    SOUTH     3.78000
## 2491    2 2010    SOUTH     4.20000
## 2492    3 2011    SOUTH     4.20000
## 2493    4 2012    SOUTH     3.23000
## 2494    5 2013    SOUTH     3.78000
## 2495    1 2009    SOUTH     0.80500
## 2496    2 2010    SOUTH     0.76500
## 2497    3 2011    SOUTH     7.20000
## 2498    4 2012    SOUTH          NA
## 2499    5 2013    SOUTH          NA
## 2500    1 2009    SOUTH     3.78000
## 2501    2 2010    SOUTH     2.40000
## 2502    3 2011    SOUTH     3.00000
## 2503    4 2012    SOUTH     1.49500
## 2504    5 2013    SOUTH     3.61000
## 2505    1 2009    SOUTH    19.60000
## 2506    2 2010    SOUTH    21.42000
## 2507    3 2011    SOUTH    40.42000
## 2508    4 2012    SOUTH    13.33000
## 2509    5 2013    SOUTH    30.60000
## 2510    1 2009    SOUTH    19.98000
## 2511    2 2010    SOUTH    24.80000
## 2512    3 2011    SOUTH    39.05000
## 2513    4 2012    SOUTH    24.91000
## 2514    5 2013    SOUTH    35.38000
## 2515    1 2009    SOUTH     8.64000
## 2516    2 2010    SOUTH     1.00000
## 2517    3 2011    SOUTH     2.16000
## 2518    4 2012    SOUTH          NA
## 2519    5 2013    SOUTH          NA
```

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## 2520      1 2009     SOUTH      1.25000
## 2521      2 2010     SOUTH      1.95000
## 2522      3 2011     SOUTH      2.34000
## 2523      4 2012     SOUTH      1.43000
## 2524      5 2013     SOUTH           NA
## 2525      1 2009     SOUTH      3.14500
## 2526      2 2010     SOUTH      5.50000
## 2527      3 2011     SOUTH      3.15000
## 2528      4 2012     SOUTH      9.00000
## 2529      5 2013     SOUTH      4.83000
## 2530      1 2009     SOUTH      3.67500
## 2531      2 2010     SOUTH      4.62000
## 2532      3 2011     SOUTH      3.20000
## 2533      4 2012     SOUTH      8.10000
## 2534      5 2013     SOUTH      5.25000
## 2535      1 2009     SOUTH      7.68000
## 2536      2 2010     SOUTH     10.56000
## 2537      3 2011     SOUTH     13.33000
## 2538      4 2012     SOUTH     14.43000
## 2539      5 2013     SOUTH     14.04000
## 2540      1 2009     SOUTH      5.80000
## 2541      2 2010     SOUTH      9.24000
## 2542      3 2011     SOUTH     11.52000
## 2543      4 2012     SOUTH     14.43000
## 2544      5 2013     SOUTH      8.68000
## 2545      1 2009     SOUTH     17.00000
## 2546      2 2010     SOUTH      9.18000
## 2547      3 2011     SOUTH     15.05000
## 2548      4 2012     SOUTH     22.00000
## 2549      5 2013     SOUTH     23.32000
## 2550      1 2009     SOUTH      5.51250
## 2551      2 2010     SOUTH     11.52000
## 2552      3 2011     SOUTH     12.58000
## 2553      4 2012     SOUTH     24.50000
## 2554      5 2013     SOUTH     17.63000
## 2555      1 2009     SOUTH      6.78500
## 2556      2 2010     SOUTH     10.23000
## 2557      3 2011     SOUTH     13.12000
## 2558      4 2012     SOUTH     16.28000
## 2559      5 2013     SOUTH     17.63000
## 2560      1 2009     SOUTH     10.26000
## 2561      2 2010     SOUTH     11.84000
## 2562      3 2011     SOUTH     13.20000
## 2563      4 2012     SOUTH     18.80000
## 2564      5 2013     SOUTH     13.52000
## 2565      1 2009     SOUTH      2.72000
## 2566      2 2010     SOUTH      5.29000
## 2567      3 2011     SOUTH      7.25000
## 2568      4 2012     SOUTH      9.30000
## 2569      5 2013     SOUTH      5.25000
## 2570      1 2009     SOUTH     40.15000
## 2571      2 2010     SOUTH     47.57000
## 2572      3 2011     SOUTH     27.00000
## 2573      4 2012     SOUTH     60.00000
```

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## 2574     5 2013     SOUTH     37.95000
## 2575     1 2009     SOUTH      3.72000
## 2576     2 2010     SOUTH     17.80200
## 2577     3 2011     SOUTH     27.44000
## 2578     4 2012     SOUTH     27.50000
## 2579     5 2013     SOUTH     34.02000
## 2580     1 2009     SOUTH      7.44000
## 2581     2 2010     SOUTH      8.00000
## 2582     3 2011     SOUTH     16.38000
## 2583     4 2012     SOUTH     15.60000
## 2584     5 2013     SOUTH     12.95000
## 2585     1 2009     SOUTH      9.72000
## 2586     2 2010     SOUTH     12.14010
## 2587     3 2011     SOUTH     12.24000
## 2588     4 2012     SOUTH     23.46000
## 2589     5 2013     SOUTH     16.34000
## 2590     1 2009     SOUTH      3.38000
## 2591     2 2010     SOUTH      6.90000
## 2592     3 2011     SOUTH      3.99000
## 2593     4 2012     SOUTH     12.16000
## 2594     5 2013     SOUTH      5.52000
## 2595     1 2009     SOUTH      3.69000
## 2596     2 2010     SOUTH      7.75000
## 2597     3 2011     SOUTH      9.99000
## 2598     4 2012     SOUTH     28.42000
## 2599     5 2013     SOUTH     13.78000
## 2600     1 2009     SOUTH     13.26000
## 2601     2 2010     SOUTH     10.88000
## 2602     3 2011     SOUTH     17.16000
## 2603     4 2012     SOUTH     25.50000
## 2604     5 2013     SOUTH     20.67000
## 2605     1 2009     SOUTH     16.56000
## 2606     2 2010     SOUTH     15.58000
## 2607     3 2011     SOUTH     20.58000
## 2608     4 2012     SOUTH     51.75000
## 2609     5 2013     SOUTH     31.11000
## 2610     1 2009     SOUTH      4.72500
## 2611     2 2010     SOUTH      8.26500
## 2612     3 2011     SOUTH     11.55000
## 2613     4 2012     SOUTH     23.03000
## 2614     5 2013     SOUTH     11.52000
## 2615     1 2009     SOUTH      8.00000
## 2616     2 2010     SOUTH     12.92000
## 2617     3 2011     SOUTH     23.52000
## 2618     4 2012     SOUTH     20.21000
## 2619     5 2013     SOUTH     18.20000
## 2620     1 2009     SOUTH      9.86000
## 2621     2 2010     SOUTH     17.22000
## 2622     3 2011     SOUTH     21.84000
## 2623     4 2012     SOUTH     22.54000
## 2624     5 2013     SOUTH     23.46000
## 2625     1 2009     SOUTH      3.04000
## 2626     2 2010     SOUTH     12.60000
## 2627     3 2011     SOUTH      5.44000
```

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## 2628        4 2012    SOUTH      22.50000
## 2629        5 2013    SOUTH      15.05000
## 2630        1 2009    SOUTH       8.50000
## 2631        2 2010    SOUTH       8.40000
## 2632        3 2011    SOUTH      13.60000
## 2633        4 2012    SOUTH      19.00000
## 2634        5 2013    SOUTH      11.55000
## 2635        1 2009    SOUTH       7.22400
## 2636        2 2010    SOUTH       7.03000
## 2637        3 2011    SOUTH      12.09000
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## 2639        5 2013    SOUTH      14.76000
## 2640        1 2009    SOUTH      10.71000
## 2641        2 2010    SOUTH      20.09000
## 2642        3 2011    SOUTH       9.90000
## 2643        4 2012    SOUTH      31.86000
## 2644        5 2013    SOUTH      13.86000
## 2645        1 2009    SOUTH       3.85000
## 2646        2 2010    SOUTH       8.96000
## 2647        3 2011    SOUTH       5.75000
## 2648        4 2012    SOUTH      10.20000
## 2649        5 2013    SOUTH      12.16000
## 2650        1 2009    SOUTH      13.30420
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## 2652        3 2011    SOUTH       8.58000
## 2653        4 2012    SOUTH      33.00000
## 2654        5 2013    SOUTH      18.13000
## 2655        1 2009    SOUTH      13.54500
## 2656        2 2010    SOUTH       6.84000
## 2657        3 2011    SOUTH      14.35000
## 2658        4 2012    SOUTH      14.80000
## 2659        5 2013    SOUTH       4.93000
## 2660        1 2009    SOUTH       4.95000
## 2661        2 2010    SOUTH       4.25000
## 2662        3 2011    SOUTH      13.86000
## 2663        4 2012    SOUTH      17.50000
## 2664        5 2013    SOUTH      16.38000
## 2665        1 2009    SOUTH       7.83000
## 2666        2 2010    SOUTH       6.72000
## 2667        3 2011    SOUTH       9.86000
## 2668        4 2012    SOUTH      12.00000
## 2669        5 2013    SOUTH       8.37000
## 2670        1 2009    SOUTH       4.68000
## 2671        2 2010    SOUTH       7.80000
## 2672        3 2011    SOUTH       9.90000
## 2673        4 2012    SOUTH       9.60000
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## 2675        1 2009    SOUTH       6.90000
## 2676        2 2010    SOUTH       6.38000
## 2677        3 2011    SOUTH       4.32000
## 2678        4 2012    SOUTH      11.70000
## 2679        5 2013    SOUTH       3.78000
## 2680        1 2009    SOUTH       2.49750
## 2681        2 2010    SOUTH       2.21000
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## 2682      3 2011    SOUTH      2.24000
## 2683      4 2012    SOUTH      3.45000
## 2684      5 2013    SOUTH      2.88000
## 2685      1 2009    SOUTH      8.40000
## 2686      2 2010    SOUTH     15.60000
## 2687      3 2011    SOUTH     14.04000
## 2688      4 2012    SOUTH     18.00000
## 2689      5 2013    SOUTH     10.44000
## 2690      1 2009    SOUTH      6.09000
## 2691      2 2010    SOUTH      6.00000
## 2692      3 2011    SOUTH      8.99000
## 2693      4 2012    SOUTH     12.25000
## 2694      5 2013    SOUTH      6.21000
## 2695      1 2009    SOUTH      1.78250
## 2696      2 2010    SOUTH      3.80000
## 2697      3 2011    SOUTH      3.23000
## 2698      4 2012    SOUTH      7.50000
## 2699      5 2013    SOUTH      7.20000
## 2700      1 2009    SOUTH      8.91000
## 2701      2 2010    SOUTH     10.89000
## 2702      3 2011    SOUTH     17.16000
## 2703      4 2012    SOUTH     13.32000
## 2704      5 2013    SOUTH     14.70000
## 2705      1 2009    SOUTH      3.88500
## 2706      2 2010    SOUTH      5.46000
## 2707      3 2011    SOUTH      6.21000
## 2708      4 2012    SOUTH     10.50000
## 2709      5 2013    SOUTH      8.10000
## 2710      1 2009    SOUTH      1.08000
## 2711      2 2010    SOUTH      1.43000
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## 2713      4 2012    SOUTH      5.88000
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## 2718      4 2012    SOUTH     12.24000
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## 2724      5 2013    SOUTH      5.46000
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## 2726      2 2010    SOUTH     25.92000
## 2727      3 2011    SOUTH     23.97000
## 2728      4 2012    SOUTH     42.00000
## 2729      5 2013    SOUTH     21.93000
## 2730      1 2009    SOUTH     14.58000
## 2731      2 2010    SOUTH     13.12000
## 2732      3 2011    SOUTH     21.83000
## 2733      4 2012    SOUTH     28.50000
## 2734      5 2013    SOUTH     24.96000
## 2735      1 2009    SOUTH      2.43000
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## 2736    2 2010    SOUTH      6.00000
## 2737    3 2011    SOUTH      4.56000
## 2738    4 2012    SOUTH           NA
## 2739    5 2013    SOUTH      7.35000
## 2740    1 2009    SOUTH      2.14500
## 2741    2 2010    SOUTH      1.32000
## 2742    3 2011    SOUTH      2.85000
## 2743    4 2012    SOUTH      3.52000
## 2744    5 2013    SOUTH      3.20000
## 2745    1 2009    SOUTH      0.38480
## 2746    2 2010    SOUTH           NA
## 2747    3 2011    SOUTH           NA
## 2748    4 2012    SOUTH           NA
## 2749    5 2013    SOUTH           NA
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## 2752    3 2011 CENTRAL     14.35000
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## 2754    5 2013 CENTRAL      9.34400
## 2755    1 2009 CENTRAL     11.84000
## 2756    2 2010 CENTRAL      9.92000
## 2757    3 2011 CENTRAL     13.87500
## 2758    4 2012 CENTRAL     12.24000
## 2759    5 2013 CENTRAL     24.48000
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## 2761    2 2010 CENTRAL      6.48000
## 2762    3 2011 CENTRAL      7.83000
## 2763    4 2012 CENTRAL     10.88000
## 2764    5 2013 CENTRAL     10.91500
## 2765    1 2009 CENTRAL     25.97000
## 2766    2 2010 CENTRAL     19.74000
## 2767    3 2011 CENTRAL     25.48000
## 2768    4 2012 CENTRAL     24.48000
## 2769    5 2013 CENTRAL     29.14000
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## 2773    4 2012 CENTRAL     13.53000
## 2774    5 2013 CENTRAL     17.85600
## 2775    1 2009 CENTRAL      7.48000
## 2776    2 2010 CENTRAL      7.25000
## 2777    3 2011 CENTRAL      7.56000
## 2778    4 2012 CENTRAL      4.37000
## 2779    5 2013 CENTRAL      5.09600
## 2780    1 2009 CENTRAL     11.02000
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## 2783    4 2012 CENTRAL     15.58000
## 2784    5 2013 CENTRAL     28.56000
## 2785    1 2009 CENTRAL     10.15000
## 2786    2 2010 CENTRAL     13.68000
## 2787    3 2011 CENTRAL     13.50000
## 2788    4 2012 CENTRAL     19.74000
## 2789    5 2013 CENTRAL     23.40800
```

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## 2790       1 2009 CENTRAL     10.50000
## 2791       2 2010 CENTRAL     12.92000
## 2792       3 2011 CENTRAL     12.89750
## 2793       4 2012 CENTRAL     15.96000
## 2794       5 2013 CENTRAL     15.53630
## 2795       1 2009 CENTRAL      8.06000
## 2796       2 2010 CENTRAL      5.72000
## 2797       3 2011 CENTRAL      7.08000
## 2798       4 2012 CENTRAL      7.54000
## 2799       5 2013 CENTRAL     11.07600
## 2800       1 2009 CENTRAL      2.14320
## 2801       2 2010 CENTRAL      6.16000
## 2802       3 2011 CENTRAL      7.28000
## 2803       4 2012 CENTRAL     23.50000
## 2804       5 2013 CENTRAL     10.92000
## 2805       1 2009 CENTRAL      4.41000
## 2806       2 2010 CENTRAL     40.70000
## 2807       3 2011 CENTRAL      7.39500
## 2808       4 2012 CENTRAL     42.24000
## 2809       5 2013 CENTRAL     16.77000
## 2810       1 2009 CENTRAL     36.85000
## 2811       2 2010 CENTRAL     44.88000
## 2812       3 2011 CENTRAL     48.91000
## 2813       4 2012 CENTRAL     35.51000
## 2814       5 2013 CENTRAL     49.40000
## 2815       1 2009 CENTRAL     11.73000
## 2816       2 2010 CENTRAL      9.92000
## 2817       3 2011 CENTRAL      8.68000
## 2818       4 2012 CENTRAL     14.28000
## 2819       5 2013 CENTRAL     19.89000
## 2820       1 2009 CENTRAL      3.78000
## 2821       2 2010 CENTRAL      4.18000
## 2822       3 2011 CENTRAL      4.30000
## 2823       4 2012 CENTRAL      4.60000
## 2824       5 2013 CENTRAL      9.28000
## 2825       1 2009 CENTRAL      3.42000
## 2826       2 2010 CENTRAL      8.40000
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## 2828       4 2012 CENTRAL      9.30000
## 2829       5 2013 CENTRAL     11.78600
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## 2831       2 2010 CENTRAL     42.78000
## 2832       3 2011 CENTRAL     39.59000
## 2833       4 2012 CENTRAL     37.80000
## 2834       5 2013 CENTRAL     38.43000
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## 2836       2 2010 CENTRAL      3.60000
## 2837       3 2011 CENTRAL      6.12500
## 2838       4 2012 CENTRAL      6.60000
## 2839       5 2013 CENTRAL      5.67000
## 2840       1 2009 CENTRAL      5.28000
## 2841       2 2010 CENTRAL      6.72000
## 2842       3 2011 CENTRAL      7.20000
## 2843       4 2012 CENTRAL      7.50000
```

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## 2844      5 2013 CENTRAL   11.71200
## 2845      1 2009 CENTRAL    3.60000
## 2846      2 2010 CENTRAL    6.16000
## 2847      3 2011 CENTRAL    6.75000
## 2848      4 2012 CENTRAL    8.37000
## 2849      5 2013 CENTRAL   11.02000
## 2850      1 2009 CENTRAL    4.18000
## 2851      2 2010 CENTRAL    5.00000
## 2852      3 2011 CENTRAL    7.83000
## 2853      4 2012 CENTRAL    3.23000
## 2854      5 2013 CENTRAL    2.48000
## 2855      1 2009 CENTRAL    8.06000
## 2856      2 2010 CENTRAL   11.20000
## 2857      3 2011 CENTRAL   21.46500
## 2858      4 2012 CENTRAL   13.50000
## 2859      5 2013 CENTRAL   18.36000
## 2860      1 2009 CENTRAL    0.85500
## 2861      2 2010 CENTRAL    9.28000
## 2862      3 2011 CENTRAL   12.42000
## 2863      4 2012 CENTRAL    9.99000
## 2864      5 2013 CENTRAL   12.41000
## 2865      1 2009 CENTRAL    1.32000
## 2866      2 2010 CENTRAL    2.10000
## 2867      3 2011 CENTRAL    2.96000
## 2868      4 2012 CENTRAL    1.95000
## 2869      5 2013 CENTRAL    3.96000
## 2870      1 2009 CENTRAL    8.91000
## 2871      2 2010 CENTRAL   12.24000
## 2872      3 2011 CENTRAL   10.45000
## 2873      4 2012 CENTRAL   13.30000
## 2874      5 2013 CENTRAL   13.45500
## 2875      1 2009 CENTRAL    1.50000
## 2876      2 2010 CENTRAL    1.95000
## 2877      3 2011 CENTRAL    4.30500
## 2878      4 2012 CENTRAL    3.36000
## 2879      5 2013 CENTRAL    7.91700
## 2880      1 2009 CENTRAL    2.68380
## 2881      2 2010 CENTRAL    5.28000
## 2882      3 2011 CENTRAL    6.75000
## 2883      4 2012 CENTRAL    5.98000
## 2884      5 2013 CENTRAL    4.62000
## 2885      1 2009 CENTRAL    8.45000
## 2886      2 2010 CENTRAL   10.12000
## 2887      3 2011 CENTRAL   17.22000
## 2888      4 2012 CENTRAL   14.70000
## 2889      5 2013 CENTRAL   15.17000
## 2890      1 2009 CENTRAL    8.68000
## 2891      2 2010 CENTRAL   15.60000
## 2892      3 2011 CENTRAL   13.11000
## 2893      4 2012 CENTRAL   24.38000
## 2894      5 2013 CENTRAL   16.13850
## 2895      1 2009 CENTRAL    5.94000
## 2896      2 2010 CENTRAL    9.80000
## 2897      3 2011 CENTRAL   15.17000
```

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## 2898       4 2012 CENTRAL     17.39000
## 2899       5 2013 CENTRAL     15.96000
## 2900       1 2009 CENTRAL      3.76000
## 2901       2 2010 CENTRAL      1.56000
## 2902       3 2011 CENTRAL      9.35000
## 2903       4 2012 CENTRAL      6.24000
## 2904       5 2013 CENTRAL      4.96800
## 2905       1 2009 CENTRAL      1.61000
## 2906       2 2010 CENTRAL      1.56000
## 2907       3 2011 CENTRAL      3.74000
## 2908       4 2012 CENTRAL      5.40000
## 2909       5 2013 CENTRAL      6.60000
## 2910       1 2009 CENTRAL      0.68000
## 2911       2 2010 CENTRAL      0.76000
## 2912       3 2011 CENTRAL      1.26000
## 2913       4 2012 CENTRAL      3.99000
## 2914       5 2013 CENTRAL      2.88260
## 2915       1 2009 CENTRAL      1.53000
## 2916       2 2010 CENTRAL      2.40000
## 2917       3 2011 CENTRAL      3.51500
## 2918       4 2012 CENTRAL      7.54000
## 2919       5 2013 CENTRAL      5.88690
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## 2923       4 2012 CENTRAL      7.80000
## 2924       5 2013 CENTRAL      7.48800
## 2925       1 2009 CENTRAL     12.09000
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## 2928       4 2012 CENTRAL      7.26000
## 2929       5 2013 CENTRAL     13.95000
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## 2931       2 2010 CENTRAL      6.50000
## 2932       3 2011 CENTRAL     10.54000
## 2933       4 2012 CENTRAL      8.96000
## 2934       5 2013 CENTRAL      4.37000
## 2935       1 2009 CENTRAL      1.91800
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## 2938       4 2012 CENTRAL      5.50000
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## 2941       2 2010 CENTRAL      5.75000
## 2942       3 2011 CENTRAL      4.71500
## 2943       4 2012 CENTRAL      7.28000
## 2944       5 2013 CENTRAL      3.51000
## 2945       1 2009 CENTRAL     12.39750
## 2946       2 2010 CENTRAL     12.60000
## 2947       3 2011 CENTRAL     11.93500
## 2948       4 2012 CENTRAL      6.48000
## 2949       5 2013 CENTRAL      9.13500
## 2950       1 2009 CENTRAL     20.74070
## 2951       2 2010 CENTRAL     39.00000
```

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## 2953     4 2012 CENTRAL    24.96000
## 2954     5 2013 CENTRAL    33.92000
## 2955     1 2009 CENTRAL     0.72000
## 2956     2 2010 CENTRAL     1.50000
## 2957     3 2011 CENTRAL     3.06000
## 2958     4 2012 CENTRAL     5.52000
## 2959     5 2013 CENTRAL    11.22000
## 2960     1 2009 CENTRAL    15.48000
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## 2966     2 2010 CENTRAL    13.65000
## 2967     3 2011 CENTRAL    21.07000
## 2968     4 2012 CENTRAL    18.70000
## 2969     5 2013 CENTRAL    19.78000
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## 2973     4 2012 CENTRAL     8.64000
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## 2977     3 2011 CENTRAL    22.95000
## 2978     4 2012 CENTRAL    40.20000
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## 2980     1 2009 CENTRAL     4.83000
## 2981     2 2010 CENTRAL     8.40000
## 2982     3 2011 CENTRAL     7.83000
## 2983     4 2012 CENTRAL    11.90000
## 2984     5 2013 CENTRAL    22.08000
## 2985     1 2009 CENTRAL    16.56000
## 2986     2 2010 CENTRAL    16.28000
## 2987     3 2011 CENTRAL    13.76000
## 2988     4 2012 CENTRAL    10.20000
## 2989     5 2013 CENTRAL    24.48000
## 2990     1 2009 CENTRAL     5.40500
## 2991     2 2010 CENTRAL     4.75000
## 2992     3 2011 CENTRAL     5.98000
## 2993     4 2012 CENTRAL     6.50000
## 2994     5 2013 CENTRAL    14.43000
## 2995     1 2009 CENTRAL    17.16000
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## 2997     3 2011 CENTRAL    16.80000
## 2998     4 2012 CENTRAL     3.91000
## 2999     5 2013 CENTRAL    21.12000
## 3000     1 2009 CENTRAL    18.17000
## 3001     2 2010 CENTRAL     4.68000
## 3002     3 2011 CENTRAL     5.40000
## 3003     4 2012 CENTRAL     3.96000
## 3004     5 2013 CENTRAL     9.60000
## 3005     1 2009 CENTRAL     8.37000
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## 3006       2 2010 CENTRAL       10.50000
## 3007       3 2011 CENTRAL        8.68000
## 3008       4 2012 CENTRAL        8.12000
## 3009       5 2013 CENTRAL       14.44000
## 3010       1 2009 CENTRAL        4.60000
## 3011       2 2010 CENTRAL       17.63000
## 3012       3 2011 CENTRAL       22.95000
## 3013       4 2012 CENTRAL       30.25000
## 3014       5 2013 CENTRAL       32.24000
## 3015       1 2009 CENTRAL       22.36000
## 3016       2 2010 CENTRAL       15.48000
## 3017       3 2011 CENTRAL        9.46000
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## 3019       5 2013 CENTRAL       28.60000
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## 3022       3 2011 CENTRAL        4.64000
## 3023       4 2012 CENTRAL        4.56000
## 3024       5 2013 CENTRAL       11.20000
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## 3026       2 2010 CENTRAL        7.68000
## 3027       3 2011 CENTRAL        8.40000
## 3028       4 2012 CENTRAL        5.04000
## 3029       5 2013 CENTRAL       19.11000
## 3030       1 2009 CENTRAL        7.44000
## 3031       2 2010 CENTRAL       13.87500
## 3032       3 2011 CENTRAL        9.45000
## 3033       4 2012 CENTRAL             NA
## 3034       5 2013 CENTRAL             NA
## 3035       1 2009 CENTRAL        7.14000
## 3036       2 2010 CENTRAL        3.80000
## 3037       3 2011 CENTRAL       10.22000
## 3038       4 2012 CENTRAL       10.14000
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## 3041       2 2010 CENTRAL       48.36000
## 3042       3 2011 CENTRAL       67.20000
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## 3044       5 2013 CENTRAL       46.74000
## 3045       1 2009 CENTRAL       38.08000
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## 3047       3 2011 CENTRAL       35.51000
## 3048       4 2012 CENTRAL       28.67000
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## 3050       1 2009 CENTRAL       22.04000
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## 3052       3 2011 CENTRAL        7.56000
## 3053       4 2012 CENTRAL        9.24000
## 3054       5 2013 CENTRAL       20.91000
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## 3056       2 2010 CENTRAL        5.40500
## 3057       3 2011 CENTRAL        8.40000
## 3058       4 2012 CENTRAL        7.54000
## 3059       5 2013 CENTRAL       21.12000
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## 3062       3 2011 CENTRAL    5.32000
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## 3065       1 2009 CENTRAL    5.04000
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## 3068       4 2012 CENTRAL   13.20000
## 3069       5 2013 CENTRAL   23.92000
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## 3071       2 2010 CENTRAL    0.60000
## 3072       3 2011 CENTRAL    0.90000
## 3073       4 2012 CENTRAL    6.00000
## 3074       5 2013 CENTRAL    6.50000
## 3075       1 2009 CENTRAL    1.72500
## 3076       2 2010 CENTRAL    3.20000
## 3077       3 2011 CENTRAL    6.82000
## 3078       4 2012 CENTRAL   10.88000
## 3079       5 2013 CENTRAL   19.20000
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## 3081       2 2010 CENTRAL    2.40000
## 3082       3 2011 CENTRAL    2.40500
## 3083       4 2012 CENTRAL    1.43000
## 3084       5 2013 CENTRAL         NA
## 3085       1 2009 CENTRAL    5.25000
## 3086       2 2010 CENTRAL    5.25000
## 3087       3 2011 CENTRAL    6.12500
## 3088       4 2012 CENTRAL    6.62500
## 3089       5 2013 CENTRAL    9.30000
## 3090       1 2009 CENTRAL    2.47000
## 3091       2 2010 CENTRAL    3.78000
## 3092       3 2011 CENTRAL    3.70500
## 3093       4 2012 CENTRAL    1.68000
## 3094       5 2013 CENTRAL    6.16000
## 3095       1 2009 CENTRAL    1.26500
## 3096       2 2010 CENTRAL    1.56000
## 3097       3 2011 CENTRAL    2.38000
## 3098       4 2012 CENTRAL    3.60000
## 3099       5 2013 CENTRAL    6.76000
## 3100       1 2009 CENTRAL    3.40000
## 3101       2 2010 CENTRAL    3.96000
## 3102       3 2011 CENTRAL    5.50000
## 3103       4 2012 CENTRAL    4.75000
## 3104       5 2013 CENTRAL    7.25000
## 3105       1 2009 CENTRAL    0.27500
## 3106       2 2010 CENTRAL    0.32000
## 3107       3 2011 CENTRAL    0.30000
## 3108       4 2012 CENTRAL    1.54000
## 3109       5 2013 CENTRAL    2.21000
## 3110       1 2009 CENTRAL    3.50000
## 3111       2 2010 CENTRAL    3.99000
## 3112       3 2011 CENTRAL    5.50000
## 3113       4 2012 CENTRAL    4.62000
```

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## 3114    5 2013 CENTRAL     9.92000
## 3115    1 2009 CENTRAL     2.80000
## 3116    2 2010 CENTRAL     2.89000
## 3117    3 2011 CENTRAL     5.46000
## 3118    4 2012 CENTRAL     6.72000
## 3119    5 2013 CENTRAL    11.47000
## 3120    1 2009 CENTRAL     1.65000
## 3121    2 2010 CENTRAL     1.56000
## 3122    3 2011 CENTRAL     3.06000
## 3123    4 2012 CENTRAL     2.52000
## 3124    5 2013 CENTRAL     6.21000
## 3125    1 2009 CENTRAL     1.37500
## 3126    2 2010 CENTRAL     2.56000
## 3127    3 2011 CENTRAL     2.40000
## 3128    4 2012 CENTRAL     3.60000
## 3129    5 2013 CENTRAL     6.72000
## 3130    1 2009 CENTRAL     1.43000
## 3131    2 2010 CENTRAL     2.55000
## 3132    3 2011 CENTRAL     1.74000
## 3133    4 2012 CENTRAL     1.54000
## 3134    5 2013 CENTRAL     3.60000
## 3135    1 2009 CENTRAL     5.86500
## 3136    2 2010 CENTRAL     7.44000
## 3137    3 2011 CENTRAL     8.40000
## 3138    4 2012 CENTRAL     6.00000
## 3139    5 2013 CENTRAL    12.60000
## 3140    1 2009 CENTRAL     9.54000
## 3141    2 2010 CENTRAL    13.60000
## 3142    3 2011 CENTRAL    27.50000
## 3143    4 2012 CENTRAL    29.12000
## 3144    5 2013 CENTRAL    53.76000
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## 3146    2 2010 CENTRAL     1.80000
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## 3148    4 2012 CENTRAL     3.80000
## 3149    5 2013 CENTRAL     6.38000
## 3150    1 2009 CENTRAL     0.76000
## 3151    2 2010 CENTRAL     0.76500
## 3152    3 2011 CENTRAL     1.00800
## 3153    4 2012 CENTRAL          NA
## 3154    5 2013 CENTRAL          NA
## 3155    1 2009 CENTRAL     1.03500
## 3156    2 2010 CENTRAL     1.32000
## 3157    3 2011 CENTRAL     1.08000
## 3158    4 2012 CENTRAL     2.88000
## 3159    5 2013 CENTRAL     2.88000
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## 3162    3 2011 CENTRAL    28.80000
## 3163    4 2012 CENTRAL    19.27000
## 3164    5 2013 CENTRAL    38.43000
## 3165    1 2009 CENTRAL    20.80000
## 3166    2 2010 CENTRAL    19.45800
## 3167    3 2011 CENTRAL    16.50000
```

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## 3168       4 2012 CENTRAL     24.19000
## 3169       5 2013 CENTRAL     35.36000
## 3170       1 2009 CENTRAL      7.65000
## 3171       2 2010 CENTRAL     10.56000
## 3172       3 2011 CENTRAL     22.88000
## 3173       4 2012 CENTRAL     17.55000
## 3174       5 2013 CENTRAL     33.15000
## 3175       1 2009 CENTRAL      5.14500
## 3176       2 2010 CENTRAL     11.22000
## 3177       3 2011 CENTRAL     11.00000
## 3178       4 2012 CENTRAL     13.60000
## 3179       5 2013 CENTRAL     17.48000
## 3180       1 2009 CENTRAL      8.34750
## 3181       2 2010 CENTRAL      9.30000
## 3182       3 2011 CENTRAL     10.08000
## 3183       4 2012 CENTRAL     13.76000
## 3184       5 2013 CENTRAL     20.24000
## 3185       1 2009 CENTRAL     11.60000
## 3186       2 2010 CENTRAL     20.70000
## 3187       3 2011 CENTRAL     29.16000
## 3188       4 2012 CENTRAL     20.68000
## 3189       5 2013 CENTRAL     39.06000
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## 3191       2 2010 CENTRAL     18.06000
## 3192       3 2011 CENTRAL     26.40000
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## 3194       5 2013 CENTRAL     18.92000
## 3195       1 2009 CENTRAL     10.54000
## 3196       2 2010 CENTRAL     12.60000
## 3197       3 2011 CENTRAL     11.88000
## 3198       4 2012 CENTRAL     22.50000
## 3199       5 2013 CENTRAL     22.08000
## 3200       1 2009 CENTRAL     15.54000
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## 3202       3 2011 CENTRAL     33.70500
## 3203       4 2012 CENTRAL     31.32000
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## 3209       5 2013 CENTRAL     13.80000
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## 3211       2 2010 CENTRAL      4.18000
## 3212       3 2011 CENTRAL      8.64000
## 3213       4 2012 CENTRAL      4.40000
## 3214       5 2013 CENTRAL      7.28000
## 3215       1 2009 CENTRAL      2.28000
## 3216       2 2010 CENTRAL      2.04000
## 3217       3 2011 CENTRAL      3.20000
## 3218       4 2012 CENTRAL      3.52000
## 3219       5 2013 CENTRAL      5.28000
## 3220       1 2009 CENTRAL      8.99000
## 3221       2 2010 CENTRAL      7.25000
```

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## 3223      4 2012 CENTRAL       5.94000
## 3224      5 2013 CENTRAL            NA
## 3225      1 2009 CENTRAL      14.08000
## 3226      2 2010 CENTRAL      13.94000
## 3227      3 2011 CENTRAL            NA
## 3228      4 2012 CENTRAL      24.20000
## 3229      5 2013 CENTRAL            NA
## 3230      1 2009 CENTRAL       3.91000
## 3231      2 2010 CENTRAL       7.02000
## 3232      3 2011 CENTRAL       5.72000
## 3233      4 2012 CENTRAL            NA
## 3234      5 2013 CENTRAL            NA
## 3235      1 2009 CENTRAL       7.84000
## 3236      2 2010 CENTRAL            NA
## 3237      3 2011 CENTRAL      50.92000
## 3238      4 2012 CENTRAL      46.02000
## 3239      5 2013 CENTRAL      68.89000
## 3240      1 2009 CENTRAL      25.96000
## 3241      2 2010 CENTRAL      28.62000
## 3242      3 2011 CENTRAL      29.58000
## 3243      4 2012 CENTRAL            NA
## 3244      5 2013 CENTRAL      40.92000
## 3245      1 2009 CENTRAL       2.34000
## 3246      2 2010 CENTRAL       4.71500
## 3247      3 2011 CENTRAL       5.72000
## 3248      4 2012 CENTRAL       5.52000
## 3249      5 2013 CENTRAL       6.25000
## 3250      1 2009 CENTRAL       2.70000
## 3251      2 2010 CENTRAL       5.17500
## 3252      3 2011 CENTRAL       6.48000
## 3253      4 2012 CENTRAL       4.60000
## 3254      5 2013 CENTRAL       9.92000
## 3255      1 2009 CENTRAL       7.56000
## 3256      2 2010 CENTRAL       4.14000
## 3257      3 2011 CENTRAL       5.75000
## 3258      4 2012 CENTRAL       7.56000
## 3259      5 2013 CENTRAL            NA
## 3260      1 2009 CENTRAL       6.21000
## 3261      2 2010 CENTRAL       6.89000
## 3262      3 2011 CENTRAL       7.15000
## 3263      4 2012 CENTRAL       9.52000
## 3264      5 2013 CENTRAL      15.12000
## 3265      1 2009 CENTRAL      14.57000
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## 3267      3 2011 CENTRAL      14.52000
## 3268      4 2012 CENTRAL      19.60000
## 3269      5 2013 CENTRAL      12.92000
## 3270      1 2009 CENTRAL       4.27500
## 3271      2 2010 CENTRAL       3.40000
## 3272      3 2011 CENTRAL       2.83800
## 3273      4 2012 CENTRAL       1.65000
## 3274      5 2013 CENTRAL       2.21000
## 3275      1 2009 CENTRAL       8.70000
```

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## 3276    2 2010 CENTRAL     3.06000
## 3277    3 2011 CENTRAL     4.60000
## 3278    4 2012 CENTRAL     5.06000
## 3279    5 2013 CENTRAL     3.24000
## 3280    1 2009 CENTRAL     4.50000
## 3281    2 2010 CENTRAL     5.67000
## 3282    3 2011 CENTRAL     3.06000
## 3283    4 2012 CENTRAL     4.20000
## 3284    5 2013 CENTRAL     5.75000
## 3285    1 2009 CENTRAL     3.89500
## 3286    2 2010 CENTRAL     0.77000
## 3287    3 2011 CENTRAL     0.70000
## 3288    4 2012 CENTRAL     0.77000
## 3289    5 2013 CENTRAL          NA
## 3290    1 2009 CENTRAL     7.54000
## 3291    2 2010 CENTRAL     2.38000
## 3292    3 2011 CENTRAL     2.52000
## 3293    4 2012 CENTRAL     2.85000
## 3294    5 2013 CENTRAL     2.55000
## 3295    1 2009 CENTRAL     3.12000
## 3296    2 2010 CENTRAL     2.40000
## 3297    3 2011 CENTRAL     1.92000
## 3298    4 2012 CENTRAL     5.60000
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## 3302    3 2011 CENTRAL     7.00000
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## 3305    1 2009 CENTRAL     5.11000
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## 3309    5 2013 CENTRAL     1.56000
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## 3312    3 2011 CENTRAL     2.70000
## 3313    4 2012 CENTRAL     2.16000
## 3314    5 2013 CENTRAL     1.20000
## 3315    1 2009 CENTRAL     8.96000
## 3316    2 2010 CENTRAL     3.90000
## 3317    3 2011 CENTRAL    10.20000
## 3318    4 2012 CENTRAL     4.60000
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## 3322    3 2011 CENTRAL    11.90000
## 3323    4 2012 CENTRAL     6.93000
## 3324    5 2013 CENTRAL     5.28000
## 3325    1 2009 CENTRAL     1.35000
## 3326    2 2010 CENTRAL     0.66500
## 3327    3 2011 CENTRAL     1.10000
## 3328    4 2012 CENTRAL     2.34000
## 3329    5 2013 CENTRAL     2.24000
```

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## 3330      1 2009 CENTRAL   11.02000
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## 3332      3 2011 CENTRAL   13.26000
## 3333      4 2012 CENTRAL    8.96000
## 3334      5 2013 CENTRAL   13.30000
## 3335      1 2009 CENTRAL    2.03280
## 3336      2 2010 CENTRAL    2.10000
## 3337      3 2011 CENTRAL    3.20000
## 3338      4 2012 CENTRAL    3.99000
## 3339      5 2013 CENTRAL    3.80000
## 3340      1 2009 CENTRAL    1.46050
## 3341      2 2010 CENTRAL    1.82000
## 3342      3 2011 CENTRAL    2.08000
## 3343      4 2012 CENTRAL    2.38000
## 3344      5 2013 CENTRAL    3.06000
## 3345      1 2009 CENTRAL    0.28000
## 3346      2 2010 CENTRAL    0.96000
## 3347      3 2011 CENTRAL    1.08000
## 3348      4 2012 CENTRAL    1.32000
## 3349      5 2013 CENTRAL    2.56000
## 3350      1 2009 CENTRAL    1.80000
## 3351      2 2010 CENTRAL    2.17500
## 3352      3 2011 CENTRAL    2.80000
## 3353      4 2012 CENTRAL    1.62500
## 3354      5 2013 CENTRAL    3.60000
## 3355      1 2009 CENTRAL    2.72000
## 3356      2 2010 CENTRAL    4.20000
## 3357      3 2011 CENTRAL    4.18000
## 3358      4 2012 CENTRAL    0.99000
## 3359      5 2013 CENTRAL    3.61000
## 3360      1 2009 CENTRAL    0.66000
## 3361      2 2010 CENTRAL    1.56000
## 3362      3 2011 CENTRAL    1.17000
## 3363      4 2012 CENTRAL    1.80000
## 3364      5 2013 CENTRAL    2.88000
## 3365      1 2009 CENTRAL    0.30000
## 3366      2 2010 CENTRAL    0.80000
## 3367      3 2011 CENTRAL    1.32000
## 3368      4 2012 CENTRAL    1.15000
## 3369      5 2013 CENTRAL    2.56000
## 3370      1 2009 CENTRAL    0.45500
## 3371      2 2010 CENTRAL         NA
## 3372      3 2011 CENTRAL    0.36000
## 3373      4 2012 CENTRAL         NA
## 3374      5 2013 CENTRAL         NA
## 3375      1 2009 CENTRAL   19.04000
## 3376      2 2010 CENTRAL   25.97000
## 3377      3 2011 CENTRAL   24.96000
## 3378      4 2012 CENTRAL   30.09000
## 3379      5 2013 CENTRAL   30.24000
## 3380      1 2009 CENTRAL    5.13000
## 3381      2 2010 CENTRAL    8.68000
## 3382      3 2011 CENTRAL    6.80000
## 3383      4 2012 CENTRAL    3.99000
```

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## 3384        5 2013 CENTRAL      6.72000
## 3385        1 2009 CENTRAL      9.57000
## 3386        2 2010 CENTRAL     14.80000
## 3387        3 2011 CENTRAL     21.42000
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## 3389        5 2013 CENTRAL     28.60000
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## 3391        2 2010 CENTRAL    131.61000
## 3392        3 2011 CENTRAL     92.22000
## 3393        4 2012 CENTRAL     50.22000
## 3394        5 2013 CENTRAL     78.30000
## 3395        1 2009 CENTRAL     18.65500
## 3396        2 2010 CENTRAL     30.74000
## 3397        3 2011 CENTRAL     33.60000
## 3398        4 2012 CENTRAL     12.58000
## 3399        5 2013 CENTRAL     25.44000
## 3400        1 2009 CENTRAL      6.11000
## 3401        2 2010 CENTRAL      8.10000
## 3402        3 2011 CENTRAL     17.16000
## 3403        4 2012 CENTRAL     18.00000
## 3404        5 2013 CENTRAL     31.35000
## 3405        1 2009 CENTRAL     10.08000
## 3406        2 2010 CENTRAL     11.22000
## 3407        3 2011 CENTRAL     12.91500
## 3408        4 2012 CENTRAL     10.89000
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## 3415        1 2009 CENTRAL      6.88500
## 3416        2 2010 CENTRAL      6.50000
## 3417        3 2011 CENTRAL      8.26500
## 3418        4 2012 CENTRAL     15.96000
## 3419        5 2013 CENTRAL     31.90000
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## 3421        2 2010 CENTRAL      5.75000
## 3422        3 2011 CENTRAL      6.72000
## 3423        4 2012 CENTRAL      9.57000
## 3424        5 2013 CENTRAL     12.95000
## 3425        1 2009 CENTRAL      3.80000
## 3426        2 2010 CENTRAL      4.62000
## 3427        3 2011 CENTRAL      7.00000
## 3428        4 2012 CENTRAL      8.10000
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## 3430        1 2009 CENTRAL     18.60000
## 3431        2 2010 CENTRAL     12.87000
## 3432        3 2011 CENTRAL     25.48000
## 3433        4 2012 CENTRAL     18.00000
## 3434        5 2013 CENTRAL     14.08000
## 3435        1 2009 CENTRAL      7.56000
## 3436        2 2010 CENTRAL     14.04000
## 3437        3 2011 CENTRAL     18.80000
```

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## 3438        4 2012 CENTRAL    18.80000
## 3439        5 2013 CENTRAL    16.80000
## 3440        1 2009 CENTRAL     7.81750
## 3441        2 2010 CENTRAL     8.10000
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## 3443        4 2012 CENTRAL    12.40000
## 3444        5 2013 CENTRAL    14.40000
## 3445        1 2009 CENTRAL     6.50000
## 3446        2 2010 CENTRAL     9.30000
## 3447        3 2011 CENTRAL    14.40000
## 3448        4 2012 CENTRAL    11.22000
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## 3453        4 2012 CENTRAL    33.60000
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## 3455        1 2009 CENTRAL     8.83500
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## 3457        3 2011 CENTRAL    31.92000
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## 3460        1 2009 CENTRAL     4.27500
## 3461        2 2010 CENTRAL    12.18000
## 3462        3 2011 CENTRAL     8.00000
## 3463        4 2012 CENTRAL    17.28000
## 3464        5 2013 CENTRAL    14.82000
## 3465        1 2009 CENTRAL     2.97250
## 3466        2 2010 CENTRAL     6.50000
## 3467        3 2011 CENTRAL     8.80000
## 3468        4 2012 CENTRAL     8.58000
## 3469        5 2013 CENTRAL    11.20000
## 3470        1 2009 CENTRAL     3.15000
## 3471        2 2010 CENTRAL     7.56000
## 3472        3 2011 CENTRAL    10.50000
## 3473        4 2012 CENTRAL     9.92000
## 3474        5 2013 CENTRAL    18.06000
## 3475        1 2009 CENTRAL     8.19000
## 3476        2 2010 CENTRAL    23.50000
## 3477        3 2011 CENTRAL    16.20000
## 3478        4 2012 CENTRAL    22.05000
## 3479        5 2013 CENTRAL    25.44000
## 3480        1 2009 CENTRAL     3.78000
## 3481        2 2010 CENTRAL     5.46000
## 3482        3 2011 CENTRAL     6.44000
## 3483        4 2012 CENTRAL     8.10000
## 3484        5 2013 CENTRAL    12.24000
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## 3487        3 2011 CENTRAL    23.52000
## 3488        4 2012 CENTRAL    31.27000
## 3489        5 2013 CENTRAL    32.00000
## 3490        1 2009 CENTRAL     3.15000
## 3491        2 2010 CENTRAL     7.42500
```

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## 3492       3 2011 CENTRAL     10.20000
## 3493       4 2012 CENTRAL      9.90000
## 3494       5 2013 CENTRAL     14.44000
## 3495       1 2009 CENTRAL      2.96000
## 3496       2 2010 CENTRAL      7.80000
## 3497       3 2011 CENTRAL     10.14000
## 3498       4 2012 CENTRAL     14.80000
## 3499       5 2013 CENTRAL     23.52000
## 3500       1 2009 CENTRAL      8.06000
## 3501       2 2010 CENTRAL     10.36000
## 3502       3 2011 CENTRAL     15.05000
## 3503       4 2012 CENTRAL     12.40000
## 3504       5 2013 CENTRAL     16.80000
## 3505       1 2009 CENTRAL      3.71000
## 3506       2 2010 CENTRAL      4.20000
## 3507       3 2011 CENTRAL      6.12000
## 3508       4 2012 CENTRAL      3.80000
## 3509       5 2013 CENTRAL      5.50000
## 3510       1 2009 CENTRAL      2.52000
## 3511       2 2010 CENTRAL      8.70000
## 3512       3 2011 CENTRAL      8.32000
## 3513       4 2012 CENTRAL     12.30000
## 3514       5 2013 CENTRAL     14.00000
## 3515       1 2009 CENTRAL      3.87000
## 3516       2 2010 CENTRAL      5.52000
## 3517       3 2011 CENTRAL      5.72000
## 3518       4 2012 CENTRAL     10.50000
## 3519       5 2013 CENTRAL     12.87000
## 3520       1 2009 CENTRAL      3.15000
## 3521       2 2010 CENTRAL      4.62000
## 3522       3 2011 CENTRAL      6.93000
## 3523       4 2012 CENTRAL      5.00000
## 3524       5 2013 CENTRAL      7.20000
## 3525       1 2009 CENTRAL      2.80000
## 3526       2 2010 CENTRAL      3.36000
## 3527       3 2011 CENTRAL      6.00000
## 3528       4 2012 CENTRAL      4.83000
## 3529       5 2013 CENTRAL      8.12000
## 3530       1 2009 CENTRAL      1.54000
## 3531       2 2010 CENTRAL      3.06000
## 3532       3 2011 CENTRAL      6.63000
## 3533       4 2012 CENTRAL      8.40000
## 3534       5 2013 CENTRAL      9.28000
## 3535       1 2009 CENTRAL      6.80150
## 3536       2 2010 CENTRAL     17.63000
## 3537       3 2011 CENTRAL     22.56000
## 3538       4 2012 CENTRAL     42.84000
## 3539       5 2013 CENTRAL     49.68000
## 3540       1 2009 CENTRAL      6.75000
## 3541       2 2010 CENTRAL      5.98000
## 3542       3 2011 CENTRAL      7.54000
## 3543       4 2012 CENTRAL     10.88000
## 3544       5 2013 CENTRAL     17.63000
## 3545       1 2009 CENTRAL      0.37500
```

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## 3546     2 2010 CENTRAL    0.30000
## 3547     3 2011 CENTRAL    0.70000
## 3548     4 2012 CENTRAL    1.20000
## 3549     5 2013 CENTRAL    1.68000
## 3550     1 2009 CENTRAL    2.63340
## 3551     2 2010 CENTRAL    5.28000
## 3552     3 2011 CENTRAL    6.50000
## 3553     4 2012 CENTRAL    6.90000
## 3554     5 2013 CENTRAL   10.80000
## 3555     1 2009 CENTRAL    0.92150
## 3556     2 2010 CENTRAL    2.17500
## 3557     3 2011 CENTRAL    2.40000
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## 3559     5 2013 CENTRAL    5.88000
## 3560     1 2009 CENTRAL    2.99250
## 3561     2 2010 CENTRAL    4.92000
## 3562     3 2011 CENTRAL    8.40000
## 3563     4 2012 CENTRAL    8.40000
## 3564     5 2013 CENTRAL    6.00000
## 3565     1 2009 CENTRAL    0.71610
## 3566     2 2010 CENTRAL    1.20000
## 3567     3 2011 CENTRAL    1.56000
## 3568     4 2012 CENTRAL    4.48000
## 3569     5 2013 CENTRAL    2.25000
## 3570     1 2009 CENTRAL    0.74750
## 3571     2 2010 CENTRAL    2.10000
## 3572     3 2011 CENTRAL    1.82000
## 3573     4 2012 CENTRAL    1.30000
## 3574     5 2013 CENTRAL    2.24000
## 3575     1 2009 CENTRAL    1.56800
## 3576     2 2010 CENTRAL    0.95000
## 3577     3 2011 CENTRAL    1.68000
## 3578     4 2012 CENTRAL    2.08000
## 3579     5 2013 CENTRAL    2.88000
## 3580     1 2009 CENTRAL    1.98400
## 3581     2 2010 CENTRAL    3.12000
## 3582     3 2011 CENTRAL    3.57000
## 3583     4 2012 CENTRAL    6.21000
## 3584     5 2013 CENTRAL    6.24000
## 3585     1 2009 CENTRAL    2.57250
## 3586     2 2010 CENTRAL    5.40500
## 3587     3 2011 CENTRAL    4.70000
## 3588     4 2012 CENTRAL    8.40000
## 3589     5 2013 CENTRAL   12.48000
## 3590     1 2009 CENTRAL    5.94000
## 3591     2 2010 CENTRAL    8.10000
## 3592     3 2011 CENTRAL    7.54000
## 3593     4 2012 CENTRAL   15.60000
## 3594     5 2013 CENTRAL    5.28000
## 3595     1 2009 CENTRAL    7.00600
## 3596     2 2010 CENTRAL   10.50000
## 3597     3 2011 CENTRAL    9.10000
## 3598     4 2012 CENTRAL    5.72000
## 3599     5 2013 CENTRAL    7.80000
```

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## 3600      1 2009 CENTRAL     36.00000
## 3601      2 2010 CENTRAL     28.00000
## 3602      3 2011 CENTRAL     22.79000
## 3603      4 2012 CENTRAL     56.88000
## 3604      5 2013 CENTRAL     69.66000
## 3605      1 2009 CENTRAL           NA
## 3606      2 2010 CENTRAL     17.77500
## 3607      3 2011 CENTRAL     24.44000
## 3608      4 2012 CENTRAL     33.00000
## 3609      5 2013 CENTRAL     31.32000
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## 3611      2 2010 CENTRAL      8.37000
## 3612      3 2011 CENTRAL     11.22000
## 3613      4 2012 CENTRAL      9.30000
## 3614      5 2013 CENTRAL     14.35000
## 3615      1 2009 CENTRAL      3.15000
## 3616      2 2010 CENTRAL      6.44000
## 3617      3 2011 CENTRAL      4.86000
## 3618      4 2012 CENTRAL     10.80000
## 3619      5 2013 CENTRAL     11.20000
## 3620      1 2009 CENTRAL      7.68000
## 3621      2 2010 CENTRAL     14.06000
## 3622      3 2011 CENTRAL     24.50000
## 3623      4 2012 CENTRAL     20.40000
## 3624      5 2013 CENTRAL     21.56000
## 3625      1 2009 CENTRAL     14.20000
## 3626      2 2010 CENTRAL     28.60000
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## 3628      4 2012 CENTRAL     36.48000
## 3629      5 2013 CENTRAL     44.89000
## 3630      1 2009 CENTRAL      3.84000
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## 3636      2 2010 CENTRAL      9.30000
## 3637      3 2011 CENTRAL     12.95000
## 3638      4 2012 CENTRAL     11.84000
## 3639      5 2013 CENTRAL     18.00000
## 3640      1 2009 CENTRAL      3.78000
## 3641      2 2010 CENTRAL      4.25000
## 3642      3 2011 CENTRAL      4.68000
## 3643      4 2012 CENTRAL     14.40000
## 3644      5 2013 CENTRAL     12.16000
## 3645      1 2009 CENTRAL      3.64000
## 3646      2 2010 CENTRAL      5.25000
## 3647      3 2011 CENTRAL      9.28000
## 3648      4 2012 CENTRAL     15.20000
## 3649      5 2013 CENTRAL     18.00000
## 3650      1 2009 CENTRAL      4.80000
## 3651      2 2010 CENTRAL     10.88000
## 3652      3 2011 CENTRAL     19.68000
## 3653      4 2012 CENTRAL     21.93000
```

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## 3654        5 2013 CENTRAL    28.60000
## 3655        1 2009 CENTRAL    10.56000
## 3656        2 2010 CENTRAL     6.44000
## 3657        3 2011 CENTRAL    10.36000
## 3658        4 2012 CENTRAL    19.50000
## 3659        5 2013 CENTRAL    10.88000
## 3660        1 2009 CENTRAL     7.90500
## 3661        2 2010 CENTRAL          NA
## 3662        3 2011 CENTRAL    22.50000
## 3663        4 2012 CENTRAL    21.50000
## 3664        5 2013 CENTRAL    31.20000
## 3665        1 2009 CENTRAL     9.80000
## 3666        2 2010 CENTRAL          NA
## 3667        3 2011 CENTRAL    36.54000
## 3668        4 2012 CENTRAL    31.85000
## 3669        5 2013 CENTRAL    30.72000
## 3670        1 2009 CENTRAL     7.31250
## 3671        2 2010 CENTRAL          NA
## 3672        3 2011 CENTRAL    11.60000
## 3673        4 2012 CENTRAL    18.80000
## 3674        5 2013 CENTRAL    36.00000
## 3675        1 2009 CENTRAL     2.01500
## 3676        2 2010 CENTRAL          NA
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## 3678        4 2012 CENTRAL    12.60000
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## 3680        1 2009 CENTRAL    15.99000
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## 3683        4 2012 CENTRAL    35.40000
## 3684        5 2013 CENTRAL    36.00000
## 3685        1 2009 CENTRAL     6.72000
## 3686        2 2010 CENTRAL          NA
## 3687        3 2011 CENTRAL     6.82000
## 3688        4 2012 CENTRAL    19.60000
## 3689        5 2013 CENTRAL    16.77000
## 3690        1 2009 CENTRAL    18.96000
## 3691        2 2010 CENTRAL          NA
## 3692        3 2011 CENTRAL    19.60000
## 3693        4 2012 CENTRAL    31.80000
## 3694        5 2013 CENTRAL    29.28000
## 3695        1 2009 CENTRAL     6.24000
## 3696        2 2010 CENTRAL          NA
## 3697        3 2011 CENTRAL    10.73000
## 3698        4 2012 CENTRAL    31.90000
## 3699        5 2013 CENTRAL    17.15000
## 3700        1 2009 CENTRAL     6.80000
## 3701        2 2010 CENTRAL          NA
## 3702        3 2011 CENTRAL     6.21000
## 3703        4 2012 CENTRAL    32.40000
## 3704        5 2013 CENTRAL     7.20000
## 3705        1 2009 CENTRAL    11.38500
## 3706        2 2010 CENTRAL          NA
## 3707        3 2011 CENTRAL    16.38000
```

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## 3708       4 2012 CENTRAL      31.86000
## 3709       5 2013 CENTRAL      27.56000
## 3710       1 2009 CENTRAL       2.96000
## 3711       2 2010 CENTRAL       9.28000
## 3712       3 2011 CENTRAL       8.68000
## 3713       4 2012 CENTRAL      17.00000
## 3714       5 2013 CENTRAL      13.26000
## 3715       1 2009 CENTRAL       3.23000
## 3716       2 2010 CENTRAL       5.50000
## 3717       3 2011 CENTRAL       5.52000
## 3718       4 2012 CENTRAL       3.80000
## 3719       5 2013 CENTRAL       9.90000
## 3720       1 2009 CENTRAL       1.03500
## 3721       2 2010 CENTRAL       1.82000
## 3722       3 2011 CENTRAL       1.95000
## 3723       4 2012 CENTRAL       3.20000
## 3724       5 2013 CENTRAL       1.68000
## 3725       1 2009 CENTRAL       2.24000
## 3726       2 2010 CENTRAL      12.92000
## 3727       3 2011 CENTRAL      11.84000
## 3728       4 2012 CENTRAL      24.40000
## 3729       5 2013 CENTRAL      16.80000
## 3730       1 2009 CENTRAL       4.32000
## 3731       2 2010 CENTRAL       5.46000
## 3732       3 2011 CENTRAL      10.08000
## 3733       4 2012 CENTRAL      16.00000
## 3734       5 2013 CENTRAL      20.70000
## 3735       1 2009 CENTRAL       1.02720
## 3736       2 2010 CENTRAL       5.28000
## 3737       3 2011 CENTRAL       1.54000
## 3738       4 2012 CENTRAL       2.52000
## 3739       5 2013 CENTRAL       7.00000
## 3740       1 2009 CENTRAL       1.87500
## 3741       2 2010 CENTRAL       5.75000
## 3742       3 2011 CENTRAL       8.06000
## 3743       4 2012 CENTRAL      12.48000
## 3744       5 2013 CENTRAL      11.61000
## 3745       1 2009 CENTRAL       5.40500
## 3746       2 2010 CENTRAL       8.10000
## 3747       3 2011 CENTRAL      10.15000
## 3748       4 2012 CENTRAL      26.00000
## 3749       5 2013 CENTRAL      11.02000
## 3750       1 2009 CENTRAL       3.04000
## 3751       2 2010 CENTRAL      10.15000
## 3752       3 2011 CENTRAL       6.25000
## 3753       4 2012 CENTRAL       9.90000
## 3754       5 2013 CENTRAL            NA
## 3755       1 2009 CENTRAL       4.00000
## 3756       2 2010 CENTRAL       3.42000
## 3757       3 2011 CENTRAL       5.25000
## 3758       4 2012 CENTRAL       6.90000
## 3759       5 2013 CENTRAL       4.40000
## 3760       1 2009 CENTRAL       2.03740
## 3761       2 2010 CENTRAL       3.42000
```

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## 3762        3 2011 CENTRAL      2.88000
## 3763        4 2012 CENTRAL      4.00000
## 3764        5 2013 CENTRAL      6.50000
## 3765        1 2009 CENTRAL      4.24270
## 3766        2 2010 CENTRAL      5.04000
## 3767        3 2011 CENTRAL      6.09000
## 3768        4 2012 CENTRAL      9.30000
## 3769        5 2013 CENTRAL      8.10000
## 3770        1 2009 CENTRAL      9.21150
## 3771        2 2010 CENTRAL     10.88000
## 3772        3 2011 CENTRAL      9.52000
## 3773        4 2012 CENTRAL      9.60000
## 3774        5 2013 CENTRAL     12.60000
## 3775        1 2009 CENTRAL      4.80480
## 3776        2 2010 CENTRAL      6.50000
## 3777        3 2011 CENTRAL      7.80000
## 3778        4 2012 CENTRAL      6.60000
## 3779        5 2013 CENTRAL      8.58000
## 3780        1 2009 CENTRAL      3.93750
## 3781        2 2010 CENTRAL      8.06000
## 3782        3 2011 CENTRAL     11.56000
## 3783        4 2012 CENTRAL     13.33000
## 3784        5 2013 CENTRAL     19.20000
## 3785        1 2009 CENTRAL      2.23440
## 3786        2 2010 CENTRAL      2.10000
## 3787        3 2011 CENTRAL      2.97000
## 3788        4 2012 CENTRAL      9.90000
## 3789        5 2013 CENTRAL      5.06000
## 3790        1 2009 CENTRAL      3.27320
## 3791        2 2010 CENTRAL      5.50000
## 3792        3 2011 CENTRAL      3.80000
## 3793        4 2012 CENTRAL      9.45000
## 3794        5 2013 CENTRAL      6.90000
## 3795        1 2009 CENTRAL      4.62000
## 3796        2 2010 CENTRAL      4.94000
## 3797        3 2011 CENTRAL      2.55000
## 3798        4 2012 CENTRAL     13.20000
## 3799        5 2013 CENTRAL     11.90000
## 3800        1 2009 CENTRAL      6.68850
## 3801        2 2010 CENTRAL      5.20000
## 3802        3 2011 CENTRAL      6.09000
## 3803        4 2012 CENTRAL     11.10000
## 3804        5 2013 CENTRAL      9.00000
## 3805        1 2009 CENTRAL      3.20380
## 3806        2 2010 CENTRAL      4.20000
## 3807        3 2011 CENTRAL      7.83000
## 3808        4 2012 CENTRAL      9.90000
## 3809        5 2013 CENTRAL      4.80000
## 3810        1 2009 CENTRAL     15.20000
## 3811        2 2010 CENTRAL           NA
## 3812        3 2011 CENTRAL     18.00000
## 3813        4 2012 CENTRAL     26.40000
## 3814        5 2013 CENTRAL     33.12000
## 3815        1 2009 CENTRAL     24.78600
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## 3816      2 2010 CENTRAL            NA
## 3817      3 2011 CENTRAL      41.18000
## 3818      4 2012 CENTRAL      60.00000
## 3819      5 2013 CENTRAL      36.00000
## 3820      1 2009 CENTRAL       5.65800
## 3821      2 2010 CENTRAL            NA
## 3822      3 2011 CENTRAL      11.55000
## 3823      4 2012 CENTRAL      20.00000
## 3824      5 2013 CENTRAL      17.64000
## 3825      1 2009 CENTRAL      27.88750
## 3826      2 2010 CENTRAL            NA
## 3827      3 2011 CENTRAL      27.54000
## 3828      4 2012 CENTRAL      43.55000
## 3829      5 2013 CENTRAL      62.40000
## 3830      1 2009 CENTRAL      22.49100
## 3831      2 2010 CENTRAL            NA
## 3832      3 2011 CENTRAL      25.97000
## 3833      4 2012 CENTRAL      49.68000
## 3834      5 2013 CENTRAL      56.76000
## 3835      1 2009 CENTRAL       4.18500
## 3836      2 2010 CENTRAL       7.56000
## 3837      3 2011 CENTRAL      12.58000
## 3838      4 2012 CENTRAL      10.88000
## 3839      5 2013 CENTRAL    2068.00000
## 3840      1 2009 CENTRAL       9.12040
## 3841      2 2010 CENTRAL      10.91500
## 3842      3 2011 CENTRAL      15.96000
## 3843      4 2012 CENTRAL      24.84000
## 3844      5 2013 CENTRAL      45.56000
## 3845      1 2009 CENTRAL      11.77050
## 3846      2 2010 CENTRAL      17.20000
## 3847      3 2011 CENTRAL      22.95000
## 3848      4 2012 CENTRAL      19.27000
## 3849      5 2013 CENTRAL      25.38000
## 3850      1 2009 CENTRAL      10.49200
## 3851      2 2010 CENTRAL       6.65000
## 3852      3 2011 CENTRAL      19.00000
## 3853      4 2012 CENTRAL      15.91000
## 3854      5 2013 CENTRAL      23.50000
## 3855      1 2009 CENTRAL       8.35050
## 3856      2 2010 CENTRAL      10.88000
## 3857      3 2011 CENTRAL      13.30000
## 3858      4 2012 CENTRAL       9.00000
## 3859      5 2013 CENTRAL      18.92000
## 3860      1 2009 CENTRAL       8.03320
## 3861      2 2010 CENTRAL       6.98250
## 3862      3 2011 CENTRAL      14.40000
## 3863      4 2012 CENTRAL       9.24000
## 3864      5 2013 CENTRAL      15.58000
## 3865      1 2009 CENTRAL      30.29620
## 3866      2 2010 CENTRAL      41.26500
## 3867      3 2011 CENTRAL      33.04000
## 3868      4 2012 CENTRAL      30.60000
## 3869      5 2013 CENTRAL      40.92000
```

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## 3870        1 2009 CENTRAL      1.33200
## 3871        2 2010 CENTRAL      2.10000
## 3872        3 2011 CENTRAL      4.20000
## 3873        4 2012 CENTRAL      2.72000
## 3874        5 2013 CENTRAL      3.60000
## 3875        1 2009 CENTRAL     23.99400
## 3876        2 2010 CENTRAL     20.16000
## 3877        3 2011 CENTRAL     26.50000
## 3878        4 2012 CENTRAL     34.20000
## 3879        5 2013 CENTRAL     28.62000
## 3880        1 2009 CENTRAL      1.21200
## 3881        2 2010 CENTRAL      1.74200
## 3882        3 2011 CENTRAL      1.32000
## 3883        4 2012 CENTRAL      1.68000
## 3884        5 2013 CENTRAL      4.18000
## 3885        1 2009 CENTRAL     21.09580
## 3886        2 2010 CENTRAL     39.65000
## 3887        3 2011 CENTRAL     37.21000
## 3888        4 2012 CENTRAL     44.16000
## 3889        5 2013 CENTRAL     59.20000
## 3890        1 2009 CENTRAL     15.04000
## 3891        2 2010 CENTRAL     12.58000
## 3892        3 2011 CENTRAL     24.00000
## 3893        4 2012 CENTRAL     21.15000
## 3894        5 2013 CENTRAL     24.00000
## 3895        1 2009 CENTRAL     31.36080
## 3896        2 2010 CENTRAL     38.19000
## 3897        3 2011 CENTRAL     43.50000
## 3898        4 2012 CENTRAL     44.80000
## 3899        5 2013 CENTRAL     49.28000
## 3900        1 2009 CENTRAL     26.84700
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## 3903        4 2012 CENTRAL     46.15000
## 3904        5 2013 CENTRAL     61.32000
## 3905        1 2009 CENTRAL     59.13450
## 3906        2 2010 CENTRAL     42.47800
## 3907        3 2011 CENTRAL     31.90000
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## 3910        1 2009 CENTRAL     17.42640
## 3911        2 2010 CENTRAL     15.68000
## 3912        3 2011 CENTRAL     14.28000
## 3913        4 2012 CENTRAL     23.52000
## 3914        5 2013 CENTRAL     22.08000
## 3915        1 2009 CENTRAL      9.89080
## 3916        2 2010 CENTRAL     10.23000
## 3917        3 2011 CENTRAL     16.40000
## 3918        4 2012 CENTRAL     13.69000
## 3919        5 2013 CENTRAL     18.49000
## 3920        1 2009 CENTRAL     14.76000
## 3921        2 2010 CENTRAL     11.07200
## 3922        3 2011 CENTRAL     13.65000
## 3923        4 2012 CENTRAL     12.40000
```

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## 3924        5 2013 CENTRAL       18.48000
## 3925        1 2009 CENTRAL       11.93700
## 3926        2 2010 CENTRAL       14.06000
## 3927        3 2011 CENTRAL       26.95000
## 3928        4 2012 CENTRAL       23.52000
## 3929        5 2013 CENTRAL       43.52000
## 3930        1 2009 CENTRAL        6.41200
## 3931        2 2010 CENTRAL        7.50000
## 3932        3 2011 CENTRAL        9.00000
## 3933        4 2012 CENTRAL        5.98000
## 3934        5 2013 CENTRAL        9.00000
## 3935        1 2009 CENTRAL        6.55000
## 3936        2 2010 CENTRAL        6.48000
## 3937        3 2011 CENTRAL        8.00000
## 3938        4 2012 CENTRAL       14.43000
## 3939        5 2013 CENTRAL       16.80000
## 3940        1 2009 CENTRAL        2.55000
## 3941        2 2010 CENTRAL        2.08000
## 3942        3 2011 CENTRAL        1.56000
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## 3944        5 2013 CENTRAL        6.76000
## 3945        1 2009 CENTRAL        5.85550
## 3946        2 2010 CENTRAL        5.75000
## 3947        3 2011 CENTRAL        5.98000
## 3948        4 2012 CENTRAL        6.00000
## 3949        5 2013 CENTRAL        7.68000
## 3950        1 2009 CENTRAL        4.08240
## 3951        2 2010 CENTRAL        5.25000
## 3952        3 2011 CENTRAL       10.23000
## 3953        4 2012 CENTRAL       11.52000
## 3954        5 2013 CENTRAL        6.50000
## 3955        1 2009 CENTRAL        1.49000
## 3956        2 2010 CENTRAL        2.24000
## 3957        3 2011 CENTRAL        1.68000
## 3958        4 2012 CENTRAL        0.80000
## 3959        5 2013 CENTRAL        1.69000
## 3960        1 2009 CENTRAL        1.77000
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## 3962        3 2011 CENTRAL        2.52000
## 3963        4 2012 CENTRAL        2.40000
## 3964        5 2013 CENTRAL        4.18000
## 3965        1 2009 CENTRAL        1.28400
## 3966        2 2010 CENTRAL        1.82000
## 3967        3 2011 CENTRAL        0.72000
## 3968        4 2012 CENTRAL        1.32000
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## 3970        1 2009 CENTRAL        1.05000
## 3971        2 2010 CENTRAL        1.20000
## 3972        3 2011 CENTRAL        1.43000
## 3973        4 2012 CENTRAL        4.80000
## 3974        5 2013 CENTRAL        5.20000
## 3975        1 2009 CENTRAL        3.64450
## 3976        2 2010 CENTRAL        6.60000
## 3977        3 2011 CENTRAL        5.04000
```

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## 3978    4 2012 CENTRAL    9.80000
## 3979    5 2013 CENTRAL   20.21000
## 3980    1 2009 CENTRAL    4.60000
## 3981    2 2010 CENTRAL    6.42200
## 3982    3 2011 CENTRAL    6.75000
## 3983    4 2012 CENTRAL    5.40000
## 3984    5 2013 CENTRAL    7.54000
## 3985    1 2009 CENTRAL    1.80000
## 3986    2 2010 CENTRAL    2.94000
## 3987    3 2011 CENTRAL    4.60000
## 3988    4 2012 CENTRAL    7.00000
## 3989    5 2013 CENTRAL    4.00000
## 3990    1 2009 CENTRAL    8.03600
## 3991    2 2010 CENTRAL    7.25000
## 3992    3 2011 CENTRAL   11.04000
## 3993    4 2012 CENTRAL   10.56000
## 3994    5 2013 CENTRAL   23.52000
## 3995    1 2009 CENTRAL   28.22240
## 3996    2 2010 CENTRAL   42.88000
## 3997    3 2011 CENTRAL   11.90000
## 3998    4 2012 CENTRAL   46.86000
## 3999    5 2013 CENTRAL   41.18000
## 4000    1 2009 CENTRAL    6.07420
## 4001    2 2010 CENTRAL    7.84000
## 4002    3 2011 CENTRAL   19.35000
## 4003    4 2012 CENTRAL    6.27000
## 4004    5 2013 CENTRAL   16.81000
## 4005    1 2009 CENTRAL    3.49680
## 4006    2 2010 CENTRAL    3.23000
## 4007    3 2011 CENTRAL    2.66000
## 4008    4 2012 CENTRAL    6.16000
## 4009    5 2013 CENTRAL    7.50000
## 4010    1 2009 CENTRAL   13.68510
## 4011    2 2010 CENTRAL   17.76000
## 4012    3 2011 CENTRAL   18.45000
## 4013    4 2012 CENTRAL   20.24000
## 4014    5 2013 CENTRAL   15.58000
## 4015    1 2009 CENTRAL    3.08760
## 4016    2 2010 CENTRAL    3.99750
## 4017    3 2011 CENTRAL    4.62000
## 4018    4 2012 CENTRAL    5.04000
## 4019    5 2013 CENTRAL    6.75000
## 4020    1 2009 CENTRAL   34.15300
## 4021    2 2010 CENTRAL   46.20000
## 4022    3 2011 CENTRAL   24.96000
## 4023    4 2012 CENTRAL   42.00000
## 4024    5 2013 CENTRAL   61.50000
## 4025    1 2009 CENTRAL   11.25400
## 4026    2 2010 CENTRAL    9.10000
## 4027    3 2011 CENTRAL   12.16000
## 4028    4 2012 CENTRAL   13.30000
## 4029    5 2013 CENTRAL   26.52000
## 4030    1 2009 CENTRAL    2.25940
## 4031    2 2010 CENTRAL    3.50000
```

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## 4032       3 2011 CENTRAL      3.60000
## 4033       4 2012 CENTRAL      6.96000
## 4034       5 2013 CENTRAL      7.25000
## 4035       1 2009 CENTRAL     25.64940
## 4036       2 2010 CENTRAL      5.75750
## 4037       3 2011 CENTRAL     45.44000
## 4038       4 2012 CENTRAL     30.60000
## 4039       5 2013 CENTRAL     36.96000
## 4040       1 2009 CENTRAL     19.73760
## 4041       2 2010 CENTRAL     27.28240
## 4042       3 2011 CENTRAL     23.40000
## 4043       4 2012 CENTRAL     16.64000
## 4044       5 2013 CENTRAL     35.96000
## 4045       1 2009 CENTRAL     27.44000
## 4046       2 2010 CENTRAL     19.43600
## 4047       3 2011 CENTRAL     15.40000
## 4048       4 2012 CENTRAL     18.40000
## 4049       5 2013 CENTRAL     56.21000
## 4050       1 2009 CENTRAL     19.80000
## 4051       2 2010 CENTRAL     21.58000
## 4052       3 2011 CENTRAL     21.15000
## 4053       4 2012 CENTRAL     23.00000
## 4054       5 2013 CENTRAL     18.40000
## 4055       1 2009 CENTRAL     14.88300
## 4056       2 2010 CENTRAL      9.12000
## 4057       3 2011 CENTRAL     12.58000
## 4058       4 2012 CENTRAL     11.60000
## 4059       5 2013 CENTRAL     19.35000
## 4060       1 2009 CENTRAL      5.10000
## 4061       2 2010 CENTRAL           NA
## 4062       3 2011 CENTRAL           NA
## 4063       4 2012 CENTRAL           NA
## 4064       5 2013 CENTRAL           NA
## 4065       1 2009 CENTRAL     31.86000
## 4066       2 2010 CENTRAL     24.00000
## 4067       3 2011 CENTRAL     28.62000
## 4068       4 2012 CENTRAL     23.03000
## 4069       5 2013 CENTRAL     42.16000
## 4070       1 2009 CENTRAL     13.86000
## 4071       2 2010 CENTRAL     22.79500
## 4072       3 2011 CENTRAL     16.38000
## 4073       4 2012 CENTRAL     12.92000
## 4074       5 2013 CENTRAL     13.68000
## 4075       1 2009 CENTRAL     12.95000
## 4076       2 2010 CENTRAL     15.58550
## 4077       3 2011 CENTRAL     12.16000
## 4078       4 2012 CENTRAL     11.10000
## 4079       5 2013 CENTRAL     18.86000
## 4080       1 2009 CENTRAL     23.52000
## 4081       2 2010 CENTRAL     17.70000
## 4082       3 2011 CENTRAL     33.48000
## 4083       4 2012 CENTRAL     22.40000
## 4084       5 2013 CENTRAL     25.50000
## 4085       1 2009 CENTRAL     15.05000
```

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## 4086    2 2010 CENTRAL     9.60000
## 4087    3 2011 CENTRAL    14.96000
## 4088    4 2012 CENTRAL    14.35000
## 4089    5 2013 CENTRAL    22.09000
## 4090    1 2009 CENTRAL     3.23000
## 4091    2 2010 CENTRAL     0.63000
## 4092    3 2011 CENTRAL     3.79500
## 4093    4 2012 CENTRAL     1.21000
## 4094    5 2013 CENTRAL     3.31500
## 4095    1 2009 CENTRAL     2.55600
## 4096    2 2010 CENTRAL     3.06000
## 4097    3 2011 CENTRAL          NA
## 4098    4 2012 CENTRAL          NA
## 4099    5 2013 CENTRAL          NA
## 4100    1 2009 CENTRAL     1.76400
## 4101    2 2010 CENTRAL     1.32000
## 4102    3 2011 CENTRAL     2.24000
## 4103    4 2012 CENTRAL     2.89000
## 4104    5 2013 CENTRAL     3.99000
## 4105    1 2009 CENTRAL     1.28700
## 4106    2 2010 CENTRAL     2.40000
## 4107    3 2011 CENTRAL     2.24000
## 4108    4 2012 CENTRAL     1.21000
## 4109    5 2013 CENTRAL     2.24000
## 4110    1 2009 CENTRAL     2.26920
## 4111    2 2010 CENTRAL     2.10000
## 4112    3 2011 CENTRAL     3.60000
## 4113    4 2012 CENTRAL     4.00000
## 4114    5 2013 CENTRAL    10.54000
## 4115    1 2009 CENTRAL     3.89120
## 4116    2 2010 CENTRAL     5.80000
## 4117    3 2011 CENTRAL     5.25000
## 4118    4 2012 CENTRAL     1.69000
## 4119    5 2013 CENTRAL     8.68000
## 4120    1 2009 CENTRAL     6.75000
## 4121    2 2010 CENTRAL     8.25000
## 4122    3 2011 CENTRAL     9.28000
## 4123    4 2012 CENTRAL    10.24000
## 4124    5 2013 CENTRAL     8.25000
## 4125    1 2009 CENTRAL     4.55820
## 4126    2 2010 CENTRAL     2.88000
## 4127    3 2011 CENTRAL     2.85000
## 4128    4 2012 CENTRAL     2.25000
## 4129    5 2013 CENTRAL     4.40000
## 4130    1 2009 CENTRAL     2.14200
## 4131    2 2010 CENTRAL     3.20000
## 4132    3 2011 CENTRAL     0.90000
## 4133    4 2012 CENTRAL     0.16000
## 4134    5 2013 CENTRAL     0.42000
## 4135    1 2009 CENTRAL     0.60500
## 4136    2 2010 CENTRAL     1.20000
## 4137    3 2011 CENTRAL     0.70000
## 4138    4 2012 CENTRAL     1.96000
## 4139    5 2013 CENTRAL     1.82000
```

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## 4140        1 2009 CENTRAL      1.16100
## 4141        2 2010 CENTRAL      0.56700
## 4142        3 2011 CENTRAL      1.08000
## 4143        4 2012 CENTRAL           NA
## 4144        5 2013 CENTRAL           NA
## 4145        1 2009 CENTRAL      7.45380
## 4146        2 2010 CENTRAL      5.16000
## 4147        3 2011 CENTRAL      9.52000
## 4148        4 2012 CENTRAL      6.75000
## 4149        5 2013 CENTRAL      9.30000
## 4150        1 2009 CENTRAL      1.16920
## 4151        2 2010 CENTRAL      0.90000
## 4152        3 2011 CENTRAL      1.32000
## 4153        4 2012 CENTRAL           NA
## 4154        5 2013 CENTRAL           NA
## 4155        1 2009 CENTRAL      0.69300
## 4156        2 2010 CENTRAL      0.41310
## 4157        3 2011 CENTRAL      1.10000
## 4158        4 2012 CENTRAL      1.68000
## 4159        5 2013 CENTRAL      2.10000
## 4160        1 2009 CENTRAL      1.34400
## 4161        2 2010 CENTRAL      0.95000
## 4162        3 2011 CENTRAL      0.85500
## 4163        4 2012 CENTRAL           NA
## 4164        5 2013 CENTRAL           NA
## 4165        1 2009 CENTRAL      1.97500
## 4166        2 2010 CENTRAL      3.07880
## 4167        3 2011 CENTRAL      1.20000
## 4168        4 2012 CENTRAL      3.60000
## 4169        5 2013 CENTRAL      3.60000
## 4170        1 2009 CENTRAL      2.61950
## 4171        2 2010 CENTRAL      3.69000
## 4172        3 2011 CENTRAL      5.25000
## 4173        4 2012 CENTRAL      2.72000
## 4174        5 2013 CENTRAL      5.04000
## 4175        1 2009 CENTRAL      0.48000
## 4176        2 2010 CENTRAL      0.60000
## 4177        3 2011 CENTRAL      0.72000
## 4178        4 2012 CENTRAL      1.54000
## 4179        5 2013 CENTRAL      2.55000
## 4180        1 2009 CENTRAL      6.09000
## 4181        2 2010 CENTRAL      7.54000
## 4182        3 2011 CENTRAL      9.72000
## 4183        4 2012 CENTRAL      0.72000
## 4184        5 2013 CENTRAL     15.20000
## 4185        1 2009 CENTRAL      0.32500
## 4186        2 2010 CENTRAL      0.51000
## 4187        3 2011 CENTRAL      0.45500
## 4188        4 2012 CENTRAL      7.83000
## 4189        5 2013 CENTRAL      1.05000
## 4190        1 2009 CENTRAL     33.55000
## 4191        2 2010 CENTRAL     26.50000
## 4192        3 2011 CENTRAL     26.13000
## 4193        4 2012 CENTRAL      2.46000
```

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## 4194      5 2013 CENTRAL     42.24000
## 4195      1 2009 CENTRAL     12.92000
## 4196      2 2010 CENTRAL     16.80000
## 4197      3 2011 CENTRAL     13.30000
## 4198      4 2012 CENTRAL     11.20000
## 4199      5 2013 CENTRAL     48.28000
## 4200      1 2009 CENTRAL      3.45000
## 4201      2 2010 CENTRAL      3.99000
## 4202      3 2011 CENTRAL      4.94000
## 4203      4 2012 CENTRAL      7.50000
## 4204      5 2013 CENTRAL     10.23000
## 4205      1 2009 CENTRAL     11.00800
## 4206      2 2010 CENTRAL     15.99000
## 4207      3 2011 CENTRAL     13.30000
## 4208      4 2012 CENTRAL     15.30000
## 4209      5 2013 CENTRAL     26.00000
## 4210      1 2009 CENTRAL      2.21000
## 4211      2 2010 CENTRAL      2.24000
## 4212      3 2011 CENTRAL      4.40000
## 4213      4 2012 CENTRAL     10.54000
## 4214      5 2013 CENTRAL     18.00000
## 4215      1 2009 CENTRAL     22.32000
## 4216      2 2010 CENTRAL     15.60000
## 4217      3 2011 CENTRAL     17.10000
## 4218      4 2012 CENTRAL     30.24000
## 4219      5 2013 CENTRAL     34.80000
## 4220      1 2009 CENTRAL     12.24000
## 4221      2 2010 CENTRAL     12.60000
## 4222      3 2011 CENTRAL      9.45000
## 4223      4 2012 CENTRAL     23.00000
## 4224      5 2013 CENTRAL     29.70000
## 4225      1 2009 CENTRAL      8.84260
## 4226      2 2010 CENTRAL      6.90000
## 4227      3 2011 CENTRAL     11.18000
## 4228      4 2012 CENTRAL     24.50000
## 4229      5 2013 CENTRAL     23.04000
## 4230      1 2009 CENTRAL      1.75000
## 4231      2 2010 CENTRAL      1.82000
## 4232      3 2011 CENTRAL      2.40000
## 4233      4 2012 CENTRAL      4.18000
## 4234      5 2013 CENTRAL      7.80000
## 4235      1 2009 CENTRAL     31.52760
## 4236      2 2010 CENTRAL     28.62000
## 4237      3 2011 CENTRAL     31.90000
## 4238      4 2012 CENTRAL     67.94000
## 4239      5 2013 CENTRAL     74.80000
## 4240      1 2009 CENTRAL      5.45200
## 4241      2 2010 CENTRAL      5.72000
## 4242      3 2011 CENTRAL      9.10000
## 4243      4 2012 CENTRAL     19.74000
## 4244      5 2013 CENTRAL     28.05000
## 4245      1 2009 CENTRAL     56.39400
## 4246      2 2010 CENTRAL     45.42500
## 4247      3 2011 CENTRAL     54.78000
```

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## 4248      4 2012 CENTRAL   78.30000
## 4249      5 2013 CENTRAL   86.52000
## 4250      1 2009 CENTRAL   27.27200
## 4251      2 2010 CENTRAL   39.00000
## 4252      3 2011 CENTRAL   25.38000
## 4253      4 2012 CENTRAL   40.02000
## 4254      5 2013 CENTRAL   53.28000
## 4255      1 2009 CENTRAL   22.37400
## 4256      2 2010 CENTRAL   15.36000
## 4257      3 2011 CENTRAL   16.80000
## 4258      4 2012 CENTRAL   18.90000
## 4259      5 2013 CENTRAL   20.64000
## 4260      1 2009 CENTRAL   14.19600
## 4261      2 2010 CENTRAL   12.54000
## 4262      3 2011 CENTRAL   17.76000
## 4263      4 2012 CENTRAL   30.21000
## 4264      5 2013 CENTRAL   29.58000
## 4265      1 2009 CENTRAL   13.44000
## 4266      2 2010 CENTRAL    9.90000
## 4267      3 2011 CENTRAL   16.72000
## 4268      4 2012 CENTRAL   21.56000
## 4269      5 2013 CENTRAL   19.36000
## 4270      1 2009 CENTRAL   20.57000
## 4271      2 2010 CENTRAL   11.55000
## 4272      3 2011 CENTRAL   27.75000
## 4273      4 2012 CENTRAL   20.24000
## 4274      5 2013 CENTRAL   19.52000
## 4275      1 2009 CENTRAL    7.00000
## 4276      2 2010 CENTRAL    6.50000
## 4277      3 2011 CENTRAL    8.10000
## 4278      4 2012 CENTRAL   10.50000
## 4279      5 2013 CENTRAL   22.08000
## 4280      1 2009 CENTRAL   48.50800
## 4281      2 2010 CENTRAL   26.23000
## 4282      3 2011 CENTRAL   40.20000
## 4283      4 2012 CENTRAL   40.20000
## 4284      5 2013 CENTRAL   49.64000
## 4285      1 2009 CENTRAL   21.93000
## 4286      2 2010 CENTRAL   27.26000
## 4287      3 2011 CENTRAL   17.20000
## 4288      4 2012 CENTRAL   24.60000
## 4289      5 2013 CENTRAL   41.60000
## 4290      1 2009 CENTRAL   13.30250
## 4291      2 2010 CENTRAL   11.20000
## 4292      3 2011 CENTRAL   13.65000
## 4293      4 2012 CENTRAL   21.60000
## 4294      5 2013 CENTRAL   30.60000
## 4295      1 2009 CENTRAL    3.62700
## 4296      2 2010 CENTRAL    3.40000
## 4297      3 2011 CENTRAL    2.43000
## 4298      4 2012 CENTRAL    5.06000
## 4299      5 2013 CENTRAL    6.21000
## 4300      1 2009 CENTRAL    7.00700
## 4301      2 2010 CENTRAL   10.56000
```

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## 4302        3 2011 CENTRAL      15.91000
## 4303        4 2012 CENTRAL      24.91000
## 4304        5 2013 CENTRAL      28.05000
## 4305        1 2009 CENTRAL       2.45050
## 4306        2 2010 CENTRAL       3.74000
## 4307        3 2011 CENTRAL       5.72000
## 4308        4 2012 CENTRAL       5.50000
## 4309        5 2013 CENTRAL       5.06000
## 4310        1 2009 CENTRAL       3.19300
## 4311        2 2010 CENTRAL       4.62000
## 4312        3 2011 CENTRAL       4.08000
## 4313        4 2012 CENTRAL       5.60000
## 4314        5 2013 CENTRAL       5.25000
## 4315        1 2009 CENTRAL       3.17680
## 4316        2 2010 CENTRAL       6.00000
## 4317        3 2011 CENTRAL       5.75000
## 4318        4 2012 CENTRAL      12.95000
## 4319        5 2013 CENTRAL       9.30000
## 4320        1 2009 CENTRAL       1.80250
## 4321        2 2010 CENTRAL       4.56000
## 4322        3 2011 CENTRAL       5.13000
## 4323        4 2012 CENTRAL      10.44000
## 4324        5 2013 CENTRAL      24.99000
## 4325        1 2009 CENTRAL       3.26040
## 4326        2 2010 CENTRAL       7.02000
## 4327        3 2011 CENTRAL       8.67000
## 4328        4 2012 CENTRAL      13.53000
## 4329        5 2013 CENTRAL      23.50000
## 4330        1 2009 CENTRAL       4.89300
## 4331        2 2010 CENTRAL       5.52000
## 4332        3 2011 CENTRAL       7.50000
## 4333        4 2012 CENTRAL      21.56000
## 4334        5 2013 CENTRAL      21.93000
## 4335        1 2009 CENTRAL       2.10000
## 4336        2 2010 CENTRAL       2.10000
## 4337        3 2011 CENTRAL       2.70000
## 4338        4 2012 CENTRAL       4.00000
## 4339        5 2013 CENTRAL       9.00000
## 4340        1 2009 CENTRAL       6.27750
## 4341        2 2010 CENTRAL       6.09000
## 4342        3 2011 CENTRAL       6.50000
## 4343        4 2012 CENTRAL       8.10000
## 4344        5 2013 CENTRAL      14.76000
## 4345        1 2009 CENTRAL       2.24000
## 4346        2 2010 CENTRAL       3.20000
## 4347        3 2011 CENTRAL       3.04000
## 4348        4 2012 CENTRAL       6.67000
## 4349        5 2013 CENTRAL      12.96000
## 4350        1 2009 CENTRAL       2.88750
## 4351        2 2010 CENTRAL       4.20000
## 4352        3 2011 CENTRAL       5.04000
## 4353        4 2012 CENTRAL       8.99000
## 4354        5 2013 CENTRAL       7.00000
## 4355        1 2009 CENTRAL       3.90600
```

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## 4356     2 2010 CENTRAL     10.56000
## 4357     3 2011 CENTRAL      8.12000
## 4358     4 2012 CENTRAL     10.24000
## 4359     5 2013 CENTRAL     11.89000
## 4360     1 2009 CENTRAL      0.45500
## 4361     2 2010 CENTRAL      0.48000
## 4362     3 2011 CENTRAL      1.30000
## 4363     4 2012 CENTRAL      3.20000
## 4364     5 2013 CENTRAL      8.70000
## 4365     1 2009 CENTRAL      5.80770
## 4366     2 2010 CENTRAL      8.91000
## 4367     3 2011 CENTRAL      8.68000
## 4368     4 2012 CENTRAL     15.58000
## 4369     5 2013 CENTRAL     10.23000
## 4370     1 2009 CENTRAL      1.33400
## 4371     2 2010 CENTRAL      1.50000
## 4372     3 2011 CENTRAL      1.68000
## 4373     4 2012 CENTRAL      1.92000
## 4374     5 2013 CENTRAL      3.99000
## 4375     1 2009 CENTRAL      1.15640
## 4376     2 2010 CENTRAL      1.50000
## 4377     3 2011 CENTRAL      1.20000
## 4378     4 2012 CENTRAL      1.32000
## 4379     5 2013 CENTRAL      8.37000
## 4380     1 2009 CENTRAL      2.28000
## 4381     2 2010 CENTRAL      0.88000
## 4382     3 2011 CENTRAL      1.17000
## 4383     4 2012 CENTRAL      5.50000
## 4384     5 2013 CENTRAL      6.21000
## 4385     1 2009 CENTRAL      0.60000
## 4386     2 2010 CENTRAL      0.99000
## 4387     3 2011 CENTRAL      0.70000
## 4388     4 2012 CENTRAL      2.85000
## 4389     5 2013 CENTRAL      5.52000
## 4390     1 2009 CENTRAL      1.98750
## 4391     2 2010 CENTRAL      1.80000
## 4392     3 2011 CENTRAL      1.10000
## 4393     4 2012 CENTRAL      1.30000
## 4394     5 2013 CENTRAL      1.21000
## 4395     1 2009 CENTRAL     22.70400
## 4396     2 2010 CENTRAL     42.21000
## 4397     3 2011 CENTRAL     42.56000
## 4398     4 2012 CENTRAL     49.00000
## 4399     5 2013 CENTRAL     63.99000
## 4400     1 2009 CENTRAL      7.98660
## 4401     2 2010 CENTRAL     32.76000
## 4402     3 2011 CENTRAL     41.30000
## 4403     4 2012 CENTRAL     45.50000
## 4404     5 2013 CENTRAL     57.67000
## 4405     1 2009 CENTRAL     12.59280
## 4406     2 2010 CENTRAL     14.35000
## 4407     3 2011 CENTRAL     11.28000
## 4408     4 2012 CENTRAL     20.00000
## 4409     5 2013 CENTRAL     27.00000
```

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## 4410       1 2009 CENTRAL     3.60000
## 4411       2 2010 CENTRAL     2.94000
## 4412       3 2011 CENTRAL     6.44000
## 4413       4 2012 CENTRAL    10.20000
## 4414       5 2013 CENTRAL     8.70000
## 4415       1 2009 CENTRAL    23.00000
## 4416       2 2010 CENTRAL    18.06000
## 4417       3 2011 CENTRAL     8.96000
## 4418       4 2012 CENTRAL    25.50000
## 4419       5 2013 CENTRAL          NA
## 4420       1 2009 CENTRAL    32.86000
## 4421       2 2010 CENTRAL    20.25000
## 4422       3 2011 CENTRAL    20.70000
## 4423       4 2012 CENTRAL    26.50000
## 4424       5 2013 CENTRAL    29.15000
## 4425       1 2009 CENTRAL     7.67000
## 4426       2 2010 CENTRAL     7.02000
## 4427       3 2011 CENTRAL     6.75000
## 4428       4 2012 CENTRAL     9.00000
## 4429       5 2013 CENTRAL     6.75000
## 4430       1 2009 CENTRAL     2.88000
## 4431       2 2010 CENTRAL     8.32000
## 4432       3 2011 CENTRAL     9.38400
## 4433       4 2012 CENTRAL     7.68000
## 4434       5 2013 CENTRAL          NA
## 4435       1 2009 CENTRAL     6.48000
## 4436       2 2010 CENTRAL     8.12000
## 4437       3 2011 CENTRAL    12.21000
## 4438       4 2012 CENTRAL    16.40000
## 4439       5 2013 CENTRAL    27.50000
## 4440       1 2009 CENTRAL     3.78000
## 4441       2 2010 CENTRAL     4.40000
## 4442       3 2011 CENTRAL     7.59000
## 4443       4 2012 CENTRAL     5.52000
## 4444       5 2013 CENTRAL     8.10000
## 4445       1 2009 CENTRAL     4.56000
## 4446       2 2010 CENTRAL     4.18000
## 4447       3 2011 CENTRAL     6.72000
## 4448       4 2012 CENTRAL     7.28000
## 4449       5 2013 CENTRAL     8.96000
## 4450       1 2009 CENTRAL     1.43000
## 4451       2 2010 CENTRAL     2.24000
## 4452       3 2011 CENTRAL     3.99000
## 4453       4 2012 CENTRAL     2.70000
## 4454       5 2013 CENTRAL     5.04000
## 4455       1 2009 CENTRAL     3.50000
## 4456       2 2010 CENTRAL     8.12000
## 4457       3 2011 CENTRAL    20.91000
## 4458       4 2012 CENTRAL    26.50000
## 4459       5 2013 CENTRAL    15.84000
## 4460       1 2009 CENTRAL     1.04500
## 4461       2 2010 CENTRAL     3.04000
## 4462       3 2011 CENTRAL    11.02000
## 4463       4 2012 CENTRAL    33.00000
```

```
## 4464    5 2013 CENTRAL     8.10000
## 4465    1 2009 CENTRAL     6.24000
## 4466    2 2010 CENTRAL     7.25000
## 4467    3 2011 CENTRAL    18.04000
## 4468    4 2012 CENTRAL    28.00000
## 4469    5 2013 CENTRAL    33.92000
## 4470    1 2009 CENTRAL     9.88000
## 4471    2 2010 CENTRAL    15.21000
## 4472    3 2011 CENTRAL    24.99000
## 4473    4 2012 CENTRAL    33.00000
## 4474    5 2013 CENTRAL    33.00000
## 4475    1 2009 CENTRAL    13.94000
## 4476    2 2010 CENTRAL    12.60000
## 4477    3 2011 CENTRAL    21.62000
## 4478    4 2012 CENTRAL    31.20000
## 4479    5 2013 CENTRAL    54.51000
## 4480    1 2009 CENTRAL     8.99000
## 4481    2 2010 CENTRAL     5.98000
## 4482    3 2011 CENTRAL    15.99000
## 4483    4 2012 CENTRAL    22.95000
## 4484    5 2013 CENTRAL    16.40000
## 4485    1 2009 CENTRAL     8.32000
## 4486    2 2010 CENTRAL    12.60000
## 4487    3 2011 CENTRAL    24.01000
## 4488    4 2012 CENTRAL    25.50000
## 4489    5 2013 CENTRAL    28.42000
## 4490    1 2009 CENTRAL     4.40000
## 4491    2 2010 CENTRAL     4.40000
## 4492    3 2011 CENTRAL     5.94000
## 4493    4 2012 CENTRAL    16.80000
## 4494    5 2013 CENTRAL     8.70000
## 4495    1 2009 CENTRAL     2.64000
## 4496    2 2010 CENTRAL     6.16000
## 4497    3 2011 CENTRAL    10.23000
## 4498    4 2012 CENTRAL    19.80000
## 4499    5 2013 CENTRAL    21.50000
## 4500    1 2009 CENTRAL     4.75000
## 4501    2 2010 CENTRAL     2.88000
## 4502    3 2011 CENTRAL     6.75000
## 4503    4 2012 CENTRAL    14.80000
## 4504    5 2013 CENTRAL     9.30000
## 4505    1 2009 CENTRAL     7.08000
## 4506    2 2010 CENTRAL     7.75000
## 4507    3 2011 CENTRAL    16.38000
## 4508    4 2012 CENTRAL    32.40000
## 4509    5 2013 CENTRAL    34.20000
## 4510    1 2009 CENTRAL     2.88000
## 4511    2 2010 CENTRAL     8.68000
## 4512    3 2011 CENTRAL    12.58000
## 4513    4 2012 CENTRAL    16.80000
## 4514    5 2013 CENTRAL    29.68000
## 4515    1 2009 CENTRAL     1.80000
## 4516    2 2010 CENTRAL     6.24000
## 4517    3 2011 CENTRAL     5.88000
```

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## 4518      4 2012 CENTRAL     10.56000
## 4519      5 2013 CENTRAL     11.88000
## 4520      1 2009 CENTRAL      4.80000
## 4521      2 2010 CENTRAL      6.38000
## 4522      3 2011 CENTRAL      9.92000
## 4523      4 2012 CENTRAL     13.86000
## 4524      5 2013 CENTRAL     19.27000
## 4525      1 2009 CENTRAL      6.44000
## 4526      2 2010 CENTRAL     13.65000
## 4527      3 2011 CENTRAL      7.83000
## 4528      4 2012 CENTRAL     20.24000
## 4529      5 2013 CENTRAL     15.19000
## 4530      1 2009 CENTRAL     10.27000
## 4531      2 2010 CENTRAL     20.21000
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## 4533      4 2012 CENTRAL     51.75000
## 4534      5 2013 CENTRAL     38.43000
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## 4536      2 2010 CENTRAL      2.40000
## 4537      3 2011 CENTRAL      2.94000
## 4538      4 2012 CENTRAL      8.70000
## 4539      5 2013 CENTRAL           NA
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## 4541      2 2010 CENTRAL      7.28000
## 4542      3 2011 CENTRAL      3.60000
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## 4557      3 2011 CENTRAL     16.40000
## 4558      4 2012 CENTRAL     20.00000
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## 4560      1 2009 CENTRAL      2.88000
## 4561      2 2010 CENTRAL      5.75000
## 4562      3 2011 CENTRAL     17.64000
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## 4564      5 2013 CENTRAL      6.82000
## 4565      1 2009 CENTRAL      0.12000
## 4566      2 2010 CENTRAL      1.05000
## 4567      3 2011 CENTRAL      0.88000
## 4568      4 2012 CENTRAL      3.00000
## 4569      5 2013 CENTRAL      3.06000
## 4570      1 2009 CENTRAL      0.80000
## 4571      2 2010 CENTRAL      0.56000
```

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## 4572      3 2011 CENTRAL     0.99000
## 4573      4 2012 CENTRAL     3.00000
## 4574      5 2013 CENTRAL     3.00000
## 4575      1 2009 CENTRAL     1.14000
## 4576      2 2010 CENTRAL     1.95000
## 4577      3 2011 CENTRAL     2.55000
## 4578      4 2012 CENTRAL     4.60000
## 4579      5 2013 CENTRAL     4.35000
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## 4581      2 2010 CENTRAL     1.87500
## 4582      3 2011 CENTRAL     6.24000
## 4583      4 2012 CENTRAL     6.24000
## 4584      5 2013 CENTRAL     6.90000
## 4585      1 2009 CENTRAL     4.32000
## 4586      2 2010 CENTRAL     3.36000
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## 4588      4 2012 CENTRAL     7.80000
## 4589      5 2013 CENTRAL     4.20000
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## 4592      3 2011 CENTRAL     2.66000
## 4593      4 2012 CENTRAL     3.80000
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## 4598      4 2012 CENTRAL     2.08000
## 4599      5 2013 CENTRAL     2.28000
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## 4601      2 2010 CENTRAL     7.28000
## 4602      3 2011 CENTRAL     7.83000
## 4603      4 2012 CENTRAL     7.50000
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## 4606      2 2010 CENTRAL    11.84000
## 4607      3 2011 CENTRAL          NA
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## 4609      5 2013 CENTRAL    12.16000
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## 4611      2 2010 CENTRAL     1.05000
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## 4615      1 2009 CENTRAL     7.00000
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## 4617      3 2011 CENTRAL    20.64000
## 4618      4 2012 CENTRAL    24.44000
## 4619      5 2013 CENTRAL    27.50000
## 4620      1 2009 CENTRAL    16.43000
## 4621      2 2010 CENTRAL    19.50000
## 4622      3 2011 CENTRAL    15.17000
## 4623      4 2012 CENTRAL    56.00000
## 4624      5 2013 CENTRAL    59.13000
## 4625      1 2009 CENTRAL     2.55000
```

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## 4626   2 2010 CENTRAL    5.52000
## 4627   3 2011 CENTRAL   11.90000
## 4628   4 2012 CENTRAL   14.80000
## 4629   5 2013 CENTRAL   19.32000
## 4630   1 2009 CENTRAL    9.30000
## 4631   2 2010 CENTRAL   10.80000
## 4632   3 2011 CENTRAL   27.03000
## 4633   4 2012 CENTRAL   25.65000
## 4634   5 2013 CENTRAL   20.58000
## 4635   1 2009 CENTRAL    2.85000
## 4636   2 2010 CENTRAL    6.38000
## 4637   3 2011 CENTRAL   14.72000
## 4638   4 2012 CENTRAL   11.52000
## 4639   5 2013 CENTRAL    8.70000
## 4640   1 2009 CENTRAL   17.15000
## 4641   2 2010 CENTRAL   24.64000
## 4642   3 2011 CENTRAL   33.06000
## 4643   4 2012 CENTRAL   46.20000
## 4644   5 2013 CENTRAL   71.89000
## 4645   1 2009 CENTRAL   17.63000
## 4646   2 2010 CENTRAL   20.40000
## 4647   3 2011 CENTRAL   23.97000
## 4648   4 2012 CENTRAL   37.80000
## 4649   5 2013 CENTRAL   43.55000
## 4650   1 2009 CENTRAL   12.60000
## 4651   2 2010 CENTRAL   14.43000
## 4652   3 2011 CENTRAL   25.44000
## 4653   4 2012 CENTRAL   75.00000
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## 4655   1 2009 CENTRAL    8.70000
## 4656   2 2010 CENTRAL    2.40500
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## 4658   4 2012 CENTRAL    5.28000
## 4659   5 2013 CENTRAL    8.70000
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## 4661   2 2010 CENTRAL   35.79750
## 4662   3 2011 CENTRAL   34.50000
## 4663   4 2012 CENTRAL   73.87000
## 4664   5 2013 CENTRAL   71.40000
## 4665   1 2009 CENTRAL    8.68000
## 4666   2 2010 CENTRAL   17.43000
## 4667   3 2011 CENTRAL   17.60000
## 4668   4 2012 CENTRAL   28.50000
## 4669   5 2013 CENTRAL   49.41000
## 4670   1 2009 CENTRAL    2.08000
## 4671   2 2010 CENTRAL    5.99250
## 4672   3 2011 CENTRAL    2.25000
## 4673   4 2012 CENTRAL    9.90000
## 4674   5 2013 CENTRAL   19.35000
## 4675   1 2009 CENTRAL    7.02000
## 4676   2 2010 CENTRAL   16.36250
## 4677   3 2011 CENTRAL   19.50000
## 4678   4 2012 CENTRAL   25.00000
## 4679   5 2013 CENTRAL   44.22000
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## 4683    4 2012 CENTRAL     14.96000
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## 4687    3 2011 CENTRAL      9.10000
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## 4690    1 2009 CENTRAL      4.68000
## 4691    2 2010 CENTRAL      6.18750
## 4692    3 2011 CENTRAL      5.50000
## 4693    4 2012 CENTRAL      9.00000
## 4694    5 2013 CENTRAL     14.82000
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## 4696    2 2010 CENTRAL      4.38750
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## 4701    2 2010 CENTRAL      2.01500
## 4702    3 2011 CENTRAL      1.54000
## 4703    4 2012 CENTRAL      4.60000
## 4704    5 2013 CENTRAL     15.75000
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## 4707    3 2011 CENTRAL     49.30000
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## 4709    5 2013 CENTRAL     50.37000
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## 4711    2 2010 CENTRAL     14.80000
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## 4713    4 2012 CENTRAL     15.54000
## 4714    5 2013 CENTRAL     18.62000
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## 4721    2 2010 CENTRAL     27.82000
## 4722    3 2011 CENTRAL     13.68000
## 4723    4 2012 CENTRAL           NA
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## 4727    3 2011 CENTRAL     21.00000
## 4728    4 2012 CENTRAL     37.20000
## 4729    5 2013 CENTRAL     45.14000
## 4730    1 2009 CENTRAL     32.94000
## 4731    2 2010 CENTRAL     30.24000
## 4732    3 2011 CENTRAL     28.56000
## 4733    4 2012 CENTRAL     45.50000
```

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## 4737    3 2011 CENTRAL    10.26000
## 4738    4 2012 CENTRAL    12.90000
## 4739    5 2013 CENTRAL    31.35000
## 4740    1 2009 CENTRAL    29.58000
## 4741    2 2010 CENTRAL    24.00000
## 4742    3 2011 CENTRAL    31.80000
## 4743    4 2012 CENTRAL    34.80000
## 4744    5 2013 CENTRAL    51.00000
## 4745    1 2009 CENTRAL    23.00000
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## 4748    4 2012 CENTRAL    30.50000
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## 4753    4 2012 CENTRAL    21.00000
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## 4758    4 2012 CENTRAL     3.23000
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## 4763    4 2012 CENTRAL        NA
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## 4767    3 2011 CENTRAL     4.32000
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## 4780    1 2009 CENTRAL     4.20000
## 4781    2 2010 CENTRAL     6.41250
## 4782    3 2011 CENTRAL     6.44000
## 4783    4 2012 CENTRAL     9.90000
## 4784    5 2013 CENTRAL    15.96000
## 4785    1 2009 CENTRAL     2.70000
## 4786    2 2010 CENTRAL     2.39250
## 4787    3 2011 CENTRAL     2.88000
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## 4788    4 2012 CENTRAL      4.00000
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## 4802    3 2011 CENTRAL      1.68000
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## 4806    2 2010 CENTRAL      4.71500
## 4807    3 2011 CENTRAL      4.73000
## 4808    4 2012 CENTRAL      9.90000
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## 4813    4 2012 CENTRAL     14.80000
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## 4816    2 2010 CENTRAL      1.56000
## 4817    3 2011 CENTRAL      0.96000
## 4818    4 2012 CENTRAL      1.30000
## 4819    5 2013 CENTRAL      0.45000
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## 4833    4 2012 CENTRAL      8.70000
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## 4835    1 2009 CENTRAL      8.68000
## 4836    2 2010 CENTRAL      9.44000
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## 4839    5 2013 CENTRAL     14.80000
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## 4841    2 2010 CENTRAL      1.43000
```

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## 4853    4 2012 CENTRAL     9.60000
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## 4858    4 2012 CENTRAL    11.70000
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## 4872    3 2011 CENTRAL     8.05000
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## 4878    4 2012 CENTRAL     6.30000
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## 4893    4 2012 CENTRAL     9.90000
## 4894    5 2013 CENTRAL    14.43000
## 4895    1 2009 CENTRAL     7.00000
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## 4911    2 2010 CENTRAL     3.96000
## 4912    3 2011 CENTRAL     8.37000
## 4913    4 2012 CENTRAL    20.58000
## 4914    5 2013 CENTRAL    33.28000
## 4915    1 2009 CENTRAL     6.20000
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## 4917    3 2011 CENTRAL     9.52000
## 4918    4 2012 CENTRAL    11.70000
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## 4931    2 2010 CENTRAL    16.40000
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## 4936    2 2010 CENTRAL     0.72000
## 4937    3 2011 CENTRAL     1.76000
## 4938    4 2012 CENTRAL     3.40000
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## 4944    5 2013 CENTRAL     0.99000
## 4945    1 2009 CENTRAL     5.06000
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## 4947    3 2011 CENTRAL     7.54000
## 4948    4 2012 CENTRAL     9.30000
## 4949    5 2013 CENTRAL     9.36000
```

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## 4959     5 2013 CENTRAL    5.20000
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## 4963     4 2012 CENTRAL    4.08000
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## 4965     1 2009 CENTRAL   18.88000
## 4966     2 2010 CENTRAL   10.56000
## 4967     3 2011 CENTRAL   16.34000
## 4968     4 2012 CENTRAL   20.00000
## 4969     5 2013 CENTRAL   27.54000
## 4970     1 2009 CENTRAL    8.64000
## 4971     2 2010 CENTRAL   17.20000
## 4972     3 2011 CENTRAL   15.58000
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## 4976     2 2010 CENTRAL    3.06000
## 4977     3 2011 CENTRAL    5.06000
## 4978     4 2012 CENTRAL    4.68000
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## 4987     3 2011 CENTRAL    3.74000
## 4988     4 2012 CENTRAL   15.20000
## 4989     5 2013 CENTRAL    4.20000
## 4990     1 2009 CENTRAL    1.40000
## 4991     2 2010 CENTRAL    1.50000
## 4992     3 2011 CENTRAL    2.99000
## 4993     4 2012 CENTRAL    2.72000
## 4994     5 2013 CENTRAL    3.06000
## 4995     1 2009 CENTRAL    0.80000
## 4996     2 2010 CENTRAL    1.56000
## 4997     3 2011 CENTRAL    1.20750
## 4998     4 2012 CENTRAL         NA
## 4999     5 2013 CENTRAL         NA
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## 5001     2 2010 CENTRAL    4.40750
## 5002     3 2011 CENTRAL    6.50000
## 5003     4 2012 CENTRAL   21.60000
```

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## 5005      1 2009 CENTRAL     3.52000
## 5006      2 2010 CENTRAL     2.32000
## 5007      3 2011 CENTRAL     2.40000
## 5008      4 2012 CENTRAL     6.76000
## 5009      5 2013 CENTRAL     3.99000
## 5010      1 2009 CENTRAL     2.88000
## 5011      2 2010 CENTRAL     4.92000
## 5012      3 2011 CENTRAL     1.56000
## 5013      4 2012 CENTRAL     3.57000
## 5014      5 2013 CENTRAL     3.61000
## 5015      1 2009 CENTRAL     1.99500
## 5016      2 2010 CENTRAL     4.23000
## 5017      3 2011 CENTRAL     1.54000
## 5018      4 2012 CENTRAL     2.55000
## 5019      5 2013 CENTRAL     0.88000
## 5020      1 2009 CENTRAL     2.03000
## 5021      2 2010 CENTRAL     2.73000
## 5022      3 2011 CENTRAL     1.54000
## 5023      4 2012 CENTRAL     4.20000
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## 5025      1 2009 CENTRAL     1.68000
## 5026      2 2010 CENTRAL     2.55000
## 5027      3 2011 CENTRAL     2.24000
## 5028      4 2012 CENTRAL          NA
## 5029      5 2013 CENTRAL          NA
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## 5031      2 2010 CENTRAL     1.87500
## 5032      3 2011 CENTRAL     1.56000
## 5033      4 2012 CENTRAL     2.97500
## 5034      5 2013 CENTRAL     4.37000
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## 5036      2 2010 CENTRAL     2.64000
## 5037      3 2011 CENTRAL     2.08000
## 5038      4 2012 CENTRAL     8.14350
## 5039      5 2013 CENTRAL     8.06000
## 5040      1 2009 CENTRAL     3.42000
## 5041      2 2010 CENTRAL     4.37000
## 5042      3 2011 CENTRAL     9.62000
## 5043      4 2012 CENTRAL    13.32000
## 5044      5 2013 CENTRAL    11.88000
## 5045      1 2009 CENTRAL     3.00000
## 5046      2 2010 CENTRAL     3.36000
## 5047      3 2011 CENTRAL     2.85000
## 5048      4 2012 CENTRAL     4.83000
## 5049      5 2013 CENTRAL     2.21000
## 5050      1 2009 CENTRAL     1.80000
## 5051      2 2010 CENTRAL     2.04000
## 5052      3 2011 CENTRAL     2.52000
## 5053      4 2012 CENTRAL     3.04000
## 5054      5 2013 CENTRAL     2.40000
## 5055      1 2009 CENTRAL     0.90000
## 5056      2 2010 CENTRAL     0.80750
## 5057      3 2011 CENTRAL     1.10000
```

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## 5058      4 2012 CENTRAL      3.02600
## 5059      5 2013 CENTRAL      2.66000
## 5060      1 2009 CENTRAL      0.49000
## 5061      2 2010 CENTRAL      0.21700
## 5062      3 2011 CENTRAL      0.08000
## 5063      4 2012 CENTRAL      0.45500
## 5064      5 2013 CENTRAL      1.21000
## 5065      1 2009 CENTRAL      2.70000
## 5066      2 2010 CENTRAL      1.92000
## 5067      3 2011 CENTRAL      1.95000
## 5068      4 2012 CENTRAL      2.17500
## 5069      5 2013 CENTRAL      2.21000
## 5070      1 2009 CENTRAL      4.92000
## 5071      2 2010 CENTRAL      4.40000
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## 5073      4 2012 CENTRAL     12.95000
## 5074      5 2013 CENTRAL      9.60000
## 5075      1 2009 CENTRAL      3.23000
## 5076      2 2010 CENTRAL      2.80000
## 5077      3 2011 CENTRAL      6.24000
## 5078      4 2012 CENTRAL      6.16000
## 5079      5 2013 CENTRAL      9.50000
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## 5081      2 2010 CENTRAL     15.04000
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## 5093      4 2012 CENTRAL     18.72000
## 5094      5 2013 CENTRAL     27.26000
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## 5096      2 2010 CENTRAL     13.26000
## 5097      3 2011 CENTRAL     15.60000
## 5098      4 2012 CENTRAL     10.20000
## 5099      5 2013 CENTRAL     24.48000
## 5100      1 2009 CENTRAL      2.10000
## 5101      2 2010 CENTRAL      1.95000
## 5102      3 2011 CENTRAL      1.33000
## 5103      4 2012 CENTRAL      2.88000
## 5104      5 2013 CENTRAL      7.28000
## 5105      1 2009 CENTRAL      2.88000
## 5106      2 2010 CENTRAL      4.18000
## 5107      3 2011 CENTRAL      5.28000
## 5108      4 2012 CENTRAL      8.40000
## 5109      5 2013 CENTRAL     20.58000
## 5110      1 2009 CENTRAL      1.82000
## 5111      2 2010 CENTRAL      2.03000
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## 5112        3 2011 CENTRAL      2.40000
## 5113        4 2012 CENTRAL      5.80000
## 5114        5 2013 CENTRAL      8.70000
## 5115        1 2009 CENTRAL      2.10000
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## 5118        4 2012 CENTRAL      8.70000
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## 5120        1 2009 CENTRAL     14.04000
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## 5122        3 2011 CENTRAL     28.56000
## 5123        4 2012 CENTRAL     20.40000
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## 5127        3 2011 CENTRAL      4.37000
## 5128        4 2012 CENTRAL      5.06000
## 5129        5 2013 CENTRAL      5.50000
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## 5163        4 2012 CENTRAL     11.75000
## 5164        5 2013 CENTRAL     38.86000
## 5165        1 2009 CENTRAL      4.56000
```

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## 5167      3 2011 CENTRAL      6.96000
## 5168      4 2012 CENTRAL      7.50000
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## 5174      5 2013 CENTRAL     11.20000
## 5175      1 2009 CENTRAL      8.37000
## 5176      2 2010 CENTRAL      9.80000
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## 5178      4 2012 CENTRAL      9.18000
## 5179      5 2013 CENTRAL     22.36000
## 5180      1 2009 CENTRAL     12.95000
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## 5183      4 2012 CENTRAL     21.93000
## 5184      5 2013 CENTRAL     65.12000
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## 5188      4 2012 CENTRAL     21.60000
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## 5194      5 2013 CENTRAL     23.03000
## 5195      1 2009 CENTRAL      3.80000
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## 5197      3 2011 CENTRAL      7.50000
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## 5199      5 2013 CENTRAL      6.16000
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## 5201      2 2010 CENTRAL      3.80000
## 5202      3 2011 CENTRAL      7.20000
## 5203      4 2012 CENTRAL      5.25000
## 5204      5 2013 CENTRAL      6.96000
## 5205      1 2009 CENTRAL      2.40000
## 5206      2 2010 CENTRAL      2.72000
## 5207      3 2011 CENTRAL      6.24000
## 5208      4 2012 CENTRAL      5.50000
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## 5215      1 2009 CENTRAL      4.60000
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## 5217      3 2011 CENTRAL      6.90000
## 5218      4 2012 CENTRAL     12.96000
## 5219      5 2013 CENTRAL     16.34000
```

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## 5221        2 2010 CENTRAL     1.43000
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## 5223        4 2012 CENTRAL     4.40000
## 5224        5 2013 CENTRAL          NA
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## 5226        2 2010 CENTRAL     8.96000
## 5227        3 2011 CENTRAL    12.21000
## 5228        4 2012 CENTRAL     2.60000
## 5229        5 2013 CENTRAL     4.83000
## 5230        1 2009 CENTRAL     1.56000
## 5231        2 2010 CENTRAL     1.26000
## 5232        3 2011 CENTRAL     1.02000
## 5233        4 2012 CENTRAL     3.20000
## 5234        5 2013 CENTRAL     5.04000
## 5235        1 2009 CENTRAL     0.67500
## 5236        2 2010 CENTRAL     0.60000
## 5237        3 2011 CENTRAL     1.32000
## 5238        4 2012 CENTRAL     8.80000
## 5239        5 2013 CENTRAL          NA
## 5240        1 2009 CENTRAL     2.94000
## 5241        2 2010 CENTRAL     2.25000
## 5242        3 2011 CENTRAL     2.42000
## 5243        4 2012 CENTRAL     2.72000
## 5244        5 2013 CENTRAL     4.37000
## 5245        1 2009 CENTRAL     0.88000
## 5246        2 2010 CENTRAL     0.88000
## 5247        3 2011 CENTRAL     1.56000
## 5248        4 2012 CENTRAL     3.42000
## 5249        5 2013 CENTRAL    10.15000
## 5250        1 2009 CENTRAL     3.23000
## 5251        2 2010 CENTRAL     2.40000
## 5252        3 2011 CENTRAL     1.69000
## 5253        4 2012 CENTRAL          NA
## 5254        5 2013 CENTRAL          NA
## 5255        1 2009 CENTRAL     5.46000
## 5256        2 2010 CENTRAL     6.00000
## 5257        3 2011 CENTRAL     8.99000
## 5258        4 2012 CENTRAL     7.02000
## 5259        5 2013 CENTRAL    10.23000
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## 5261        2 2010 CENTRAL     3.40000
## 5262        3 2011 CENTRAL     3.57000
## 5263        4 2012 CENTRAL     1.65000
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## 5267        3 2011 CENTRAL     2.08000
## 5268        4 2012 CENTRAL     3.99000
## 5269        5 2013 CENTRAL     5.72000
## 5270        1 2009 CENTRAL     3.15000
## 5271        2 2010 CENTRAL     3.00000
## 5272        3 2011 CENTRAL     3.74000
## 5273        4 2012 CENTRAL     5.50000
```

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## 5274    5 2013 CENTRAL    7.28000
## 5275    1 2009 CENTRAL    0.99000
## 5276    2 2010 CENTRAL    1.30000
## 5277    3 2011 CENTRAL    1.30000
## 5278    4 2012 CENTRAL    2.62500
## 5279    5 2013 CENTRAL    5.50000
## 5280    1 2009 CENTRAL    0.88000
## 5281    2 2010 CENTRAL    1.30000
## 5282    3 2011 CENTRAL    1.95000
## 5283    4 2012 CENTRAL    2.61000
## 5284    5 2013 CENTRAL    3.96000
## 5285    1 2009 CENTRAL    0.56000
## 5286    2 2010 CENTRAL    1.20000
## 5287    3 2011 CENTRAL    0.99000
## 5288    4 2012 CENTRAL    2.10000
## 5289    5 2013 CENTRAL    3.36000
## 5290    1 2009 CENTRAL    2.70000
## 5291    2 2010 CENTRAL    3.00000
## 5292    3 2011 CENTRAL    1.95000
## 5293    4 2012 CENTRAL    2.24000
## 5294    5 2013 CENTRAL    4.60000
## 5295    1 2009 CENTRAL   53.82000
## 5296    2 2010 CENTRAL   37.50000
## 5297    3 2011 CENTRAL   34.77000
## 5298    4 2012 CENTRAL    9.90000
## 5299    5 2013 CENTRAL   51.87000
## 5300    1 2009 CENTRAL   21.12000
## 5301    2 2010 CENTRAL   23.50000
## 5302    3 2011 CENTRAL   35.34000
## 5303    4 2012 CENTRAL   12.87000
## 5304    5 2013 CENTRAL   27.56000
## 5305    4 2012 CENTRAL   59.16000
## 5306   NA   NA    <NA>        NA
## 5307   NA   NA    <NA>        NA
## 5308   NA   NA    <NA>        NA
## 5309    1 2009   NORTH    4.62000
## 5310    2 2010   NORTH    6.00000
## 5311    3 2011   NORTH    6.50000
## 5312    4 2012   NORTH    1.87000
## 5313    5 2013   NORTH    7.65600
## 5314    1 2009   NORTH   15.60000
## 5315    2 2010   NORTH   18.04000
## 5316    3 2011   NORTH   15.40500
## 5317    4 2012   NORTH   19.80000
## 5318    5 2013   NORTH   32.49000
## 5319    1 2009   NORTH   13.68000
## 5320    2 2010   NORTH   20.70000
## 5321    3 2011   NORTH   31.90000
## 5322    4 2012   NORTH   22.56000
## 5323    5 2013   NORTH   29.58000
## 5324    1 2009   NORTH    9.76000
## 5325    2 2010   NORTH   15.17000
## 5326    3 2011   NORTH   15.20000
## 5327    4 2012   NORTH   23.50000
```

```
## 5328       5 2013    NORTH       23.32000
## 5329       1 2009    NORTH       12.24000
## 5330       2 2010    NORTH       22.09000
## 5331       3 2011    NORTH       20.58000
## 5332       4 2012    NORTH       30.24000
## 5333       5 2013    NORTH       34.45000
## 5334       1 2009    NORTH             NA
## 5335       2 2010    NORTH       22.00000
## 5336       3 2011    NORTH       36.60000
## 5337       4 2012    NORTH       33.00000
## 5338       5 2013    NORTH       46.20000
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## 5340       2 2010    NORTH       24.18000
## 5341       3 2011    NORTH       50.82600
## 5342       4 2012    NORTH       34.16000
## 5343       5 2013    NORTH       57.80000
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## 5345       2 2010    NORTH       13.12000
## 5346       3 2011    NORTH       14.62500
## 5347       4 2012    NORTH       20.68000
## 5348       5 2013    NORTH       30.68000
## 5349       1 2009    NORTH       28.91000
## 5350       2 2010    NORTH       20.68000
## 5351       3 2011    NORTH       32.94000
## 5352       4 2012    NORTH       44.85000
## 5353       5 2013    NORTH       48.30000
## 5354       1 2009    NORTH        9.30000
## 5355       2 2010    NORTH       19.20000
## 5356       3 2011    NORTH       27.93000
## 5357       4 2012    NORTH       26.22000
## 5358       5 2013    NORTH       36.58000
## 5359       1 2009    NORTH       11.90000
## 5360       2 2010    NORTH       18.72000
## 5361       3 2011    NORTH       33.04000
## 5362       4 2012    NORTH       29.58000
## 5363       5 2013    NORTH       50.16000
## 5364       1 2009    NORTH        5.50000
## 5365       2 2010    NORTH       10.40000
## 5366       3 2011    NORTH       14.08000
## 5367       4 2012    NORTH       16.17000
## 5368       5 2013    NORTH       27.00000
## 5369       1 2009    NORTH        1.95000
## 5370       2 2010    NORTH        2.80500
## 5371       3 2011    NORTH        6.50000
## 5372       4 2012    NORTH        7.50000
## 5373       5 2013    NORTH        8.40000
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## 5375       2 2010    NORTH        8.10000
## 5376       3 2011    NORTH       12.60000
## 5377       4 2012    NORTH       16.34000
## 5378       5 2013    NORTH       18.24000
## 5379       1 2009    NORTH        7.28000
## 5380       2 2010    NORTH       11.05500
## 5381       3 2011    NORTH       14.85000
```

```
## 5382      4 2012    NORTH      24.30000
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## 5384      1 2009    NORTH      20.70000
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## 5390      2 2010    NORTH      11.70000
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## 5392      4 2012    NORTH      19.35000
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## 5413      5 2013    NORTH      15.99000
## 5414      1 2009    NORTH       1.40000
## 5415      2 2010    NORTH       2.72000
## 5416      3 2011    NORTH       0.99000
## 5417      4 2012    NORTH       1.10000
## 5418      5 2013    NORTH       0.98000
## 5419      1 2009    NORTH       0.45000
## 5420      2 2010    NORTH       2.10000
## 5421      3 2011    NORTH       1.82000
## 5422      4 2012    NORTH       1.10000
## 5423      5 2013    NORTH       1.16600
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## 5428      5 2013    NORTH       5.06000
## 5429      1 2009    NORTH       1.44000
## 5430      2 2010    NORTH       1.80000
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## 5433      5 2013    NORTH      14.62000
## 5434      1 2009    NORTH       1.76000
## 5435      2 2010    NORTH       2.88000
```

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## 5436     3 2011    NORTH      4.94000
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## 5438     5 2013    NORTH      8.91000
## 5439     1 2009    NORTH      2.10000
## 5440     2 2010    NORTH      5.00000
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## 5456     3 2011    NORTH      8.58000
## 5457     4 2012    NORTH     12.21000
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## 5467     4 2012    NORTH      6.75000
## 5468     5 2013    NORTH     12.87000
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## 5470     2 2010    NORTH      1.43000
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## 5483     5 2013    NORTH     58.50400
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## 5485     2 2010    NORTH     11.84000
## 5486     3 2011    NORTH     16.80000
## 5487     4 2012    NORTH     14.06000
## 5488     5 2013    NORTH     21.70000
## 5489     1 2009    NORTH     11.89000
```

```
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## 5491    3 2011    NORTH    23.40000
## 5492    4 2012    NORTH    23.85000
## 5493    5 2013    NORTH    32.50000
## 5494    1 2009    NORTH    16.40000
## 5495    2 2010    NORTH    15.12000
## 5496    3 2011    NORTH    18.06000
## 5497    4 2012    NORTH    22.36000
## 5498    5 2013    NORTH    31.20000
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## 5500    2 2010    NORTH    23.03000
## 5501    3 2011    NORTH    23.76000
## 5502    4 2012    NORTH    31.00000
## 5503    5 2013    NORTH    27.73000
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## 5505    2 2010    NORTH    10.54000
## 5506    3 2011    NORTH    15.58000
## 5507    4 2012    NORTH    14.04000
## 5508    5 2013    NORTH    20.90000
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## 5510    2 2010    NORTH     3.40000
## 5511    3 2011    NORTH     4.83000
## 5512    4 2012    NORTH     4.83000
## 5513    5 2013    NORTH     7.00000
## 5514    1 2009    NORTH     1.95000
## 5515    2 2010    NORTH     2.72000
## 5516    3 2011    NORTH     5.28000
## 5517    4 2012    NORTH     8.10000
## 5518    5 2013    NORTH    19.11000
## 5519    1 2009    NORTH     2.52000
## 5520    2 2010    NORTH     3.40000
## 5521    3 2011    NORTH     5.06000
## 5522    4 2012    NORTH     3.74000
## 5523    5 2013    NORTH     5.98000
## 5524    1 2009    NORTH     6.96000
## 5525    2 2010    NORTH     7.15000
## 5526    3 2011    NORTH    10.88000
## 5527    4 2012    NORTH    12.80000
## 5528    5 2013    NORTH    30.78000
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## 5533    5 2013    NORTH    12.24000
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## 5535    2 2010    NORTH    20.91000
## 5536    3 2011    NORTH    33.00000
## 5537    4 2012    NORTH    30.50000
## 5538    5 2013    NORTH    24.96000
## 5539    1 2009    NORTH     7.54000
## 5540    2 2010    NORTH     9.99000
## 5541    3 2011    NORTH    18.00000
## 5542    4 2012    NORTH     7.00000
## 5543    5 2013    NORTH    26.32000
```

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## 5544    1 2009    NORTH     0.90000
## 5545    2 2010    NORTH     0.67500
## 5546    3 2011    NORTH     1.95000
## 5547    4 2012    NORTH     1.60000
## 5548    5 2013    NORTH     5.46000
## 5549    1 2009    NORTH     2.40000
## 5550    2 2010    NORTH     2.03000
## 5551    3 2011    NORTH     5.00000
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## 5553    5 2013    NORTH     7.28000
## 5554    1 2009    NORTH     1.65000
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## 5557    4 2012    NORTH     3.91000
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## 5561    3 2011    NORTH    40.88000
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## 5572    4 2012    NORTH    42.09000
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## 5574    1 2009    NORTH     3.45000
## 5575    2 2010    NORTH     5.88000
## 5576    3 2011    NORTH     8.10000
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## 5578    5 2013    NORTH     9.60000
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## 5580    2 2010    NORTH          NA
## 5581    3 2011    NORTH          NA
## 5582    4 2012    NORTH          NA
## 5583    5 2013    NORTH     5.67000
## 5584    1 2009    NORTH     5.94000
## 5585    2 2010    NORTH     1.82000
## 5586    3 2011    NORTH     6.44000
## 5587    4 2012    NORTH     6.00000
## 5588    5 2013    NORTH     9.88000
## 5589    1 2009    NORTH     4.00000
## 5590    2 2010    NORTH     2.24000
## 5591    3 2011    NORTH     1.43000
## 5592    4 2012    NORTH     4.83000
## 5593    5 2013    NORTH     9.45000
## 5594    1 2009    NORTH     2.08000
## 5595    2 2010    NORTH     1.35000
## 5596    3 2011    NORTH     1.68750
## 5597    4 2012    NORTH     1.30000
```

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## 5598    5 2013    NORTH     2.52000
## 5599    1 2009    NORTH     8.99000
## 5600    2 2010    NORTH    11.31000
## 5601    3 2011    NORTH    15.84000
## 5602    4 2012    NORTH    37.82000
## 5603    5 2013    NORTH    30.21000
## 5604    1 2009    NORTH     2.24000
## 5605    2 2010    NORTH     1.82000
## 5606    3 2011    NORTH     6.24000
## 5607    4 2012    NORTH     7.54000
## 5608    5 2013    NORTH     5.13000
## 5609    1 2009    NORTH     0.63000
## 5610    2 2010    NORTH     1.32000
## 5611    3 2011    NORTH     0.30000
## 5612    4 2012    NORTH     2.55000
## 5613    5 2013    NORTH     1.68000
## 5614    1 2009    NORTH     0.40000
## 5615    2 2010    NORTH     0.38500
## 5616    3 2011    NORTH     0.90000
## 5617    4 2012    NORTH     1.82000
## 5618    5 2013    NORTH     1.56000
## 5619    1 2009    NORTH     2.88000
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## 5623    5 2013    NORTH    11.16000
## 5624    1 2009    NORTH     2.55000
## 5625    2 2010    NORTH     1.74000
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## 5628    5 2013    NORTH     6.25000
## 5629    1 2009    NORTH     8.96000
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## 5636    3 2011    NORTH     1.56000
## 5637    4 2012    NORTH     2.97500
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## 5640    2 2010    NORTH     6.00000
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## 5642    4 2012    NORTH     3.14500
## 5643    5 2013    NORTH     7.54000
## 5644    1 2009    NORTH     4.20000
## 5645    2 2010    NORTH     5.52000
## 5646    3 2011    NORTH     5.04000
## 5647    4 2012    NORTH     3.20000
## 5648    5 2013    NORTH     8.96000
## 5649    1 2009    NORTH     3.96000
## 5650    2 2010    NORTH     6.50000
## 5651    3 2011    NORTH     2.24000
```

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## 5652       4 2012    NORTH       4.20000
## 5653       5 2013    NORTH       7.50000
## 5654       1 2009    NORTH       1.32000
## 5655       2 2010    NORTH       1.21000
## 5656       3 2011    NORTH       2.38000
## 5657       4 2012    NORTH       3.06000
## 5658       5 2013    NORTH       5.94000
## 5659       1 2009    NORTH       2.72000
## 5660       2 2010    NORTH       3.42000
## 5661       3 2011    NORTH       4.20000
## 5662       4 2012    NORTH       3.24000
## 5663       5 2013    NORTH       5.75000
## 5664       1 2009    NORTH       2.24000
## 5665       2 2010    NORTH       3.00000
## 5666       3 2011    NORTH       5.72000
## 5667       4 2012    NORTH       4.08000
## 5668       5 2013    NORTH       7.13000
## 5669       1 2009    NORTH       1.80000
## 5670       2 2010    NORTH       1.32000
## 5671       3 2011    NORTH       2.24000
## 5672       4 2012    NORTH       4.20000
## 5673       5 2013    NORTH       4.59000
## 5674       1 2009    NORTH       3.15000
## 5675       2 2010    NORTH       5.52000
## 5676       3 2011    NORTH       8.28000
## 5677       4 2012    NORTH       4.80000
## 5678       5 2013    NORTH       4.42000
## 5679       1 2009    NORTH       6.24000
## 5680       2 2010    NORTH       8.40000
## 5681       3 2011    NORTH      13.65000
## 5682       4 2012    NORTH      10.12500
## 5683       5 2013    NORTH      16.80000
## 5684       1 2009    NORTH      11.88000
## 5685       2 2010    NORTH      25.92000
## 5686       3 2011    NORTH      22.95000
## 5687       4 2012    NORTH      16.34000
## 5688       5 2013    NORTH      19.74000
## 5689       1 2009    NORTH      23.50000
## 5690       2 2010    NORTH      18.48000
## 5691       3 2011    NORTH      20.91000
## 5692       4 2012    NORTH      22.62000
## 5693       5 2013    NORTH      31.85000
## 5694       1 2009    NORTH      15.99000
## 5695       2 2010    NORTH      13.20000
## 5696       3 2011    NORTH      19.68000
## 5697       4 2012    NORTH      20.90000
## 5698       5 2013    NORTH      30.74000
## 5699       1 2009    NORTH      13.65000
## 5700       2 2010    NORTH      11.88000
## 5701       3 2011    NORTH      22.56000
## 5702       4 2012    NORTH      17.22000
## 5703       5 2013    NORTH      27.00000
## 5704       1 2009    NORTH      17.55000
## 5705       2 2010    NORTH      21.62000
```

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## 5706        3 2011     NORTH      26.88000
## 5707        4 2012     NORTH      31.86000
## 5708        5 2013     NORTH      27.56000
## 5709        1 2009     NORTH      11.56000
## 5710        2 2010     NORTH      15.30000
## 5711        3 2011     NORTH      21.56000
## 5712        4 2012     NORTH      11.16000
## 5713        5 2013     NORTH      14.96000
## 5714        1 2009     NORTH      18.06000
## 5715        2 2010     NORTH      27.00000
## 5716        3 2011     NORTH      36.60000
## 5717        4 2012     NORTH      26.88000
## 5718        5 2013     NORTH      43.92000
## 5719        1 2009     NORTH      23.85000
## 5720        2 2010     NORTH      22.88000
## 5721        3 2011     NORTH      29.76000
## 5722        4 2012     NORTH      30.09000
## 5723        5 2013     NORTH      45.54000
## 5724        1 2009     NORTH      18.80000
## 5725        2 2010     NORTH      21.12000
## 5726        3 2011     NORTH      24.48000
## 5727        4 2012     NORTH      23.00000
## 5728        5 2013     NORTH      52.54000
## 5729        1 2009     NORTH      19.78000
## 5730        2 2010     NORTH      23.50000
## 5731        3 2011     NORTH      25.50000
## 5732        4 2012     NORTH      15.05000
## 5733        5 2013     NORTH            NA
## 5734        1 2009     NORTH       8.85000
## 5735        2 2010     NORTH       9.30000
## 5736        3 2011     NORTH      15.58000
## 5737        4 2012     NORTH      11.90000
## 5738        5 2013     NORTH       5.72000
## 5739        1 2009     NORTH       4.23000
## 5740        2 2010     NORTH       3.36000
## 5741        3 2011     NORTH       3.06000
## 5742        4 2012     NORTH       3.48500
## 5743        5 2013     NORTH       4.62000
## 5744        1 2009     NORTH       2.31000
## 5745        2 2010     NORTH       2.10000
## 5746        3 2011     NORTH       4.32000
## 5747        4 2012     NORTH       2.21000
## 5748        5 2013     NORTH      20.24000
## 5749        1 2009     NORTH      15.20000
## 5750        2 2010     NORTH      13.30000
## 5751        3 2011     NORTH      31.68000
## 5752        4 2012     NORTH      16.80000
## 5753        5 2013     NORTH      22.54000
## 5754        1 2009     NORTH       4.56000
## 5755        2 2010     NORTH      14.43000
## 5756        3 2011     NORTH      14.52000
## 5757        4 2012     NORTH      14.82000
## 5758        5 2013     NORTH      18.72000
## 5759        1 2009     NORTH       2.47500
```

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## 5760     2 2010     NORTH      2.28000
## 5761     3 2011     NORTH      1.43000
## 5762     4 2012     NORTH      1.92000
## 5763     5 2013     NORTH      3.60000
## 5764     1 2009     NORTH     11.31000
## 5765     2 2010     NORTH     12.24000
## 5766     3 2011     NORTH      4.56000
## 5767     4 2012     NORTH      9.52000
## 5768     5 2013     NORTH     11.88000
## 5769     1 2009     NORTH      8.10000
## 5770     2 2010     NORTH     10.88000
## 5771     3 2011     NORTH     11.22000
## 5772     4 2012     NORTH     10.40000
## 5773     5 2013     NORTH     22.05000
## 5774     1 2009     NORTH      6.75000
## 5775     2 2010     NORTH     11.76000
## 5776     3 2011     NORTH     15.12000
## 5777     4 2012     NORTH     19.27000
## 5778     5 2013     NORTH     22.36000
## 5779     1 2009     NORTH      1.17000
## 5780     2 2010     NORTH      1.82000
## 5781     3 2011     NORTH      2.52000
## 5782     4 2012     NORTH      2.40000
## 5783     5 2013     NORTH      1.56000
## 5784     1 2009     NORTH      0.59500
## 5785     2 2010     NORTH      0.95200
## 5786     3 2011     NORTH      0.99000
## 5787     4 2012     NORTH      1.43000
## 5788     5 2013     NORTH      0.56000
## 5789     1 2009     NORTH      1.08500
## 5790     2 2010     NORTH      8.20000
## 5791     3 2011     NORTH      2.10000
## 5792     4 2012     NORTH      3.25000
## 5793     5 2013     NORTH      2.40000
## 5794     1 2009     NORTH      4.66200
## 5795     2 2010     NORTH      3.23000
## 5796     3 2011     NORTH      3.99000
## 5797     4 2012     NORTH      3.14500
## 5798     5 2013     NORTH      3.99000
## 5799     1 2009     NORTH      0.76500
## 5800     2 2010     NORTH      0.99750
## 5801     3 2011     NORTH      1.21000
## 5802     4 2012     NORTH      0.88000
## 5803     5 2013     NORTH      0.63000
## 5804     1 2009     NORTH      1.65750
## 5805     2 2010     NORTH      0.99750
## 5806     3 2011     NORTH      0.58500
## 5807     4 2012     NORTH      0.90000
## 5808     5 2013     NORTH      0.45000
## 5809     1 2009     NORTH      2.70000
## 5810     2 2010     NORTH      4.01400
## 5811     3 2011     NORTH      2.86000
## 5812     4 2012     NORTH      4.20000
## 5813     5 2013     NORTH      3.20000
```

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## 5814    1 2009    NORTH     0.52500
## 5815    2 2010    NORTH     0.42000
## 5816    3 2011    NORTH     0.80000
## 5817    4 2012    NORTH     0.59500
## 5818    5 2013    NORTH     0.45000
## 5819    1 2009    NORTH     1.43000
## 5820    2 2010    NORTH     0.97750
## 5821    3 2011    NORTH     1.71000
## 5822    4 2012    NORTH     0.67500
## 5823    5 2013    NORTH     0.40000
## 5824    1 2009    NORTH     1.26500
## 5825    2 2010    NORTH     1.14000
## 5826    3 2011    NORTH     1.56000
## 5827    4 2012    NORTH     1.38000
## 5828    5 2013    NORTH     1.76000
## 5829    1 2009    NORTH     6.50000
## 5830    2 2010    NORTH     7.28000
## 5831    3 2011    NORTH     6.90000
## 5832    4 2012    NORTH     9.90000
## 5833    5 2013    NORTH     8.40000
## 5834    1 2009    NORTH     2.40000
## 5835    2 2010    NORTH     1.32000
## 5836    3 2011    NORTH     2.86000
## 5837    4 2012    NORTH     4.20000
## 5838    5 2013    NORTH     3.57000
## 5839    1 2009    NORTH     1.20000
## 5840    2 2010    NORTH     0.67500
## 5841    3 2011    NORTH     0.88000
## 5842    4 2012    NORTH     1.56000
## 5843    5 2013    NORTH     1.65000
## 5844    1 2009    NORTH     1.75000
## 5845    2 2010    NORTH     1.40000
## 5846    3 2011    NORTH     1.80000
## 5847    4 2012    NORTH     5.63500
## 5848    5 2013    NORTH     7.80000
## 5849    1 2009    NORTH     1.15500
## 5850    2 2010    NORTH     0.99000
## 5851    3 2011    NORTH     0.90000
## 5852    4 2012    NORTH     2.55000
## 5853    5 2013    NORTH     3.80000
## 5854    1 2009    NORTH     5.51000
## 5855    2 2010    NORTH     5.29000
## 5856    3 2011    NORTH     2.73000
## 5857    4 2012    NORTH    10.89000
## 5858    5 2013    NORTH     8.58000
## 5859    1 2009    NORTH     5.64000
## 5860    2 2010    NORTH     6.75000
## 5861    3 2011    NORTH     6.40000
## 5862    4 2012    NORTH     9.90000
## 5863    5 2013    NORTH     1.56000
## 5864    1 2009    NORTH     1.57500
## 5865    2 2010    NORTH     2.55000
## 5866    3 2011    NORTH     1.43000
## 5867    4 2012    NORTH     0.99000
```

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## 5868     5 2013    NORTH      11.52000
## 5869     1 2009    NORTH       0.72000
## 5870     2 2010    NORTH       0.60500
## 5871     3 2011    NORTH       0.96000
## 5872     4 2012    NORTH       0.90000
## 5873     5 2013    NORTH       2.73000
## 5874     1 2009    NORTH      13.26000
## 5875     2 2010    NORTH      23.50000
## 5876     3 2011    NORTH      28.32000
## 5877     4 2012    NORTH      35.84000
## 5878     5 2013    NORTH      61.50000
## 5879     1 2009    NORTH      13.20000
## 5880     2 2010    NORTH      15.98000
## 5881     3 2011    NORTH      29.15000
## 5882     4 2012    NORTH      27.00000
## 5883     5 2013    NORTH      38.35000
## 5884     1 2009    NORTH       5.72000
## 5885     2 2010    NORTH       9.60000
## 5886     3 2011    NORTH      17.63000
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## 5889     1 2009    NORTH      38.34000
## 5890     2 2010    NORTH      51.06000
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## 5895     2 2010    NORTH      72.68000
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## 5897     4 2012    NORTH      70.55000
## 5898     5 2013    NORTH      69.66000
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## 5900     2 2010    NORTH      19.74000
## 5901     3 2011    NORTH      31.27000
## 5902     4 2012    NORTH      34.72000
## 5903     5 2013    NORTH      47.45000
## 5904     1 2009    NORTH      13.68000
## 5905     2 2010    NORTH       8.75000
## 5906     3 2011    NORTH       8.64000
## 5907     4 2012    NORTH      12.60000
## 5908     5 2013    NORTH      24.36000
## 5909     1 2009    NORTH      23.85000
## 5910     2 2010    NORTH      28.56000
## 5911     3 2011    NORTH      34.65000
## 5912     4 2012    NORTH      60.06000
## 5913     5 2013    NORTH      69.70000
## 5914     1 2009    NORTH       6.48000
## 5915     2 2010    NORTH       8.10000
## 5916     3 2011    NORTH       8.99000
## 5917     4 2012    NORTH      12.54000
## 5918     5 2013    NORTH      30.68000
## 5919     1 2009    NORTH       3.90000
## 5920     2 2010    NORTH       5.46000
## 5921     3 2011    NORTH       9.92000
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## 5922        4 2012    NORTH      14.40000
## 5923        5 2013    NORTH      18.62000
## 5924        1 2009    NORTH      13.68000
## 5925        2 2010    NORTH      17.48000
## 5926        3 2011    NORTH      22.50000
## 5927        4 2012    NORTH      24.20000
## 5928        5 2013    NORTH      60.00000
## 5929        1 2009    NORTH      32.34000
## 5930        2 2010    NORTH      35.20000
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## 5932        4 2012    NORTH      17.60000
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## 5936        3 2011    NORTH       3.80000
## 5937        4 2012    NORTH       8.10000
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## 5948        5 2013    NORTH      41.18000
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## 5950        2 2010    NORTH       3.80000
## 5951        3 2011    NORTH       5.04000
## 5952        4 2012    NORTH      78.02000
## 5953        5 2013    NORTH      63.96000
## 5954        1 2009    NORTH      12.95000
## 5955        2 2010    NORTH       8.00000
## 5956        3 2011    NORTH      15.96000
## 5957        4 2012    NORTH      28.60000
## 5958        5 2013    NORTH      53.90000
## 5959        1 2009    NORTH       5.04000
## 5960        2 2010    NORTH       9.28000
## 5961        3 2011    NORTH      18.45000
## 5962        4 2012    NORTH      18.90000
## 5963        5 2013    NORTH      29.15000
## 5964        1 2009    NORTH       6.21000
## 5965        2 2010    NORTH      13.68000
## 5966        3 2011    NORTH      12.58000
## 5967        4 2012    NORTH      15.12000
## 5968        5 2013    NORTH      19.78000
## 5969        1 2009    NORTH       1.54000
## 5970        2 2010    NORTH       4.72500
## 5971        3 2011    NORTH       8.70000
## 5972        4 2012    NORTH       6.24000
## 5973        5 2013    NORTH      12.00000
## 5974        1 2009    NORTH      10.80000
## 5975        2 2010    NORTH      19.35000
```

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## 5976       3 2011    NORTH    25.42000
## 5977       4 2012    NORTH    37.12000
## 5978       5 2013    NORTH    34.20000
## 5979       1 2009    NORTH     1.21000
## 5980       2 2010    NORTH     5.00000
## 5981       3 2011    NORTH     6.67000
## 5982       4 2012    NORTH     7.02000
## 5983       5 2013    NORTH    17.22000
## 5984       1 2009    NORTH     1.56000
## 5985       2 2010    NORTH     4.18000
## 5986       3 2011    NORTH     2.88000
## 5987       4 2012    NORTH     4.40000
## 5988       5 2013    NORTH     7.28000
## 5989       1 2009    NORTH     0.63000
## 5990       2 2010    NORTH     0.80000
## 5991       3 2011    NORTH     1.68000
## 5992       4 2012    NORTH     4.18000
## 5993       5 2013    NORTH    13.94000
## 5994       1 2009    NORTH     3.51500
## 5995       2 2010    NORTH     6.12000
## 5996       3 2011    NORTH     9.24000
## 5997       4 2012    NORTH    10.65000
## 5998       5 2013    NORTH    11.04000
## 5999       1 2009    NORTH     0.91000
## 6000       2 2010    NORTH     3.51000
## 6001       3 2011    NORTH     3.36000
## 6002       4 2012    NORTH     4.32000
## 6003       5 2013    NORTH    14.70000
## 6004       1 2009    NORTH     1.05000
## 6005       2 2010    NORTH     4.62000
## 6006       3 2011    NORTH     2.24000
## 6007       4 2012    NORTH    10.15000
## 6008       5 2013    NORTH    16.38000
## 6009       1 2009    NORTH     2.10000
## 6010       2 2010    NORTH     6.67000
## 6011       3 2011    NORTH     4.32000
## 6012       4 2012    NORTH     9.86000
## 6013       5 2013    NORTH    12.87000
## 6014       1 2009    NORTH     0.80000
## 6015       2 2010    NORTH     2.40000
## 6016       3 2011    NORTH     1.68000
## 6017       4 2012    NORTH     6.50000
## 6018       5 2013    NORTH    11.52040
## 6019       1 2009    NORTH     3.60000
## 6020       2 2010    NORTH     6.16000
## 6021       3 2011    NORTH     5.04000
## 6022       4 2012    NORTH     7.74000
## 6023       5 2013    NORTH    15.12000
## 6024       1 2009    NORTH     7.56000
## 6025       2 2010    NORTH     8.68000
## 6026       3 2011    NORTH    11.47000
## 6027       4 2012    NORTH     9.30000
## 6028       5 2013    NORTH    14.76000
## 6029       1 2009    NORTH     3.23000
```

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## 6030       2 2010     NORTH      3.00000
## 6031       3 2011     NORTH      5.28000
## 6032       4 2012     NORTH      4.62000
## 6033       5 2013     NORTH      9.92000
## 6034       1 2009     NORTH      1.25000
## 6035       2 2010     NORTH      0.45500
## 6036       3 2011     NORTH      1.32000
## 6037       4 2012     NORTH      1.10000
## 6038       5 2013     NORTH      6.00000
## 6039       1 2009     NORTH      3.04000
## 6040       2 2010     NORTH      3.85000
## 6041       3 2011     NORTH      4.83000
## 6042       4 2012     NORTH      4.95000
## 6043       5 2013     NORTH     13.39400
## 6044       1 2009     NORTH      1.95000
## 6045       2 2010     NORTH      2.47500
## 6046       3 2011     NORTH      2.24000
## 6047       4 2012     NORTH      5.00000
## 6048       5 2013     NORTH      9.92000
## 6049       1 2009     NORTH      6.00000
## 6050       2 2010     NORTH      5.75000
## 6051       3 2011     NORTH     12.09000
## 6052       4 2012     NORTH     18.48000
## 6053       5 2013     NORTH     29.58000
## 6054       1 2009     NORTH      2.24000
## 6055       2 2010     NORTH      3.80000
## 6056       3 2011     NORTH      2.34000
## 6057       4 2012     NORTH      9.30000
## 6058       5 2013     NORTH     11.76000
## 6059       1 2009     NORTH      1.95000
## 6060       2 2010     NORTH      5.25000
## 6061       3 2011     NORTH      3.06000
## 6062       4 2012     NORTH      4.41000
## 6063       5 2013     NORTH      4.50000
## 6064       1 2009     NORTH      6.60000
## 6065       2 2010     NORTH     31.95800
## 6066       3 2011     NORTH     23.50000
## 6067       4 2012     NORTH     33.60000
## 6068       5 2013     NORTH     41.28240
## 6069       1 2009     NORTH     26.00000
## 6070       2 2010     NORTH     12.54000
## 6071       3 2011     NORTH     46.15000
## 6072       4 2012     NORTH     51.10000
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## 6074       1 2009     NORTH     31.90000
## 6075       2 2010     NORTH     28.35000
## 6076       3 2011     NORTH     40.87000
## 6077       4 2012     NORTH     64.61000
## 6078       5 2013     NORTH     60.04000
## 6079       1 2009     NORTH      9.45000
## 6080       2 2010     NORTH     12.48000
## 6081       3 2011     NORTH     24.48000
## 6082       4 2012     NORTH     28.05000
## 6083       5 2013     NORTH     21.00000
```

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## 6084     1 2009    NORTH      21.15000
## 6085     2 2010    NORTH      36.60000
## 6086     3 2011    NORTH      52.14000
## 6087     4 2012    NORTH      40.26000
## 6088     5 2013    NORTH      46.16300
## 6089     1 2009    NORTH      11.31000
## 6090     2 2010    NORTH      13.30000
## 6091     3 2011    NORTH      22.50000
## 6092     4 2012    NORTH      23.32000
## 6093     5 2013    NORTH      24.48000
## 6094     1 2009    NORTH      15.17000
## 6095     2 2010    NORTH      13.30000
## 6096     3 2011    NORTH      21.07000
## 6097     4 2012    NORTH      26.00000
## 6098     5 2013    NORTH      25.16150
## 6099     1 2009    NORTH      24.01000
## 6100     2 2010    NORTH      38.34000
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## 6103     5 2013    NORTH      30.29400
## 6104     1 2009    NORTH      14.06000
## 6105     2 2010    NORTH      12.95000
## 6106     3 2011    NORTH      17.22000
## 6107     4 2012    NORTH      25.00000
## 6108     5 2013    NORTH      24.75000
## 6109     1 2009    NORTH       7.56000
## 6110     2 2010    NORTH       5.72000
## 6111     3 2011    NORTH       8.12000
## 6112     4 2012    NORTH      11.84000
## 6113     5 2013    NORTH      14.26800
## 6114     1 2009    NORTH      14.76000
## 6115     2 2010    NORTH      13.94000
## 6116     3 2011    NORTH      13.60000
## 6117     4 2012    NORTH      27.00000
## 6118     5 2013    NORTH      24.84000
## 6119     1 2009    NORTH       5.32000
## 6120     2 2010    NORTH       6.75000
## 6121     3 2011    NORTH      11.56000
## 6122     4 2012    NORTH      27.54000
## 6123     5 2013    NORTH      16.34000
## 6124     1 2009    NORTH       2.10000
## 6125     2 2010    NORTH       1.89000
## 6126     3 2011    NORTH       2.24000
## 6127     4 2012    NORTH       3.04000
## 6128     5 2013    NORTH       1.90000
## 6129     1 2009    NORTH       2.55000
## 6130     2 2010    NORTH       1.62500
## 6131     3 2011    NORTH       2.24000
## 6132     4 2012    NORTH       2.21000
## 6133     5 2013    NORTH       5.16000
## 6134     1 2009    NORTH       5.10000
## 6135     2 2010    NORTH       6.38000
## 6136     3 2011    NORTH       5.50000
## 6137     4 2012    NORTH       5.72000
```

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## 6138      5 2013    NORTH      12.24000
## 6139      1 2009    NORTH       1.56000
## 6140      2 2010    NORTH       3.23000
## 6141      3 2011    NORTH       2.72000
## 6142      4 2012    NORTH       6.00000
## 6143      5 2013    NORTH       5.72280
## 6144      1 2009    NORTH       2.38000
## 6145      2 2010    NORTH       1.56000
## 6146      3 2011    NORTH       1.92000
## 6147      4 2012    NORTH            NA
## 6148      5 2013    NORTH            NA
## 6149      1 2009    NORTH       0.82500
## 6150      2 2010    NORTH       0.52500
## 6151      3 2011    NORTH       0.70000
## 6152      4 2012    NORTH       0.54000
## 6153      5 2013    NORTH       0.50000
## 6154      1 2009    NORTH       2.31000
## 6155      2 2010    NORTH       0.27500
## 6156      3 2011    NORTH       0.56000
## 6157      4 2012    NORTH       0.30000
## 6158      5 2013    NORTH       1.06200
## 6159      1 2009    NORTH       2.34000
## 6160      2 2010    NORTH       1.17000
## 6161      3 2011    NORTH       1.44000
## 6162      4 2012    NORTH       4.48000
## 6163      5 2013    NORTH       4.60000
## 6164      1 2009    NORTH       3.04500
## 6165      2 2010    NORTH       1.20000
## 6166      3 2011    NORTH       1.90000
## 6167      4 2012    NORTH       0.63000
## 6168      5 2013    NORTH       0.60000
## 6169      1 2009    NORTH       2.10000
## 6170      2 2010    NORTH       1.68000
## 6171      3 2011    NORTH       1.68000
## 6172      4 2012    NORTH       1.10000
## 6173      5 2013    NORTH       1.56000
## 6174      1 2009    NORTH       1.17000
## 6175      2 2010    NORTH       0.63000
## 6176      3 2011    NORTH       0.49000
## 6177      4 2012    NORTH            NA
## 6178      5 2013    NORTH            NA
## 6179      1 2009    NORTH       8.64000
## 6180      2 2010    NORTH       7.28000
## 6181      3 2011    NORTH       9.90000
## 6182      4 2012    NORTH      10.20000
## 6183      5 2013    NORTH       8.37000
## 6184      1 2009    NORTH       2.88000
## 6185      2 2010    NORTH       1.95000
## 6186      3 2011    NORTH       2.89000
## 6187      4 2012    NORTH       5.75000
## 6188      5 2013    NORTH       6.05800
## 6189      1 2009    NORTH       1.56000
## 6190      2 2010    NORTH       1.95000
## 6191      3 2011    NORTH       1.65000
```

```
## 6192       4 2012    NORTH      2.10000
## 6193       5 2013    NORTH      2.66900
## 6194       1 2009    NORTH      6.24000
## 6195       2 2010    NORTH      5.04000
## 6196       3 2011    NORTH      4.83000
## 6197       4 2012    NORTH      7.25000
## 6198       5 2013    NORTH      7.90020
## 6199       1 2009    NORTH      3.42000
## 6200       2 2010    NORTH      3.78000
## 6201       3 2011    NORTH      3.62000
## 6202       4 2012    NORTH      2.89000
## 6203       5 2013    NORTH      4.83960
## 6204       1 2009    NORTH      1.82000
## 6205       2 2010    NORTH      2.55000
## 6206       3 2011    NORTH      2.52000
## 6207       4 2012    NORTH      4.62000
## 6208       5 2013    NORTH      3.44270
## 6209       1 2009    NORTH      3.80000
## 6210       2 2010    NORTH      3.06000
## 6211       3 2011    NORTH      3.60000
## 6212       4 2012    NORTH         NA
## 6213       5 2013    NORTH         NA
## 6214       1 2009    NORTH      1.50000
## 6215       2 2010    NORTH      2.24000
## 6216       3 2011    NORTH      1.20000
## 6217       4 2012    NORTH      2.21000
## 6218       5 2013    NORTH      3.12960
## 6219       1 2009    NORTH      1.68000
## 6220       2 2010    NORTH      1.56000
## 6221       3 2011    NORTH      1.82000
## 6222       4 2012    NORTH      1.10000
## 6223       5 2013    NORTH      3.56700
## 6224       1 2009    NORTH      3.78000
## 6225       2 2010    NORTH      2.88000
## 6226       3 2011    NORTH      8.84000
## 6227       4 2012    NORTH      6.50000
## 6228       5 2013    NORTH      8.99000
## 6229       1 2009    NORTH     11.55000
## 6230       2 2010    NORTH     22.95000
## 6231       3 2011    NORTH     23.32000
## 6232       4 2012    NORTH     12.92000
## 6233       5 2013    NORTH     22.44000
## 6234       1 2009    NORTH     18.13000
## 6235       2 2010    NORTH     28.05000
## 6236       3 2011    NORTH     28.20000
## 6237       4 2012    NORTH     28.05000
## 6238       5 2013    NORTH     27.44000
## 6239       1 2009    NORTH      8.58000
## 6240       2 2010    NORTH     15.54000
## 6241       3 2011    NORTH     15.20000
## 6242       4 2012    NORTH     13.60000
## 6243       5 2013    NORTH     19.60000
## 6244       1 2009    NORTH     16.10000
## 6245       2 2010    NORTH      8.64000
```

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## 6246        3 2011    NORTH      11.60000
## 6247        4 2012    NORTH            NA
## 6248        5 2013    NORTH            NA
## 6249        1 2009    NORTH      16.20000
## 6250        2 2010    NORTH      26.95000
## 6251        3 2011    NORTH      31.90000
## 6252        4 2012    NORTH      20.25000
## 6253        5 2013    NORTH      43.55000
## 6254        1 2009    NORTH      15.60000
## 6255        2 2010    NORTH      24.20000
## 6256        3 2011    NORTH      15.60000
## 6257        4 2012    NORTH      19.78000
## 6258        5 2013    NORTH      24.91000
## 6259        1 2009    NORTH       8.99000
## 6260        2 2010    NORTH       9.97500
## 6261        3 2011    NORTH      14.52000
## 6262        4 2012    NORTH      16.00000
## 6263        5 2013    NORTH      12.73000
## 6264        1 2009    NORTH      10.54000
## 6265        2 2010    NORTH       6.84000
## 6266        3 2011    NORTH      12.87000
## 6267        4 2012    NORTH       8.06000
## 6268        5 2013    NORTH       9.60000
## 6269        1 2009    NORTH       6.75000
## 6270        2 2010    NORTH       8.70000
## 6271        3 2011    NORTH       9.30000
## 6272        4 2012    NORTH       7.20000
## 6273        5 2013    NORTH       9.61000
## 6274        1 2009    NORTH       0.72000
## 6275        2 2010    NORTH            NA
## 6276        3 2011    NORTH            NA
## 6277        4 2012    NORTH       6.24000
## 6278        5 2013    NORTH      12.96000
## 6279        1 2009    NORTH       3.52000
## 6280        2 2010    NORTH       6.16000
## 6281        3 2011    NORTH      10.85000
## 6282        4 2012    NORTH       5.52000
## 6283        5 2013    NORTH       5.25000
## 6284        1 2009    NORTH       8.28000
## 6285        2 2010    NORTH       7.15500
## 6286        3 2011    NORTH       4.62000
## 6287        4 2012    NORTH      11.10000
## 6288        5 2013    NORTH      14.35000
## 6289        1 2009    NORTH       7.56000
## 6290        2 2010    NORTH       3.78000
## 6291        3 2011    NORTH       7.56000
## 6292        4 2012    NORTH      20.00000
## 6293        5 2013    NORTH      14.82000
## 6294        1 2009    NORTH       3.36000
## 6295        2 2010    NORTH       6.24000
## 6296        3 2011    NORTH       9.86000
## 6297        4 2012    NORTH      16.10000
## 6298        5 2013    NORTH      18.87000
## 6299        1 2009    NORTH       7.41000
```

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## 6300      2 2010    NORTH     8.64000
## 6301      3 2011    NORTH    15.05000
## 6302      4 2012    NORTH    25.52000
## 6303      5 2013    NORTH    27.84000
## 6304      1 2009    NORTH    13.30000
## 6305      2 2010    NORTH     7.20000
## 6306      3 2011    NORTH    11.88000
## 6307      4 2012    NORTH    33.06000
## 6308      5 2013    NORTH    18.45000
## 6309      1 2009    NORTH     3.06000
## 6310      2 2010    NORTH     2.55000
## 6311      3 2011    NORTH     3.40000
## 6312      4 2012    NORTH     9.02000
## 6313      5 2013    NORTH    12.16000
## 6314      1 2009    NORTH     8.10000
## 6315      2 2010    NORTH     8.10000
## 6316      3 2011    NORTH    13.53000
## 6317      4 2012    NORTH     7.00000
## 6318      5 2013    NORTH     7.56000
## 6319      1 2009    NORTH     3.40000
## 6320      2 2010    NORTH     3.40000
## 6321      3 2011    NORTH     3.80000
## 6322      4 2012    NORTH     3.20000
## 6323      5 2013    NORTH     4.92000
## 6324      1 2009    NORTH     2.52000
## 6325      2 2010    NORTH     3.04000
## 6326      3 2011    NORTH     4.18000
## 6327      4 2012    NORTH     4.08000
## 6328      5 2013    NORTH     7.83000
## 6329      1 2009    NORTH     7.75000
## 6330      2 2010    NORTH     7.92000
## 6331      3 2011    NORTH    11.16000
## 6332      4 2012    NORTH    16.72000
## 6333      5 2013    NORTH     3.99000
## 6334      1 2009    NORTH     3.99000
## 6335      2 2010    NORTH     7.44000
## 6336      3 2011    NORTH     8.84000
## 6337      4 2012    NORTH    21.15000
## 6338      5 2013    NORTH    10.80000
## 6339      1 2009    NORTH     0.63000
## 6340      2 2010    NORTH     1.32000
## 6341      3 2011    NORTH     1.62000
## 6342      4 2012    NORTH     2.24000
## 6343      5 2013    NORTH    12.58000
## 6344      1 2009    NORTH     0.33000
## 6345      2 2010    NORTH     1.65000
## 6346      3 2011    NORTH     1.98000
## 6347      4 2012    NORTH     5.70000
## 6348      5 2013    NORTH     2.70000
## 6349      1 2009    NORTH     2.40000
## 6350      2 2010    NORTH     2.68000
## 6351      3 2011    NORTH     1.95000
## 6352      4 2012    NORTH     1.92000
## 6353      5 2013    NORTH     3.60000
```

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## 6354      1 2009    NORTH       1.20000
## 6355      2 2010    NORTH      31.72000
## 6356      3 2011    NORTH      55.50000
## 6357      4 2012    NORTH       1.10000
## 6358      5 2013    NORTH       1.90000
## 6359      1 2009    NORTH      28.05000
## 6360      2 2010    NORTH      28.09000
## 6361      3 2011    NORTH      29.89000
## 6362      4 2012    NORTH      38.50000
## 6363      5 2013    NORTH      39.65000
## 6364      1 2009    NORTH       6.48000
## 6365      2 2010    NORTH       7.68000
## 6366      3 2011    NORTH      12.16000
## 6367      4 2012    NORTH      12.30000
## 6368      5 2013    NORTH      11.90000
## 6369      1 2009    NORTH       9.61000
## 6370      2 2010    NORTH            NA
## 6371      3 2011    NORTH            NA
## 6372      4 2012    NORTH            NA
## 6373      5 2013    NORTH            NA
## 6374      1 2009    NORTH       3.30000
## 6375      2 2010    NORTH       3.45000
## 6376      3 2011    NORTH       5.00000
## 6377      4 2012    NORTH       9.00000
## 6378      5 2013    NORTH       7.36000
## 6379      1 2009    NORTH       2.40000
## 6380      2 2010    NORTH       1.92000
## 6381      3 2011    NORTH       3.59100
## 6382      4 2012    NORTH       9.60000
## 6383      5 2013    NORTH       7.82000
## 6384      1 2009    NORTH       3.80000
## 6385      2 2010    NORTH       9.28000
## 6386      3 2011    NORTH       5.06000
## 6387      4 2012    NORTH      11.40000
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## 6390      2 2010    NORTH       3.22400
## 6391      3 2011    NORTH            NA
## 6392      4 2012    NORTH            NA
## 6393      5 2013    NORTH            NA
## 6394      1 2009    NORTH       5.46000
## 6395      2 2010    NORTH       4.90000
## 6396      3 2011    NORTH       1.36500
## 6397      4 2012    NORTH       4.14000
## 6398      5 2013    NORTH       4.00000
## 6399      1 2009    NORTH      17.64000
## 6400      2 2010    NORTH       9.18000
## 6401      3 2011    NORTH       8.72040
## 6402      4 2012    NORTH            NA
## 6403      5 2013    NORTH            NA
## 6404      1 2009    NORTH       3.00000
## 6405      2 2010    NORTH       1.60000
## 6406      3 2011    NORTH       1.78200
## 6407      4 2012    NORTH       2.40000
```

```
## 6408     5 2013    NORTH     1.30000
## 6409     1 2009    NORTH     0.90000
## 6410     2 2010    NORTH     1.05000
## 6411     3 2011    NORTH     0.52500
## 6412     4 2012    NORTH     1.32000
## 6413     5 2013    NORTH     0.45500
## 6414     1 2009    NORTH     1.68000
## 6415     2 2010    NORTH     3.36000
## 6416     3 2011    NORTH     3.91000
## 6417     4 2012    NORTH     1.43000
## 6418     5 2013    NORTH     1.96000
## 6419     1 2009    NORTH     3.06000
## 6420     2 2010    NORTH     7.02000
## 6421     3 2011    NORTH     6.00000
## 6422     4 2012    NORTH     4.40000
## 6423     5 2013    NORTH     4.18000
## 6424     1 2009    NORTH     4.40000
## 6425     2 2010    NORTH     6.48000
## 6426     3 2011    NORTH     4.72500
## 6427     4 2012    NORTH     8.12000
## 6428     5 2013    NORTH     3.80000
## 6429     1 2009    NORTH     4.94000
## 6430     2 2010    NORTH     4.34000
## 6431     3 2011    NORTH     3.70925
## 6432     4 2012    NORTH     3.40000
## 6433     5 2013    NORTH     5.46000
## 6434     1 2009    NORTH     3.04000
## 6435     2 2010    NORTH     3.23000
## 6436     3 2011    NORTH     2.83050
## 6437     4 2012    NORTH     2.52000
## 6438     5 2013    NORTH     1.82000
## 6439     1 2009    NORTH     1.32000
## 6440     2 2010    NORTH     3.40000
## 6441     3 2011    NORTH     2.94500
## 6442     4 2012    NORTH          NA
## 6443     5 2013    NORTH          NA
## 6444     1 2009    NORTH     3.74000
## 6445     2 2010    NORTH     5.06000
## 6446     3 2011    NORTH     3.48500
## 6447     4 2012    NORTH     4.40000
## 6448     5 2013    NORTH     5.88000
## 6449     1 2009    NORTH     3.06000
## 6450     2 2010    NORTH     7.80000
## 6451     3 2011    NORTH     4.37000
## 6452     4 2012    NORTH     4.68000
## 6453     5 2013    NORTH     4.84000
## 6454     1 2009    NORTH     2.10000
## 6455     2 2010    NORTH     4.62000
## 6456     3 2011    NORTH     5.04000
## 6457     4 2012    NORTH    17.20000
## 6458     5 2013    NORTH    14.40000
## 6459     1 2009    NORTH     5.20000
## 6460     2 2010    NORTH     4.80000
## 6461     3 2011    NORTH     5.06000
```

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## 6462     4 2012    NORTH     12.58000
## 6463     5 2013    NORTH      4.42000
## 6464     1 2009    NORTH      2.32000
## 6465     2 2010    NORTH      3.20000
## 6466     3 2011    NORTH      2.92400
## 6467     4 2012    NORTH      7.80000
## 6468     5 2013    NORTH      2.60000
## 6469     1 2009    NORTH      2.88000
## 6470     2 2010    NORTH      6.48000
## 6471     3 2011    NORTH      6.19500
## 6472     4 2012    NORTH      8.10000
## 6473     5 2013    NORTH      6.24000
## 6474     1 2009    NORTH      1.95000
## 6475     2 2010    NORTH      3.00000
## 6476     3 2011    NORTH      2.72000
## 6477     4 2012    NORTH      5.40000
## 6478     5 2013    NORTH      5.52000
## 6479     1 2009    NORTH      2.10000
## 6480     2 2010    NORTH      2.80000
## 6481     3 2011    NORTH      3.60000
## 6482     4 2012    NORTH      6.21000
## 6483     5 2013    NORTH      5.46000
## 6484     1 2009    NORTH      1.26000
## 6485     2 2010    NORTH      0.90000
## 6486     3 2011    NORTH      1.10000
## 6487     4 2012    NORTH      1.96000
## 6488     5 2013    NORTH      1.44000
## 6489     1 2009    NORTH      4.20000
## 6490     2 2010    NORTH      4.41000
## 6491     3 2011    NORTH      8.12000
## 6492     4 2012    NORTH      9.28000
## 6493     5 2013    NORTH          NA
## 6494     1 2009    NORTH     11.78000
## 6495     2 2010    NORTH      8.99000
## 6496     3 2011    NORTH     11.88000
## 6497     4 2012    NORTH     14.00000
## 6498     5 2013    NORTH      6.21000
## 6499     1 2009    NORTH      5.25000
## 6500     2 2010    NORTH      7.00000
## 6501     3 2011    NORTH      7.20000
## 6502     4 2012    NORTH      9.92000
## 6503     5 2013    NORTH     13.30000
## 6504     1 2009    NORTH     16.77000
## 6505     2 2010    NORTH     16.38000
## 6506     3 2011    NORTH     18.72000
## 6507     4 2012    NORTH     19.20000
## 6508     5 2013    NORTH     19.80000
## 6509     1 2009    NORTH     14.80000
## 6510     2 2010    NORTH     19.35000
## 6511     3 2011    NORTH     24.00000
## 6512     4 2012    NORTH      5.88000
## 6513     5 2013    NORTH     29.68000
## 6514     1 2009    NORTH     18.92000
## 6515     2 2010    NORTH     27.44000
```

```
## 6516      3 2011    NORTH    44.20000
## 6517      4 2012    NORTH    28.62000
## 6518      5 2013    NORTH    40.95000
## 6519      1 2009    NORTH    39.04000
## 6520      2 2010    NORTH    58.08000
## 6521      3 2011    NORTH    73.32000
## 6522      4 2012    NORTH    59.63000
## 6523      5 2013    NORTH    72.80000
## 6524      1 2009    NORTH    31.90000
## 6525      2 2010    NORTH    56.24000
## 6526      3 2011    NORTH    60.68000
## 6527      4 2012    NORTH    73.80000
## 6528      5 2013    NORTH    66.36000
## 6529      1 2009    NORTH    22.95000
## 6530      2 2010    NORTH    22.54000
## 6531      3 2011    NORTH    26.32000
## 6532      4 2012    NORTH    25.00000
## 6533      5 2013    NORTH    34.16000
## 6534      1 2009    NORTH    21.32000
## 6535      2 2010    NORTH    18.50000
## 6536      3 2011    NORTH    24.50000
## 6537      4 2012    NORTH    20.28000
## 6538      5 2013    NORTH    33.55000
## 6539      1 2009    NORTH     9.52000
## 6540      2 2010    NORTH    16.38000
## 6541      3 2011    NORTH    15.64000
## 6542      4 2012    NORTH    12.15000
## 6543      5 2013    NORTH    21.20000
## 6544      1 2009    NORTH    14.96000
## 6545      2 2010    NORTH     8.75000
## 6546      3 2011    NORTH    11.84000
## 6547      4 2012    NORTH    18.24000
## 6548      5 2013    NORTH    31.20000
## 6549      1 2009    NORTH    27.36000
## 6550      2 2010    NORTH    26.32000
## 6551      3 2011    NORTH    40.87000
## 6552      4 2012    NORTH    37.76000
## 6553      5 2013    NORTH    32.24000
## 6554      1 2009    NORTH     2.66000
## 6555      2 2010    NORTH     7.02000
## 6556      3 2011    NORTH    11.22000
## 6557      4 2012    NORTH     8.10000
## 6558      5 2013    NORTH    15.20000
## 6559      1 2009    NORTH    18.00000
## 6560      2 2010    NORTH    27.60000
## 6561      3 2011    NORTH    22.05000
## 6562      4 2012    NORTH    22.54000
## 6563      5 2013    NORTH    28.42000
## 6564      1 2009    NORTH    25.85000
## 6565      2 2010    NORTH    28.80000
## 6566      3 2011    NORTH    31.80000
## 6567      4 2012    NORTH    39.06000
## 6568      5 2013    NORTH    31.28000
## 6569      1 2009    NORTH     7.02000
```

```
## 6570   2 2010   NORTH    9.24000
## 6571   3 2011   NORTH    5.52000
## 6572   4 2012   NORTH    9.80000
## 6573   5 2013   NORTH   12.58000
## 6574   1 2009   NORTH    3.84000
## 6575   2 2010   NORTH    2.88000
## 6576   3 2011   NORTH    8.32000
## 6577   4 2012   NORTH    6.44000
## 6578   5 2013   NORTH    6.76000
## 6579   1 2009   NORTH    0.88000
## 6580   2 2010   NORTH    0.76500
## 6581   3 2011   NORTH    1.68000
## 6582   4 2012   NORTH         NA
## 6583   5 2013   NORTH         NA
## 6584   1 2009   NORTH    2.88000
## 6585   2 2010   NORTH    2.38000
## 6586   3 2011   NORTH    2.52000
## 6587   4 2012   NORTH    2.85000
## 6588   5 2013   NORTH    5.06000
## 6589   1 2009   NORTH    1.32000
## 6590   2 2010   NORTH    4.18000
## 6591   3 2011   NORTH    3.04000
## 6592   4 2012   NORTH    6.21000
## 6593   5 2013   NORTH    5.60000
## 6594   1 2009   NORTH    1.49500
## 6595   2 2010   NORTH    1.32000
## 6596   3 2011   NORTH    1.32000
## 6597   4 2012   NORTH    1.43000
## 6598   5 2013   NORTH    2.40000
## 6599   1 2009   NORTH    1.95000
## 6600   2 2010   NORTH    2.72000
## 6601   3 2011   NORTH    3.06000
## 6602   4 2012   NORTH    3.80000
## 6603   5 2013   NORTH    5.75000
## 6604   1 2009   NORTH    2.73000
## 6605   2 2010   NORTH    0.72000
## 6606   3 2011   NORTH    2.34000
## 6607   4 2012   NORTH         NA
## 6608   5 2013   NORTH         NA
## 6609   1 2009   NORTH    1.50000
## 6610   2 2010   NORTH    1.92000
## 6611   3 2011   NORTH    1.82000
## 6612   4 2012   NORTH    3.42000
## 6613   5 2013   NORTH    2.89000
## 6614   1 2009   NORTH    1.30000
## 6615   2 2010   NORTH    1.56000
## 6616   3 2011   NORTH    4.80000
## 6617   4 2012   NORTH    1.00000
## 6618   5 2013   NORTH    3.45000
## 6619   1 2009   NORTH    1.65000
## 6620   2 2010   NORTH    1.17000
## 6621   3 2011   NORTH    2.24000
## 6622   4 2012   NORTH    1.10000
## 6623   5 2013   NORTH    3.60000
```

```
## 6624       1 2009    NORTH       2.40000
## 6625       2 2010    NORTH       1.56000
## 6626       3 2011    NORTH       0.90000
## 6627       4 2012    NORTH       1.70000
## 6628       5 2013    NORTH       3.60000
## 6629       1 2009    NORTH       1.95000
## 6630       2 2010    NORTH       2.10000
## 6631       3 2011    NORTH       2.70000
## 6632       4 2012    NORTH       3.23000
## 6633       5 2013    NORTH       4.41000
## 6634       1 2009    NORTH       3.12000
## 6635       2 2010    NORTH       6.00000
## 6636       3 2011    NORTH       5.06000
## 6637       4 2012    NORTH       4.00000
## 6638       5 2013    NORTH       7.56000
## 6639       1 2009    NORTH       1.63800
## 6640       2 2010    NORTH       3.06000
## 6641       3 2011    NORTH       1.56000
## 6642       4 2012    NORTH       1.82000
## 6643       5 2013    NORTH            NA
## 6644       1 2009    NORTH       6.00000
## 6645       2 2010    NORTH       5.14500
## 6646       3 2011    NORTH       4.18000
## 6647       4 2012    NORTH            NA
## 6648       5 2013    NORTH            NA
## 6649       1 2009    NORTH       2.01500
## 6650       2 2010    NORTH       4.14000
## 6651       3 2011    NORTH       3.06000
## 6652       4 2012    NORTH       5.00000
## 6653       5 2013    NORTH       4.20000
## 6654       1 2009    NORTH       1.48500
## 6655       2 2010    NORTH       1.68000
## 6656       3 2011    NORTH       1.43000
## 6657       4 2012    NORTH       2.21000
## 6658       5 2013    NORTH       3.60000
## 6659       1 2009    NORTH       1.74000
## 6660       2 2010    NORTH       1.56000
## 6661       3 2011    NORTH       1.68000
## 6662       4 2012    NORTH            NA
## 6663       5 2013    NORTH            NA
## 6664       1 2009    NORTH       4.71750
## 6665       2 2010    NORTH       5.50000
## 6666       3 2011    NORTH       1.54000
## 6667       4 2012    NORTH            NA
## 6668       5 2013    NORTH            NA
## 6669       1 2009    NORTH       3.70500
## 6670       2 2010    NORTH       2.80000
## 6671       3 2011    NORTH       1.56000
## 6672       4 2012    NORTH       1.65000
## 6673       5 2013    NORTH       2.04000
## 6674       1 2009    NORTH       0.46500
## 6675       2 2010    NORTH       0.45500
## 6676       3 2011    NORTH       0.30000
## 6677       4 2012    NORTH            NA
```

```
## 6678     5 2013    NORTH        NA
## 6679     1 2009    NORTH    13.20000
## 6680     2 2010    NORTH    21.07000
## 6681     3 2011    NORTH    18.90000
## 6682     4 2012    NORTH    35.84000
## 6683     5 2013    NORTH    30.24000
## 6684     1 2009    NORTH    16.40000
## 6685     2 2010    NORTH    15.17000
## 6686     3 2011    NORTH    17.39000
## 6687     4 2012    NORTH    31.00000
## 6688     5 2013    NORTH    25.50000
## 6689     1 2009    NORTH     5.50000
## 6690     2 2010    NORTH     6.48000
## 6691     3 2011    NORTH     3.99000
## 6692     4 2012    NORTH     4.60000
## 6693     5 2013    NORTH     7.25000
## 6694     1 2009    NORTH    15.84000
## 6695     2 2010    NORTH    19.11000
## 6696     3 2011    NORTH    19.20000
## 6697     4 2012    NORTH    27.50000
## 6698     5 2013    NORTH    37.80000
## 6699     1 2009    NORTH     8.12000
## 6700     2 2010    NORTH     4.40000
## 6701     3 2011    NORTH     5.25000
## 6702     4 2012    NORTH     9.00000
## 6703     5 2013    NORTH     8.70000
## 6704     1 2009    NORTH    22.05000
## 6705     2 2010    NORTH    21.07000
## 6706     3 2011    NORTH    30.80000
## 6707     4 2012    NORTH    44.53000
## 6708     5 2013    NORTH    45.44000
## 6709     1 2009    NORTH    17.48000
## 6710     2 2010    NORTH    16.38000
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## 6713     5 2013    NORTH    16.40000
## 6714     1 2009    NORTH    12.24000
## 6715     2 2010    NORTH    15.40500
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## 6719     1 2009    NORTH     3.96000
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## 6722     4 2012    NORTH     9.57000
## 6723     5 2013    NORTH     8.10000
## 6724     1 2009    NORTH    15.12000
## 6725     2 2010    NORTH    14.04000
## 6726     3 2011    NORTH    24.44000
## 6727     4 2012    NORTH    18.72000
## 6728     5 2013    NORTH    16.20000
## 6729     1 2009    NORTH     8.99000
## 6730     2 2010    NORTH     9.90000
## 6731     3 2011    NORTH    11.20000
```

```
## 6732      4 2012    NORTH     14.40000
## 6733      5 2013    NORTH     19.80000
## 6734      1 2009    NORTH      6.50000
## 6735      2 2010    NORTH      9.61000
## 6736      3 2011    NORTH     13.32000
## 6737      4 2012    NORTH      8.32000
## 6738      5 2013    NORTH     16.00000
## 6739      1 2009    NORTH      8.68000
## 6740      2 2010    NORTH      8.55000
## 6741      3 2011    NORTH     14.80000
## 6742      4 2012    NORTH     17.20000
## 6743      5 2013    NORTH     10.56000
## 6744      1 2009    NORTH     20.40000
## 6745      2 2010    NORTH     19.78000
## 6746      3 2011    NORTH     20.16000
## 6747      4 2012    NORTH     25.00000
## 6748      5 2013    NORTH     20.24000
## 6749      1 2009    NORTH      8.40000
## 6750      2 2010    NORTH     20.25000
## 6751      3 2011    NORTH     35.10000
## 6752      4 2012    NORTH     32.40000
## 6753      5 2013    NORTH     39.00000
## 6754      1 2009    NORTH      1.65000
## 6755      2 2010    NORTH      6.35500
## 6756      3 2011    NORTH      5.65500
## 6757      4 2012    NORTH     45.36000
## 6758      5 2013    NORTH      6.25000
## 6759      1 2009    NORTH      9.80000
## 6760      2 2010    NORTH     14.04000
## 6761      3 2011    NORTH     25.30000
## 6762      4 2012    NORTH     37.80000
## 6763      5 2013    NORTH     30.60000
## 6764      1 2009    NORTH      9.44000
## 6765      2 2010    NORTH     10.20000
## 6766      3 2011    NORTH     19.38000
## 6767      4 2012    NORTH     23.50000
## 6768      5 2013    NORTH     23.50000
## 6769      1 2009    NORTH     16.92000
## 6770      2 2010    NORTH     11.90000
## 6771      3 2011    NORTH     18.24000
## 6772      4 2012    NORTH     16.40000
## 6773      5 2013    NORTH     25.44000
## 6774      1 2009    NORTH     16.38000
## 6775      2 2010    NORTH     26.00000
## 6776      3 2011    NORTH     31.86000
## 6777      4 2012    NORTH     30.00000
## 6778      5 2013    NORTH     32.48000
## 6779      1 2009    NORTH      5.10000
## 6780      2 2010    NORTH      3.28000
## 6781      3 2011    NORTH      5.50000
## 6782      4 2012    NORTH      6.67000
## 6783      5 2013    NORTH     11.88000
## 6784      1 2009    NORTH      2.48000
## 6785      2 2010    NORTH      1.43750
```

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## 6786         3 2011    NORTH     4.80000
## 6787         4 2012    NORTH    12.24000
## 6788         5 2013    NORTH     9.28000
## 6789         1 2009    NORTH     3.15000
## 6790         2 2010    NORTH     2.73000
## 6791         3 2011    NORTH     4.20000
## 6792         4 2012    NORTH     7.80000
## 6793         5 2013    NORTH     5.46000
## 6794         1 2009    NORTH     0.88000
## 6795         2 2010    NORTH     1.92000
## 6796         3 2011    NORTH     2.10000
## 6797         4 2012    NORTH     5.50000
## 6798         5 2013    NORTH     7.15500
## 6799         1 2009    NORTH     0.84000
## 6800         2 2010    NORTH     1.32000
## 6801         3 2011    NORTH     2.38000
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## 6803         5 2013    NORTH     5.06000
## 6804         1 2009    NORTH     8.37000
## 6805         2 2010    NORTH     9.30000
## 6806         3 2011    NORTH    14.80000
## 6807         4 2012    NORTH    31.36000
## 6808         5 2013    NORTH    26.55000
## 6809         1 2009    NORTH     2.28000
## 6810         2 2010    NORTH     3.15000
## 6811         3 2011    NORTH     5.00000
## 6812         4 2012    NORTH     9.30000
## 6813         5 2013    NORTH    10.64000
## 6814         1 2009    NORTH     1.26000
## 6815         2 2010    NORTH     1.43000
## 6816         3 2011    NORTH     2.70000
## 6817         4 2012    NORTH     7.50000
## 6818         5 2013    NORTH     4.42000
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## 6820         2 2010    NORTH     1.30000
## 6821         3 2011    NORTH     1.68000
## 6822         4 2012    NORTH     4.60000
## 6823         5 2013    NORTH    10.80000
## 6824         1 2009    NORTH     0.71250
## 6825         2 2010    NORTH     3.78000
## 6826         3 2011    NORTH     4.18000
## 6827         4 2012    NORTH    13.65000
## 6828         5 2013    NORTH     4.37000
## 6829         1 2009    NORTH     3.50000
## 6830         2 2010    NORTH     5.52000
## 6831         3 2011    NORTH     8.37000
## 6832         4 2012    NORTH     7.83000
## 6833         5 2013    NORTH     8.25000
## 6834         1 2009    NORTH    15.20000
## 6835         2 2010    NORTH     8.64000
## 6836         3 2011    NORTH    13.31250
## 6837         4 2012    NORTH    12.60000
## 6838         5 2013    NORTH    13.20000
## 6839         1 2009    NORTH     3.23000
```

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## 6840    2 2010    NORTH     5.28000
## 6841    3 2011    NORTH     7.54000
## 6842    4 2012    NORTH     6.90000
## 6843    5 2013    NORTH     4.40000
## 6844    1 2009    NORTH     5.28000
## 6845    2 2010    NORTH     4.62000
## 6846    3 2011    NORTH     4.20000
## 6847    4 2012    NORTH     6.96000
## 6848    5 2013    NORTH     4.56000
## 6849    1 2009    NORTH     6.16000
## 6850    2 2010    NORTH     5.50000
## 6851    3 2011    NORTH     5.50000
## 6852    4 2012    NORTH    16.80000
## 6853    5 2013    NORTH     7.44000
## 6854    1 2009    NORTH     0.81000
## 6855    2 2010    NORTH     1.10000
## 6856    3 2011    NORTH     1.80000
## 6857    4 2012    NORTH     3.80000
## 6858    5 2013    NORTH     1.43000
## 6859    1 2009    NORTH     8.50000
## 6860    2 2010    NORTH     7.00000
## 6861    3 2011    NORTH     7.80000
## 6862    4 2012    NORTH    12.80000
## 6863    5 2013    NORTH    10.88000
## 6864    1 2009    NORTH    10.08000
## 6865    2 2010    NORTH     7.84000
## 6866    3 2011    NORTH     7.70000
## 6867    4 2012    NORTH     9.60000
## 6868    5 2013    NORTH     7.50000
## 6869    1 2009    NORTH     4.80000
## 6870    2 2010    NORTH     5.16000
## 6871    3 2011    NORTH     5.75000
## 6872    4 2012    NORTH     6.24000
## 6873    5 2013    NORTH     7.54000
## 6874    1 2009    NORTH     0.72000
## 6875    2 2010    NORTH     1.33000
## 6876    3 2011    NORTH     1.70000
## 6877    4 2012    NORTH     3.20000
## 6878    5 2013    NORTH     5.28000
## 6879    1 2009    NORTH    23.00000
## 6880    2 2010    NORTH    25.30800
## 6881    3 2011    NORTH    24.80000
## 6882    4 2012    NORTH    37.80000
## 6883    5 2013    NORTH    37.20000
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## 6885    2 2010    NORTH     8.96000
## 6886    3 2011    NORTH    11.47000
## 6887    4 2012    NORTH    16.77000
## 6888    5 2013    NORTH     9.92000
## 6889    1 2009    NORTH    13.32000
## 6890    2 2010    NORTH    23.97000
## 6891    3 2011    NORTH    28.80000
## 6892    4 2012    NORTH    52.20000
## 6893    5 2013    NORTH    23.97000
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## 6894      1 2009    NORTH     10.36000
## 6895      2 2010    NORTH     15.54000
## 6896      3 2011    NORTH     17.48000
## 6897      4 2012    NORTH     23.97000
## 6898      1 2009    NORTH     41.58000
## 6899      2 2010    NORTH     61.50000
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## 6901      4 2012    NORTH     79.17000
## 6902      1 2009    NORTH     10.36000
## 6903      2 2010    NORTH     13.60000
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## 6905      4 2012    NORTH     15.91000
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## 6908      2 2010    NORTH     14.00000
## 6909      3 2011    NORTH     18.86000
## 6910      4 2012    NORTH     24.50000
## 6911      5 2013    NORTH     16.32000
## 6912      1 2009    NORTH     15.30000
## 6913      2 2010    NORTH     22.05000
## 6914      3 2011    NORTH     23.52000
## 6915      4 2012    NORTH     25.65000
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## 6927      3 2011    NORTH     10.56000
## 6928      4 2012    NORTH     16.77000
## 6929      5 2013    NORTH     12.16000
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## 6931      2 2010    NORTH      5.10600
## 6932      3 2011    NORTH      7.28000
## 6933      4 2012    NORTH      5.00000
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## 6935      1 2009    NORTH      7.02000
## 6936      2 2010    NORTH      7.42500
## 6937      3 2011    NORTH      7.02000
## 6938      4 2012    NORTH      9.57000
## 6939      5 2013    NORTH      9.80000
## 6940      1 2009    NORTH      7.80000
## 6941      2 2010    NORTH      6.50000
## 6942      3 2011    NORTH     13.26000
## 6943      4 2012    NORTH     15.64000
## 6944      1 2009    NORTH     12.95000
## 6945      2 2010    NORTH     12.95000
## 6946      3 2011    NORTH     15.58000
## 6947      4 2012    NORTH     14.40000
```

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## 6948      1 2009    NORTH     27.26000
## 6949      2 2010    NORTH     28.80000
## 6950      3 2011    NORTH     32.13000
## 6951      4 2012    NORTH     34.72000
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## 6953      1 2009    NORTH     24.96000
## 6954      2 2010    NORTH     24.08000
## 6955      3 2011    NORTH     30.87000
## 6956      4 2012    NORTH     30.24000
## 6957      1 2009    NORTH     14.35000
## 6958      2 2010    NORTH     16.80000
## 6959      3 2011    NORTH     20.21000
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## 6963      3 2011    NORTH     17.63000
## 6964      4 2012    NORTH     17.60000
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## 6966      2 2010    NORTH     27.56000
## 6967      3 2011    NORTH     21.46000
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## 6970      1 2009    NORTH      8.12000
## 6971      2 2010    NORTH     12.58000
## 6972      3 2011    NORTH     10.24000
## 6973      4 2012    NORTH     20.50000
## 6974      1 2009    NORTH      6.63000
## 6975      2 2010    NORTH      4.20000
## 6976      3 2011    NORTH      6.50000
## 6977      4 2012    NORTH     11.55000
## 6978      1 2009    NORTH      5.88000
## 6979      2 2010    NORTH      7.56000
## 6980      3 2011    NORTH     10.50000
## 6981      4 2012    NORTH     11.56000
## 6982      1 2009    NORTH      0.72000
## 6983      2 2010    NORTH      1.56000
## 6984      3 2011    NORTH      2.70000
## 6985      4 2012    NORTH          NA
## 6986      1 2009    NORTH      1.23500
## 6987      2 2010    NORTH      1.56000
## 6988      3 2011    NORTH     11.90000
## 6989      4 2012    NORTH          NA
## 6990      1 2009    NORTH      3.80000
## 6991      2 2010    NORTH      1.03500
## 6992      3 2011    NORTH      8.99000
## 6993      4 2012    NORTH          NA
## 6994      1 2009    NORTH      2.40000
## 6995      2 2010    NORTH      1.32000
## 6996      3 2011    NORTH      3.78000
## 6997      4 2012    NORTH      4.40000
## 6998      1 2009    NORTH      0.42000
## 6999      2 2010    NORTH      1.18750
## 7000      3 2011    NORTH      9.60000
## 7001      4 2012    NORTH     22.08000
```

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## 7002      1 2009     NORTH      1.95000
## 7003      2 2010     NORTH      0.32500
## 7004      3 2011     NORTH      8.25000
## 7005      4 2012     NORTH      1.10000
## 7006      1 2009     NORTH      2.09000
## 7007      2 2010     NORTH      3.15000
## 7008      3 2011     NORTH      2.43000
## 7009      4 2012     NORTH      4.32000
## 7010      1 2009     NORTH      2.60000
## 7011      2 2010     NORTH      1.87500
## 7012      3 2011     NORTH      6.00000
## 7013      4 2012     NORTH      6.96000
## 7014      1 2009     NORTH      0.82500
## 7015      2 2010     NORTH      0.72000
## 7016      3 2011     NORTH      5.52000
## 7017      4 2012     NORTH      1.80000
## 7018      1 2009     NORTH      0.85500
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## 7022      1 2009     NORTH      4.30500
## 7023      2 2010     NORTH      4.40000
## 7024      3 2011     NORTH      5.04000
## 7025      4 2012     NORTH      6.75000
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## 7027      1 2009     NORTH      2.72000
## 7028      2 2010     NORTH      2.62500
## 7029      3 2011     NORTH      3.04000
## 7030      4 2012     NORTH      4.41000
## 7031      5 2013     NORTH      4.37000
## 7032      1 2009     NORTH      8.10000
## 7033      2 2010     NORTH      2.97000
## 7034      3 2011     NORTH      0.45000
## 7035      4 2012     NORTH     14.70000
## 7036      5 2013     NORTH      6.93000
## 7037      1 2009     NORTH      0.88000
## 7038      2 2010     NORTH      2.10000
## 7039      3 2011     NORTH      2.10000
## 7040      4 2012     NORTH      2.10000
## 7041      5 2013     NORTH      4.64000
## 7042      1 2009     NORTH      1.56000
## 7043      2 2010     NORTH      1.30000
## 7044      3 2011     NORTH      2.25000
## 7045      4 2012     NORTH           NA
## 7046      5 2013     NORTH           NA
## 7047      1 2009     NORTH      3.06000
## 7048      2 2010     NORTH      2.16000
## 7049      3 2011     NORTH      4.20000
## 7050      4 2012     NORTH      3.60000
## 7051      5 2013     NORTH      4.83000
## 7052      1 2009     NORTH      0.72000
## 7053      2 2010     NORTH      3.23000
## 7054      3 2011     NORTH      0.90000
## 7055      4 2012     NORTH      0.25000
```

```
## 7056    5 2013    NORTH     0.24000
## 7057    1 2009    NORTH     4.60000
## 7058    2 2010    NORTH     3.80000
## 7059    3 2011    NORTH     3.00000
## 7060    4 2012    NORTH     3.57000
## 7061    5 2013    NORTH     3.57000
## 7062    1 2009    NORTH     3.61000
## 7063    2 2010    NORTH     7.29000
## 7064    3 2011    NORTH     6.25000
## 7065    4 2012    NORTH     7.13000
## 7066    5 2013    NORTH     5.29000
## 7067    1 2009    NORTH     3.80000
## 7068    2 2010    NORTH     2.72000
## 7069    3 2011    NORTH     3.00000
## 7070    4 2012    NORTH     1.96000
## 7071    5 2013    NORTH     4.41000
## 7072    1 2009    NORTH    14.06000
## 7073    2 2010    NORTH    16.00000
## 7074    3 2011    NORTH    25.50000
## 7075    4 2012    NORTH    27.00000
## 7076    5 2013    NORTH    28.05000
## 7077    1 2009    NORTH     3.23000
## 7078    2 2010    NORTH     3.23000
## 7079    3 2011    NORTH     6.75000
## 7080    4 2012    NORTH    10.44000
## 7081    5 2013    NORTH     8.84000
## 7082    1 2009    NORTH     3.30000
## 7083    2 2010    NORTH     3.78000
## 7084    3 2011    NORTH     5.04000
## 7085    4 2012    NORTH     4.20000
## 7086    5 2013    NORTH     5.50000
## 7087    1 2009    NORTH    21.93000
## 7088    2 2010    NORTH    24.48000
## 7089    3 2011    NORTH    31.90000
## 7090    4 2012    NORTH    28.60000
## 7091    5 2013    NORTH    20.24000
## 7092    1 2009    NORTH    33.04000
## 7093    2 2010    NORTH    28.56000
## 7094    3 2011    NORTH    41.54000
## 7095    4 2012    NORTH    38.28000
## 7096    5 2013    NORTH    28.50000
## 7097    1 2009    NORTH    16.17000
## 7098    2 2010    NORTH     8.64000
## 7099    3 2011    NORTH    18.06000
## 7100    4 2012    NORTH    21.78000
## 7101    5 2013    NORTH    21.56000
## 7102    1 2009    NORTH     5.40000
## 7103    2 2010    NORTH     5.72000
## 7104    3 2011    NORTH     6.00000
## 7105    4 2012    NORTH     6.00000
## 7106    5 2013    NORTH     4.56000
## 7107    1 2009    NORTH    17.55000
## 7108    2 2010    NORTH    19.80000
## 7109    3 2011    NORTH    25.97000
```

```
## 7110    4 2012    NORTH    22.88000
## 7111    5 2013    NORTH    14.76000
## 7112    1 2009    NORTH    14.40000
## 7113    2 2010    NORTH    11.16000
## 7114    3 2011    NORTH    19.80000
## 7115    4 2012    NORTH    19.20000
## 7116    5 2013    NORTH    20.24000
## 7117    1 2009    NORTH    14.04000
## 7118    2 2010    NORTH    12.21000
## 7119    3 2011    NORTH        NA
## 7120    4 2012    NORTH    21.12000
## 7121    5 2013    NORTH    24.50000
## 7122    1 2009    NORTH     5.94000
## 7123    2 2010    NORTH     5.32000
## 7124    3 2011    NORTH     6.96000
## 7125    4 2012    NORTH        NA
## 7126    5 2013    NORTH        NA
## 7127    1 2009    NORTH    16.56000
## 7128    2 2010    NORTH    16.78900
## 7129    3 2011    NORTH    21.62000
## 7130    4 2012    NORTH    21.50000
## 7131    5 2013    NORTH    18.00000
## 7132    1 2009    NORTH    19.50000
## 7133    2 2010    NORTH    40.56000
## 7134    3 2011    NORTH    29.58000
## 7135    4 2012    NORTH    21.93000
## 7136    5 2013    NORTH    27.50000
## 7137    1 2009    NORTH     8.10000
## 7138    2 2010    NORTH    24.42000
## 7139    3 2011    NORTH    12.09000
## 7140    4 2012    NORTH    14.00000
## 7141    5 2013    NORTH    11.88000
## 7142    1 2009    NORTH     5.04000
## 7143    2 2010    NORTH     6.75000
## 7144    3 2011    NORTH     6.16000
## 7145    4 2012    NORTH     8.70000
## 7146    5 2013    NORTH     6.76000
## 7147    1 2009    NORTH     8.68000
## 7148    2 2010    NORTH    10.88000
## 7149    3 2011    NORTH    14.28000
## 7150    4 2012    NORTH    19.78000
## 7151    5 2013    NORTH    16.40000
## 7152    1 2009    NORTH     3.80000
## 7153    2 2010    NORTH     7.54000
## 7154    3 2011    NORTH    10.08000
## 7155    4 2012    NORTH    14.70000
## 7156    5 2013    NORTH    22.50000
## 7157    1 2009    NORTH     6.75000
## 7158    2 2010    NORTH     7.83000
## 7159    3 2011    NORTH     7.54000
## 7160    4 2012    NORTH     7.20000
## 7161    5 2013    NORTH     5.29000
## 7162    1 2009    NORTH    24.36000
## 7163    2 2010    NORTH    20.80000
```

```
## 7164        3 2011    NORTH    33.00000
## 7165        4 2012    NORTH    35.64000
## 7166        5 2013    NORTH    33.63000
## 7167        1 2009    NORTH     8.23500
## 7168        2 2010    NORTH    14.63000
## 7169        3 2011    NORTH    16.40000
## 7170        4 2012    NORTH    20.64000
## 7171        5 2013    NORTH    30.60000
## 7172        1 2009    NORTH     1.44000
## 7173        2 2010    NORTH     1.56000
## 7174        3 2011    NORTH     1.20000
## 7175        4 2012    NORTH     0.72000
## 7176        5 2013    NORTH     0.48000
## 7177        1 2009    NORTH     0.63000
## 7178        2 2010    NORTH     1.82000
## 7179        3 2011    NORTH     0.56000
## 7180        4 2012    NORTH     1.56000
## 7181        5 2013    NORTH     1.17000
## 7182        1 2009    NORTH     4.83000
## 7183        2 2010    NORTH     1.62500
## 7184        3 2011    NORTH     3.60000
## 7185        4 2012    NORTH     6.21000
## 7186        5 2013    NORTH     1.43000
## 7187        1 2009    NORTH     3.89500
## 7188        2 2010    NORTH     1.56000
## 7189        3 2011    NORTH     2.21000
## 7190        4 2012    NORTH     2.89000
## 7191        5 2013    NORTH     1.68000
## 7192        1 2009    NORTH     3.23000
## 7193        2 2010    NORTH     0.56000
## 7194        3 2011    NORTH     1.12500
## 7195        4 2012    NORTH     1.43000
## 7196        5 2013    NORTH     0.40000
## 7197        1 2009    NORTH     1.82000
## 7198        2 2010    NORTH     1.72500
## 7199        3 2011    NORTH     1.56000
## 7200        4 2012    NORTH     1.56000
## 7201        5 2013    NORTH     1.10000
## 7202        1 2009    NORTH     4.93500
## 7203        2 2010    NORTH     3.80000
## 7204        3 2011    NORTH     5.28000
## 7205        4 2012    NORTH     3.42000
## 7206        5 2013    NORTH     6.24000
## 7207        1 2009    NORTH     0.31500
## 7208        2 2010    NORTH     0.39000
## 7209        3 2011    NORTH     0.35750
## 7210        4 2012    NORTH     0.54000
## 7211        5 2013    NORTH     1.21000
## 7212        1 2009    NORTH     1.80000
## 7213        2 2010    NORTH     0.28750
## 7214        3 2011    NORTH     1.15500
## 7215        4 2012    NORTH          NA
## 7216        5 2013    NORTH          NA
## 7217        1 2009    NORTH     1.56000
```

```
## 7218    2 2010    NORTH       4.93500
## 7219    3 2011    NORTH       1.82000
## 7220    4 2012    NORTH       4.20000
## 7221    5 2013    NORTH       0.77000
## 7222    1 2009    NORTH       1.68000
## 7223    2 2010    NORTH       0.95000
## 7224    3 2011    NORTH       1.32000
## 7225    4 2012    NORTH       3.20000
## 7226    5 2013    NORTH            NA
## 7227    1 2009    NORTH       1.80000
## 7228    2 2010    NORTH       0.68000
## 7229    3 2011    NORTH       6.50000
## 7230    4 2012    NORTH       5.52000
## 7231    5 2013    NORTH       7.00000
## 7232    1 2009    NORTH       4.62000
## 7233    2 2010    NORTH       1.56000
## 7234    3 2011    NORTH       1.54000
## 7235    4 2012    NORTH       2.60000
## 7236    5 2013    NORTH       2.60000
## 7237    1 2009    NORTH       2.38000
## 7238    2 2010    NORTH       2.10000
## 7239    3 2011    NORTH       7.36000
## 7240    4 2012    NORTH       3.60000
## 7241    5 2013    NORTH       3.99000
## 7242    1 2009    NORTH       0.72000
## 7243    2 2010    NORTH       0.18000
## 7244    3 2011    NORTH       2.72000
## 7245    4 2012    NORTH       5.98000
## 7246    5 2013    NORTH      12.48000
## 7247    1 2009    NORTH       0.80000
## 7248    2 2010    NORTH       0.22500
## 7249    3 2011    NORTH            NA
## 7250    4 2012    NORTH       0.90000
## 7251    5 2013    NORTH       2.52000
## 7252    1 2009    NORTH       2.59000
## 7253    2 2010    NORTH       3.15000
## 7254    3 2011    NORTH       3.57000
## 7255    4 2012    NORTH       4.68000
## 7256    5 2013    NORTH       3.00000
## 7257    1 2009    NORTH       4.27500
## 7258    2 2010    NORTH       5.04000
## 7259    3 2011    NORTH       5.04000
## 7260    4 2012    NORTH       5.52000
## 7261    5 2013    NORTH       2.88000
## 7262    1 2009    NORTH       4.80000
## 7263    2 2010    NORTH       5.28000
## 7264    3 2011    NORTH       3.80000
## 7265    4 2012    NORTH       6.50000
## 7266    5 2013    NORTH       4.20000
## 7267    1 2009    NORTH       1.56000
## 7268    2 2010    NORTH       0.59500
## 7269    3 2011    NORTH            NA
## 7270    4 2012    NORTH       6.51000
## 7271    5 2013    NORTH       5.00000
```

```
## 7272    1 2009    NORTH    18.50000
## 7273    2 2010    NORTH    19.80000
## 7274    3 2011    NORTH    23.00000
## 7275    4 2012    NORTH    36.60000
## 7276    5 2013    NORTH    31.92000
## 7277    1 2009    NORTH    14.06000
## 7278    2 2010    NORTH    17.02000
## 7279    3 2011    NORTH    18.48000
## 7280    4 2012    NORTH    18.72000
## 7281    5 2013    NORTH    27.44000
## 7282    1 2009    NORTH    19.74000
## 7283    2 2010    NORTH    20.80000
## 7284    3 2011    NORTH    34.30000
## 7285    4 2012    NORTH    28.00000
## 7286    5 2013    NORTH    28.56000
## 7287    1 2009    NORTH    14.19000
## 7288    2 2010    NORTH    21.60000
## 7289    3 2011    NORTH    21.42000
## 7290    4 2012    NORTH    31.62000
## 7291    5 2013    NORTH    41.58000
## 7292    1 2009    NORTH    11.90000
## 7293    2 2010    NORTH    12.54000
## 7294    3 2011    NORTH    13.44000
## 7295    4 2012    NORTH    19.68000
## 7296    5 2013    NORTH    14.80000
## 7297    1 2009    NORTH    15.96000
## 7298    2 2010    NORTH    18.04000
## 7299    3 2011    NORTH    23.50000
## 7300    4 2012    NORTH    10.54000
## 7301    5 2013    NORTH    24.99000
## 7302    1 2009    NORTH     8.00000
## 7303    2 2010    NORTH    10.88000
## 7304    3 2011    NORTH    18.13000
## 7305    4 2012    NORTH    14.40000
## 7306    5 2013    NORTH     9.92000
## 7307    1 2009    NORTH     6.40000
## 7308    2 2010    NORTH     4.20000
## 7309    3 2011    NORTH     5.29000
## 7310    4 2012    NORTH    22.08000
## 7311    5 2013    NORTH    23.10000
## 7312    1 2009    NORTH    10.23000
## 7313    2 2010    NORTH    12.92000
## 7314    3 2011    NORTH    23.00000
## 7315    4 2012    NORTH    16.40000
## 7316    5 2013    NORTH    24.20000
## 7317    1 2009    NORTH    13.94000
## 7318    2 2010    NORTH    12.21000
## 7319    3 2011    NORTH    13.30000
## 7320    4 2012    NORTH    20.21000
## 7321    5 2013    NORTH    20.58000
## 7322    1 2009    NORTH    22.08000
## 7323    2 2010    NORTH    24.44000
## 7324    3 2011    NORTH    25.50000
## 7325    4 2012    NORTH    35.51000
```

```
## 7326    5 2013    NORTH    38.43000
## 7327    1 2009    NORTH    26.00000
## 7328    2 2010    NORTH    14.06000
## 7329    3 2011    NORTH    12.88000
## 7330    4 2012    NORTH    23.10000
## 7331    5 2013    NORTH    26.88000
## 7332    1 2009    NORTH    19.00000
## 7333    2 2010    NORTH    14.06000
## 7334    3 2011    NORTH    26.79000
## 7335    4 2012    NORTH    12.90000
## 7336    5 2013    NORTH    17.22000
## 7337    1 2009    NORTH     8.00000
## 7338    2 2010    NORTH     4.50000
## 7339    3 2011    NORTH     8.91000
## 7340    4 2012    NORTH    11.88000
## 7341    5 2013    NORTH    11.55000
## 7342    1 2009    NORTH    18.40000
## 7343    2 2010    NORTH    22.05000
## 7344    3 2011    NORTH    31.20000
## 7345    4 2012    NORTH    26.50000
## 7346    5 2013    NORTH    23.76000
## 7347    1 2009    NORTH     6.00000
## 7348    2 2010    NORTH     6.72000
## 7349    3 2011    NORTH    12.60000
## 7350    4 2012    NORTH    17.10000
## 7351    5 2013    NORTH    19.32000
## 7352    1 2009    NORTH    19.80000
## 7353    2 2010    NORTH    24.00000
## 7354    3 2011    NORTH    30.68000
## 7355    4 2012    NORTH    23.00000
## 7356    5 2013    NORTH    33.60000
## 7357    1 2009    NORTH    17.22000
## 7358    2 2010    NORTH    20.14000
## 7359    3 2011    NORTH    28.02500
## 7360    4 2012    NORTH    36.60000
## 7361    5 2013    NORTH    42.88000
## 7362    1 2009    NORTH    25.97000
## 7363    2 2010    NORTH    25.37000
## 7364    3 2011    NORTH    28.32000
## 7365    4 2012    NORTH    29.68000
## 7366    5 2013    NORTH    27.56000
## 7367    1 2009    NORTH    10.56000
## 7368    2 2010    NORTH     6.75000
## 7369    3 2011    NORTH     9.80000
## 7370    4 2012    NORTH    20.58000
## 7371    5 2013    NORTH    27.00000
## 7372    1 2009    NORTH     2.52000
## 7373    2 2010    NORTH    10.08000
## 7374    3 2011    NORTH    19.78000
## 7375    4 2012    NORTH    18.06000
## 7376    5 2013    NORTH    21.32000
## 7377    1 2009    NORTH     1.35000
## 7378    2 2010    NORTH     0.88000
## 7379    3 2011    NORTH     2.38000
```

```
## 7380     4 2012    NORTH     1.50000
## 7381     5 2013    NORTH     2.08000
## 7382     1 2009    NORTH     1.82000
## 7383     2 2010    NORTH     2.55000
## 7384     3 2011    NORTH     3.15000
## 7385     4 2012    NORTH     4.83000
## 7386     5 2013    NORTH     4.40000
## 7387     1 2009    NORTH     6.24000
## 7388     2 2010    NORTH    18.00000
## 7389     3 2011    NORTH    11.34000
## 7390     4 2012    NORTH    21.50000
## 7391     5 2013    NORTH    16.77000
## 7392     1 2009    NORTH     8.64000
## 7393     2 2010    NORTH    10.54000
## 7394     3 2011    NORTH    11.48000
## 7395     4 2012    NORTH    27.50000
## 7396     5 2013    NORTH    28.32000
## 7397     1 2009    NORTH     0.63000
## 7398     2 2010    NORTH     4.10000
## 7399     3 2011    NORTH     1.25000
## 7400     4 2012    NORTH     1.82000
## 7401     5 2013    NORTH     1.56000
## 7402     1 2009    NORTH     3.80000
## 7403     2 2010    NORTH     7.00000
## 7404     3 2011    NORTH     4.32000
## 7405     4 2012    NORTH     6.25000
## 7406     5 2013    NORTH     1.68000
## 7407     1 2009    NORTH     2.94000
## 7408     2 2010    NORTH     2.31000
## 7409     3 2011    NORTH     4.50000
## 7410     4 2012    NORTH     7.50000
## 7411     5 2013    NORTH    15.17000
## 7412     1 2009    NORTH     0.96000
## 7413     2 2010    NORTH     1.10500
## 7414     3 2011    NORTH     1.08000
## 7415     4 2012    NORTH          NA
## 7416     5 2013    NORTH          NA
## 7417     1 2009    NORTH     2.40000
## 7418     2 2010    NORTH     1.43000
## 7419     3 2011    NORTH     2.94000
## 7420     4 2012    NORTH     5.75000
## 7421     5 2013    NORTH     5.40500
## 7422     1 2009    NORTH     1.80000
## 7423     2 2010    NORTH     1.82000
## 7424     3 2011    NORTH     1.81250
## 7425     4 2012    NORTH     1.92000
## 7426     5 2013    NORTH     5.52000
## 7427     1 2009    NORTH     2.47000
## 7428     2 2010    NORTH     4.83000
## 7429     3 2011    NORTH     6.11000
## 7430     4 2012    NORTH     7.83000
## 7431     5 2013    NORTH     6.30000
## 7432     1 2009    NORTH     3.89500
## 7433     2 2010    NORTH     6.50000
```

```
## 7434      3 2011    NORTH       4.00000
## 7435      4 2012    NORTH       6.48000
## 7436      5 2013    NORTH       6.48000
## 7437      1 2009    NORTH       2.10000
## 7438      2 2010    NORTH       2.21000
## 7439      3 2011    NORTH       2.94500
## 7440      4 2012    NORTH       4.20000
## 7441      5 2013    NORTH       4.41000
## 7442      1 2009    NORTH       3.80000
## 7443      2 2010    NORTH       3.51500
## 7444      3 2011    NORTH       5.50000
## 7445      4 2012    NORTH       6.44000
## 7446      5 2013    NORTH       7.50000
## 7447      1 2009    NORTH       3.84000
## 7448      2 2010    NORTH       4.00000
## 7449      3 2011    NORTH       3.80000
## 7450      4 2012    NORTH            NA
## 7451      5 2013    NORTH            NA
## 7452      1 2009    NORTH       6.00000
## 7453      2 2010    NORTH      13.68000
## 7454      3 2011    NORTH      12.92000
## 7455      4 2012    NORTH      12.71000
## 7456      5 2013    NORTH      13.32000
## 7457      1 2009    NORTH       3.04000
## 7458      2 2010    NORTH       3.60000
## 7459      3 2011    NORTH       3.60000
## 7460      4 2012    NORTH       2.75200
## 7461      5 2013    NORTH       4.14000
## 7462      1 2009    NORTH       1.32000
## 7463      2 2010    NORTH       2.03000
## 7464      3 2011    NORTH       2.52000
## 7465      4 2012    NORTH       2.89000
## 7466      5 2013    NORTH       5.80000
## 7467      1 2009    NORTH       1.08000
## 7468      2 2010    NORTH       1.89000
## 7469      3 2011    NORTH       1.43000
## 7470      4 2012    NORTH       3.44000
## 7471      5 2013    NORTH       2.99000
## 7472      1 2009    NORTH      29.50000
## 7473      2 2010    NORTH      33.48000
## 7474      3 2011    NORTH      43.12000
## 7475      4 2012    NORTH      55.20000
## 7476      5 2013    NORTH      30.49800
## 7477      1 2009    NORTH       5.13000
## 7478      2 2010    NORTH      12.54000
## 7479      3 2011    NORTH      25.80000
## 7480      4 2012    NORTH      14.80000
## 7481      5 2013    NORTH      19.08000
## 7482      1 2009    NORTH       5.89000
## 7483      2 2010    NORTH       6.00000
## 7484      3 2011    NORTH       5.06000
## 7485      4 2012    NORTH      12.30000
## 7486      5 2013    NORTH      10.08000
## 7487      5 2013    NORTH      31.32000
```

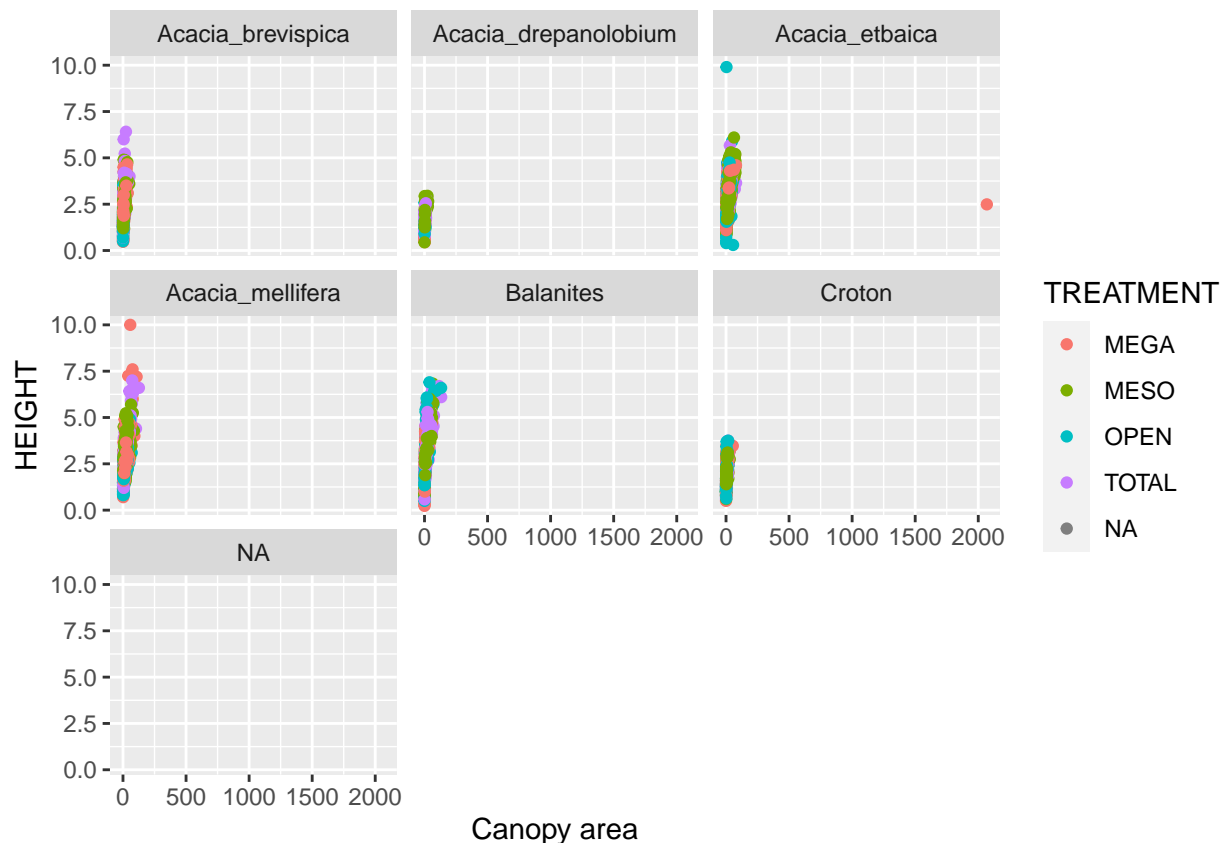```
7488   5 2013   NORTH   4.62000
7489   5 2013   NORTH   23.80000
7490   5 2013   NORTH   21.35000
7491   5 2013   NORTH   31.90000
7492   5 2013   NORTH   6.44000
7493   5 2013   NORTH   1.80000
7494   5 2013   NORTH   39.06000
7495   5 2013   NORTH   NA
7496   5 2013   NORTH   NA
7497   5 2013   NORTH   2.73000
7498   5 2013   NORTH   6.24000
7499   5 2013   NORTH   18.48000
7500   5 2013   NORTH   3.80000
7501   5 2013   NORTH   26.40000
7502   5 2013   NORTH   27.36000
7503   5 2013   NORTH   10.85000
7504   5 2013   NORTH   24.48000
7505   5 2013   NORTH   15.17000
7506   5 2013   NORTH   18.48000
7507   5 2013   NORTH   NA
7508   5 2013   NORTH   62.48000
```

```r
trees2 <- trees[,c("SURVEY", "YEAR", "SITE", "canopy_area")]
```

Make a scatter plot with canopy_area on the x axis and HEIGHT on the y axis. Color the points by
TREATMENT and create a subplot per species uding the function facet_wrap(). This will plot the points
for each variable in the SPECIES column in a separate subplot. Label the x axis "Canopy Area (m)" and the
y axis "Height (m)". Make the point size 2.

```r
ggplot(data = trees, mapping = aes(x = canopy_area, y = HEIGHT, color = TREATMENT)) +
  geom_point() +
  labs(x = "Canopy area") +
  facet_wrap(~SPECIES)
```

```
## Warning: Removed 215 rows containing missing values (`geom_point()`).
```

That's a big outlier in the plot from (2). 50 by 50 meters is a little too big for a real acacia tree, so filter
the data to remove any values for AXIS_1 and AXIS_2 that are over 20 and update the data frame. Then,
remake the graph.

```
# we can do this with the subset function
trees3 <- subset(trees, canopy_area <= 400)

# OR finding the actual value that is the outlier
which(trees$canopy_area > 2000)
```
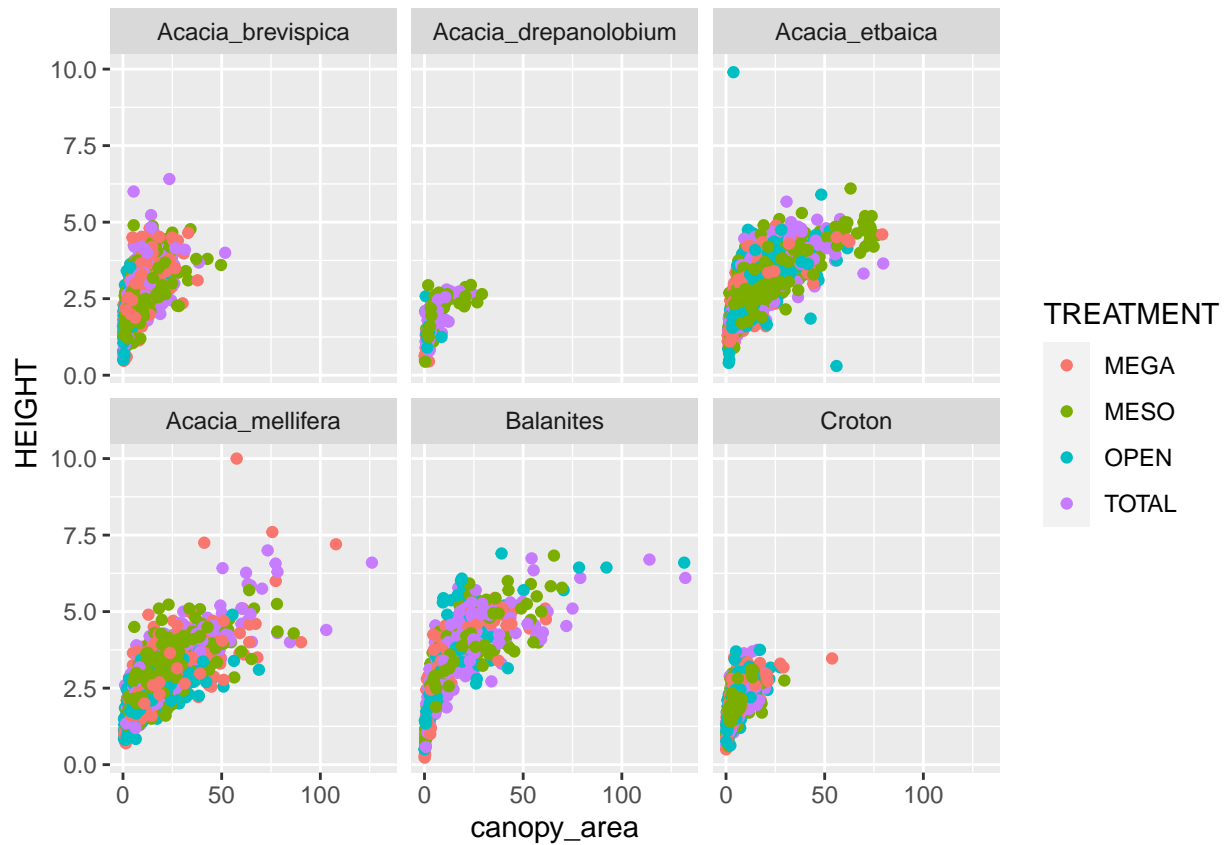
```
## [1] 3839
```

```
trees[3839,]
```

```
## # A tibble: 1 x 18
##    SURVEY  YEAR SITE    TREATM~1 BLOCK PLOT  SPECIES ORIGI~2 NEW_TAG DEAD  HEIGHT
##     <dbl> <dbl> <chr>   <chr>    <dbl> <chr> <chr>     <dbl>   <dbl> <chr>  <dbl>
## 1      5  2013 CENTRAL MEGA         2 C2ME~ Acacia~    1941      NA N       2.49
## # ... with 7 more variables: AXIS_1 <dbl>, AXIS_2 <dbl>, CIRC <dbl>,
## #   MEASUREMENT <chr>, STEMS <chr>, canopy_area <dbl>, area <dbl>, and
## #   abbreviated variable names 1: TREATMENT, 2: ORIGINAL_TAG
```

```
trees4 <- trees[-3839,]
```

```
ggplot(data = trees3, mapping = aes(x = canopy_area, y = HEIGHT, color = TREATMENT)) +
  geom_point() +
  facet_wrap(~SPECIES)
```

```
ggplot(data = trees4, mapping = aes(x = canopy_area, y = HEIGHT, color = TREATMENT)) +
  geom_point() +
  facet_wrap(~SPECIES)
```

```
## Warning: Removed 215 rows containing missing values (`geom_point()`).
```