

Model Building

2023-11-08

####Preprocessing Data for Maryland

```
setwd("X:/Coding/Rstudio/R Projects/Data 490 Model Building/Documentation")
yearly_crime_m_raw <- read.csv("Maryland crime 1975-2022.csv") %>%

  rename(Year = YEAR)

crimeTotalm_raw <- yearly_crime_m_raw %>%

  group_by(Year) %>%

  mutate(theft_total = sum(LARCENY.THEFT)) %>%

  mutate(murder_total = sum(MURDER)) %>%

  mutate(be_total = sum(B...E)) %>%

  filter(Year != 1975)

#Maryland Unemployment
mu <- read.csv("MDUR.csv") %>%

  #Converts the Date Column from a Date to a Year
  mutate(Year = year(Year)) %>%

  #Changes the Date Column name to Year
  rename(Year = Year) %>%

  #Rename column to Unemployment
  rename(Unemployment = MDUR)

#Remove 2023 Which is NA
mu <- mu %>%
  filter(Year != 2023)

#Convert column from character to numeric
mu$Unemployment <- as.numeric(mu$Unemployment)

#Round data to second decimal
mu$Unemployment <- round(mu$Unemployment, digits = 2)
```

```

#Maryland Labor Force
ml <- read.csv("maryland_labor.csv") %>%

  #Converts the Date Column from a Date to a Year
  mutate(DATE = year(DATE)) %>%

  #Changes the Date Column name to Year
  rename(Year = DATE) %>%

  #Rename column to Labor
  rename(Labor = LBSSA24)

#Remove 2023 Which is NA
ml <- ml %>%
  filter(Year != 2023)

#Convert column from character to numeric
ml$Labor <- as.numeric(ml$Labor)

#Round data to second decimal
ml$Labor <- round(ml$Labor, digits = 2)

#Maryland Crime Only Year and Grand Total
crimeTotalm <- crimeTotalm_raw[, c(1:3,11,39:41)]

#Merge Unemployment with Yearly crime
crimeTotalm <- merge(x = mu, y = crimeTotalm, by = "Year", all.y = TRUE)

#Merge Labor force with Unemployment and Yearly Crime
crimeTotalm <- merge(x = ml, y = crimeTotalm, by = "Year",
all.y = TRUE)

countylist <- unique(crimeTotalm$JURISDICTION)

# Create an empty data frame to store results
correlation_data <- data.frame(JURISDICTION = character(),
                              correlation = numeric(),
                              average_population = numeric(),
                              stringsAsFactors = FALSE)

for (i in seq_along(countylist)) {
  county_data <- crimeTotalm %>%
    filter(JURISDICTION == countylist[i])

  # Calculate correlation
  correlation_value <- cor(county_data$Labor, county_data$GRAND.TOTAL)

```

```

# Calculate average population
average_population <- mean(county_data$POPULATION)

# Append the results to the correlation_data data frame
correlation_data <- bind_rows(correlation_data,
                              data.frame(JURISDICTION = countylist[i],
                                          correlation = correlation_value,
                                          average_population = average_population))
}

```

####PCA on Summary of Maryland Counties ~ Unemployment

```
selected_columns3 <- county_data[, c("Unemployment", "theft_total", "be_total")]
```

```

# Perform PCA
pca_result3 <- prcomp(selected_columns3, center = TRUE, scale. = TRUE)

# Print summary of PCA
summary(pca_result3)

```

```

## Importance of components:
##              PC1      PC2      PC3
## Standard deviation    1.3437 0.9991 0.44325
## Proportion of Variance 0.6018 0.3327 0.06549
## Cumulative Proportion 0.6018 0.9345 1.00000

```

```

loadings3 <- pca_result3$rotation

print(loadings3)

```

```

##              PC1      PC2      PC3
## Unemployment -0.2412024 0.941054553 0.2371450
## theft_total  -0.6651400 -0.338242921 0.6657181
## be_total      -0.7066896 -0.002838184 -0.7075180

```

####PCA on Summary of Maryland Counties ~ Labor

```
selected_columns4 <- county_data[, c("Labor", "theft_total", "be_total")]
```

```

# Perform PCA
pca_result4 <- prcomp(selected_columns4, center = TRUE, scale. = TRUE)

# Print summary of PCA
summary(pca_result4)

```

```

## Importance of components:
##              PC1      PC2      PC3

```

```
## Standard deviation      1.4415 0.9125 0.29906
## Proportion of Variance 0.6926 0.2776 0.02981
## Cumulative Proportion  0.6926 0.9702 1.00000
```

```
loadings4 <- pca_result4$rotation
print(loadings4)
```

```
##              PC1          PC2          PC3
## Labor          0.4876108 -0.7674755 -0.4161936
## theft_total    0.6764410  0.0307262  0.7358556
## be_total       0.5519631  0.6403416 -0.5341343
```

- 1) My first question for this assignment was what underlying patterns can I find in my Maryland data set when examining property crimes and Socio-economic factors like Unemployment and Labor. For this I decided to use the PCA method. When I did a PCA on Labor, total theft, and breaking and entering I got an interesting result. My PC1 showed that there was seemed to be a positive relationship between labor force percentage and property crimes. At first this confused me but then I realized when labor force is low that means there are more jobs available because more people aren't working. But when labor force is high that means more people are working and thus less jobs. This could explain their positive relationship. For the PCA including Unemployment I also got interesting results. Years with a higher PC1 score were characterized by lower levels of unemployment, lower theft totals, and lower breaking and entering totals. The exact results were -0.2412024, -0.6651400, -0.7066896. This seems to show that Unemployment does have an effect on property crime. This also showed me that crimes like theft and breaking and entering have somewhat of a relationship

#####NewYork Preprocessing

```
# New York
setwd("X:/Coding/Rstudio/R Projects/Data 490 Model Building/Documentation")
#New York Crime w/ Grand Total
yearly_crime_n_raw <- read.csv("new york crime.csv")

yearly_crime_n <- yearly_crime_n_raw %>%

  group_by(Year) %>%

  mutate(yearly_crime = sum(Index_Count))

#New York Unemployment
nu <- read.csv("NYUR.csv")%>%

  #Converts the Date Column from a Date to a Year
  mutate(DATE = year(DATE)) %>%

  #Changes the Date Column name to Year
  rename(Year = DATE) %>%

  #Rename column to Unemployment
  rename(Unemployment = NYUR)

#Remove 2023 Which is NA
```

```

nu <- nu %>%
  filter(Year != 2023)

#Convert column from character to numeric
nu$Unemployment <- as.numeric(nu$Unemployment)

#Round data to second decimal
nu$Unemployment <- round(nu$Unemployment, digits = 2)

#New York Labor Force
nl <- read.csv("newyork_labor.csv") %>%

  #Converts the Date Column from a Date to a Year
  mutate(Year = year(Year)) %>%

  #Changes the Date Column name to Year
  rename(Year = DATE) %>%

  #Rename column to Labor
  rename(Labor = LBSSA36)

#Remove 2023 Which is NA
nl <- nl %>%
  filter(Year != 2023)

#Convert column from character to numeric
nl$Labor <- as.numeric(nl$Labor)

#Round data to second decimal
nl$Labor <- round(nl$Labor, digits = 2)

# Left join 'yearly_crime_n_raw' with 'nu' based on the 'Year' column
yearly_crime_n_raw <- left_join(yearly_crime_n_raw, nl, by = 'Year')

# Left join 'yearly_crime_n_raw' with 'nu' based on the 'Year' column
yearly_crime_n_raw <- left_join(yearly_crime_n_raw, nu, by = 'Year')

results <- yearly_crime_n_raw %>%
  group_by(County) %>%
  summarize(mean_population = mean(Population)) %>%
  arrange(desc(mean_population))

summary(results)

```

```

##      County      mean_population
## Length:62      Min.   :  5024
## Class :character 1st Qu.: 50689

```

```
## Mode :character Median : 91082
## Mean : 307332
## 3rd Qu.: 232099
## Max. :2479373
```

```
#Breaks the the counties into four groups
for( i in seq_along(results$mean_population)) {
  if (results$mean_population[i] > 232099) {

    results$pop_group[i] = 4

  }else if(results$mean_population[i] > 91082){

    results$pop_group[i] = 3

  }else if(results$mean_population[i] > 50689){

    results$pop_group[i] = 2

  }else if(results$mean_population[i] <= 50689 ){

    results$pop_group[i] = 1}
}
```

```
## Warning: Unknown or uninitialised column: 'pop_group'.
```

```
# Merge the two data frames on the 'County' column
merged_data <- merge(yearly_crime_n_raw, results[, c('County', 'pop_group')], by = 'County', all.x = TRUE)

# Print the merged data frame
print(merged_data)
```

##	County	Year	Population	Index_Count	Index.Rate	Violent.Count
## 1	Albany	1990	292594	14418	4927.6	1524
## 2	Albany	1991	294030	15464	5259.3	1674
## 3	Albany	1992	295018	16249	5507.8	1588
## 4	Albany	1993	294302	15139	5144.0	1669
## 5	Albany	1994	293843	16724	5691.5	1771
## 6	Albany	1995	290756	16699	5743.3	1606
## 7	Albany	1996	291536	13676	4691.0	1408
## 8	Albany	1997	290760	14542	5001.4	1450
## 9	Albany	1998	294930	13733	4656.4	1310
## 10	Albany	1999	292929	14145	4828.8	1133
## 11	Albany	2000	304521	14096	4628.9	1353
## 12	Albany	2001	295107	13733	4653.6	1649
## 13	Albany	2002	297376	12784	4298.9	1706
## 14	Albany	2003	296677	11977	4037.1	1402
## 15	Albany	2004	298419	12710	4259.1	1431
## 16	Albany	2005	298859	12119	4055.1	1615
## 17	Albany	2006	298210	11935	4002.2	1545
## 18	Albany	2007	297154	10584	3561.8	1468
## 19	Albany	2008	299789	10750	3585.9	1356
## 20	Albany	2009	298400	10613	3556.6	1289

## 21	Albany 2010	295267	11037	3738.0	1182
## 22	Albany 2011	305571	10727	3510.5	1166
## 23	Albany 2012	305204	9974	3268.0	1011
## 24	Albany 2013	306300	9456	3087.2	1005
## 25	Albany 2014	308166	9186	2980.9	1003
## 26	Albany 2015	308613	8644	2800.9	1041
## 27	Albany 2016	308401	8766	2842.4	1099
## 28	Albany 2017	310352	8792	2832.9	1162
## 29	Albany 2018	304591	8346	2740.1	1097
## 30	Albany 2019	305810	8004	2617.3	997
## 31	Albany 2020	303723	7404	2437.7	1097
## 32	Albany 2021	311537	7861	2523.3	1131
## 33	Albany 2022	315477	9717	3080.1	1253
## 34	Allegany 1990	50470	1280	2536.2	146
## 35	Allegany 1991	50654	1417	2797.4	134
## 36	Allegany 1992	50820	1378	2711.5	161
## 37	Allegany 1993	51659	1265	2448.8	131
## 38	Allegany 1994	51575	1235	2394.6	129
## 39	Allegany 1995	51158	1247	2437.5	160
## 40	Allegany 1996	51291	1096	2136.8	93
## 41	Allegany 1997	51151	943	1843.6	84
## 42	Allegany 1998	51741	891	1722.0	69
## 43	Allegany 1999	51057	759	1486.6	94
## 44	Allegany 2000	52720	964	1828.5	143
## 45	Allegany 2001	50019	900	1799.3	143
## 46	Allegany 2002	50404	862	1710.2	116
## 47	Allegany 2003	50266	846	1683.0	100
## 48	Allegany 2004	50659	943	1861.5	97
## 49	Allegany 2005	50647	1069	2110.7	134
## 50	Allegany 2006	50737	839	1653.6	119
## 51	Allegany 2007	50178	710	1415.0	86
## 52	Allegany 2008	49594	651	1312.7	91
## 53	Allegany 2009	49605	776	1564.4	129
## 54	Allegany 2010	48531	841	1732.9	89
## 55	Allegany 2011	49166	895	1820.4	64
## 56	Allegany 2012	49041	859	1751.6	65
## 57	Allegany 2013	48220	796	1650.8	54
## 58	Allegany 2014	47972	615	1282.0	68
## 59	Allegany 2015	47336	579	1223.2	57
## 60	Allegany 2016	46858	572	1220.7	81
## 61	Allegany 2017	46878	509	1085.8	80
## 62	Allegany 2018	45732	458	1001.5	75
## 63	Allegany 2019	45870	457	996.3	61
## 64	Allegany 2020	45491	402	883.7	73
## 65	Allegany 2021	46443	386	831.1	92
## 66	Allegany 2022	46186	402	870.4	100
## 67	Bronx 1990	1200900	104729	8720.9	33635
## 68	Bronx 1991	1205404	100071	8301.9	33515
## 69	Bronx 1992	1209516	92551	7651.9	31050
## 70	Bronx 1993	1204950	91927	7629.1	31235
## 71	Bronx 1994	1203141	84330	7009.2	27863
## 72	Bronx 1995	1200406	73397	6114.3	24660
## 73	Bronx 1996	1203693	63772	5298.0	20615
## 74	Bronx 1997	1200558	57626	4799.9	19592

## 75	Bronx	1998	1206670	52464	4347.8	18391
## 76	Bronx	1999	1218399	49928	4097.8	16820
## 77	Bronx	2000	1270428	49537	3899.2	16482
## 78	Bronx	2001	1315775	46367	3523.9	14793
## 79	Bronx	2002	1325890	44035	3321.2	14112
## 80	Bronx	2003	1352377	43071	3184.8	13381
## 81	Bronx	2004	1369123	40939	2990.2	12797
## 82	Bronx	2005	1355320	39024	2879.3	12325
## 83	Bronx	2006	1363555	36655	2688.2	11922
## 84	Bronx	2007	1364553	36053	2642.1	11689
## 85	Bronx	2008	1385371	35284	2546.9	11345
## 86	Bronx	2009	1398093	33755	2414.4	11242
## 87	Bronx	2010	1387983	34008	2450.2	12070
## 88	Bronx	2011	1391333	35130	2524.9	12267
## 89	Bronx	2012	1404471	35962	2560.5	12801
## 90	Bronx	2013	1427341	36280	2541.8	13020
## 91	Bronx	2014	1440569	36030	2501.1	12713
## 92	Bronx	2015	1448285	36299	2506.3	13409
## 93	Bronx	2016	1458255	36834	2525.9	13817
## 94	Bronx	2017	1470074	35507	2415.3	12534
## 95	Bronx	2018	1454179	35355	2431.3	12514
## 96	Bronx	2019	1426931	35255	2470.7	13157
## 97	Bronx	2020	1413534	36217	2562.2	13129
## 98	Bronx	2021	1426273	38311	2686.1	14819
## 99	Bronx	2022	1363503	48270	3540.1	17592
## 100	Broome	1990	212160	7480	3525.6	306
## 101	Broome	1991	212952	7447	3497.0	339
## 102	Broome	1992	213668	6939	3247.6	365
## 103	Broome	1993	213500	7626	3571.9	389
## 104	Broome	1994	213168	7709	3616.4	437
## 105	Broome	1995	208154	7010	3367.7	420
## 106	Broome	1996	208713	7483	3585.3	424
## 107	Broome	1997	208158	7023	3373.9	383
## 108	Broome	1998	199151	6548	3288.0	386
## 109	Broome	1999	196775	6049	3074.1	386
## 110	Broome	2000	203614	6043	2967.9	420
## 111	Broome	2001	200905	5830	2901.9	443
## 112	Broome	2002	202449	6288	3106.0	468
## 113	Broome	2003	200665	6062	3021.0	407
## 114	Broome	2004	199744	5909	2958.3	328
## 115	Broome	2005	197979	6129	3095.8	409
## 116	Broome	2006	197474	6625	3354.9	504
## 117	Broome	2007	195161	6023	3086.2	459
## 118	Broome	2008	195377	6863	3512.7	555
## 119	Broome	2009	194381	6171	3174.7	458
## 120	Broome	2010	191892	6207	3234.6	499
## 121	Broome	2011	201502	6643	3296.7	521
## 122	Broome	2012	200105	6897	3446.7	604
## 123	Broome	2013	197527	6706	3395.0	512
## 124	Broome	2014	197126	6318	3205.1	496
## 125	Broome	2015	196201	6459	3292.0	623
## 126	Broome	2016	194518	5424	2788.4	640
## 127	Broome	2017	194923	5584	2864.7	697
## 128	Broome	2018	189067	5134	2715.4	602

## 129	Broome	2019	189538	5173	2729.3	623
## 130	Broome	2020	188206	5181	2752.8	660
## 131	Broome	2021	193265	4648	2405.0	651
## 132	Broome	2022	197764	5148	2603.1	639
## 133	Cattaraugus	1990	84234	2578	3060.5	171
## 134	Cattaraugus	1991	84545	2639	3121.4	273
## 135	Cattaraugus	1992	84825	2584	3046.3	322
## 136	Cattaraugus	1993	86069	2694	3130.0	291
## 137	Cattaraugus	1994	85932	2621	3050.1	279
## 138	Cattaraugus	1995	85416	2677	3134.1	279
## 139	Cattaraugus	1996	85642	2381	2780.2	251
## 140	Cattaraugus	1997	85411	2300	2692.9	231
## 141	Cattaraugus	1998	85426	2096	2453.6	154
## 142	Cattaraugus	1999	85186	1716	2014.4	176
## 143	Cattaraugus	2000	88097	1881	2135.1	194
## 144	Cattaraugus	2001	84109	1897	2255.4	190
## 145	Cattaraugus	2002	84756	2102	2480.1	215
## 146	Cattaraugus	2003	83411	2325	2787.4	205
## 147	Cattaraugus	2004	83515	2481	2970.7	211
## 148	Cattaraugus	2005	83298	2394	2874.0	200
## 149	Cattaraugus	2006	80814	2239	2770.6	165
## 150	Cattaraugus	2007	79103	2114	2672.5	149
## 151	Cattaraugus	2008	77775	1930	2481.5	215
## 152	Cattaraugus	2009	77397	1855	2396.7	184
## 153	Cattaraugus	2010	76602	2019	2635.7	181
## 154	Cattaraugus	2011	78771	1925	2443.8	162
## 155	Cattaraugus	2012	78364	2087	2663.2	149
## 156	Cattaraugus	2013	77430	1771	2287.2	115
## 157	Cattaraugus	2014	76828	1447	1883.4	133
## 158	Cattaraugus	2015	76211	1299	1704.5	125
## 159	Cattaraugus	2016	75126	1262	1679.8	138
## 160	Cattaraugus	2017	75611	1178	1558.0	130
## 161	Cattaraugus	2018	73692	1105	1499.5	122
## 162	Cattaraugus	2019	74208	938	1264.0	151
## 163	Cattaraugus	2020	73437	876	1192.9	126
## 164	Cattaraugus	2021	75671	1066	1408.7	151
## 165	Cattaraugus	2022	74800	1310	1751.3	184
## 166	Cayuga	1990	82313	2331	2831.9	196
## 167	Cayuga	1991	82620	2554	3091.3	216
## 168	Cayuga	1992	82897	2356	2842.1	210
## 169	Cayuga	1993	83056	2203	2652.4	205
## 170	Cayuga	1994	94356	2098	2223.5	186
## 171	Cayuga	1995	82961	2457	2961.6	233
## 172	Cayuga	1996	83182	2252	2707.3	163
## 173	Cayuga	1997	82961	2137	2575.9	168
## 174	Cayuga	1998	82487	2032	2463.4	178
## 175	Cayuga	1999	81359	1996	2453.3	179
## 176	Cayuga	2000	85205	1899	2228.7	175
## 177	Cayuga	2001	82114	1906	2321.2	177
## 178	Cayuga	2002	82745	1844	2228.5	165
## 179	Cayuga	2003	81701	1813	2219.1	186
## 180	Cayuga	2004	81883	1770	2161.6	131
## 181	Cayuga	2005	82033	1848	2252.8	138
## 182	Cayuga	2006	81672	1960	2399.8	176

## 183	Cayuga	2007	80918	1847	2282.6	172
## 184	Cayuga	2008	79812	1853	2321.7	147
## 185	Cayuga	2009	79569	1660	2086.2	186
## 186	Cayuga	2010	78400	1765	2251.3	158
## 187	Cayuga	2011	80386	1717	2135.9	182
## 188	Cayuga	2012	80168	1808	2255.3	141
## 189	Cayuga	2013	79520	1517	1907.7	128
## 190	Cayuga	2014	79512	1556	1956.9	138
## 191	Cayuga	2015	78420	1553	1980.4	196
## 192	Cayuga	2016	77462	1428	1843.5	184
## 193	Cayuga	2017	77712	1371	1764.2	248
## 194	Cayuga	2018	75834	1238	1632.5	197
## 195	Cayuga	2019	76385	1218	1594.6	156
## 196	Cayuga	2020	75732	1300	1716.6	215
## 197	Cayuga	2021	77627	1033	1330.7	166
## 198	Cayuga	2022	76236	974	1277.6	118
## 199	Chautauqua	1990	141895	5713	4026.2	229
## 200	Chautauqua	1991	142423	5472	3842.1	227
## 201	Chautauqua	1992	142900	5317	3720.8	296
## 202	Chautauqua	1993	142339	4970	3491.7	395
## 203	Chautauqua	1994	142115	5251	3694.9	450
## 204	Chautauqua	1995	141908	5425	3822.9	399
## 205	Chautauqua	1996	142287	5151	3620.1	341
## 206	Chautauqua	1997	141908	4669	3290.2	398
## 207	Chautauqua	1998	140309	4428	3155.9	390
## 208	Chautauqua	1999	138265	3797	2746.2	311
## 209	Chautauqua	2000	143321	3946	2753.3	287
## 210	Chautauqua	2001	140007	3631	2593.4	350
## 211	Chautauqua	2002	141084	3575	2534.0	339
## 212	Chautauqua	2003	138567	3966	2862.2	347
## 213	Chautauqua	2004	137910	3804	2758.3	347
## 214	Chautauqua	2005	137464	4003	2912.0	390
## 215	Chautauqua	2006	136774	3652	2670.1	330
## 216	Chautauqua	2007	134387	3805	2831.4	341
## 217	Chautauqua	2008	133217	3734	2802.9	320
## 218	Chautauqua	2009	133112	3597	2702.2	256
## 219	Chautauqua	2010	131411	3865	2941.2	312
## 220	Chautauqua	2011	135511	3687	2720.8	303
## 221	Chautauqua	2012	135093	3848	2848.4	309
## 222	Chautauqua	2013	133288	3637	2728.7	274
## 223	Chautauqua	2014	132852	3535	2660.9	296
## 224	Chautauqua	2015	131108	3310	2524.6	354
## 225	Chautauqua	2016	129139	3328	2577.1	356
## 226	Chautauqua	2017	128942	2791	2164.5	348
## 227	Chautauqua	2018	125852	2654	2108.8	359
## 228	Chautauqua	2019	126417	2796	2211.7	305
## 229	Chautauqua	2020	125262	2941	2347.9	400
## 230	Chautauqua	2021	128462	2571	2001.4	367
## 231	Chautauqua	2022	127143	2687	2113.4	351
## 232	Chemung	1990	95195	3816	4008.6	284
## 233	Chemung	1991	95549	4190	4385.2	256
## 234	Chemung	1992	95869	4055	4229.7	298
## 235	Chemung	1993	95663	3737	3906.4	238
## 236	Chemung	1994	95512	3908	4091.6	260

## 237	Chemung	1995	94353	3545	3757.2	217
## 238	Chemung	1996	94605	3610	3815.9	273
## 239	Chemung	1997	94352	3320	3518.7	258
## 240	Chemung	1998	93283	3064	3284.6	258
## 241	Chemung	1999	92129	2926	3176.0	275
## 242	Chemung	2000	95670	2861	2990.5	271
## 243	Chemung	2001	91238	2814	3084.2	251
## 244	Chemung	2002	91939	3035	3301.1	308
## 245	Chemung	2003	90768	2916	3212.6	277
## 246	Chemung	2004	90587	3070	3389.0	253
## 247	Chemung	2005	90113	2813	3121.6	211
## 248	Chemung	2006	89752	2580	2874.6	193
## 249	Chemung	2007	88057	2606	2959.4	224
## 250	Chemung	2008	87619	2337	2667.2	204
## 251	Chemung	2009	87431	2126	2431.6	161
## 252	Chemung	2010	87073	2080	2388.8	203
## 253	Chemung	2011	89229	2278	2553.0	177
## 254	Chemung	2012	89320	2434	2725.0	222
## 255	Chemung	2013	89040	2201	2471.9	151
## 256	Chemung	2014	88535	2136	2412.6	151
## 257	Chemung	2015	87307	1903	2179.7	159
## 258	Chemung	2016	86124	2064	2396.5	172
## 259	Chemung	2017	86084	1567	1820.3	143
## 260	Chemung	2018	83485	1438	1722.5	134
## 261	Chemung	2019	83232	1623	1950.0	178
## 262	Chemung	2020	82347	1503	1825.2	172
## 263	Chemung	2021	84162	1335	1586.2	153
## 264	Chemung	2022	82835	1441	1739.6	168
## 265	Chenango	1990	51768	1178	2275.5	78
## 266	Chenango	1991	51957	1243	2392.4	97
## 267	Chenango	1992	52128	1315	2522.6	125
## 268	Chenango	1993	52454	1175	2240.1	140
## 269	Chenango	1994	52369	1356	2589.3	196
## 270	Chenango	1995	52245	1405	2689.3	169
## 271	Chenango	1996	52382	1418	2707.0	161
## 272	Chenango	1997	52239	1362	2607.2	131
## 273	Chenango	1998	52468	1079	2056.5	136
## 274	Chenango	1999	51112	1162	2273.4	153
## 275	Chenango	2000	52877	1173	2218.4	103
## 276	Chenango	2001	51496	1235	2398.2	130
## 277	Chenango	2002	51891	1283	2472.5	117
## 278	Chenango	2003	51411	1228	2388.6	112
## 279	Chenango	2004	51759	1096	2117.5	119
## 280	Chenango	2005	51935	1103	2123.8	104
## 281	Chenango	2006	51894	1108	2135.1	96
## 282	Chenango	2007	51696	970	1876.4	47
## 283	Chenango	2008	51170	934	1825.3	41
## 284	Chenango	2009	50830	997	1961.4	53
## 285	Chenango	2010	49978	983	1966.9	54
## 286	Chenango	2011	50704	1072	2114.2	57
## 287	Chenango	2012	50389	1023	2030.2	58
## 288	Chenango	2013	49857	926	1857.3	48
## 289	Chenango	2014	49375	909	1841.0	50
## 290	Chenango	2015	49105	849	1728.9	101

## 291	Chenango 2016	48229	966	2002.9	99
## 292	Chenango 2017	48397	715	1477.4	83
## 293	Chenango 2018	46622	713	1529.3	87
## 294	Chenango 2019	46931	784	1670.5	111
## 295	Chenango 2020	46567	785	1685.7	113
## 296	Chenango 2021	47589	774	1626.4	100
## 297	Chenango 2022	46353	790	1704.3	91
## 298	Clinton 1990	85969	2221	2583.5	242
## 299	Clinton 1991	86288	2516	2915.8	269
## 300	Clinton 1992	86579	2069	2389.7	210
## 301	Clinton 1993	86450	1902	2200.1	181
## 302	Clinton 1994	86314	1931	2237.2	224
## 303	Clinton 1995	86818	1873	2157.4	290
## 304	Clinton 1996	87051	1985	2280.3	357
## 305	Clinton 1997	86819	1916	2206.9	354
## 306	Clinton 1998	80828	1373	1698.7	249
## 307	Clinton 1999	80064	1442	1801.1	214
## 308	Clinton 2000	83139	1415	1702.0	239
## 309	Clinton 2001	80041	1451	1812.8	202
## 310	Clinton 2002	80656	1552	1924.2	231
## 311	Clinton 2003	81207	1599	1969.0	167
## 312	Clinton 2004	81523	1588	1947.9	187
## 313	Clinton 2005	81992	2011	2452.7	173
## 314	Clinton 2006	82267	1805	2194.1	128
## 315	Clinton 2007	82260	2015	2449.6	221
## 316	Clinton 2008	82475	1819	2205.5	142
## 317	Clinton 2009	82153	1698	2066.9	133
## 318	Clinton 2010	80874	1830	2262.8	87
## 319	Clinton 2011	82497	1690	2048.6	74
## 320	Clinton 2012	82387	1685	2045.2	90
## 321	Clinton 2013	81595	1666	2041.8	111
## 322	Clinton 2014	81604	1308	1602.9	68
## 323	Clinton 2015	81364	1251	1537.5	115
## 324	Clinton 2016	80553	1395	1731.8	135
## 325	Clinton 2017	81093	1215	1498.3	135
## 326	Clinton 2018	79308	1160	1462.7	174
## 327	Clinton 2019	80080	1173	1464.8	128
## 328	Clinton 2020	79798	1140	1428.6	129
## 329	Clinton 2021	81627	888	1087.9	109
## 330	Clinton 2022	80076	1138	1421.1	143
## 331	Columbia 1990	62982	1954	3102.5	253
## 332	Columbia 1991	63215	2323	3674.8	363
## 333	Columbia 1992	63424	1875	2956.3	269
## 334	Columbia 1993	63307	1759	2778.5	274
## 335	Columbia 1994	63206	1690	2673.8	241
## 336	Columbia 1995	63286	1756	2774.7	322
## 337	Columbia 1996	63454	1711	2696.4	231
## 338	Columbia 1997	63282	1734	2740.1	302
## 339	Columbia 1998	64217	1502	2338.9	247
## 340	Columbia 1999	63295	1362	2151.8	200
## 341	Columbia 2000	65702	1128	1716.8	146
## 342	Columbia 2001	63210	1074	1699.1	116
## 343	Columbia 2002	63696	1073	1684.6	114
## 344	Columbia 2003	63640	887	1393.8	64

## 345	Columbia 2004	63527	1082	1703.2	74
## 346	Columbia 2005	63759	1098	1722.1	89
## 347	Columbia 2006	63792	1323	2073.9	125
## 348	Columbia 2007	62763	1362	2170.1	149
## 349	Columbia 2008	62256	1336	2146.0	137
## 350	Columbia 2009	61871	1180	1907.2	113
## 351	Columbia 2010	60786	1213	1995.5	94
## 352	Columbia 2011	63380	1234	1947.0	96
## 353	Columbia 2012	62888	1425	2265.9	100
## 354	Columbia 2013	62398	1127	1806.1	76
## 355	Columbia 2014	62148	926	1490.0	47
## 356	Columbia 2015	61779	895	1448.7	103
## 357	Columbia 2016	60806	837	1376.5	100
## 358	Columbia 2017	60796	969	1593.9	133
## 359	Columbia 2018	59135	893	1510.1	102
## 360	Columbia 2019	59211	720	1216.0	97
## 361	Columbia 2020	58702	725	1235.1	93
## 362	Columbia 2021	60740	605	996.0	81
## 363	Columbia 2022	62474	715	1144.5	54
## 364	Cortland 1990	48963	2123	4335.9	96
## 365	Cortland 1991	49146	2193	4462.2	83
## 366	Cortland 1992	49310	2108	4275.0	110
## 367	Cortland 1993	49686	2093	4212.5	102
## 368	Cortland 1994	49608	2039	4110.2	99
## 369	Cortland 1995	49280	2101	4263.4	88
## 370	Cortland 1996	49410	2242	4537.5	128
## 371	Cortland 1997	49278	2020	4099.2	105
## 372	Cortland 1998	48947	1865	3810.2	125
## 373	Cortland 1999	48089	1692	3518.5	86
## 374	Cortland 2000	50063	1633	3261.9	105
## 375	Cortland 2001	48688	1587	3259.5	101
## 376	Cortland 2002	49062	1513	3083.9	93
## 377	Cortland 2003	48897	1366	2793.6	95
## 378	Cortland 2004	48785	1374	2816.4	107
## 379	Cortland 2005	49076	1396	2844.6	130
## 380	Cortland 2006	48752	1169	2397.9	112
## 381	Cortland 2007	48336	1285	2658.5	116
## 382	Cortland 2008	48328	1106	2288.5	112
## 383	Cortland 2009	48257	1084	2246.3	106
## 384	Cortland 2010	47401	1066	2248.9	65
## 385	Cortland 2011	49558	1104	2227.7	74
## 386	Cortland 2012	49629	1105	2226.5	64
## 387	Cortland 2013	49599	1040	2096.8	50
## 388	Cortland 2014	48983	1056	2155.8	49
## 389	Cortland 2015	48870	751	1536.7	51
## 390	Cortland 2016	48022	820	1707.6	43
## 391	Cortland 2017	47986	994	2071.4	49
## 392	Cortland 2018	46686	775	1660.0	58
## 393	Cortland 2019	47382	740	1561.8	87
## 394	Cortland 2020	47095	862	1830.3	97
## 395	Cortland 2021	48194	948	1967.0	76
## 396	Cortland 2022	46249	1167	2523.3	90
## 397	Delaware 1990	47225	1092	2312.3	73
## 398	Delaware 1991	47398	1202	2536.0	75

## 399	Delaware	1992	47555	1076	2262.6	85
## 400	Delaware	1993	47743	1150	2408.7	88
## 401	Delaware	1994	47664	1184	2484.1	76
## 402	Delaware	1995	47647	1153	2419.9	92
## 403	Delaware	1996	47772	1121	2346.6	87
## 404	Delaware	1997	47642	969	2033.9	104
## 405	Delaware	1998	46653	798	1710.5	99
## 406	Delaware	1999	46140	832	1803.2	102
## 407	Delaware	2000	48349	701	1449.9	104
## 408	Delaware	2001	48143	812	1686.6	113
## 409	Delaware	2002	48513	936	1929.4	135
## 410	Delaware	2003	47382	937	1977.5	111
## 411	Delaware	2004	47317	844	1783.7	88
## 412	Delaware	2005	47396	747	1576.1	82
## 413	Delaware	2006	46826	805	1719.1	78
## 414	Delaware	2007	45894	848	1847.7	91
## 415	Delaware	2008	45266	738	1630.4	74
## 416	Delaware	2009	45075	754	1672.8	69
## 417	Delaware	2010	43997	766	1741.0	63
## 418	Delaware	2011	47349	813	1717.0	76
## 419	Delaware	2012	46974	763	1624.3	63
## 420	Delaware	2013	46322	806	1740.0	56
## 421	Delaware	2014	45709	769	1682.4	58
## 422	Delaware	2015	45371	741	1633.2	80
## 423	Delaware	2016	44601	671	1504.5	98
## 424	Delaware	2017	44468	520	1169.4	59
## 425	Delaware	2018	42999	583	1355.8	75
## 426	Delaware	2019	43120	550	1275.5	84
## 427	Delaware	2020	42703	464	1086.6	68
## 428	Delaware	2021	44699	476	1064.9	72
## 429	Delaware	2022	44907	475	1057.7	69
## 430	Dutchess	1990	259462	8957	3452.1	1104
## 431	Dutchess	1991	260427	9240	3548.0	974
## 432	Dutchess	1992	261299	9046	3461.9	1017
## 433	Dutchess	1993	264128	7908	2994.0	888
## 434	Dutchess	1994	263713	7570	2870.5	889
## 435	Dutchess	1995	260997	7687	2945.2	1103
## 436	Dutchess	1996	261693	7635	2917.5	935
## 437	Dutchess	1997	260996	7565	2898.5	840
## 438	Dutchess	1998	265243	6635	2501.5	680
## 439	Dutchess	1999	265628	6618	2491.5	603
## 440	Dutchess	2000	279733	6346	2268.6	609
## 441	Dutchess	2001	280666	6118	2179.8	627
## 442	Dutchess	2002	282823	5968	2110.2	696
## 443	Dutchess	2003	288241	6225	2159.7	786
## 444	Dutchess	2004	291445	5310	1822.0	747
## 445	Dutchess	2005	293815	6023	2049.9	826
## 446	Dutchess	2006	295638	5973	2020.4	854
## 447	Dutchess	2007	296416	6421	2166.2	895
## 448	Dutchess	2008	294181	6537	2222.1	892
## 449	Dutchess	2009	294145	6095	2072.1	909
## 450	Dutchess	2010	291541	5937	2036.4	724
## 451	Dutchess	2011	298825	5677	1899.8	625
## 452	Dutchess	2012	299607	5900	1969.2	678

## 453	Dutchess	2013	297521	5121	1721.2	584
## 454	Dutchess	2014	297173	4832	1626.0	561
## 455	Dutchess	2015	295721	4519	1528.1	558
## 456	Dutchess	2016	293404	4116	1402.8	566
## 457	Dutchess	2017	294598	4096	1390.4	573
## 458	Dutchess	2018	289726	3660	1263.3	540
## 459	Dutchess	2019	291611	3548	1216.7	567
## 460	Dutchess	2020	291964	3734	1278.9	579
## 461	Dutchess	2021	300499	3369	1121.1	550
## 462	Dutchess	2022	300736	3693	1228.0	604
## 463	Erie	1990	968532	52314	5401.4	7390
## 464	Erie	1991	972153	55414	5700.1	8277
## 465	Erie	1992	975430	56304	5772.2	8516
## 466	Erie	1993	977004	53398	5465.5	8100
## 467	Erie	1994	975490	51657	5295.5	8752
## 468	Erie	1995	965846	49897	5166.1	8179
## 469	Erie	1996	968442	46220	4772.6	5546
## 470	Erie	1997	965877	44160	4572.0	5100
## 471	Erie	1998	946455	39325	4155.0	4535
## 472	Erie	1999	935566	35890	3836.2	4162
## 473	Erie	2000	965641	35471	3673.3	4545
## 474	Erie	2001	952014	35182	3695.5	4572
## 475	Erie	2002	959333	32269	3363.7	4635
## 476	Erie	2003	946656	34622	3657.3	4843
## 477	Erie	2004	943107	33304	3531.3	4715
## 478	Erie	2005	937659	34458	3674.9	5017
## 479	Erie	2006	933195	32581	3491.3	5015
## 480	Erie	2007	914914	33249	3634.1	4541
## 481	Erie	2008	908651	33375	3673.0	4735
## 482	Erie	2009	905273	32656	3607.3	4915
## 483	Erie	2010	895158	32568	3638.2	4528
## 484	Erie	2011	923171	31411	3402.5	4201
## 485	Erie	2012	922983	31468	3409.4	4227
## 486	Erie	2013	920162	29295	3183.7	4089
## 487	Erie	2014	921558	28413	3083.1	3932
## 488	Erie	2015	922022	26091	2829.8	3788
## 489	Erie	2016	917172	25816	2814.7	3792
## 490	Erie	2017	923447	23369	2530.6	3463
## 491	Erie	2018	909076	22899	2518.9	3529
## 492	Erie	2019	914740	20949	2290.2	3388
## 493	Erie	2020	912816	21720	2379.4	3689
## 494	Erie	2021	940988	20459	2174.2	3492
## 495	Erie	2022	955259	22897	2396.9	3226
## 496	Essex	1990	37152	959	2581.3	78
## 497	Essex	1991	37288	899	2411.0	82
## 498	Essex	1992	37411	871	2328.2	88
## 499	Essex	1993	37707	772	2047.4	96
## 500	Essex	1994	37646	740	1965.7	91
## 501	Essex	1995	37878	727	1919.3	74
## 502	Essex	1996	37978	728	1916.9	75
## 503	Essex	1997	37875	682	1800.7	80
## 504	Essex	1998	38449	646	1680.1	86
## 505	Essex	1999	37592	649	1726.4	111
## 506	Essex	2000	39114	767	1960.9	125

## 507	Essex	2001	38922	719	1847.3	58
## 508	Essex	2002	39222	672	1713.3	64
## 509	Essex	2003	39001	568	1456.4	51
## 510	Essex	2004	39067	470	1203.1	61
## 511	Essex	2005	38957	549	1409.2	53
## 512	Essex	2006	37515	552	1471.4	55
## 513	Essex	2007	37259	540	1449.3	80
## 514	Essex	2008	36790	467	1269.4	51
## 515	Essex	2009	36495	520	1424.9	49
## 516	Essex	2010	35964	523	1454.2	37
## 517	Essex	2011	38031	617	1622.4	47
## 518	Essex	2012	37885	517	1364.7	43
## 519	Essex	2013	37412	449	1200.1	43
## 520	Essex	2014	37221	341	916.1	44
## 521	Essex	2015	36992	382	1032.7	46
## 522	Essex	2016	36615	397	1084.3	58
## 523	Essex	2017	36491	420	1151.0	63
## 524	Essex	2018	35542	293	824.4	52
## 525	Essex	2019	35343	329	930.9	48
## 526	Essex	2020	34881	312	894.5	60
## 527	Essex	2021	36085	270	748.2	54
## 528	Essex	2022	36104	305	844.8	51
## 529	Franklin	1990	46540	1166	2505.4	226
## 530	Franklin	1991	46713	1147	2455.4	197
## 531	Franklin	1992	46868	1063	2268.1	160
## 532	Franklin	1993	48199	1208	2506.3	177
## 533	Franklin	1994	48122	1193	2479.1	232
## 534	Franklin	1995	49030	1267	2584.1	237
## 535	Franklin	1996	49161	1157	2353.5	179
## 536	Franklin	1997	49028	1089	2221.2	163
## 537	Franklin	1998	49032	847	1727.4	173
## 538	Franklin	1999	48639	928	1907.9	177
## 539	Franklin	2000	50590	1020	2016.2	205
## 540	Franklin	2001	51228	1018	1987.2	199
## 541	Franklin	2002	51622	1059	2051.5	197
## 542	Franklin	2003	51051	1003	1964.7	193
## 543	Franklin	2004	51154	1029	2011.6	165
## 544	Franklin	2005	51082	867	1697.3	155
## 545	Franklin	2006	51170	965	1885.9	157
## 546	Franklin	2007	50805	997	1962.4	145
## 547	Franklin	2008	50353	1003	1991.9	95
## 548	Franklin	2009	50448	937	1857.4	65
## 549	Franklin	2010	49634	943	1899.9	57
## 550	Franklin	2011	51831	973	1877.3	61
## 551	Franklin	2012	51829	1042	2010.5	57
## 552	Franklin	2013	51936	876	1686.7	61
## 553	Franklin	2014	51796	850	1641.1	53
## 554	Franklin	2015	51082	841	1646.4	88
## 555	Franklin	2016	50135	706	1408.2	108
## 556	Franklin	2017	50324	688	1367.1	100
## 557	Franklin	2018	50085	519	1036.2	71
## 558	Franklin	2019	49852	513	1029.0	68
## 559	Franklin	2020	49529	653	1318.4	79
## 560	Franklin	2021	51101	629	1230.9	72

## 561	Franklin 2022	47742	811	1698.7	109
## 562	Fulton 1990	54191	2259	4168.6	98
## 563	Fulton 1991	54391	2252	4140.4	123
## 564	Fulton 1992	54572	2064	3782.2	123
## 565	Fulton 1993	54241	2197	4050.4	123
## 566	Fulton 1994	54154	2125	3924.0	122
## 567	Fulton 1995	54334	2276	4188.9	141
## 568	Fulton 1996	54478	2145	3937.4	174
## 569	Fulton 1997	54330	1771	3259.7	170
## 570	Fulton 1998	53399	1596	2988.8	159
## 571	Fulton 1999	52976	1532	2891.9	140
## 572	Fulton 2000	55116	1513	2745.1	134
## 573	Fulton 2001	55174	1476	2675.2	93
## 574	Fulton 2002	55598	1495	2688.9	74
## 575	Fulton 2003	55143	1288	2335.7	82
## 576	Fulton 2004	55312	1499	2710.1	95
## 577	Fulton 2005	55542	1607	2893.3	109
## 578	Fulton 2006	55675	1517	2724.7	100
## 579	Fulton 2007	55242	1615	2923.5	132
## 580	Fulton 2008	55012	1487	2703.0	99
## 581	Fulton 2009	54912	1522	2771.7	112
## 582	Fulton 2010	54344	1689	3108.0	123
## 583	Fulton 2011	55649	1605	2884.1	61
## 584	Fulton 2012	55347	1559	2816.8	52
## 585	Fulton 2013	54677	1527	2792.8	62
## 586	Fulton 2014	54329	1465	2696.5	63
## 587	Fulton 2015	53542	1309	2444.8	123
## 588	Fulton 2016	53221	1182	2220.9	150
## 589	Fulton 2017	53556	1088	2031.5	118
## 590	Fulton 2018	52525	944	1797.2	145
## 591	Fulton 2019	52946	1012	1911.4	125
## 592	Fulton 2020	52698	958	1817.9	113
## 593	Fulton 2021	53808	941	1748.8	147
## 594	Fulton 2022	53353	603	1130.2	86
## 595	Genesee 1990	60060	1647	2742.3	89
## 596	Genesee 1991	60283	1752	2906.3	107
## 597	Genesee 1992	60484	1767	2921.4	79
## 598	Genesee 1993	61132	1667	2726.9	92
## 599	Genesee 1994	61036	1690	2768.9	102
## 600	Genesee 1995	61178	1759	2875.2	104
## 601	Genesee 1996	61341	1648	2686.6	126
## 602	Genesee 1997	61177	1566	2559.8	107
## 603	Genesee 1998	61938	1419	2291.0	97
## 604	Genesee 1999	60725	1461	2405.9	87
## 605	Genesee 2000	63061	1634	2591.1	85
## 606	Genesee 2001	60481	1585	2620.7	96
## 607	Genesee 2002	60946	1683	2761.5	108
## 608	Genesee 2003	59901	1778	2968.2	115
## 609	Genesee 2004	60136	1825	3034.8	108
## 610	Genesee 2005	59775	1693	2832.3	96
## 611	Genesee 2006	59301	1754	2957.8	106
## 612	Genesee 2007	58342	1441	2469.9	87
## 613	Genesee 2008	57721	1446	2505.2	113
## 614	Genesee 2009	57420	1497	2607.1	92

## 615	Genesee	2010	56871	1462	2570.7	107
## 616	Genesee	2011	60220	1439	2389.6	112
## 617	Genesee	2012	60189	1453	2414.1	92
## 618	Genesee	2013	59887	1467	2449.6	109
## 619	Genesee	2014	59274	1517	2559.3	110
## 620	Genesee	2015	58705	1199	2042.4	115
## 621	Genesee	2016	58209	1263	2169.8	127
## 622	Genesee	2017	58252	1143	1962.2	168
## 623	Genesee	2018	56476	946	1675.0	128
## 624	Genesee	2019	56777	1015	1787.7	135
## 625	Genesee	2020	56509	827	1463.5	103
## 626	Genesee	2021	58063	943	1624.1	188
## 627	Genesee	2022	57754	1027	1778.2	126
## 628	Greene	1990	44739	1440	3218.7	205
## 629	Greene	1991	44903	1626	3621.1	221
## 630	Greene	1992	45050	1408	3125.4	261
## 631	Greene	1993	46611	1402	3007.9	299
## 632	Greene	1994	46535	1315	2825.8	271
## 633	Greene	1995	47242	1347	2851.3	283
## 634	Greene	1996	47365	1222	2580.0	267
## 635	Greene	1997	47236	1269	2686.5	337
## 636	Greene	1998	47953	1147	2391.9	326
## 637	Greene	1999	47863	1110	2319.1	219
## 638	Greene	2000	50420	888	1761.2	153
## 639	Greene	2001	48284	931	1928.2	175
## 640	Greene	2002	48655	810	1664.8	146
## 641	Greene	2003	48621	718	1476.7	152
## 642	Greene	2004	48959	803	1640.1	140
## 643	Greene	2005	49265	828	1680.7	133
## 644	Greene	2006	49815	969	1945.2	183
## 645	Greene	2007	49912	1140	2284.0	176
## 646	Greene	2008	49358	1418	2872.9	102
## 647	Greene	2009	49071	851	1734.2	102
## 648	Greene	2010	48478	836	1724.5	92
## 649	Greene	2011	49442	831	1680.8	105
## 650	Greene	2012	49218	721	1464.9	88
## 651	Greene	2013	48582	718	1477.9	58
## 652	Greene	2014	48364	686	1418.4	78
## 653	Greene	2015	47590	606	1273.4	117
## 654	Greene	2016	47019	554	1178.2	104
## 655	Greene	2017	47352	635	1341.0	139
## 656	Greene	2018	46351	609	1313.9	114
## 657	Greene	2019	47029	591	1256.7	180
## 658	Greene	2020	46678	550	1178.3	192
## 659	Greene	2021	48211	595	1234.2	206
## 660	Greene	2022	49486	566	1143.8	204
## 661	Hamilton	1990	5279	100	1894.3	4
## 662	Hamilton	1991	5298	158	2982.3	10
## 663	Hamilton	1992	5315	146	2746.9	2
## 664	Hamilton	1993	5404	128	2368.6	8
## 665	Hamilton	1994	5395	111	2057.5	5
## 666	Hamilton	1995	5228	151	2888.3	3
## 667	Hamilton	1996	5241	111	2117.9	8
## 668	Hamilton	1997	5227	106	2027.9	4

## 669	Hamilton	1998	5224	101	1933.4	1
## 670	Hamilton	1999	5199	135	2596.7	7
## 671	Hamilton	2000	5412	123	2272.7	7
## 672	Hamilton	2001	5389	100	1855.6	3
## 673	Hamilton	2002	5431	110	2025.4	7
## 674	Hamilton	2003	5304	71	1338.6	3
## 675	Hamilton	2004	5288	57	1077.9	4
## 676	Hamilton	2005	5234	84	1604.9	3
## 677	Hamilton	2006	5242	74	1411.7	6
## 678	Hamilton	2007	5117	54	1055.3	2
## 679	Hamilton	2008	5036	41	814.1	5
## 680	Hamilton	2009	4980	51	1024.1	2
## 681	Hamilton	2010	4824	52	1077.9	4
## 682	Hamilton	2011	4858	58	1193.9	1
## 683	Hamilton	2012	4819	81	1680.8	1
## 684	Hamilton	2013	4768	62	1300.3	4
## 685	Hamilton	2014	4766	62	1300.9	1
## 686	Hamilton	2015	4678	43	919.2	3
## 687	Hamilton	2016	4657	54	1159.5	5
## 688	Hamilton	2017	4505	36	799.1	4
## 689	Hamilton	2018	4352	46	1057.0	3
## 690	Hamilton	2019	4361	29	665.0	3
## 691	Hamilton	2020	4342	46	1059.4	7
## 692	Hamilton	2021	4409	28	635.1	10
## 693	Hamilton	2022	5199	30	577.0	5
## 694	Herkimer	1990	65797	1287	1956.0	77
## 695	Herkimer	1991	66040	1608	2434.9	104
## 696	Herkimer	1992	66259	1727	2606.4	193
## 697	Herkimer	1993	66483	1469	2209.6	189
## 698	Herkimer	1994	66376	1431	2155.9	163
## 699	Herkimer	1995	66693	1693	2538.5	190
## 700	Herkimer	1996	66869	1417	2119.1	136
## 701	Herkimer	1997	66686	1506	2258.3	154
## 702	Herkimer	1998	65829	1446	2196.6	141
## 703	Herkimer	1999	64124	1450	2261.2	157
## 704	Herkimer	2000	66069	1402	2122.0	163
## 705	Herkimer	2001	64546	1341	2077.6	171
## 706	Herkimer	2002	65041	1414	2174.0	211
## 707	Herkimer	2003	63849	1409	2206.8	226
## 708	Herkimer	2004	63827	1177	1844.0	177
## 709	Herkimer	2005	63949	1468	2295.6	210
## 710	Herkimer	2006	63951	1348	2107.9	218
## 711	Herkimer	2007	63007	1191	1890.3	177
## 712	Herkimer	2008	62313	1285	2062.2	201
## 713	Herkimer	2009	61943	1369	2210.1	168
## 714	Herkimer	2010	61330	1374	2240.3	169
## 715	Herkimer	2011	64809	1362	2101.6	141
## 716	Herkimer	2012	64506	1309	2029.3	124
## 717	Herkimer	2013	64596	1190	1842.2	126
## 718	Herkimer	2014	64218	1123	1748.7	110
## 719	Herkimer	2015	63446	1021	1609.2	98
## 720	Herkimer	2016	62419	1107	1773.5	123
## 721	Herkimer	2017	62458	1162	1860.5	159
## 722	Herkimer	2018	60769	803	1321.4	90

## 723	Herkimer	2019	61174	782	1278.3	141
## 724	Herkimer	2020	60592	901	1487.0	107
## 725	Herkimer	2021	62186	895	1439.2	135
## 726	Herkimer	2022	60318	1086	1800.5	150
## 727	Jefferson	1990	110943	3135	2825.8	187
## 728	Jefferson	1991	111353	3202	2875.5	202
## 729	Jefferson	1992	111723	2802	2508.0	249
## 730	Jefferson	1993	114208	2882	2523.5	187
## 731	Jefferson	1994	114027	2821	2474.0	179
## 732	Jefferson	1995	114677	2464	2148.6	150
## 733	Jefferson	1996	114980	2886	2510.0	193
## 734	Jefferson	1997	114672	2700	2354.5	166
## 735	Jefferson	1998	113369	2327	2052.6	173
## 736	Jefferson	1999	111180	2226	2002.2	165
## 737	Jefferson	2000	114631	2136	1863.4	157
## 738	Jefferson	2001	111944	2212	1976.0	174
## 739	Jefferson	2002	112804	2060	1826.2	217
## 740	Jefferson	2003	108344	2190	2021.3	197
## 741	Jefferson	2004	114872	2281	1985.7	230
## 742	Jefferson	2005	111627	3061	2742.2	290
## 743	Jefferson	2006	116696	3093	2650.5	300
## 744	Jefferson	2007	114354	2535	2216.8	288
## 745	Jefferson	2008	117896	2771	2350.4	271
## 746	Jefferson	2009	118766	2701	2274.2	224
## 747	Jefferson	2010	118131	2434	2060.4	220
## 748	Jefferson	2011	116751	2481	2125.0	182
## 749	Jefferson	2012	118546	2917	2460.6	213
## 750	Jefferson	2013	121663	2402	1974.3	140
## 751	Jefferson	2014	120437	2532	2102.3	174
## 752	Jefferson	2015	119514	2543	2127.8	221
## 753	Jefferson	2016	117080	2381	2033.7	281
## 754	Jefferson	2017	113858	2261	1985.8	239
## 755	Jefferson	2018	111731	2019	1807.0	258
## 756	Jefferson	2019	110566	1879	1699.4	245
## 757	Jefferson	2020	108426	2058	1898.1	278
## 758	Jefferson	2021	110090	1851	1681.4	221
## 759	Jefferson	2022	117333	2027	1727.6	277
## 760	Kings	1990	2299285	202009	8785.7	63087
## 761	Kings	1991	2307907	191259	8287.1	60814
## 762	Kings	1992	2315780	176699	7630.2	56682
## 763	Kings	1993	2307039	169236	7335.6	54931
## 764	Kings	1994	2303574	148398	6442.1	48212
## 765	Kings	1995	2298337	123733	5383.6	39887
## 766	Kings	1996	2304633	106659	4628.0	34798
## 767	Kings	1997	2298630	101454	4413.7	32697
## 768	Kings	1998	2310331	96447	4174.6	31123
## 769	Kings	1999	2332789	89153	3821.7	28725
## 770	Kings	2000	2432404	85912	3532.0	27611
## 771	Kings	2001	2519228	77831	3089.5	25226
## 772	Kings	2002	2538594	73707	2903.5	22466
## 773	Kings	2003	2494204	71289	2858.2	21485
## 774	Kings	2004	2479004	67962	2741.5	19735
## 775	Kings	2005	2475286	66239	2676.0	19369
## 776	Kings	2006	2490325	61368	2464.3	17992

## 777	Kings	2007	2515380	59321	2358.3	17526
## 778	Kings	2008	2549604	59547	2335.5	16895
## 779	Kings	2009	2567968	55816	2173.5	15803
## 780	Kings	2010	2550004	57172	2242.0	16514
## 781	Kings	2011	2515957	59014	2345.6	18182
## 782	Kings	2012	2539714	60690	2389.6	18673
## 783	Kings	2013	2586007	59056	2283.7	18258
## 784	Kings	2014	2609973	56700	2172.4	17053
## 785	Kings	2015	2640252	53957	2043.6	16385
## 786	Kings	2016	2641827	50802	1923.0	15523
## 787	Kings	2017	2646816	49766	1880.2	14593
## 788	Kings	2018	2618198	50106	1913.8	14384
## 789	Kings	2019	2575649	47735	1853.3	14194
## 790	Kings	2020	2551468	50938	1996.4	14590
## 791	Kings	2021	2643508	50476	1909.4	15249
## 792	Kings	2022	2559647	62416	2438.5	17123
## 793	Lewis	1990	26796	322	1201.7	36
## 794	Lewis	1991	26895	329	1223.3	16
## 795	Lewis	1992	26985	298	1104.3	24
## 796	Lewis	1993	27565	317	1150.0	31
## 797	Lewis	1994	27521	262	952.0	24
## 798	Lewis	1995	27559	299	1084.9	25
## 799	Lewis	1996	27632	419	1516.4	34
## 800	Lewis	1997	27558	393	1426.1	41
## 801	Lewis	1998	28258	469	1659.7	157
## 802	Lewis	1999	27526	284	1031.8	29
## 803	Lewis	2000	28459	262	920.6	14
## 804	Lewis	2001	26994	316	1170.6	44
## 805	Lewis	2002	27201	336	1235.2	40
## 806	Lewis	2003	26718	344	1287.5	47
## 807	Lewis	2004	26687	317	1187.8	26
## 808	Lewis	2005	26602	366	1375.8	28
## 809	Lewis	2006	26642	348	1306.2	26
## 810	Lewis	2007	26568	409	1539.4	65
## 811	Lewis	2008	26403	384	1454.4	35
## 812	Lewis	2009	26082	387	1483.8	23
## 813	Lewis	2010	25785	462	1791.7	25
## 814	Lewis	2011	27209	419	1539.9	33
## 815	Lewis	2012	27218	420	1543.1	19
## 816	Lewis	2013	27307	332	1215.8	24
## 817	Lewis	2014	27211	257	944.5	27
## 818	Lewis	2015	27205	282	1036.6	27
## 819	Lewis	2016	26758	236	882.0	30
## 820	Lewis	2017	26893	260	966.8	35
## 821	Lewis	2018	25983	207	796.7	32
## 822	Lewis	2019	26224	162	617.8	30
## 823	Lewis	2020	26044	149	572.1	24
## 824	Lewis	2021	26781	133	496.6	21
## 825	Lewis	2022	26808	187	697.6	24
## 826	Livingston	1990	62372	1915	3070.3	147
## 827	Livingston	1991	62601	1914	3057.5	151
## 828	Livingston	1992	62808	1783	2838.8	121
## 829	Livingston	1993	63655	1701	2672.2	135
## 830	Livingston	1994	63555	1547	2434.1	119

## 831	Livingston	1995	64849	1674	2581.4	140
## 832	Livingston	1996	65021	1719	2643.8	123
## 833	Livingston	1997	64846	1694	2612.3	143
## 834	Livingston	1998	66631	1801	2702.9	155
## 835	Livingston	1999	66077	1553	2350.3	112
## 836	Livingston	2000	68673	1552	2260.0	88
## 837	Livingston	2001	64446	1642	2547.9	66
## 838	Livingston	2002	64942	1614	2485.3	79
## 839	Livingston	2003	64934	1773	2730.5	95
## 840	Livingston	2004	64783	1725	2662.7	86
## 841	Livingston	2005	64912	1902	2930.1	66
## 842	Livingston	2006	64377	1963	3049.2	92
## 843	Livingston	2007	63964	1561	2440.4	61
## 844	Livingston	2008	63029	1075	1705.6	72
## 845	Livingston	2009	63003	998	1584.1	69
## 846	Livingston	2010	62020	1157	1865.5	47
## 847	Livingston	2011	65687	1074	1635.0	44
## 848	Livingston	2012	65421	1195	1826.6	54
## 849	Livingston	2013	64718	1088	1681.1	56
## 850	Livingston	2014	64636	896	1386.2	47
## 851	Livingston	2015	64291	885	1376.6	77
## 852	Livingston	2016	64186	886	1380.4	91
## 853	Livingston	2017	64242	809	1259.3	56
## 854	Livingston	2018	62404	635	1017.6	58
## 855	Livingston	2019	62634	600	957.9	61
## 856	Livingston	2020	62263	566	909.0	51
## 857	Livingston	2021	63744	530	831.5	46
## 858	Livingston	2022	61920	591	954.5	49
## 859	Madison	1990	69120	1913	2767.7	60
## 860	Madison	1991	69375	1851	2668.1	76
## 861	Madison	1992	69605	1773	2547.2	86
## 862	Madison	1993	71400	1520	2128.9	59
## 863	Madison	1994	71287	1563	2192.5	48
## 864	Madison	1995	71578	1653	2309.4	69
## 865	Madison	1996	71768	1683	2345.1	99
## 866	Madison	1997	71575	1645	2298.3	72
## 867	Madison	1998	71802	1295	1803.6	54
## 868	Madison	1999	71152	1264	1776.5	69
## 869	Madison	2000	74175	1357	1829.5	90
## 870	Madison	2001	69569	1454	2090.0	99
## 871	Madison	2002	70104	1366	1948.5	77
## 872	Madison	2003	69908	1266	1811.0	82
## 873	Madison	2004	70317	1404	1996.7	71
## 874	Madison	2005	70508	1298	1840.9	83
## 875	Madison	2006	70525	1225	1737.0	66
## 876	Madison	2007	70109	1434	2045.4	74
## 877	Madison	2008	69859	1461	2091.4	70
## 878	Madison	2009	69784	1320	1891.6	59
## 879	Madison	2010	69222	1295	1870.8	53
## 880	Madison	2011	73772	1285	1741.9	53
## 881	Madison	2012	73761	1337	1812.6	59
## 882	Madison	2013	72132	1156	1602.6	55
## 883	Madison	2014	72243	1134	1569.7	61
## 884	Madison	2015	71972	1012	1406.1	106

## 885	Madison	2016	71064	1031	1450.8	122
## 886	Madison	2017	71146	986	1385.9	104
## 887	Madison	2018	69296	951	1372.4	135
## 888	Madison	2019	70084	835	1191.4	107
## 889	Madison	2020	70220	955	1360.0	134
## 890	Madison	2021	72021	931	1292.7	129
## 891	Madison	2022	67935	939	1382.2	142
## 892	Monroe	1990	713968	42579	5963.7	3317
## 893	Monroe	1991	716639	43858	6120.0	2857
## 894	Monroe	1992	719054	44474	6185.1	2985
## 895	Monroe	1993	727933	42439	5830.1	3132
## 896	Monroe	1994	726806	37964	5223.4	3246
## 897	Monroe	1995	725620	40003	5512.9	3071
## 898	Monroe	1996	727575	37812	5197.0	2800
## 899	Monroe	1997	725650	36659	5051.9	2912
## 900	Monroe	1998	719287	34430	4786.7	2394
## 901	Monroe	1999	716911	30524	4257.7	1943
## 902	Monroe	2000	742951	31934	4298.3	2089
## 903	Monroe	2001	736696	30236	4104.3	2096
## 904	Monroe	2002	742360	30543	4114.3	2303
## 905	Monroe	2003	739678	31688	4284.0	2623
## 906	Monroe	2004	738157	30947	4192.5	2332
## 907	Monroe	2005	736230	27779	3773.1	2735
## 908	Monroe	2006	735330	27682	3764.6	3273
## 909	Monroe	2007	728081	25278	3471.9	2956
## 910	Monroe	2008	728695	24904	3417.6	2917
## 911	Monroe	2009	731849	25856	3533.0	2598
## 912	Monroe	2010	724942	26186	3612.2	2823
## 913	Monroe	2011	747689	25666	3432.7	2661
## 914	Monroe	2012	749650	25410	3389.6	2672
## 915	Monroe	2013	749775	23076	3077.7	2686
## 916	Monroe	2014	752007	21327	2836.0	2227
## 917	Monroe	2015	749690	20530	2738.5	2526
## 918	Monroe	2016	745585	18765	2516.8	2482
## 919	Monroe	2017	749892	18955	2527.7	2570
## 920	Monroe	2018	734020	16674	2271.6	2256
## 921	Monroe	2019	738135	16561	2243.6	2181
## 922	Monroe	2020	736749	16163	2193.8	2277
## 923	Monroe	2021	759863	15048	1980.4	2319
## 924	Monroe	2022	757443	17118	2260.0	2231
## 925	Montgomery	1990	51981	1015	1952.6	34
## 926	Montgomery	1991	52173	1115	2137.1	50
## 927	Montgomery	1992	52347	991	1893.1	30
## 928	Montgomery	1993	52315	1013	1936.3	41
## 929	Montgomery	1994	52232	1041	1993.0	70
## 930	Montgomery	1995	51999	1373	2640.4	108
## 931	Montgomery	1996	52138	1420	2723.5	113
## 932	Montgomery	1997	51998	1162	2234.7	123
## 933	Montgomery	1998	51561	1147	2224.5	106
## 934	Montgomery	1999	50814	962	1893.2	107
## 935	Montgomery	2000	52528	988	1880.9	107
## 936	Montgomery	2001	49799	931	1869.5	101
## 937	Montgomery	2002	50183	799	1592.2	86
## 938	Montgomery	2003	49471	694	1402.8	46

## 939	Montgomery	2004	49466	726	1467.7	56
## 940	Montgomery	2005	49354	875	1772.9	122
## 941	Montgomery	2006	49099	815	1659.9	131
## 942	Montgomery	2007	48895	724	1480.7	118
## 943	Montgomery	2008	48560	785	1616.6	134
## 944	Montgomery	2009	48557	726	1495.2	131
## 945	Montgomery	2010	47969	1163	2424.5	72
## 946	Montgomery	2011	50445	1084	2148.9	59
## 947	Montgomery	2012	50185	1184	2359.3	57
## 948	Montgomery	2013	49898	1125	2254.6	48
## 949	Montgomery	2014	49874	1251	2508.3	48
## 950	Montgomery	2015	49555	1265	2552.7	99
## 951	Montgomery	2016	49187	1024	2081.9	83
## 952	Montgomery	2017	49222	939	1907.7	78
## 953	Montgomery	2018	48191	721	1496.1	80
## 954	Montgomery	2019	49080	688	1401.8	79
## 955	Montgomery	2020	48790	766	1570.0	69
## 956	Montgomery	2021	50339	664	1319.1	61
## 957	Montgomery	2022	50057	666	1330.5	53
## 958	Nassau	1990	1287348	42142	3273.6	3223
## 959	Nassau	1991	1292164	43219	3344.7	3848
## 960	Nassau	1992	1296521	40203	3100.8	3718
## 961	Nassau	1993	1308384	38965	2978.1	3567
## 962	Nassau	1994	1306358	34561	2645.6	3135
## 963	Nassau	1995	1298798	33229	2558.4	3198
## 964	Nassau	1996	1302292	32413	2488.9	3268
## 965	Nassau	1997	1298842	29790	2293.6	2532
## 966	Nassau	1998	1306423	27585	2111.5	2468
## 967	Nassau	1999	1303746	28198	2162.8	2595
## 968	Nassau	2000	1360988	25981	1909.0	2389
## 969	Nassau	2001	1337000	23077	1726.0	2671
## 970	Nassau	2002	1347279	23197	1721.8	2705
## 971	Nassau	2003	1347179	22943	1703.0	2598
## 972	Nassau	2004	1342044	22317	1662.9	2501
## 973	Nassau	2005	1341560	20760	1547.5	2565
## 974	Nassau	2006	1336706	21231	1588.3	2578
## 975	Nassau	2007	1320440	20020	1516.2	2341
## 976	Nassau	2008	1354833	21075	1555.5	2309
## 977	Nassau	2009	1352956	21828	1613.4	2496
## 978	Nassau	2010	1344303	20320	1511.6	2344
## 979	Nassau	2011	1345553	19374	1439.9	2226
## 980	Nassau	2012	1351693	19575	1448.2	2458
## 981	Nassau	2013	1353478	18683	1380.4	2111
## 982	Nassau	2014	1357041	17680	1302.8	2043
## 983	Nassau	2015	1360265	16358	1202.6	1984
## 984	Nassau	2016	1356246	15278	1126.5	1826
## 985	Nassau	2017	1367901	14039	1026.3	1650
## 986	Nassau	2018	1347772	13383	993.0	1509
## 987	Nassau	2019	1352968	13387	989.5	1644
## 988	Nassau	2020	1349999	12244	907.0	1826
## 989	Nassau	2021	1387608	12538	903.6	1915
## 990	Nassau	2022	1398295	18509	1323.7	2268
## 991	New York	1990	1486480	217786	14651.1	44434
## 992	New York	1991	1492055	209177	14019.4	41209

## 993	New York	1992	1497145	187947	12553.7	37788
## 994	New York	1993	1491493	172021	11533.5	35470
## 995	New York	1994	1489253	151083	10144.9	31895
## 996	New York	1995	1485868	123638	8320.9	25095
## 997	New York	1996	1489938	107398	7208.2	22006
## 998	New York	1997	1486057	100253	6746.2	20174
## 999	New York	1998	1493622	89805	6012.6	18054
## 1000	New York	1999	1508140	81613	5411.5	16179
## 1001	New York	2000	1572542	79279	5041.5	15583
## 1002	New York	2001	1628673	72996	4481.9	14248
## 1003	New York	2002	1641192	68152	4152.6	13211
## 1004	New York	2003	1546731	64456	4167.2	12179
## 1005	New York	2004	1563556	62731	4012.1	11414
## 1006	New York	2005	1590675	59682	3752.0	11180
## 1007	New York	2006	1600341	56255	3515.2	10662
## 1008	New York	2007	1611158	55098	3419.8	10055
## 1009	New York	2008	1634686	54731	3348.1	9176
## 1010	New York	2009	1642066	52899	3221.5	8710
## 1011	New York	2010	1618207	51297	3170.0	8829
## 1012	New York	2011	1593000	50858	3192.6	9021
## 1013	New York	2012	1608042	51756	3218.6	9102
## 1014	New York	2013	1620452	51872	3201.1	8708
## 1015	New York	2014	1635470	47566	2908.4	8327
## 1016	New York	2015	1647788	47307	2870.9	8789
## 1017	New York	2016	1647694	46653	2831.4	8839
## 1018	New York	2017	1663498	47146	2834.1	8671
## 1019	New York	2018	1645512	49830	3028.2	8951
## 1020	New York	2019	1638724	49858	3042.5	9779
## 1021	New York	2020	1623340	47676	2936.9	9264
## 1022	New York	2021	1578342	53543	3392.4	11721
## 1023	New York	2022	1577252	69454	4403.5	12985
## 1024	Niagara	1990	220756	9810	4443.8	986
## 1025	Niagara	1991	221581	10165	4587.5	930
## 1026	Niagara	1992	222326	10088	4537.5	1087
## 1027	Niagara	1993	222685	9901	4446.2	950
## 1028	Niagara	1994	222338	9366	4212.5	860
## 1029	Niagara	1995	221211	9372	4236.7	865
## 1030	Niagara	1996	221806	9123	4113.1	878
## 1031	Niagara	1997	221217	9300	4204.0	1027
## 1032	Niagara	1998	220711	8762	3969.9	930
## 1033	Niagara	1999	218326	7391	3385.3	734
## 1034	Niagara	2000	225428	7259	3220.1	725
## 1035	Niagara	2001	220251	7946	3607.7	733
## 1036	Niagara	2002	221944	7964	3588.3	815
## 1037	Niagara	2003	218470	7613	3484.7	879
## 1038	Niagara	2004	218570	7860	3596.1	895
## 1039	Niagara	2005	218372	7297	3341.5	970
## 1040	Niagara	2006	217589	7120	3272.2	900
## 1041	Niagara	2007	215039	6955	3234.3	763
## 1042	Niagara	2008	214193	7167	3346.0	763
## 1043	Niagara	2009	213831	7173	3354.5	847
## 1044	Niagara	2010	211650	7209	3406.1	835
## 1045	Niagara	2011	217442	7232	3325.9	810
## 1046	Niagara	2012	217177	6954	3202.0	819

## 1047	Niagara	2013	214912	6655	3096.6	798
## 1048	Niagara	2014	214023	6225	2908.6	798
## 1049	Niagara	2015	212368	5921	2788.1	779
## 1050	Niagara	2016	210491	6145	2919.4	850
## 1051	Niagara	2017	211460	5598	2647.3	785
## 1052	Niagara	2018	206655	4429	2143.2	625
## 1053	Niagara	2019	208537	4172	2000.6	632
## 1054	Niagara	2020	207172	4771	2302.9	661
## 1055	Niagara	2021	213024	3852	1808.2	630
## 1056	Niagara	2022	212646	3965	1864.6	631
## 1057	Oneida	1990	250836	7748	3088.9	388
## 1058	Oneida	1991	251768	9233	3667.3	489
## 1059	Oneida	1992	252609	9140	3618.2	617
## 1060	Oneida	1993	253403	8240	3251.7	601
## 1061	Oneida	1994	253006	7896	3120.9	571
## 1062	Oneida	1995	249082	8044	3229.5	617
## 1063	Oneida	1996	249746	7993	3200.5	619
## 1064	Oneida	1997	249079	7587	3046.0	693
## 1065	Oneida	1998	233677	7237	3097.0	630
## 1066	Oneida	1999	230898	6588	2853.2	523
## 1067	Oneida	2000	239559	6451	2692.9	577
## 1068	Oneida	2001	235902	6726	2851.2	602
## 1069	Oneida	2002	237716	6787	2855.1	689
## 1070	Oneida	2003	235366	6394	2716.6	700
## 1071	Oneida	2004	234825	6398	2724.6	546
## 1072	Oneida	2005	235299	6301	2677.9	514
## 1073	Oneida	2006	234732	6369	2713.3	664
## 1074	Oneida	2007	233118	6915	2966.3	700
## 1075	Oneida	2008	231868	6610	2850.8	672
## 1076	Oneida	2009	231141	6565	2840.3	644
## 1077	Oneida	2010	228059	6238	2735.3	587
## 1078	Oneida	2011	235934	5939	2517.2	551
## 1079	Oneida	2012	235552	6389	2712.4	595
## 1080	Oneida	2013	233394	5990	2566.5	537
## 1081	Oneida	2014	233634	5766	2468.0	560
## 1082	Oneida	2015	231920	5456	2352.5	585
## 1083	Oneida	2016	230500	5232	2269.8	660
## 1084	Oneida	2017	231112	4782	2069.1	696
## 1085	Oneida	2018	226517	4652	2053.7	649
## 1086	Oneida	2019	227680	4559	2002.4	641
## 1087	Oneida	2020	226556	4467	1971.7	558
## 1088	Oneida	2021	232534	4928	2119.3	672
## 1089	Oneida	2022	230586	5035	2183.6	665
## 1090	Onondaga	1990	468973	21823	4653.4	1746
## 1091	Onondaga	1991	470722	23254	4940.1	1916
## 1092	Onondaga	1992	472306	21363	4523.1	1915
## 1093	Onondaga	1993	476098	20263	4256.1	1716
## 1094	Onondaga	1994	475358	19688	4141.7	1584
## 1095	Onondaga	1995	472465	20489	4336.6	1804
## 1096	Onondaga	1996	473732	20303	4285.8	1729
## 1097	Onondaga	1997	472474	19625	4153.7	1791
## 1098	Onondaga	1998	462459	17855	3860.9	1866
## 1099	Onondaga	1999	458838	16473	3590.2	1995
## 1100	Onondaga	2000	475767	16445	3456.5	2001

## 1101	Onondaga 2001	459179	17509	3813.1	2023
## 1102	Onondaga 2002	462710	17634	3811.0	1966
## 1103	Onondaga 2003	461560	16123	3493.2	1762
## 1104	Onondaga 2004	461404	14241	3086.4	1674
## 1105	Onondaga 2005	460464	13906	3020.0	1969
## 1106	Onondaga 2006	459279	14204	3092.7	1885
## 1107	Onondaga 2007	455272	13260	2912.5	1815
## 1108	Onondaga 2008	453316	13460	2969.2	1728
## 1109	Onondaga 2009	451917	13397	2964.5	1675
## 1110	Onondaga 2010	449339	13005	2894.3	1608
## 1111	Onondaga 2011	469125	12862	2741.7	1656
## 1112	Onondaga 2012	469480	13645	2906.4	1752
## 1113	Onondaga 2013	467218	13987	2993.7	1491
## 1114	Onondaga 2014	469355	12957	2760.6	1493
## 1115	Onondaga 2015	467471	11574	2475.9	1500
## 1116	Onondaga 2016	465564	11116	2387.6	1415
## 1117	Onondaga 2017	467033	10893	2332.4	1429
## 1118	Onondaga 2018	456375	9949	2180.0	1374
## 1119	Onondaga 2019	458568	9917	2162.6	1523
## 1120	Onondaga 2020	456836	9983	2185.2	1619
## 1121	Onondaga 2021	470355	9111	1937.0	1678
## 1122	Onondaga 2022	474377	10236	2157.8	1723
## 1123	Ontario 1990	95101	2588	2721.3	121
## 1124	Ontario 1991	95454	2625	2750.0	90
## 1125	Ontario 1992	95773	2517	2628.1	136
## 1126	Ontario 1993	98060	2561	2611.7	162
## 1127	Ontario 1994	97905	2430	2482.0	102
## 1128	Ontario 1995	98595	2592	2628.9	128
## 1129	Ontario 1996	98857	2463	2491.5	84
## 1130	Ontario 1997	98592	2319	2352.1	72
## 1131	Ontario 1998	100186	2396	2391.6	113
## 1132	Ontario 1999	99779	2308	2313.1	129
## 1133	Ontario 2000	104068	1976	1898.8	107
## 1134	Ontario 2001	100408	2011	2002.8	97
## 1135	Ontario 2002	101181	2067	2042.9	102
## 1136	Ontario 2003	101740	2103	2067.0	118
## 1137	Ontario 2004	102642	1806	1759.5	88
## 1138	Ontario 2005	103652	1725	1664.2	110
## 1139	Ontario 2006	104741	1889	1803.5	130
## 1140	Ontario 2007	104638	1814	1733.6	99
## 1141	Ontario 2008	104379	1897	1817.4	108
## 1142	Ontario 2009	104919	1870	1782.3	139
## 1143	Ontario 2010	105010	1995	1899.8	128
## 1144	Ontario 2011	108416	2103	1939.8	150
## 1145	Ontario 2012	109111	2175	1993.4	150
## 1146	Ontario 2013	108796	2096	1926.5	122
## 1147	Ontario 2014	109535	2182	1992.1	130
## 1148	Ontario 2015	109863	1835	1670.3	144
## 1149	Ontario 2016	109105	1866	1710.3	164
## 1150	Ontario 2017	110349	1623	1470.8	135
## 1151	Ontario 2018	108085	1462	1352.6	130
## 1152	Ontario 2019	109474	1472	1344.6	166
## 1153	Ontario 2020	109258	1514	1385.7	168
## 1154	Ontario 2021	113163	1451	1282.2	170

## 1155	Ontario	2022	113389	1513	1334.3	201
## 1156	Orange	1990	307647	11125	3616.2	1339
## 1157	Orange	1991	308786	11207	3629.4	1263
## 1158	Orange	1992	309812	10518	3395.0	1254
## 1159	Orange	1993	317272	10093	3181.2	1195
## 1160	Orange	1994	316769	9969	3147.1	1345
## 1161	Orange	1995	319910	10406	3252.8	1174
## 1162	Orange	1996	320759	9809	3058.1	1145
## 1163	Orange	1997	319898	8985	2808.7	1051
## 1164	Orange	1998	327847	8633	2633.2	1079
## 1165	Orange	1999	329606	8801	2670.2	1005
## 1166	Orange	2000	348522	8755	2512.0	1014
## 1167	Orange	2001	341995	8601	2514.9	1036
## 1168	Orange	2002	344624	8721	2530.6	1239
## 1169	Orange	2003	357380	7902	2211.1	932
## 1170	Orange	2004	363853	7360	2022.8	930
## 1171	Orange	2005	370883	8169	2202.6	976
## 1172	Orange	2006	373891	8351	2233.5	971
## 1173	Orange	2007	380352	8781	2308.7	1042
## 1174	Orange	2008	381554	9184	2407.0	1039
## 1175	Orange	2009	383829	8766	2283.8	942
## 1176	Orange	2010	383475	9079	2367.6	996
## 1177	Orange	2011	374489	9008	2405.4	1016
## 1178	Orange	2012	376895	9496	2519.5	1077
## 1179	Orange	2013	375281	8589	2288.7	868
## 1180	Orange	2014	376716	7852	2084.3	831
## 1181	Orange	2015	376037	7244	1926.4	918
## 1182	Orange	2016	375993	7311	1944.5	904
## 1183	Orange	2017	381037	6758	1773.6	875
## 1184	Orange	2018	376306	5945	1579.8	793
## 1185	Orange	2019	380924	5256	1379.8	727
## 1186	Orange	2020	383786	4854	1264.8	673
## 1187	Orange	2021	396521	4883	1231.5	764
## 1188	Orange	2022	410825	5099	1241.2	742
## 1189	Orleans	1990	41846	1104	2638.2	159
## 1190	Orleans	1991	42001	1313	3126.1	151
## 1191	Orleans	1992	42140	1311	3111.1	178
## 1192	Orleans	1993	43946	1223	2783.0	99
## 1193	Orleans	1994	43876	990	2256.4	66
## 1194	Orleans	1995	45533	859	1886.5	83
## 1195	Orleans	1996	45653	959	2100.6	101
## 1196	Orleans	1997	45530	1080	2372.1	91
## 1197	Orleans	1998	44828	904	2016.6	116
## 1198	Orleans	1999	44570	893	2003.6	94
## 1199	Orleans	2000	46952	689	1467.5	57
## 1200	Orleans	2001	44252	572	1292.6	65
## 1201	Orleans	2002	44592	649	1455.4	95
## 1202	Orleans	2003	43966	498	1132.7	70
## 1203	Orleans	2004	43713	646	1477.8	71
## 1204	Orleans	2005	44201	745	1685.5	108
## 1205	Orleans	2006	43503	940	2160.8	89
## 1206	Orleans	2007	42956	1091	2539.8	91
## 1207	Orleans	2008	42138	1107	2627.1	73
## 1208	Orleans	2009	41904	1266	3021.2	71

## 1209	Orleans	2010	41377	1063	2569.1	79
## 1210	Orleans	2011	43076	1004	2330.8	82
## 1211	Orleans	2012	42852	920	2146.9	61
## 1212	Orleans	2013	42878	747	1742.2	59
## 1213	Orleans	2014	42149	687	1629.9	58
## 1214	Orleans	2015	41689	673	1614.3	69
## 1215	Orleans	2016	41061	749	1824.1	78
## 1216	Orleans	2017	41194	764	1854.6	87
## 1217	Orleans	2018	39962	600	1501.4	65
## 1218	Orleans	2019	40120	486	1211.4	58
## 1219	Orleans	2020	39829	464	1165.0	64
## 1220	Orleans	2021	40738	369	905.8	59
## 1221	Orleans	2022	40448	503	1243.6	67
## 1222	Oswego	1990	121771	3374	2770.8	106
## 1223	Oswego	1991	122224	3584	2932.3	136
## 1224	Oswego	1992	122633	3553	2897.3	113
## 1225	Oswego	1993	125480	3452	2751.0	97
## 1226	Oswego	1994	125283	3387	2703.5	75
## 1227	Oswego	1995	125534	3354	2671.8	164
## 1228	Oswego	1996	125869	3392	2694.9	193
## 1229	Oswego	1997	125533	3439	2739.5	156
## 1230	Oswego	1998	125578	2885	2297.4	118
## 1231	Oswego	1999	124151	2763	2225.5	126
## 1232	Oswego	2000	129184	2478	1918.2	111
## 1233	Oswego	2001	122602	2994	2442.0	116
## 1234	Oswego	2002	123545	3077	2490.6	183
## 1235	Oswego	2003	123141	2538	2061.1	142
## 1236	Oswego	2004	123733	2632	2127.2	136
## 1237	Oswego	2005	123953	2659	2145.2	187
## 1238	Oswego	2006	123703	2736	2211.7	158
## 1239	Oswego	2007	122810	2641	2150.5	160
## 1240	Oswego	2008	121286	2593	2137.9	184
## 1241	Oswego	2009	121238	2789	2300.4	176
## 1242	Oswego	2010	119906	3288	2742.1	189
## 1243	Oswego	2011	122658	3217	2622.7	181
## 1244	Oswego	2012	122888	3328	2708.2	206
## 1245	Oswego	2013	121698	2678	2200.5	158
## 1246	Oswego	2014	121109	2557	2111.3	159
## 1247	Oswego	2015	120368	2374	1972.3	251
## 1248	Oswego	2016	118961	2314	1945.2	265
## 1249	Oswego	2017	118741	1980	1667.5	218
## 1250	Oswego	2018	115754	2033	1756.3	188
## 1251	Oswego	2019	116733	1891	1619.9	182
## 1252	Oswego	2020	115839	1812	1564.2	196
## 1253	Oswego	2021	118804	1640	1380.4	212
## 1254	Oswego	2022	118307	1575	1331.3	199
## 1255	Otsego	1990	60517	1214	2006.0	66
## 1256	Otsego	1991	60743	1374	2262.0	62
## 1257	Otsego	1992	60947	1247	2046.0	66
## 1258	Otsego	1993	61281	1356	2212.8	96
## 1259	Otsego	1994	61185	1243	2031.5	87
## 1260	Otsego	1995	61473	1324	2153.8	110
## 1261	Otsego	1996	61638	1415	2295.7	101
## 1262	Otsego	1997	61474	1453	2363.6	124

## 1263	Otsego	1998	61609	1171	1900.7	132
## 1264	Otsego	1999	60859	1373	2256.0	167
## 1265	Otsego	2000	63217	1032	1632.5	134
## 1266	Otsego	2001	61789	910	1472.8	117
## 1267	Otsego	2002	62265	1150	1846.9	159
## 1268	Otsego	2003	62176	1178	1894.6	133
## 1269	Otsego	2004	62316	1206	1935.3	129
## 1270	Otsego	2005	62608	1196	1910.3	112
## 1271	Otsego	2006	62914	1192	1894.6	146
## 1272	Otsego	2007	62542	1185	1894.7	100
## 1273	Otsego	2008	62469	1102	1764.1	86
## 1274	Otsego	2009	61976	1201	1937.8	140
## 1275	Otsego	2010	60905	1145	1880.0	126
## 1276	Otsego	2011	62539	1146	1832.5	119
## 1277	Otsego	2012	62251	983	1579.1	78
## 1278	Otsego	2013	61617	835	1355.1	65
## 1279	Otsego	2014	61644	837	1357.8	51
## 1280	Otsego	2015	60737	841	1384.7	78
## 1281	Otsego	2016	59929	779	1299.9	90
## 1282	Otsego	2017	59891	734	1225.6	93
## 1283	Otsego	2018	58672	719	1225.5	95
## 1284	Otsego	2019	59117	624	1055.5	100
## 1285	Otsego	2020	58818	637	1083.0	75
## 1286	Otsego	2021	59880	598	998.7	82
## 1287	Otsego	2022	58332	607	1040.6	60
## 1288	Putnam	1990	83941	1903	2267.1	135
## 1289	Putnam	1991	84254	1843	2187.4	109
## 1290	Putnam	1992	84535	1673	1979.1	107
## 1291	Putnam	1993	87611	1543	1761.2	79
## 1292	Putnam	1994	87473	1391	1590.2	64
## 1293	Putnam	1995	89053	1354	1520.4	60
## 1294	Putnam	1996	89290	1375	1539.9	70
## 1295	Putnam	1997	89052	1296	1455.3	60
## 1296	Putnam	1998	92576	1289	1392.4	70
## 1297	Putnam	1999	93467	1220	1305.3	66
## 1298	Putnam	2000	98909	1071	1082.8	53
## 1299	Putnam	2001	95921	1099	1145.7	91
## 1300	Putnam	2002	96658	1282	1326.3	73
## 1301	Putnam	2003	98424	1188	1207.0	79
## 1302	Putnam	2004	99742	1089	1091.8	77
## 1303	Putnam	2005	100714	1112	1104.1	95
## 1304	Putnam	2006	100776	963	955.6	93
## 1305	Putnam	2007	100963	983	973.6	71
## 1306	Putnam	2008	99894	1052	1053.1	83
## 1307	Putnam	2009	99574	963	967.1	85
## 1308	Putnam	2010	98472	934	948.5	69
## 1309	Putnam	2011	100158	860	858.6	66
## 1310	Putnam	2012	100472	875	870.9	41
## 1311	Putnam	2013	99665	772	774.6	49
## 1312	Putnam	2014	99778	780	781.7	51
## 1313	Putnam	2015	99220	589	593.6	43
## 1314	Putnam	2016	98238	603	613.8	37
## 1315	Putnam	2017	98971	628	634.5	54
## 1316	Putnam	2018	97414	502	515.3	54

## 1317	Putnam	2019	98253	377	383.7	49
## 1318	Putnam	2020	97548	398	408.0	37
## 1319	Putnam	2021	100991	517	511.9	58
## 1320	Putnam	2022	98953	536	541.7	63
## 1321	Queens	1990	1955125	165179	8448.5	30441
## 1322	Queens	1991	1962456	160205	8163.5	31821
## 1323	Queens	1992	1969950	151896	7710.7	30816
## 1324	Queens	1993	1961718	149016	7596.2	28565
## 1325	Queens	1994	1958772	129050	6588.3	25412
## 1326	Queens	1995	1954319	107935	5522.9	21789
## 1327	Queens	1996	1959672	93823	4787.7	18786
## 1328	Queens	1997	1954567	85894	4394.5	17832
## 1329	Queens	1998	1964518	75665	3851.6	16492
## 1330	Queens	1999	1983613	70598	3559.1	15700
## 1331	Queens	2000	2068318	64662	3126.3	14349
## 1332	Queens	2001	2142146	59338	2770.0	12991
## 1333	Queens	2002	2158613	56889	2635.4	12625
## 1334	Queens	2003	2243164	50442	2248.7	11106
## 1335	Queens	2004	2227863	48142	2160.9	10323
## 1336	Queens	2005	2231815	45122	2021.8	10250
## 1337	Queens	2006	2245375	44108	1964.4	10102
## 1338	Queens	2007	2252334	42630	1892.7	9846
## 1339	Queens	2008	2289695	41349	1805.9	9689
## 1340	Queens	2009	2303205	38925	1690.0	9299
## 1341	Queens	2010	2291352	38808	1693.7	9725
## 1342	Queens	2011	2240748	39863	1779.0	10311
## 1343	Queens	2012	2261906	40199	1777.2	10753
## 1344	Queens	2013	2292142	39913	1741.3	10740
## 1345	Queens	2014	2313385	38030	1643.9	9800
## 1346	Queens	2015	2337925	35920	1536.4	9854
## 1347	Queens	2016	2343667	33800	1442.2	9356
## 1348	Queens	2017	2356841	32860	1394.2	9184
## 1349	Queens	2018	2331358	33135	1421.3	8856
## 1350	Queens	2019	2267722	32483	1432.4	9393
## 1351	Queens	2020	2246431	37446	1666.9	9629
## 1352	Queens	2021	2333311	39330	1685.6	10262
## 1353	Queens	2022	2250884	50333	2236.1	11847
## 1354	Rensselaer	1990	154429	5438	3521.4	401
## 1355	Rensselaer	1991	155003	5500	3548.3	459
## 1356	Rensselaer	1992	155523	5661	3640.0	375
## 1357	Rensselaer	1993	157098	5678	3614.3	471
## 1358	Rensselaer	1994	156853	5405	3445.9	483
## 1359	Rensselaer	1995	156057	5565	3566.0	463
## 1360	Rensselaer	1996	156474	6044	3862.6	503
## 1361	Rensselaer	1997	156057	5483	3513.5	531
## 1362	Rensselaer	1998	154688	4883	3156.7	413
## 1363	Rensselaer	1999	152868	4774	3123.0	461
## 1364	Rensselaer	2000	157936	4881	3090.5	481
## 1365	Rensselaer	2001	152819	4662	3050.7	458
## 1366	Rensselaer	2002	153993	4953	3216.4	547
## 1367	Rensselaer	2003	153560	4636	3019.0	528
## 1368	Rensselaer	2004	154304	4318	2798.4	488
## 1369	Rensselaer	2005	154298	4421	2865.2	490
## 1370	Rensselaer	2006	155667	4695	3016.1	559

## 1371	Rensselaer	2007	155251	4539	2923.7	495
## 1372	Rensselaer	2008	155621	4770	3065.1	547
## 1373	Rensselaer	2009	155511	4809	3092.4	513
## 1374	Rensselaer	2010	154087	4853	3149.5	546
## 1375	Rensselaer	2011	160146	4688	2927.3	485
## 1376	Rensselaer	2012	160255	4648	2900.4	447
## 1377	Rensselaer	2013	160153	4137	2583.2	471
## 1378	Rensselaer	2014	160303	4259	2656.8	471
## 1379	Rensselaer	2015	159567	4200	2632.1	547
## 1380	Rensselaer	2016	159384	3658	2295.1	472
## 1381	Rensselaer	2017	160555	3518	2191.1	448
## 1382	Rensselaer	2018	156780	3095	1974.1	389
## 1383	Rensselaer	2019	158579	3207	2022.3	399
## 1384	Rensselaer	2020	157637	3186	2021.1	455
## 1385	Rensselaer	2021	162109	2966	1829.6	465
## 1386	Rensselaer	2022	160746	3440	2140.0	453
## 1387	Richmond	1990	380774	21853	5739.1	3092
## 1388	Richmond	1991	382201	19809	5182.9	3127
## 1389	Richmond	1992	382706	18144	4741.0	3319
## 1390	Richmond	1993	382057	18203	4764.5	3347
## 1391	Richmond	1994	381484	17966	4709.5	3189
## 1392	Richmond	1995	380616	13829	3633.3	2749
## 1393	Richmond	1996	381658	11951	3131.3	2523
## 1394	Richmond	1997	380665	11346	2980.6	2571
## 1395	Richmond	1998	382604	9060	2368.0	1855
## 1396	Richmond	1999	386322	8617	2230.5	1547
## 1397	Richmond	2000	402819	8605	2136.2	1714
## 1398	Richmond	2001	417196	7693	1844.0	1479
## 1399	Richmond	2002	420404	7848	1866.8	1426
## 1400	Richmond	2003	461590	6957	1507.2	1297
## 1401	Richmond	2004	461775	7102	1538.0	1419
## 1402	Richmond	2005	462594	7065	1527.3	1499
## 1403	Richmond	2006	465405	7136	1533.3	1408
## 1404	Richmond	2007	476771	6839	1434.4	1337
## 1405	Richmond	2008	485719	7508	1545.7	1325
## 1406	Richmond	2009	489575	6962	1422.0	1303
## 1407	Richmond	2010	488456	6819	1396.0	1351
## 1408	Richmond	2011	470837	6801	1444.4	1428
## 1409	Richmond	2012	475282	7146	1503.5	1664
## 1410	Richmond	2013	470183	7234	1538.5	1658
## 1411	Richmond	2014	474541	6865	1446.7	1551
## 1412	Richmond	2015	476611	6465	1356.5	1651
## 1413	Richmond	2016	475474	6313	1327.7	1589
## 1414	Richmond	2017	479104	5969	1245.9	1451
## 1415	Richmond	2018	473924	5738	1210.7	1408
## 1416	Richmond	2019	470017	4789	1018.9	1298
## 1417	Richmond	2020	465604	5042	1082.9	1347
## 1418	Richmond	2021	493953	4845	980.9	1313
## 1419	Richmond	2022	485281	7181	1479.8	1746
## 1420	Rockland	1990	265475	8508	3204.8	709
## 1421	Rockland	1991	266466	7910	2968.5	787
## 1422	Rockland	1992	267362	7715	2885.6	730
## 1423	Rockland	1993	272163	7648	2810.1	618
## 1424	Rockland	1994	271737	7378	2715.1	659

## 1425	Rockland	1995	274361	8587	3129.8	767
## 1426	Rockland	1996	275095	7797	2834.3	658
## 1427	Rockland	1997	274363	7437	2710.6	746
## 1428	Rockland	1998	280448	7012	2500.3	710
## 1429	Rockland	1999	281668	6707	2381.2	739
## 1430	Rockland	2000	296194	6009	2028.7	635
## 1431	Rockland	2001	287281	6099	2123.0	719
## 1432	Rockland	2002	289489	5409	1868.5	649
## 1433	Rockland	2003	292331	4946	1691.9	554
## 1434	Rockland	2004	293553	5232	1782.3	571
## 1435	Rockland	2005	294047	4758	1618.1	541
## 1436	Rockland	2006	293700	4746	1615.9	507
## 1437	Rockland	2007	295219	4477	1516.5	545
## 1438	Rockland	2008	298129	5047	1692.9	542
## 1439	Rockland	2009	299944	4988	1663.0	473
## 1440	Rockland	2010	298092	4866	1632.4	464
## 1441	Rockland	2011	313088	4655	1486.8	564
## 1442	Rockland	2012	316859	4417	1394.0	505
## 1443	Rockland	2013	319900	3843	1201.3	401
## 1444	Rockland	2014	323543	3734	1154.1	372
## 1445	Rockland	2015	326136	3818	1170.7	493
## 1446	Rockland	2016	326643	3588	1098.4	384
## 1447	Rockland	2017	329966	3441	1042.8	403
## 1448	Rockland	2018	325061	3285	1010.6	373
## 1449	Rockland	2019	325586	2931	900.2	382
## 1450	Rockland	2020	325221	2773	852.7	342
## 1451	Rockland	2021	336184	2354	700.2	348
## 1452	Rockland	2022	342900	2883	840.8	362
## 1453	Saratoga	1990	181276	5152	2842.1	476
## 1454	Saratoga	1991	181951	5292	2908.5	558
## 1455	Saratoga	1992	182561	5165	2829.2	566
## 1456	Saratoga	1993	189298	4277	2259.4	517
## 1457	Saratoga	1994	189002	4154	2197.9	456
## 1458	Saratoga	1995	192530	4286	2226.1	519
## 1459	Saratoga	1996	193045	4382	2269.9	524
## 1460	Saratoga	1997	192531	3152	1637.1	237
## 1461	Saratoga	1998	196997	3011	1528.4	209
## 1462	Saratoga	1999	197838	2935	1483.5	218
## 1463	Saratoga	2000	208293	3026	1452.8	263
## 1464	Saratoga	2001	201004	3168	1576.1	265
## 1465	Saratoga	2002	202550	2860	1412.0	262
## 1466	Saratoga	2003	207487	2629	1267.1	197
## 1467	Saratoga	2004	210222	2851	1356.2	248
## 1468	Saratoga	2005	213011	2870	1347.3	269
## 1469	Saratoga	2006	215434	3287	1525.8	244
## 1470	Saratoga	2007	216944	3033	1398.1	205
## 1471	Saratoga	2008	217656	3140	1442.6	161
## 1472	Saratoga	2009	218936	2923	1335.1	173
## 1473	Saratoga	2010	219519	3236	1474.1	151
## 1474	Saratoga	2011	220594	3075	1394.0	132
## 1475	Saratoga	2012	222074	3241	1459.4	153
## 1476	Saratoga	2013	223105	3115	1396.2	173
## 1477	Saratoga	2014	225201	2965	1316.6	165
## 1478	Saratoga	2015	225720	2850	1262.6	259

## 1479	Saratoga	2016	225997	2847	1259.8	258
## 1480	Saratoga	2017	228753	2796	1222.3	279
## 1481	Saratoga	2018	226965	2611	1150.4	232
## 1482	Saratoga	2019	230182	2320	1007.9	201
## 1483	Saratoga	2020	229506	2239	975.6	230
## 1484	Saratoga	2021	237381	2499	1052.7	271
## 1485	Saratoga	2022	240841	2810	1166.7	301
## 1486	Schenectady	1990	149285	5924	3968.2	387
## 1487	Schenectady	1991	149842	6364	4247.1	642
## 1488	Schenectady	1992	150345	6944	4618.7	924
## 1489	Schenectady	1993	150837	6406	4247.0	744
## 1490	Schenectady	1994	150601	6813	4523.9	783
## 1491	Schenectady	1995	149307	6645	4450.6	616
## 1492	Schenectady	1996	149708	6122	4089.3	557
## 1493	Schenectady	1997	149311	5676	3801.5	501
## 1494	Schenectady	1998	147533	5620	3809.3	563
## 1495	Schenectady	1999	145701	5425	3723.4	570
## 1496	Schenectady	2000	150037	5285	3522.5	559
## 1497	Schenectady	2001	146825	5478	3731.0	619
## 1498	Schenectady	2002	147953	5157	3485.6	563
## 1499	Schenectady	2003	147370	4788	3249.0	554
## 1500	Schenectady	2004	147573	5418	3671.4	613
## 1501	Schenectady	2005	148254	5764	3887.9	708
## 1502	Schenectady	2006	149477	6185	4137.8	799
## 1503	Schenectady	2007	150599	5355	3555.8	689
## 1504	Schenectady	2008	151325	5643	3729.1	740
## 1505	Schenectady	2009	151942	5830	3837.0	652
## 1506	Schenectady	2010	151036	6021	3986.5	748
## 1507	Schenectady	2011	155422	5529	3557.4	687
## 1508	Schenectady	2012	155895	5592	3587.0	691
## 1509	Schenectady	2013	155367	5378	3461.5	674
## 1510	Schenectady	2014	155678	5092	3270.9	598
## 1511	Schenectady	2015	155634	4622	2969.8	667
## 1512	Schenectady	2016	153524	4685	3051.6	693
## 1513	Schenectady	2017	154847	4601	2971.3	673
## 1514	Schenectady	2018	152748	4616	3022.0	715
## 1515	Schenectady	2019	154557	3953	2557.6	607
## 1516	Schenectady	2020	154361	3855	2497.4	561
## 1517	Schenectady	2021	159464	3868	2425.6	532
## 1518	Schenectady	2022	159509	4638	2907.7	619
## 1519	Schoharie	1990	31859	749	2351.0	52
## 1520	Schoharie	1991	31976	741	2317.4	57
## 1521	Schoharie	1992	32082	683	2128.9	59
## 1522	Schoharie	1993	32656	587	1797.5	49
## 1523	Schoharie	1994	32605	540	1656.2	47
## 1524	Schoharie	1995	32975	586	1777.1	51
## 1525	Schoharie	1996	33062	588	1778.5	45
## 1526	Schoharie	1997	32973	526	1595.2	39
## 1527	Schoharie	1998	32551	470	1443.9	33
## 1528	Schoharie	1999	32476	513	1579.6	43
## 1529	Schoharie	2000	33424	555	1660.5	26
## 1530	Schoharie	2001	31640	633	2000.6	46
## 1531	Schoharie	2002	31884	640	2007.3	67
## 1532	Schoharie	2003	31909	648	2030.8	40

## 1533	Schoharie	2004	31746	523	1647.5	45
## 1534	Schoharie	2005	32058	498	1553.4	33
## 1535	Schoharie	2006	32363	479	1480.1	28
## 1536	Schoharie	2007	32193	567	1761.3	33
## 1537	Schoharie	2008	32113	605	1884.0	22
## 1538	Schoharie	2009	31936	572	1791.1	27
## 1539	Schoharie	2010	31169	467	1498.3	17
## 1540	Schoharie	2011	32896	433	1316.3	15
## 1541	Schoharie	2012	32754	494	1508.2	19
## 1542	Schoharie	2013	31944	536	1677.9	27
## 1543	Schoharie	2014	31691	380	1199.1	11
## 1544	Schoharie	2015	31235	402	1287.0	38
## 1545	Schoharie	2016	30860	384	1244.3	36
## 1546	Schoharie	2017	31166	314	1007.5	37
## 1547	Schoharie	2018	30657	320	1043.8	27
## 1548	Schoharie	2019	30734	235	764.6	46
## 1549	Schoharie	2020	30621	315	1028.7	43
## 1550	Schoharie	2021	31790	289	909.1	37
## 1551	Schoharie	2022	30233	248	820.3	30
## 1552	Schuyler	1990	18662	646	3461.6	19
## 1553	Schuyler	1991	18731	583	3112.5	30
## 1554	Schuyler	1992	18793	496	2639.3	35
## 1555	Schuyler	1993	18988	428	2254.1	38
## 1556	Schuyler	1994	18958	338	1782.9	36
## 1557	Schuyler	1995	18977	504	2655.8	38
## 1558	Schuyler	1996	19028	351	1844.6	22
## 1559	Schuyler	1997	18977	318	1675.7	16
## 1560	Schuyler	1998	19202	359	1869.6	10
## 1561	Schuyler	1999	19147	451	2355.5	26
## 1562	Schuyler	2000	20053	423	2109.4	21
## 1563	Schuyler	2001	19259	390	2025.0	31
## 1564	Schuyler	2002	19407	324	1669.5	29
## 1565	Schuyler	2003	19408	322	1659.1	21
## 1566	Schuyler	2004	19492	347	1780.2	12
## 1567	Schuyler	2005	19533	341	1745.8	30
## 1568	Schuyler	2006	19394	213	1098.3	12
## 1569	Schuyler	2007	19382	167	861.6	19
## 1570	Schuyler	2008	18989	207	1090.1	15
## 1571	Schuyler	2009	18839	174	923.6	18
## 1572	Schuyler	2010	18455	198	1072.9	11
## 1573	Schuyler	2011	18425	172	933.5	18
## 1574	Schuyler	2012	18460	185	1002.2	21
## 1575	Schuyler	2013	18604	165	886.9	14
## 1576	Schuyler	2014	18529	165	890.5	10
## 1577	Schuyler	2015	18488	149	805.9	14
## 1578	Schuyler	2016	18042	118	654.0	13
## 1579	Schuyler	2017	18106	70	386.6	15
## 1580	Schuyler	2018	17619	60	340.5	15
## 1581	Schuyler	2019	17763	66	371.6	10
## 1582	Schuyler	2020	17637	49	277.8	10
## 1583	Schuyler	2021	18081	50	276.5	10
## 1584	Schuyler	2022	17781	94	528.7	12
## 1585	Seneca	1990	33683	793	2354.3	52
## 1586	Seneca	1991	33807	808	2390.0	54

## 1587	Seneca	1992	33920	703	2072.5	36
## 1588	Seneca	1993	33701	656	1946.5	44
## 1589	Seneca	1994	33645	787	2339.1	47
## 1590	Seneca	1995	32576	791	2428.2	43
## 1591	Seneca	1996	32661	785	2403.5	46
## 1592	Seneca	1997	32573	749	2299.5	53
## 1593	Seneca	1998	32888	792	2408.2	66
## 1594	Seneca	1999	31980	671	2098.2	40
## 1595	Seneca	2000	33293	689	2069.5	31
## 1596	Seneca	2001	33403	606	1814.2	57
## 1597	Seneca	2002	33661	636	1889.4	55
## 1598	Seneca	2003	35035	606	1729.7	44
## 1599	Seneca	2004	35251	586	1662.4	37
## 1600	Seneca	2005	35125	587	1671.2	37
## 1601	Seneca	2006	34948	590	1688.2	46
## 1602	Seneca	2007	34827	565	1622.3	46
## 1603	Seneca	2008	34332	665	1937.0	46
## 1604	Seneca	2009	34162	651	1905.6	48
## 1605	Seneca	2010	33740	660	1956.1	52
## 1606	Seneca	2011	35409	681	1923.2	63
## 1607	Seneca	2012	35388	853	2410.4	59
## 1608	Seneca	2013	35375	794	2244.5	62
## 1609	Seneca	2014	35503	721	2030.8	57
## 1610	Seneca	2015	34726	730	2102.2	62
## 1611	Seneca	2016	34522	643	1862.6	67
## 1612	Seneca	2017	34779	571	1641.8	73
## 1613	Seneca	2018	33746	466	1380.9	48
## 1614	Seneca	2019	33994	440	1294.3	45
## 1615	Seneca	2020	33665	438	1301.1	55
## 1616	Seneca	2021	34750	539	1551.1	67
## 1617	Seneca	2022	33915	491	1447.7	83
## 1618	St Lawrence	1990	111974	3541	3162.3	281
## 1619	St Lawrence	1991	112389	3853	3428.3	209
## 1620	St Lawrence	1992	112764	3810	3378.7	233
## 1621	St Lawrence	1993	114369	3447	3013.9	218
## 1622	St Lawrence	1994	114189	3446	3017.8	208
## 1623	St Lawrence	1995	115276	3210	2784.6	205
## 1624	St Lawrence	1996	115583	3266	2825.7	194
## 1625	St Lawrence	1997	115274	3166	2746.5	206
## 1626	St Lawrence	1998	114420	3008	2628.9	189
## 1627	St Lawrence	1999	113821	2848	2502.2	197
## 1628	St Lawrence	2000	117690	2808	2385.9	234
## 1629	St Lawrence	2001	112137	2526	2252.6	225
## 1630	St Lawrence	2002	112999	2523	2232.8	264
## 1631	St Lawrence	2003	111362	2579	2315.9	216
## 1632	St Lawrence	2004	111870	2644	2363.5	144
## 1633	St Lawrence	2005	111465	2673	2398.1	174
## 1634	St Lawrence	2006	111678	2699	2416.8	158
## 1635	St Lawrence	2007	110894	2318	2090.3	196
## 1636	St Lawrence	2008	109530	2327	2124.5	210
## 1637	St Lawrence	2009	109430	1818	1661.3	194
## 1638	St Lawrence	2010	108273	2482	2292.4	141
## 1639	St Lawrence	2011	112447	2515	2236.6	143
## 1640	St Lawrence	2012	112293	2241	1995.7	122

## 1641	St Lawrence	2013	112480	1965	1747.0	112
## 1642	St Lawrence	2014	112184	1759	1568.0	97
## 1643	St Lawrence	2015	111077	1671	1504.4	143
## 1644	St Lawrence	2016	110113	1739	1579.3	173
## 1645	St Lawrence	2017	109995	1512	1374.6	134
## 1646	St Lawrence	2018	107265	1401	1306.1	153
## 1647	St Lawrence	2019	106996	1114	1041.2	105
## 1648	St Lawrence	2020	106616	1133	1062.7	137
## 1649	St Lawrence	2021	109519	1189	1085.7	168
## 1650	St Lawrence	2022	108604	1330	1224.6	147
## 1651	Steuben	1990	99088	3410	3441.4	246
## 1652	Steuben	1991	99454	3509	3528.3	200
## 1653	Steuben	1992	99783	3439	3446.5	244
## 1654	Steuben	1993	100617	3004	2985.6	205
## 1655	Steuben	1994	100455	3303	3288.0	221
## 1656	Steuben	1995	100432	3466	3451.1	214
## 1657	Steuben	1996	100697	2880	2860.1	204
## 1658	Steuben	1997	100424	2937	2924.6	216
## 1659	Steuben	1998	99265	2725	2745.2	178
## 1660	Steuben	1999	98065	2427	2474.9	186
## 1661	Steuben	2000	101886	2049	2011.1	137
## 1662	Steuben	2001	98908	2025	2047.4	120
## 1663	Steuben	2002	99668	1417	1421.7	122
## 1664	Steuben	2003	99482	1516	1523.9	126
## 1665	Steuben	2004	99203	2093	2109.8	188
## 1666	Steuben	2005	98956	2153	2175.7	202
## 1667	Steuben	2006	98896	1770	1789.8	259
## 1668	Steuben	2007	97881	1551	1584.6	160
## 1669	Steuben	2008	96608	1498	1550.6	161
## 1670	Steuben	2009	96303	1401	1454.8	134
## 1671	Steuben	2010	95252	1837	1928.6	164
## 1672	Steuben	2011	99435	1687	1696.6	138
## 1673	Steuben	2012	99568	1837	1845.0	156
## 1674	Steuben	2013	99222	1541	1553.1	123
## 1675	Steuben	2014	98730	1541	1560.8	115
## 1676	Steuben	2015	98066	1585	1616.3	189
## 1677	Steuben	2016	96718	1526	1577.8	188
## 1678	Steuben	2017	96823	1268	1309.6	171
## 1679	Steuben	2018	94101	1043	1108.4	160
## 1680	Steuben	2019	94878	904	952.8	138
## 1681	Steuben	2020	94382	863	914.4	117
## 1682	Steuben	2021	96697	821	849.0	165
## 1683	Steuben	2022	93232	961	1030.8	152
## 1684	Suffolk	1990	1321864	61300	4637.4	3786
## 1685	Suffolk	1991	1326812	67697	5102.2	3989
## 1686	Suffolk	1992	1331288	64042	4810.5	4218
## 1687	Suffolk	1993	1344696	59241	4405.5	3799
## 1688	Suffolk	1994	1342613	51720	3852.2	3154
## 1689	Suffolk	1995	1345242	47187	3507.7	2758
## 1690	Suffolk	1996	1348867	45231	3353.3	2567
## 1691	Suffolk	1997	1345293	44265	3290.4	2513
## 1692	Suffolk	1998	1365477	41516	3040.4	2730
## 1693	Suffolk	1999	1372876	37443	2727.3	2430
## 1694	Suffolk	2000	1443155	36411	2523.0	3049

## 1695	Suffolk	2001	1421981	37655	2648.1	3326
## 1696	Suffolk	2002	1432913	36706	2561.6	3123
## 1697	Suffolk	2003	1461136	35391	2422.2	2975
## 1698	Suffolk	2004	1470865	32016	2176.7	2844
## 1699	Suffolk	2005	1477602	32092	2171.9	3109
## 1700	Suffolk	2006	1478876	32596	2204.1	3100
## 1701	Suffolk	2007	1472242	31374	2131.0	2657
## 1702	Suffolk	2008	1522727	34015	2233.8	2613
## 1703	Suffolk	2009	1521962	32603	2142.2	2740
## 1704	Suffolk	2010	1511183	32638	2159.8	2377
## 1705	Suffolk	2011	1500062	31406	2093.6	2217
## 1706	Suffolk	2012	1506906	28885	1916.8	2127
## 1707	Suffolk	2013	1502540	26379	1755.6	1934
## 1708	Suffolk	2014	1503376	26121	1737.5	1765
## 1709	Suffolk	2015	1502075	24496	1630.8	2010
## 1710	Suffolk	2016	1492991	23092	1546.7	1896
## 1711	Suffolk	2017	1495619	21462	1435.0	1749
## 1712	Suffolk	2018	1464741	18977	1295.6	1512
## 1713	Suffolk	2019	1471317	18194	1236.6	1419
## 1714	Suffolk	2020	1465277	18148	1238.5	1321
## 1715	Suffolk	2021	1510715	17114	1132.8	1455
## 1716	Suffolk	2022	1540104	20785	1349.6	1371
## 1717	Sullivan	1990	69277	3169	4574.4	300
## 1718	Sullivan	1991	69532	3229	4643.9	338
## 1719	Sullivan	1992	69765	2872	4116.7	334
## 1720	Sullivan	1993	71045	3111	4378.9	379
## 1721	Sullivan	1994	70932	3115	4391.5	381
## 1722	Sullivan	1995	70504	3031	4299.0	341
## 1723	Sullivan	1996	70692	2939	4157.5	398
## 1724	Sullivan	1997	70502	2887	4094.9	430
## 1725	Sullivan	1998	70503	2528	3585.7	277
## 1726	Sullivan	1999	69192	2108	3046.6	235
## 1727	Sullivan	2000	72302	2202	3045.6	285
## 1728	Sullivan	2001	74102	1817	2452.0	259
## 1729	Sullivan	2002	74672	1837	2460.1	256
## 1730	Sullivan	2003	74399	2106	2830.7	294
## 1731	Sullivan	2004	75092	1880	2503.6	273
## 1732	Sullivan	2005	76219	2221	2914.0	260
## 1733	Sullivan	2006	76744	2004	2611.3	291
## 1734	Sullivan	2007	76742	2067	2693.4	268
## 1735	Sullivan	2008	76571	1806	2358.6	195
## 1736	Sullivan	2009	76387	1544	2021.3	186
## 1737	Sullivan	2010	75137	1708	2273.2	219
## 1738	Sullivan	2011	77896	1940	2490.5	201
## 1739	Sullivan	2012	77315	1929	2495.0	179
## 1740	Sullivan	2013	76673	1720	2243.3	172
## 1741	Sullivan	2014	76591	1646	2149.1	157
## 1742	Sullivan	2015	75425	1331	1764.7	171
## 1743	Sullivan	2016	73885	1229	1663.4	197
## 1744	Sullivan	2017	74545	1282	1719.8	221
## 1745	Sullivan	2018	73794	1198	1623.4	195
## 1746	Sullivan	2019	74843	1018	1360.2	187
## 1747	Sullivan	2020	74732	852	1140.1	147
## 1748	Sullivan	2021	77612	932	1200.8	136

## 1749	Sullivan 2022	81596	845	1035.6	143
## 1750	Tioga 1990	52337	915	1748.3	121
## 1751	Tioga 1991	52531	1276	2429.0	166
## 1752	Tioga 1992	52708	1201	2278.6	183
## 1753	Tioga 1993	53635	1116	2080.7	180
## 1754	Tioga 1994	53551	1020	1904.7	137
## 1755	Tioga 1995	53326	919	1723.4	98
## 1756	Tioga 1996	53468	839	1569.2	58
## 1757	Tioga 1997	53325	627	1175.8	47
## 1758	Tioga 1998	53075	751	1415.0	33
## 1759	Tioga 1999	52538	614	1168.7	43
## 1760	Tioga 2000	54454	507	931.1	34
## 1761	Tioga 2001	51879	542	1044.7	31
## 1762	Tioga 2002	52278	610	1166.8	38
## 1763	Tioga 2003	51860	600	1157.0	32
## 1764	Tioga 2004	51846	546	1053.1	29
## 1765	Tioga 2005	51609	513	994.0	29
## 1766	Tioga 2006	51613	587	1137.3	37
## 1767	Tioga 2007	51076	533	1043.5	35
## 1768	Tioga 2008	50281	580	1153.5	36
## 1769	Tioga 2009	49986	555	1110.3	30
## 1770	Tioga 2010	49341	600	1216.0	36
## 1771	Tioga 2011	51355	591	1150.8	34
## 1772	Tioga 2012	51319	667	1299.7	35
## 1773	Tioga 2013	50342	650	1291.2	27
## 1774	Tioga 2014	50124	468	933.7	27
## 1775	Tioga 2015	49485	460	929.6	54
## 1776	Tioga 2016	48810	463	948.6	63
## 1777	Tioga 2017	48507	453	933.9	48
## 1778	Tioga 2018	47336	397	838.7	43
## 1779	Tioga 2019	47997	396	825.1	58
## 1780	Tioga 2020	47597	432	907.6	59
## 1781	Tioga 2021	48847	420	859.8	57
## 1782	Tioga 2022	47967	361	752.6	57
## 1783	Tompkins 1990	94097	4495	4777.0	143
## 1784	Tompkins 1991	94446	4862	5147.9	182
## 1785	Tompkins 1992	94762	4770	5033.7	181
## 1786	Tompkins 1993	95802	4869	5082.4	217
## 1787	Tompkins 1994	95651	4468	4671.1	134
## 1788	Tompkins 1995	96130	4054	4217.2	163
## 1789	Tompkins 1996	96386	3578	3712.2	141
## 1790	Tompkins 1997	96127	3286	3418.4	148
## 1791	Tompkins 1998	96849	2823	2914.8	101
## 1792	Tompkins 1999	96133	2710	2819.0	161
## 1793	Tompkins 2000	101841	2558	2511.8	113
## 1794	Tompkins 2001	96679	2614	2703.8	121
## 1795	Tompkins 2002	97422	3005	3084.5	132
## 1796	Tompkins 2003	99376	2294	2308.4	128
## 1797	Tompkins 2004	101606	2263	2227.2	116
## 1798	Tompkins 2005	100278	2812	2804.2	147
## 1799	Tompkins 2006	100286	2720	2712.2	147
## 1800	Tompkins 2007	100687	2452	2435.3	116
## 1801	Tompkins 2008	101591	2475	2436.2	137
## 1802	Tompkins 2009	101616	2558	2517.3	153

## 1803	Tompkins	2010	101158	2505	2476.3	120
## 1804	Tompkins	2011	102020	2391	2343.7	91
## 1805	Tompkins	2012	102272	2746	2685.0	116
## 1806	Tompkins	2013	102977	2902	2818.1	109
## 1807	Tompkins	2014	104271	2604	2497.3	103
## 1808	Tompkins	2015	105240	2296	2181.7	147
## 1809	Tompkins	2016	104871	1957	1866.1	160
## 1810	Tompkins	2017	105637	1967	1862.0	147
## 1811	Tompkins	2018	103272	1920	1859.2	160
## 1812	Tompkins	2019	102363	1867	1823.9	132
## 1813	Tompkins	2020	101580	2135	2101.8	170
## 1814	Tompkins	2021	103627	2225	2147.1	219
## 1815	Tompkins	2022	105711	2408	2277.9	183
## 1816	Ulster	1990	165304	5542	3352.6	613
## 1817	Ulster	1991	165915	5184	3124.5	544
## 1818	Ulster	1992	166468	5211	3130.3	501
## 1819	Ulster	1993	170006	5048	2969.3	556
## 1820	Ulster	1994	169736	5030	2963.4	593
## 1821	Ulster	1995	168560	4776	2833.4	524
## 1822	Ulster	1996	169009	4548	2691.0	592
## 1823	Ulster	1997	168558	4880	2895.1	629
## 1824	Ulster	1998	167283	4207	2514.9	543
## 1825	Ulster	1999	166546	4072	2445.0	389
## 1826	Ulster	2000	174463	3963	2271.5	401
## 1827	Ulster	2001	178076	3500	1965.5	359
## 1828	Ulster	2002	179445	4106	2288.2	525
## 1829	Ulster	2003	180292	4026	2233.0	582
## 1830	Ulster	2004	181460	3905	2152.0	467
## 1831	Ulster	2005	182039	4062	2231.4	558
## 1832	Ulster	2006	183182	3919	2139.4	512
## 1833	Ulster	2007	182932	3473	1898.5	455
## 1834	Ulster	2008	182305	3670	2013.1	459
## 1835	Ulster	2009	182041	3898	2141.3	445
## 1836	Ulster	2010	179764	3840	2136.1	408
## 1837	Ulster	2011	183313	3772	2057.7	335
## 1838	Ulster	2012	183433	3943	2149.6	279
## 1839	Ulster	2013	181804	3582	1970.3	294
## 1840	Ulster	2014	180937	3262	1802.8	293
## 1841	Ulster	2015	179613	3011	1676.4	304
## 1842	Ulster	2016	178502	2644	1481.2	297
## 1843	Ulster	2017	179106	2572	1436.0	289
## 1844	Ulster	2018	175637	2262	1287.9	283
## 1845	Ulster	2019	177151	2115	1193.9	258
## 1846	Ulster	2020	175918	1925	1094.3	228
## 1847	Ulster	2021	181879	1753	963.8	245
## 1848	Ulster	2022	185611	1727	930.4	202
## 1849	Warren	1990	59209	2506	4232.5	285
## 1850	Warren	1991	59429	2721	4578.6	298
## 1851	Warren	1992	59628	2872	4816.5	373
## 1852	Warren	1993	60776	2749	4523.2	302
## 1853	Warren	1994	60682	2349	3871.0	278
## 1854	Warren	1995	61223	2358	3851.5	281
## 1855	Warren	1996	61387	2320	3779.3	201
## 1856	Warren	1997	61224	2029	3314.1	133

## 1857	Warren	1998	62023	2076	3347.1	143
## 1858	Warren	1999	61333	1705	2779.9	109
## 1859	Warren	2000	64074	1774	2768.7	110
## 1860	Warren	2001	63419	1772	2794.1	101
## 1861	Warren	2002	63907	1892	2960.6	122
## 1862	Warren	2003	64015	1600	2499.4	135
## 1863	Warren	2004	64840	1457	2247.1	98
## 1864	Warren	2005	65240	1566	2400.4	89
## 1865	Warren	2006	65724	1817	2764.6	112
## 1866	Warren	2007	66304	1629	2456.9	109
## 1867	Warren	2008	66478	1614	2427.9	111
## 1868	Warren	2009	66247	1444	2179.7	77
## 1869	Warren	2010	65549	1297	1978.7	99
## 1870	Warren	2011	66002	1494	2263.6	107
## 1871	Warren	2012	66186	1430	2160.6	125
## 1872	Warren	2013	65566	1297	1978.2	53
## 1873	Warren	2014	65353	1209	1850.0	40
## 1874	Warren	2015	64672	1090	1685.4	108
## 1875	Warren	2016	64064	1201	1874.7	112
## 1876	Warren	2017	64530	1079	1672.1	107
## 1877	Warren	2018	63165	953	1508.7	96
## 1878	Warren	2019	63740	730	1145.3	84
## 1879	Warren	2020	63351	743	1172.8	77
## 1880	Warren	2021	65227	920	1410.5	65
## 1881	Warren	2022	66092	994	1504.0	91
## 1882	Washington	1990	59330	1412	2379.9	180
## 1883	Washington	1991	59548	1502	2522.3	209
## 1884	Washington	1992	59745	1352	2263.0	189
## 1885	Washington	1993	60747	1308	2153.2	215
## 1886	Washington	1994	60651	1292	2130.2	197
## 1887	Washington	1995	60674	1395	2299.2	162
## 1888	Washington	1996	60834	1150	1890.4	62
## 1889	Washington	1997	60670	1298	2139.4	194
## 1890	Washington	1998	60816	1375	2260.9	247
## 1891	Washington	1999	60552	1122	1853.0	193
## 1892	Washington	2000	62718	1111	1771.4	206
## 1893	Washington	2001	61154	960	1569.8	195
## 1894	Washington	2002	61624	1123	1822.3	213
## 1895	Washington	2003	61299	1016	1657.4	185
## 1896	Washington	2004	61991	774	1248.6	86
## 1897	Washington	2005	62897	909	1445.2	97
## 1898	Washington	2006	63193	1073	1698.0	96
## 1899	Washington	2007	63536	1003	1578.6	128
## 1900	Washington	2008	62944	911	1447.3	119
## 1901	Washington	2009	62991	769	1220.8	60
## 1902	Washington	2010	62227	884	1420.6	93
## 1903	Washington	2011	63500	866	1363.8	96
## 1904	Washington	2012	63506	970	1527.4	78
## 1905	Washington	2013	62893	882	1402.4	71
## 1906	Washington	2014	63134	685	1085.0	60
## 1907	Washington	2015	62016	614	990.1	91
## 1908	Washington	2016	61610	595	965.8	97
## 1909	Washington	2017	61690	541	877.0	91
## 1910	Washington	2018	60229	460	763.8	83

##	1911	Washington	2019	60599	344	567.7	82
##	1912	Washington	2020	60583	372	614.0	89
##	1913	Washington	2021	61913	346	558.8	70
##	1914	Washington	2022	61228	439	717.0	89
##	1915	Wayne	1990	89123	2604	2921.8	179
##	1916	Wayne	1991	89454	3093	3457.6	197
##	1917	Wayne	1992	89754	2960	3297.9	187
##	1918	Wayne	1993	91752	2839	3094.2	178
##	1919	Wayne	1994	91607	2702	2949.6	203
##	1920	Wayne	1995	92816	2333	2513.6	183
##	1921	Wayne	1996	93063	2056	2209.3	136
##	1922	Wayne	1997	92812	2143	2309.0	136
##	1923	Wayne	1998	95493	2196	2299.6	130
##	1924	Wayne	1999	95088	1953	2053.9	109
##	1925	Wayne	2000	99615	2151	2159.3	121
##	1926	Wayne	2001	93938	2113	2249.4	139
##	1927	Wayne	2002	94660	2020	2134.0	135
##	1928	Wayne	2003	94238	2255	2392.9	145
##	1929	Wayne	2004	93909	2182	2323.5	197
##	1930	Wayne	2005	93995	2218	2359.7	171
##	1931	Wayne	2006	92018	2267	2463.6	165
##	1932	Wayne	2007	92504	1784	1928.6	162
##	1933	Wayne	2008	90960	2008	2207.6	185
##	1934	Wayne	2009	91270	1774	1943.7	140
##	1935	Wayne	2010	90027	1966	2183.8	169
##	1936	Wayne	2011	94193	1709	1814.4	141
##	1937	Wayne	2012	93940	1843	1961.9	132
##	1938	Wayne	2013	92809	1842	1984.7	153
##	1939	Wayne	2014	92302	1604	1737.8	112
##	1940	Wayne	2015	91455	1644	1797.6	203
##	1941	Wayne	2016	90389	1623	1795.6	160
##	1942	Wayne	2017	90519	1495	1651.6	189
##	1943	Wayne	2018	88547	1484	1675.9	173
##	1944	Wayne	2019	89121	1226	1375.7	168
##	1945	Wayne	2020	88933	1348	1515.7	171
##	1946	Wayne	2021	91230	1231	1349.3	190
##	1947	Wayne	2022	91426	1477	1615.5	155
##	1948	Westchester	1990	874866	38145	4360.1	3871
##	1949	Westchester	1991	878128	37118	4226.9	3933
##	1950	Westchester	1992	881073	34275	3890.1	3722
##	1951	Westchester	1993	886086	32727	3693.4	3840
##	1952	Westchester	1994	884719	31166	3522.7	3632
##	1953	Westchester	1995	887306	31001	3493.8	3572
##	1954	Westchester	1996	889681	29486	3314.2	3227
##	1955	Westchester	1997	887311	28601	3223.3	3146
##	1956	Westchester	1998	898102	25977	2892.4	2994
##	1957	Westchester	1999	898972	22710	2526.2	2740
##	1958	Westchester	2000	944382	22034	2333.2	2624
##	1959	Westchester	2001	925158	21591	2333.8	2789
##	1960	Westchester	2002	932270	19948	2139.7	2575
##	1961	Westchester	2003	938873	19498	2076.7	2616
##	1962	Westchester	2004	942114	18622	1976.6	2601
##	1963	Westchester	2005	943794	17345	1837.8	2648
##	1964	Westchester	2006	943326	17678	1874.0	2768

##	1965	Westchester	2007	950091	16786	1766.8	2478
##	1966	Westchester	2008	954255	16723	1752.5	2414
##	1967	Westchester	2009	956850	16636	1738.6	2482
##	1968	Westchester	2010	948303	15392	1623.1	2457
##	1969	Westchester	2011	953379	16283	1707.9	2557
##	1970	Westchester	2012	961058	15040	1564.9	2448
##	1971	Westchester	2013	966498	14135	1462.5	2192
##	1972	Westchester	2014	974944	12106	1241.7	2149
##	1973	Westchester	2015	976316	12240	1253.7	2148
##	1974	Westchester	2016	975138	12543	1286.3	2116
##	1975	Westchester	2017	980819	11580	1180.6	1953
##	1976	Westchester	2018	966057	9848	1019.4	1678
##	1977	Westchester	2019	964433	9664	1002.0	1633
##	1978	Westchester	2020	963247	10308	1070.1	1584
##	1979	Westchester	2021	992573	9286	935.5	1521
##	1980	Westchester	2022	1000049	11193	1119.2	1677
##	1981	Wyoming	1990	42507	1354	3185.4	212
##	1982	Wyoming	1991	42663	1220	2859.6	222
##	1983	Wyoming	1992	42804	1179	2754.4	189
##	1984	Wyoming	1993	43699	1151	2633.9	192
##	1985	Wyoming	1994	43629	1052	2411.2	171
##	1986	Wyoming	1995	43971	1146	2606.3	138
##	1987	Wyoming	1996	44087	1108	2513.2	122
##	1988	Wyoming	1997	43969	1051	2390.3	114
##	1989	Wyoming	1998	44690	1166	2609.1	108
##	1990	Wyoming	1999	44101	1023	2319.7	105
##	1991	Wyoming	2000	46083	1124	2439.1	113
##	1992	Wyoming	2001	43504	1185	2723.9	102
##	1993	Wyoming	2002	43838	1145	2611.9	72
##	1994	Wyoming	2003	43238	1006	2326.7	80
##	1995	Wyoming	2004	43015	681	1583.2	58
##	1996	Wyoming	2005	43048	704	1635.4	83
##	1997	Wyoming	2006	42807	753	1759.1	100
##	1998	Wyoming	2007	42384	641	1512.4	54
##	1999	Wyoming	2008	41742	547	1310.4	52
##	2000	Wyoming	2009	41453	500	1206.2	47
##	2001	Wyoming	2010	40743	476	1168.3	33
##	2002	Wyoming	2011	42344	528	1246.9	37
##	2003	Wyoming	2012	42170	552	1309.0	51
##	2004	Wyoming	2013	41875	510	1217.9	41
##	2005	Wyoming	2014	41454	380	916.7	36
##	2006	Wyoming	2015	40883	422	1032.2	58
##	2007	Wyoming	2016	40531	327	806.8	48
##	2008	Wyoming	2017	40666	346	850.8	71
##	2009	Wyoming	2018	39510	333	842.8	63
##	2010	Wyoming	2019	39619	257	648.7	46
##	2011	Wyoming	2020	39363	304	772.3	45
##	2012	Wyoming	2021	40232	262	651.2	52
##	2013	Wyoming	2022	40887	271	662.8	50
##	2014	Yates	1990	22810	507	2222.7	34
##	2015	Yates	1991	22894	678	2961.5	57
##	2016	Yates	1992	22970	548	2385.7	67
##	2017	Yates	1993	23339	553	2369.4	59
##	2018	Yates	1994	23302	608	2609.2	52

##	2019	Yates 1995	23867	551	2308.6	60	
##	2020	Yates 1996	23930	497	2076.9	30	
##	2021	Yates 1997	23866	487	2040.6	35	
##	2022	Yates 1998	24188	429	1773.6	22	
##	2023	Yates 1999	24230	441	1820.1	32	
##	2024	Yates 2000	25608	348	1359.0	26	
##	2025	Yates 2001	24666	348	1410.8	19	
##	2026	Yates 2002	24856	389	1565.0	30	
##	2027	Yates 2003	24565	360	1465.5	30	
##	2028	Yates 2004	24768	326	1316.2	30	
##	2029	Yates 2005	24704	302	1222.5	19	
##	2030	Yates 2006	24822	373	1502.7	23	
##	2031	Yates 2007	24679	337	1365.5	13	
##	2032	Yates 2008	24542	284	1157.2	15	
##	2033	Yates 2009	24634	350	1420.8	11	
##	2034	Yates 2010	24182	474	1960.1	18	
##	2035	Yates 2011	25462	410	1610.2	13	
##	2036	Yates 2012	25591	428	1672.5	20	
##	2037	Yates 2013	25375	413	1627.6	14	
##	2038	Yates 2014	25146	321	1276.5	18	
##	2039	Yates 2015	25121	299	1190.2	25	
##	2040	Yates 2016	24823	320	1289.1	17	
##	2041	Yates 2017	24910	259	1039.7	26	
##	2042	Yates 2018	24430	245	1002.9	17	
##	2043	Yates 2019	24639	187	759.0	23	
##	2044	Yates 2020	24704	221	894.6	16	
##	2045	Yates 2021	25366	183	721.4	34	
##	2046	Yates 2022	24702	185	748.9	28	
##		Violent.Rate	Property.Count	Property.Rate	Firearm.Count	Firearm.Rate	Labor
##	1	520.9	12894	4406.8	122	41.7	62.72
##	2	569.3	13790	4690.0	120	40.8	62.03
##	3	538.3	14661	4969.5	116	39.3	61.98
##	4	567.1	13470	4576.9	104	35.3	61.69
##	5	602.7	14953	5088.8	162	55.1	61.27
##	6	552.4	15093	5191.0	157	54.0	61.06
##	7	483.0	12268	4208.1	117	40.1	61.77
##	8	498.7	13092	4502.7	149	51.2	63.15
##	9	444.2	12423	4212.2	108	36.6	63.08
##	10	386.8	13012	4442.0	113	38.6	62.98
##	11	444.3	12743	4184.6	153	50.2	62.84
##	12	558.8	12084	4094.8	252	85.4	62.32
##	13	573.7	11078	3725.3	224	75.3	63.08
##	14	472.6	10575	3564.5	183	61.7	62.61
##	15	479.5	11279	3779.6	194	65.0	62.71
##	16	540.4	10504	3514.7	260	87.0	63.02
##	17	518.1	10390	3484.1	200	67.1	63.06
##	18	494.0	9116	3067.8	208	70.0	62.61
##	19	452.3	9394	3133.5	238	79.4	63.13
##	20	432.0	9324	3124.7	191	64.0	62.96
##	21	400.3	9855	3337.7	154	52.2	62.60
##	22	381.6	9561	3128.9	196	64.1	61.63
##	23	331.3	8963	2936.7	137	44.9	61.70
##	24	328.1	8451	2759.1	151	49.3	61.62
##	25	325.5	8183	2655.4	147	47.7	60.73

## 26	337.3	7603	2463.6	114	36.9 60.67
## 27	356.4	7667	2486.0	125	40.5 60.58
## 28	374.4	7630	2458.5	148	47.7 60.82
## 29	360.2	7249	2379.9	157	51.5 60.58
## 30	326.0	7007	2291.3	138	45.1 60.72
## 31	361.2	6307	2076.6	238	78.4 59.02
## 32	363.0	6730	2160.3	257	82.5 59.45
## 33	397.2	8464	2682.9	283	89.7 60.23
## 34	289.3	1134	2246.9	1	2.0 62.72
## 35	264.5	1283	2532.9	4	7.9 62.03
## 36	316.8	1217	2394.7	10	19.7 61.98
## 37	253.6	1134	2195.2	4	7.7 61.69
## 38	250.1	1106	2144.4	2	3.9 61.27
## 39	312.8	1087	2124.8	12	23.5 61.06
## 40	181.3	1003	1955.5	3	5.8 61.77
## 41	164.2	859	1679.3	1	2.0 63.15
## 42	133.4	822	1588.7	10	19.3 63.08
## 43	184.1	665	1302.5	11	21.5 62.98
## 44	271.2	821	1557.3	4	7.6 62.84
## 45	285.9	757	1513.4	3	6.0 62.32
## 46	230.1	746	1480.0	8	15.9 63.08
## 47	198.9	746	1484.1	3	6.0 62.61
## 48	191.5	846	1670.0	4	7.9 62.71
## 49	264.6	935	1846.1	4	7.9 63.02
## 50	234.5	720	1419.1	6	11.8 63.06
## 51	171.4	624	1243.6	6	12.0 62.61
## 52	183.5	560	1129.2	2	4.0 63.13
## 53	260.1	647	1304.3	5	10.1 62.96
## 54	183.4	752	1549.5	10	20.6 62.60
## 55	130.2	831	1690.2	4	8.1 61.63
## 56	132.5	794	1619.1	4	8.2 61.70
## 57	112.0	742	1538.8	2	4.1 61.62
## 58	141.7	547	1140.2	12	25.0 60.73
## 59	120.4	522	1102.8	1	2.1 60.67
## 60	172.9	491	1047.8	5	10.7 60.58
## 61	170.7	429	915.1	6	12.8 60.82
## 62	164.0	383	837.5	7	15.3 60.58
## 63	133.0	396	863.3	6	13.1 60.72
## 64	160.5	329	723.2	9	19.8 59.02
## 65	198.1	294	633.0	8	17.2 59.45
## 66	216.5	302	653.9	6	13.0 60.23
## 67	2800.8	71094	5920.1	10869	905.1 62.72
## 68	2780.4	66556	5521.5	10927	906.5 62.03
## 69	2567.1	61501	5084.8	9898	818.3 61.98
## 70	2592.2	60692	5036.9	9954	826.1 61.69
## 71	2315.9	56467	4693.3	7498	623.2 61.27
## 72	2054.3	48737	4060.0	5414	451.0 61.06
## 73	1712.6	43157	3585.4	4536	376.8 61.77
## 74	1631.9	38034	3168.0	3241	270.0 63.15
## 75	1524.1	34073	2823.7	2623	217.4 63.08
## 76	1380.5	33108	2717.3	2301	188.9 62.98
## 77	1297.4	33055	2601.9	2282	179.6 62.84
## 78	1124.3	31574	2399.7	2057	156.3 62.32
## 79	1064.3	29923	2256.8	NA	NA 63.08

## 80	989.4	29690	2195.4	NA	NA 62.61
## 81	934.7	28142	2055.5	NA	NA 62.71
## 82	909.4	26699	1969.9	NA	NA 63.02
## 83	874.3	24733	1813.9	NA	NA 63.06
## 84	856.6	24364	1785.5	NA	NA 62.61
## 85	818.9	23939	1728.0	NA	NA 63.13
## 86	804.1	22513	1610.3	NA	NA 62.96
## 87	869.6	21938	1580.6	NA	NA 62.60
## 88	881.7	22863	1643.2	NA	NA 61.63
## 89	911.4	23161	1649.1	NA	NA 61.70
## 90	912.2	23260	1629.6	NA	NA 61.62
## 91	882.5	23317	1618.6	NA	NA 60.73
## 92	925.9	22890	1580.5	1740	120.1 60.67
## 93	947.5	23017	1578.4	1499	102.8 60.58
## 94	852.6	22973	1562.7	1270	86.4 60.82
## 95	860.6	22841	1570.7	1153	79.3 60.58
## 96	922.0	22098	1548.6	1198	84.0 60.72
## 97	928.8	23088	1633.4	1802	127.5 59.02
## 98	1039.0	23492	1647.1	2565	179.8 59.45
## 99	1290.2	30678	2249.9	2921	214.2 60.23
## 100	144.2	7174	3381.4	13	6.1 62.72
## 101	159.2	7108	3337.8	18	8.5 62.03
## 102	170.8	6574	3076.7	32	15.0 61.98
## 103	182.2	7237	3389.7	31	14.5 61.69
## 104	205.0	7272	3411.4	42	19.7 61.27
## 105	201.8	6590	3165.9	31	14.9 61.06
## 106	203.1	7059	3382.2	33	15.8 61.77
## 107	184.0	6640	3189.9	32	15.4 63.15
## 108	193.8	6162	3094.1	25	12.6 63.08
## 109	196.2	5663	2877.9	34	17.3 62.98
## 110	206.3	5623	2761.6	45	22.1 62.84
## 111	220.5	5387	2681.4	47	23.4 62.32
## 112	231.2	5820	2874.8	46	22.7 63.08
## 113	202.8	5655	2818.1	36	17.9 62.61
## 114	164.2	5581	2794.1	28	14.0 62.71
## 115	206.6	5720	2889.2	31	15.7 63.02
## 116	255.2	6121	3099.6	39	19.7 63.06
## 117	235.2	5564	2851.0	33	16.9 62.61
## 118	284.1	6308	3228.6	43	22.0 63.13
## 119	235.6	5713	2939.1	56	28.8 62.96
## 120	260.0	5708	2974.6	64	33.4 62.60
## 121	258.6	6122	3038.2	46	22.8 61.63
## 122	301.8	6293	3144.8	58	29.0 61.70
## 123	259.2	6194	3135.8	53	26.8 61.62
## 124	251.6	5822	2953.4	72	36.5 60.73
## 125	317.5	5836	2974.5	71	36.2 60.67
## 126	329.0	4784	2459.4	57	29.3 60.58
## 127	357.6	4887	2507.1	73	37.5 60.82
## 128	318.4	4532	2397.0	76	40.2 60.58
## 129	328.7	4550	2400.6	63	33.2 60.72
## 130	350.7	4521	2402.2	92	48.9 59.02
## 131	336.8	3997	2068.1	77	39.8 59.45
## 132	323.1	4509	2280.0	80	40.5 60.23
## 133	203.0	2407	2857.5	5	5.9 62.72

## 134	322.9	2366	2798.5	5	5.9 62.03
## 135	379.6	2262	2666.7	5	5.9 61.98
## 136	338.1	2403	2791.9	13	15.1 61.69
## 137	324.7	2342	2725.4	6	7.0 61.27
## 138	326.6	2398	2807.4	14	16.4 61.06
## 139	293.1	2130	2487.1	18	21.0 61.77
## 140	270.5	2069	2422.4	5	5.9 63.15
## 141	180.3	1942	2273.3	3	3.5 63.08
## 142	206.6	1540	1807.8	6	7.0 62.98
## 143	220.2	1687	1914.9	21	23.8 62.84
## 144	225.9	1707	2029.5	7	8.3 62.32
## 145	253.7	1887	2226.4	13	15.3 63.08
## 146	245.8	2120	2541.6	19	22.8 62.61
## 147	252.6	2270	2718.1	16	19.2 62.71
## 148	240.1	2194	2633.9	22	26.4 63.02
## 149	204.2	2074	2566.4	17	21.0 63.06
## 150	188.4	1965	2484.1	25	31.6 62.61
## 151	276.4	1715	2205.1	16	20.6 63.13
## 152	237.7	1671	2159.0	14	18.1 62.96
## 153	236.3	1838	2399.4	10	13.1 62.60
## 154	205.7	1763	2238.1	12	15.2 61.63
## 155	190.1	1938	2473.1	11	14.0 61.70
## 156	148.5	1656	2138.7	20	25.8 61.62
## 157	173.1	1314	1710.3	14	18.2 60.73
## 158	164.0	1174	1540.5	6	7.9 60.67
## 159	183.7	1124	1496.2	12	16.0 60.58
## 160	171.9	1048	1386.0	19	25.1 60.82
## 161	165.6	983	1333.9	9	12.2 60.58
## 162	203.5	787	1060.5	18	24.3 60.72
## 163	171.6	750	1021.3	12	16.3 59.02
## 164	199.5	915	1209.2	28	37.0 59.45
## 165	246.0	1126	1505.3	21	28.1 60.23
## 166	238.1	2135	2593.8	13	15.8 62.72
## 167	261.4	2338	2829.8	13	15.7 62.03
## 168	253.3	2146	2588.8	9	10.9 61.98
## 169	246.8	1998	2405.6	19	22.9 61.69
## 170	197.1	1912	2026.4	10	10.6 61.27
## 171	280.9	2224	2680.8	9	10.8 61.06
## 172	196.0	2089	2511.4	8	9.6 61.77
## 173	202.5	1969	2373.4	12	14.5 63.15
## 174	215.8	1854	2247.6	11	13.3 63.08
## 175	220.0	1817	2233.3	3	3.7 62.98
## 176	205.4	1724	2023.4	4	4.7 62.84
## 177	215.6	1729	2105.6	6	7.3 62.32
## 178	199.4	1679	2029.1	6	7.3 63.08
## 179	227.7	1627	1991.4	17	20.8 62.61
## 180	160.0	1639	2001.6	10	12.2 62.71
## 181	168.2	1710	2084.5	5	6.1 63.02
## 182	215.5	1784	2184.3	18	22.0 63.06
## 183	212.6	1675	2070.0	16	19.8 62.61
## 184	184.2	1706	2137.5	7	8.8 63.13
## 185	233.8	1474	1852.5	20	25.1 62.96
## 186	201.5	1607	2049.7	17	21.7 62.60
## 187	226.4	1535	1909.5	15	18.7 61.63

## 188	175.9	1667	2079.4	8	10.0 61.70
## 189	161.0	1389	1746.7	12	15.1 61.62
## 190	173.6	1418	1783.4	14	17.6 60.73
## 191	249.9	1357	1730.4	8	10.2 60.67
## 192	237.5	1244	1605.9	14	18.1 60.58
## 193	319.1	1123	1445.1	21	27.0 60.82
## 194	259.8	1041	1372.7	13	17.1 60.58
## 195	204.2	1062	1390.3	12	15.7 60.72
## 196	283.9	1085	1432.7	11	14.5 59.02
## 197	213.8	867	1116.9	13	16.7 59.45
## 198	154.8	856	1122.8	11	14.4 60.23
## 199	161.4	5484	3864.8	19	13.4 62.72
## 200	159.4	5245	3682.7	21	14.7 62.03
## 201	207.1	5021	3513.6	19	13.3 61.98
## 202	277.5	4575	3214.2	24	16.9 61.69
## 203	316.6	4801	3378.3	26	18.3 61.27
## 204	281.2	5026	3541.7	24	16.9 61.06
## 205	239.7	4810	3380.5	23	16.2 61.77
## 206	280.5	4271	3009.7	43	30.3 63.15
## 207	278.0	4038	2877.9	52	37.1 63.08
## 208	224.9	3486	2521.2	32	23.1 62.98
## 209	200.2	3659	2553.0	18	12.6 62.84
## 210	250.0	3281	2343.5	23	16.4 62.32
## 211	240.3	3236	2293.7	23	16.3 63.08
## 212	250.4	3619	2611.7	52	37.5 62.61
## 213	251.6	3457	2506.7	32	23.2 62.71
## 214	283.7	3613	2628.3	33	24.0 63.02
## 215	241.3	3322	2428.8	36	26.3 63.06
## 216	253.7	3464	2577.6	38	28.3 62.61
## 217	240.2	3414	2562.7	35	26.3 63.13
## 218	192.3	3341	2509.9	23	17.3 62.96
## 219	237.4	3553	2703.7	41	31.2 62.60
## 220	223.6	3384	2497.2	28	20.7 61.63
## 221	228.7	3539	2619.7	37	27.4 61.70
## 222	205.6	3363	2523.1	40	30.0 61.62
## 223	222.8	3239	2438.1	49	36.9 60.73
## 224	270.0	2956	2254.6	40	30.5 60.67
## 225	275.7	2972	2301.4	57	44.1 60.58
## 226	269.9	2443	1894.7	43	33.3 60.82
## 227	285.3	2295	1823.6	20	15.9 60.58
## 228	241.3	2491	1970.5	27	21.4 60.72
## 229	319.3	2541	2028.5	46	36.7 59.02
## 230	285.7	2204	1715.7	60	46.7 59.45
## 231	276.1	2336	1837.3	52	40.9 60.23
## 232	298.3	3532	3710.3	14	14.7 62.72
## 233	267.9	3934	4117.3	5	5.2 62.03
## 234	310.8	3757	3918.9	16	16.7 61.98
## 235	248.8	3499	3657.6	15	15.7 61.69
## 236	272.2	3648	3819.4	11	11.5 61.27
## 237	230.0	3328	3527.2	23	24.4 61.06
## 238	288.6	3337	3527.3	20	21.1 61.77
## 239	273.4	3062	3245.3	21	22.3 63.15
## 240	276.6	2806	3008.1	20	21.4 63.08
## 241	298.5	2651	2877.5	28	30.4 62.98

## 242	283.3	2590	2707.2	24	25.1 62.84
## 243	275.1	2563	2809.1	28	30.7 62.32
## 244	335.0	2727	2966.1	39	42.4 63.08
## 245	305.2	2639	2907.4	31	34.2 62.61
## 246	279.3	2817	3109.7	27	29.8 62.71
## 247	234.2	2602	2887.5	19	21.1 63.02
## 248	215.0	2387	2659.6	25	27.9 63.06
## 249	254.4	2382	2705.1	28	31.8 62.61
## 250	232.8	2133	2434.4	23	26.3 63.13
## 251	184.1	1965	2247.5	22	25.2 62.96
## 252	233.1	1877	2155.7	32	36.8 62.60
## 253	198.4	2101	2354.6	9	10.1 61.63
## 254	248.5	2212	2476.5	32	35.8 61.70
## 255	169.6	2050	2302.3	18	20.2 61.62
## 256	170.6	1985	2242.1	29	32.8 60.73
## 257	182.1	1744	1997.5	21	24.1 60.67
## 258	199.7	1892	2196.8	23	26.7 60.58
## 259	166.1	1424	1654.2	24	27.9 60.82
## 260	160.5	1304	1562.0	19	22.8 60.58
## 261	213.9	1445	1736.1	28	33.6 60.72
## 262	208.9	1331	1616.3	20	24.3 59.02
## 263	181.8	1182	1404.4	22	26.1 59.45
## 264	202.8	1273	1536.8	16	19.3 60.23
## 265	150.7	1100	2124.9	1	1.9 62.72
## 266	186.7	1146	2205.7	8	15.4 62.03
## 267	239.8	1190	2282.8	6	11.5 61.98
## 268	266.9	1035	1973.2	2	3.8 61.69
## 269	374.3	1160	2215.1	1	1.9 61.27
## 270	323.5	1236	2365.8	5	9.6 61.06
## 271	307.4	1257	2399.7	3	5.7 61.77
## 272	250.8	1231	2356.5	4	7.7 63.15
## 273	259.2	943	1797.3	2	3.8 63.08
## 274	299.3	1009	1974.1	3	5.9 62.98
## 275	194.8	1070	2023.6	3	5.7 62.84
## 276	252.4	1105	2145.8	5	9.7 62.32
## 277	225.5	1166	2247.0	11	21.2 63.08
## 278	217.9	1116	2170.7	0	0.0 62.61
## 279	229.9	977	1887.6	2	3.9 62.71
## 280	200.3	999	1923.6	2	3.9 63.02
## 281	185.0	1012	1950.1	3	5.8 63.06
## 282	90.9	923	1785.4	4	7.7 62.61
## 283	80.1	893	1745.2	4	7.8 63.13
## 284	104.3	944	1857.2	7	13.8 62.96
## 285	108.0	929	1858.8	8	16.0 62.60
## 286	112.4	1015	2001.8	7	13.8 61.63
## 287	115.1	965	1915.1	10	19.8 61.70
## 288	96.3	878	1761.0	4	8.0 61.62
## 289	101.3	859	1739.7	8	16.2 60.73
## 290	205.7	748	1523.3	6	12.2 60.67
## 291	205.3	867	1797.7	4	8.3 60.58
## 292	171.5	632	1305.9	3	6.2 60.82
## 293	186.6	626	1342.7	4	8.6 60.58
## 294	236.5	673	1434.0	2	4.3 60.72
## 295	242.7	672	1443.1	13	27.9 59.02

## 296	210.1	674	1416.3	3	6.3 59.45
## 297	196.3	699	1508.0	8	17.3 60.23
## 298	281.5	1979	2302.0	9	10.5 62.72
## 299	311.7	2247	2604.1	3	3.5 62.03
## 300	242.6	1859	2147.2	6	6.9 61.98
## 301	209.4	1721	1990.7	3	3.5 61.69
## 302	259.5	1707	1977.7	4	4.6 61.27
## 303	334.0	1583	1823.4	4	4.6 61.06
## 304	410.1	1628	1870.2	2	2.3 61.77
## 305	407.7	1562	1799.1	6	6.9 63.15
## 306	308.1	1124	1390.6	3	3.7 63.08
## 307	267.3	1228	1533.8	0	0.0 62.98
## 308	287.5	1176	1414.5	2	2.4 62.84
## 309	252.4	1249	1560.5	2	2.5 62.32
## 310	286.4	1321	1637.8	6	7.4 63.08
## 311	205.6	1432	1763.4	5	6.2 62.61
## 312	229.4	1401	1718.5	4	4.9 62.71
## 313	211.0	1838	2241.7	7	8.5 63.02
## 314	155.6	1677	2038.5	7	8.5 63.06
## 315	268.7	1794	2180.9	4	4.9 62.61
## 316	172.2	1677	2033.3	3	3.6 63.13
## 317	161.9	1565	1905.0	4	4.9 62.96
## 318	107.6	1743	2155.2	9	11.1 62.60
## 319	89.7	1616	1958.9	2	2.4 61.63
## 320	109.2	1595	1936.0	2	2.4 61.70
## 321	136.0	1555	1905.8	4	4.9 61.62
## 322	83.3	1240	1519.5	5	6.1 60.73
## 323	141.3	1136	1396.2	6	7.4 60.67
## 324	167.6	1260	1564.2	7	8.7 60.58
## 325	166.5	1080	1331.8	4	4.9 60.82
## 326	219.4	986	1243.3	3	3.8 60.58
## 327	159.8	1045	1304.9	5	6.2 60.72
## 328	161.7	1011	1266.9	8	10.0 59.02
## 329	133.5	779	954.3	6	7.4 59.45
## 330	178.6	995	1242.6	8	10.0 60.23
## 331	401.7	1701	2700.8	3	4.8 62.72
## 332	574.2	1960	3100.5	13	20.6 62.03
## 333	424.1	1606	2532.2	12	18.9 61.98
## 334	432.8	1485	2345.7	13	20.5 61.69
## 335	381.3	1449	2292.5	10	15.8 61.27
## 336	508.8	1434	2265.9	11	17.4 61.06
## 337	364.0	1480	2332.4	10	15.8 61.77
## 338	477.2	1432	2262.9	19	30.0 63.15
## 339	384.6	1255	1954.3	10	15.6 63.08
## 340	316.0	1162	1835.8	18	28.4 62.98
## 341	222.2	982	1494.6	10	15.2 62.84
## 342	183.5	958	1515.6	14	22.1 62.32
## 343	179.0	959	1505.6	18	28.3 63.08
## 344	100.6	823	1293.2	4	6.3 62.61
## 345	116.5	1008	1586.7	4	6.3 62.71
## 346	139.6	1009	1582.5	7	11.0 63.02
## 347	195.9	1198	1878.0	9	14.1 63.06
## 348	237.4	1213	1932.7	17	27.1 62.61
## 349	220.1	1199	1925.9	15	24.1 63.13

## 350	182.6	1067	1724.6	17	27.5 62.96
## 351	154.6	1119	1840.9	10	16.5 62.60
## 352	151.5	1138	1795.5	21	33.1 61.63
## 353	159.0	1325	2106.9	12	19.1 61.70
## 354	121.8	1051	1684.3	9	14.4 61.62
## 355	75.6	879	1414.4	4	6.4 60.73
## 356	166.7	792	1282.0	4	6.5 60.67
## 357	164.5	737	1212.1	12	19.7 60.58
## 358	218.8	836	1375.1	19	31.3 60.82
## 359	172.5	791	1337.6	13	22.0 60.58
## 360	163.8	623	1052.2	8	13.5 60.72
## 361	158.4	632	1076.6	11	18.7 59.02
## 362	133.4	524	862.7	9	14.8 59.45
## 363	86.4	661	1058.0	9	14.4 60.23
## 364	196.1	2027	4139.9	2	4.1 62.72
## 365	168.9	2110	4293.3	1	2.0 62.03
## 366	223.1	1998	4051.9	5	10.1 61.98
## 367	205.3	1991	4007.2	4	8.1 61.69
## 368	199.6	1940	3910.7	4	8.1 61.27
## 369	178.6	2013	4084.8	3	6.1 61.06
## 370	259.1	2114	4278.5	10	20.2 61.77
## 371	213.1	1915	3886.1	2	4.1 63.15
## 372	255.4	1740	3554.9	2	4.1 63.08
## 373	178.8	1606	3339.6	2	4.2 62.98
## 374	209.7	1528	3052.2	1	2.0 62.84
## 375	207.4	1486	3052.1	3	6.2 62.32
## 376	189.6	1420	2894.3	4	8.2 63.08
## 377	194.3	1271	2599.3	6	12.3 62.61
## 378	219.3	1267	2597.1	6	12.3 62.71
## 379	264.9	1266	2579.7	3	6.1 63.02
## 380	229.7	1057	2168.1	4	8.2 63.06
## 381	240.0	1169	2418.5	14	29.0 62.61
## 382	231.7	994	2056.8	4	8.3 63.13
## 383	219.7	978	2026.6	6	12.4 62.96
## 384	137.1	1001	2111.8	6	12.7 62.60
## 385	149.3	1030	2078.4	4	8.1 61.63
## 386	129.0	1041	2097.6	6	12.1 61.70
## 387	100.8	990	1996.0	4	8.1 61.62
## 388	100.0	1007	2055.8	4	8.2 60.73
## 389	104.4	700	1432.4	3	6.1 60.67
## 390	89.5	777	1618.0	2	4.2 60.58
## 391	102.1	945	1969.3	1	2.1 60.82
## 392	124.2	717	1535.8	2	4.3 60.58
## 393	183.6	653	1378.2	1	2.1 60.72
## 394	206.0	765	1624.4	11	23.4 59.02
## 395	157.7	872	1809.4	6	12.4 59.45
## 396	194.6	1077	2328.7	20	43.2 60.23
## 397	154.6	1019	2157.8	3	6.4 62.72
## 398	158.2	1127	2377.7	1	2.1 62.03
## 399	178.7	991	2083.9	10	21.0 61.98
## 400	184.3	1062	2224.4	7	14.7 61.69
## 401	159.4	1108	2324.6	5	10.5 61.27
## 402	193.1	1061	2226.8	2	4.2 61.06
## 403	182.1	1034	2164.4	6	12.6 61.77

## 404	218.3	865	1815.6	3	6.3 63.15
## 405	212.2	699	1498.3	6	12.9 63.08
## 406	221.1	730	1582.1	7	15.2 62.98
## 407	215.1	597	1234.8	3	6.2 62.84
## 408	234.7	699	1451.9	15	31.2 62.32
## 409	278.3	801	1651.1	7	14.4 63.08
## 410	234.3	826	1743.3	9	19.0 62.61
## 411	186.0	756	1597.7	4	8.5 62.71
## 412	173.0	665	1403.1	12	25.3 63.02
## 413	166.6	727	1552.6	3	6.4 63.06
## 414	198.3	757	1649.5	8	17.4 62.61
## 415	163.5	664	1466.9	10	22.1 63.13
## 416	153.1	685	1519.7	7	15.5 62.96
## 417	143.2	703	1597.8	10	22.7 62.60
## 418	160.5	737	1556.5	10	21.1 61.63
## 419	134.1	700	1490.2	8	17.0 61.70
## 420	120.9	750	1619.1	13	28.1 61.62
## 421	126.9	711	1555.5	11	24.1 60.73
## 422	176.3	661	1456.9	8	17.6 60.67
## 423	219.7	573	1284.7	4	9.0 60.58
## 424	132.7	461	1036.7	4	9.0 60.82
## 425	174.4	508	1181.4	5	11.6 60.58
## 426	194.8	466	1080.7	6	13.9 60.72
## 427	159.2	396	927.3	8	18.7 59.02
## 428	161.1	404	903.8	5	11.2 59.45
## 429	153.7	406	904.1	10	22.3 60.23
## 430	425.5	7853	3026.6	110	42.4 62.72
## 431	374.0	8266	3174.0	139	53.4 62.03
## 432	389.2	8029	3072.7	146	55.9 61.98
## 433	336.2	7020	2657.8	132	50.0 61.69
## 434	337.1	6681	2533.4	119	45.1 61.27
## 435	422.6	6584	2522.6	131	50.2 61.06
## 436	357.3	6700	2560.3	98	37.4 61.77
## 437	321.8	6725	2576.7	88	33.7 63.15
## 438	256.4	5955	2245.1	85	32.0 63.08
## 439	227.0	6015	2264.4	93	35.0 62.98
## 440	217.7	5737	2050.9	77	27.5 62.84
## 441	223.4	5491	1956.4	72	25.7 62.32
## 442	246.1	5272	1864.1	116	41.0 63.08
## 443	272.7	5439	1887.0	94	32.6 62.61
## 444	256.3	4563	1565.6	92	31.6 62.71
## 445	281.1	5197	1768.8	99	33.7 63.02
## 446	288.9	5119	1731.5	168	56.8 63.06
## 447	301.9	5526	1864.3	167	56.3 62.61
## 448	303.2	5645	1918.9	201	68.3 63.13
## 449	309.0	5186	1763.1	120	40.8 62.96
## 450	248.3	5213	1788.1	118	40.5 62.60
## 451	209.2	5052	1690.6	91	30.5 61.63
## 452	226.3	5222	1742.9	105	35.0 61.70
## 453	196.3	4537	1524.9	112	37.6 61.62
## 454	188.8	4271	1437.2	106	35.7 60.73
## 455	188.7	3961	1339.4	69	23.3 60.67
## 456	192.9	3550	1209.9	70	23.9 60.58
## 457	194.5	3523	1195.9	73	24.8 60.82

## 458	186.4	3120	1076.9	65	22.4 60.58
## 459	194.4	2981	1022.3	53	18.2 60.72
## 460	198.3	3155	1080.6	96	32.9 59.02
## 461	183.0	2819	938.1	91	30.3 59.45
## 462	200.8	3089	1027.1	82	27.3 60.23
## 463	763.0	44924	4638.4	758	78.3 62.72
## 464	851.4	47137	4848.7	989	101.7 62.03
## 465	873.1	47788	4899.2	1364	139.8 61.98
## 466	829.1	45298	4636.4	1440	147.4 61.69
## 467	897.2	42905	4398.3	1749	179.3 61.27
## 468	846.8	41718	4319.3	1457	150.9 61.06
## 469	572.7	40674	4199.9	1299	134.1 61.77
## 470	528.0	39060	4044.0	1225	126.8 63.15
## 471	479.2	34790	3675.8	876	92.6 63.08
## 472	444.9	31728	3391.3	852	91.1 62.98
## 473	470.7	30926	3202.6	1074	111.2 62.84
## 474	480.2	30610	3215.3	1032	108.4 62.32
## 475	483.1	27634	2880.5	1101	114.8 63.08
## 476	511.6	29779	3145.7	1184	125.1 62.61
## 477	499.9	28589	3031.4	1068	113.2 62.71
## 478	535.1	29441	3139.8	1353	144.3 63.02
## 479	537.4	27566	2953.9	1450	155.4 63.06
## 480	496.3	28708	3137.8	1231	134.5 62.61
## 481	521.1	28640	3151.9	1299	143.0 63.13
## 482	542.9	27741	3064.4	1331	147.0 62.96
## 483	505.8	28040	3132.4	1144	127.8 62.60
## 484	455.1	27210	2947.4	1155	125.1 61.63
## 485	458.0	27241	2951.4	1186	128.5 61.70
## 486	444.4	25206	2739.3	1092	118.7 61.62
## 487	426.7	24481	2656.5	1103	119.7 60.73
## 488	410.8	22303	2418.9	1022	110.8 60.67
## 489	413.4	22024	2401.3	1154	125.8 60.58
## 490	375.0	19906	2155.6	930	100.7 60.82
## 491	388.2	19370	2130.7	939	103.3 60.58
## 492	370.4	17561	1919.8	912	99.7 60.72
## 493	404.1	18031	1975.3	1195	130.9 59.02
## 494	371.1	16967	1803.1	1158	123.1 59.45
## 495	337.7	19671	2059.2	1048	109.7 60.23
## 496	209.9	881	2371.3	4	10.8 62.72
## 497	219.9	817	2191.1	3	8.0 62.03
## 498	235.2	783	2093.0	5	13.4 61.98
## 499	254.6	676	1792.8	2	5.3 61.69
## 500	241.7	649	1724.0	9	23.9 61.27
## 501	195.4	653	1724.0	0	0.0 61.06
## 502	197.5	653	1719.4	2	5.3 61.77
## 503	211.2	602	1589.4	2	5.3 63.15
## 504	223.7	560	1456.5	2	5.2 63.08
## 505	295.3	538	1431.2	0	0.0 62.98
## 506	319.6	642	1641.4	1	2.6 62.84
## 507	149.0	661	1698.3	3	7.7 62.32
## 508	163.2	608	1550.2	6	15.3 63.08
## 509	130.8	517	1325.6	0	0.0 62.61
## 510	156.1	409	1046.9	4	10.2 62.71
## 511	136.0	496	1273.2	4	10.3 63.02

## 512	146.6	497	1324.8	2	5.3 63.06
## 513	214.7	460	1234.6	2	5.4 62.61
## 514	138.6	416	1130.7	3	8.2 63.13
## 515	134.3	471	1290.6	2	5.5 62.96
## 516	102.9	486	1351.4	6	16.7 62.60
## 517	123.6	570	1498.8	3	7.9 61.63
## 518	113.5	474	1251.2	13	34.3 61.70
## 519	114.9	406	1085.2	5	13.4 61.62
## 520	118.2	297	797.9	8	21.5 60.73
## 521	124.4	336	908.3	3	8.1 60.67
## 522	158.4	339	925.9	4	10.9 60.58
## 523	172.6	357	978.3	6	16.4 60.82
## 524	146.3	241	678.1	4	11.3 60.58
## 525	135.8	281	795.1	3	8.5 60.72
## 526	172.0	252	722.5	7	20.1 59.02
## 527	149.6	216	598.6	4	11.1 59.45
## 528	141.3	254	703.5	6	16.6 60.23
## 529	485.6	940	2019.8	7	15.0 62.72
## 530	421.7	950	2033.7	5	10.7 62.03
## 531	341.4	903	1926.7	8	17.1 61.98
## 532	367.2	1031	2139.0	8	16.6 61.69
## 533	482.1	961	1997.0	7	14.5 61.27
## 534	483.4	1030	2100.8	5	10.2 61.06
## 535	364.1	978	1989.4	7	14.2 61.77
## 536	332.5	926	1888.7	2	4.1 63.15
## 537	352.8	674	1374.6	2	4.1 63.08
## 538	363.9	751	1544.0	2	4.1 62.98
## 539	405.2	815	1611.0	2	4.0 62.84
## 540	388.5	819	1598.7	1	2.0 62.32
## 541	381.6	862	1669.8	5	9.7 63.08
## 542	378.1	810	1586.6	4	7.8 62.61
## 543	322.6	864	1689.0	2	3.9 62.71
## 544	303.4	712	1393.8	8	15.7 63.02
## 545	306.8	808	1579.1	9	17.6 63.06
## 546	285.4	852	1677.0	13	25.6 62.61
## 547	188.7	908	1803.3	2	4.0 63.13
## 548	128.8	872	1728.5	8	15.9 62.96
## 549	114.8	886	1785.1	3	6.0 62.60
## 550	117.7	912	1759.6	2	3.9 61.63
## 551	110.0	985	1900.5	4	7.7 61.70
## 552	117.5	815	1569.2	7	13.5 61.62
## 553	102.3	797	1538.7	6	11.6 60.73
## 554	172.3	753	1474.1	3	5.9 60.67
## 555	215.4	598	1192.8	7	14.0 60.58
## 556	198.7	588	1168.4	10	19.9 60.82
## 557	141.8	448	894.5	2	4.0 60.58
## 558	136.4	445	892.6	3	6.0 60.72
## 559	159.5	574	1158.9	4	8.1 59.02
## 560	140.9	557	1090.0	3	5.9 59.45
## 561	228.3	702	1470.4	2	4.2 60.23
## 562	180.8	2161	3987.7	8	14.8 62.72
## 563	226.1	2129	3914.3	7	12.9 62.03
## 564	225.4	1941	3556.8	5	9.2 61.98
## 565	226.8	2074	3823.7	6	11.1 61.69

## 566	225.3	2003	3698.7	8	14.8 61.27
## 567	259.5	2135	3929.4	7	12.9 61.06
## 568	319.4	1971	3618.0	9	16.5 61.77
## 569	312.9	1601	2946.8	9	16.6 63.15
## 570	297.8	1437	2691.1	7	13.1 63.08
## 571	264.3	1392	2627.6	5	9.4 62.98
## 572	243.1	1379	2502.0	20	36.3 62.84
## 573	168.6	1383	2506.6	6	10.9 62.32
## 574	133.1	1421	2555.8	4	7.2 63.08
## 575	148.7	1206	2187.0	12	21.8 62.61
## 576	171.8	1404	2538.3	13	23.5 62.71
## 577	196.2	1498	2697.1	11	19.8 63.02
## 578	179.6	1417	2545.1	13	23.3 63.06
## 579	238.9	1483	2684.6	14	25.3 62.61
## 580	180.0	1388	2523.1	12	21.8 63.13
## 581	204.0	1410	2567.7	18	32.8 62.96
## 582	226.3	1566	2881.6	24	44.2 62.60
## 583	109.6	1544	2774.5	14	25.2 61.63
## 584	94.0	1507	2722.8	9	16.3 61.70
## 585	113.4	1465	2679.4	14	25.6 61.62
## 586	116.0	1402	2580.6	8	14.7 60.73
## 587	229.7	1186	2215.1	10	18.7 60.67
## 588	281.8	1032	1939.1	10	18.8 60.58
## 589	220.3	970	1811.2	9	16.8 60.82
## 590	276.1	799	1521.2	13	24.8 60.58
## 591	236.1	887	1675.3	7	13.2 60.72
## 592	214.4	845	1603.5	7	13.3 59.02
## 593	273.2	794	1475.6	27	50.2 59.45
## 594	161.2	517	969.0	4	7.5 60.23
## 595	148.2	1558	2594.1	3	5.0 62.72
## 596	177.5	1645	2728.8	6	10.0 62.03
## 597	130.6	1688	2790.8	2	3.3 61.98
## 598	150.5	1575	2576.4	11	18.0 61.69
## 599	167.1	1588	2601.7	6	9.8 61.27
## 600	170.0	1655	2705.2	8	13.1 61.06
## 601	205.4	1522	2481.2	11	17.9 61.77
## 602	174.9	1459	2384.9	7	11.4 63.15
## 603	156.6	1322	2134.4	14	22.6 63.08
## 604	143.3	1374	2262.7	5	8.2 62.98
## 605	134.8	1549	2456.4	9	14.3 62.84
## 606	158.7	1489	2461.9	6	9.9 62.32
## 607	177.2	1575	2584.3	4	6.6 63.08
## 608	192.0	1663	2776.2	17	28.4 62.61
## 609	179.6	1717	2855.2	10	16.6 62.71
## 610	160.6	1597	2671.7	7	11.7 63.02
## 611	178.7	1648	2779.0	4	6.7 63.06
## 612	149.1	1354	2320.8	6	10.3 62.61
## 613	195.8	1333	2309.4	11	19.1 63.13
## 614	160.2	1405	2446.9	12	20.9 62.96
## 615	188.1	1355	2382.6	9	15.8 62.60
## 616	186.0	1327	2203.6	6	10.0 61.63
## 617	152.9	1361	2261.2	6	10.0 61.70
## 618	182.0	1358	2267.6	18	30.1 61.62
## 619	185.6	1407	2373.7	6	10.1 60.73

## 620	195.9	1084	1846.5	4	6.8 60.67
## 621	218.2	1136	1951.6	9	15.5 60.58
## 622	288.4	975	1673.8	8	13.7 60.82
## 623	226.6	818	1448.4	7	12.4 60.58
## 624	237.8	880	1549.9	9	15.9 60.72
## 625	182.3	724	1281.2	8	14.2 59.02
## 626	323.8	755	1300.3	13	22.4 59.45
## 627	218.2	901	1560.1	14	24.2 60.23
## 628	458.2	1235	2760.5	4	8.9 62.72
## 629	492.2	1405	3129.0	5	11.1 62.03
## 630	579.4	1147	2546.1	5	11.1 61.98
## 631	641.5	1103	2366.4	2	4.3 61.69
## 632	582.4	1044	2243.5	7	15.0 61.27
## 633	599.0	1064	2252.2	2	4.2 61.06
## 634	563.7	955	2016.3	5	10.6 61.77
## 635	713.4	932	1973.1	2	4.2 63.15
## 636	679.8	821	1712.1	4	8.3 63.08
## 637	457.6	891	1861.6	3	6.3 62.98
## 638	303.5	735	1457.8	3	6.0 62.84
## 639	362.4	756	1565.7	8	16.6 62.32
## 640	300.1	664	1364.7	3	6.2 63.08
## 641	312.6	566	1164.1	5	10.3 62.61
## 642	286.0	663	1354.2	6	12.3 62.71
## 643	270.0	695	1410.7	2	4.1 63.02
## 644	367.4	786	1577.8	5	10.0 63.06
## 645	352.6	964	1931.4	5	10.0 62.61
## 646	206.7	1316	2666.2	6	12.2 63.13
## 647	207.9	749	1526.4	11	22.4 62.96
## 648	189.8	744	1534.7	6	12.4 62.60
## 649	212.4	726	1468.4	6	12.1 61.63
## 650	178.8	633	1286.1	5	10.2 61.70
## 651	119.4	660	1358.5	11	22.6 61.62
## 652	161.3	608	1257.1	10	20.7 60.73
## 653	245.8	489	1027.5	3	6.3 60.67
## 654	221.2	450	957.1	5	10.6 60.58
## 655	293.5	496	1047.5	5	10.6 60.82
## 656	245.9	495	1067.9	6	12.9 60.58
## 657	382.7	411	873.9	3	6.4 60.72
## 658	411.3	358	767.0	6	12.9 59.02
## 659	427.3	389	806.9	5	10.4 59.45
## 660	412.2	362	731.5	5	10.1 60.23
## 661	75.8	96	1818.5	0	0.0 62.72
## 662	188.8	148	2793.5	0	0.0 62.03
## 663	37.6	144	2709.3	1	18.8 61.98
## 664	148.0	120	2220.6	0	0.0 61.69
## 665	92.7	106	1964.8	0	0.0 61.27
## 666	57.4	148	2830.9	0	0.0 61.06
## 667	152.6	103	1965.3	1	19.1 61.77
## 668	76.5	102	1951.4	0	0.0 63.15
## 669	19.1	100	1914.2	0	0.0 63.08
## 670	134.6	128	2462.0	1	19.2 62.98
## 671	129.3	116	2143.4	0	0.0 62.84
## 672	55.7	97	1800.0	0	0.0 62.32
## 673	128.9	103	1896.5	0	0.0 63.08

## 674	56.6	68	1282.1	0	0.0 62.61
## 675	75.6	53	1002.3	0	0.0 62.71
## 676	57.3	81	1547.6	1	19.1 63.02
## 677	114.5	68	1297.2	0	0.0 63.06
## 678	39.1	52	1016.2	0	0.0 62.61
## 679	99.3	36	714.9	0	0.0 63.13
## 680	40.2	49	983.9	0	0.0 62.96
## 681	82.9	48	995.0	1	20.7 62.60
## 682	20.6	57	1173.3	0	0.0 61.63
## 683	20.8	80	1660.1	0	0.0 61.70
## 684	83.9	58	1216.4	2	41.9 61.62
## 685	21.0	61	1279.9	0	0.0 60.73
## 686	64.1	40	855.1	0	0.0 60.67
## 687	107.4	49	1052.2	0	0.0 60.58
## 688	88.8	32	710.3	0	0.0 60.82
## 689	68.9	43	988.1	1	23.0 60.58
## 690	68.8	26	596.2	0	0.0 60.72
## 691	161.2	39	898.2	0	0.0 59.02
## 692	226.8	18	408.3	0	0.0 59.45
## 693	96.2	25	480.9	0	0.0 60.23
## 694	117.0	1210	1839.0	1	1.5 62.72
## 695	157.5	1504	2277.4	10	15.1 62.03
## 696	291.3	1534	2315.2	0	0.0 61.98
## 697	284.3	1280	1925.3	5	7.5 61.69
## 698	245.6	1268	1910.3	7	10.5 61.27
## 699	284.9	1503	2253.6	4	6.0 61.06
## 700	203.4	1281	1915.7	3	4.5 61.77
## 701	230.9	1352	2027.4	3	4.5 63.15
## 702	214.2	1305	1982.4	6	9.1 63.08
## 703	244.8	1293	2016.4	12	18.7 62.98
## 704	246.7	1239	1875.3	5	7.6 62.84
## 705	264.9	1170	1812.7	2	3.1 62.32
## 706	324.4	1203	1849.6	9	13.8 63.08
## 707	354.0	1183	1852.8	6	9.4 62.61
## 708	277.3	1000	1566.7	10	15.7 62.71
## 709	328.4	1258	1967.2	9	14.1 63.02
## 710	340.9	1130	1767.0	5	7.8 63.06
## 711	280.9	1014	1609.3	8	12.7 62.61
## 712	322.6	1084	1739.6	7	11.2 63.13
## 713	271.2	1201	1938.9	9	14.5 62.96
## 714	275.6	1205	1964.8	15	24.5 62.60
## 715	217.6	1221	1884.0	7	10.8 61.63
## 716	192.2	1185	1837.0	7	10.9 61.70
## 717	195.1	1064	1647.2	13	20.1 61.62
## 718	171.3	1013	1577.4	7	10.9 60.73
## 719	154.5	923	1454.8	4	6.3 60.67
## 720	197.1	984	1576.4	5	8.0 60.58
## 721	254.6	1003	1605.9	8	12.8 60.82
## 722	148.1	713	1173.3	2	3.3 60.58
## 723	230.5	641	1047.8	18	29.4 60.72
## 724	176.6	794	1310.4	7	11.6 59.02
## 725	217.1	760	1222.1	3	4.8 59.45
## 726	248.7	936	1551.8	11	18.2 60.23
## 727	168.6	2948	2657.2	2	1.8 62.72

## 728	181.4	3000	2694.1	2	1.8 62.03
## 729	222.9	2553	2285.1	10	9.0 61.98
## 730	163.7	2695	2359.7	7	6.1 61.69
## 731	157.0	2642	2317.0	12	10.5 61.27
## 732	130.8	2314	2017.8	7	6.1 61.06
## 733	167.9	2693	2342.1	2	1.7 61.77
## 734	144.8	2534	2209.8	10	8.7 63.15
## 735	152.6	2154	1900.0	12	10.6 63.08
## 736	148.4	2061	1853.8	10	9.0 62.98
## 737	137.0	1979	1726.4	11	9.6 62.84
## 738	155.4	2038	1820.6	16	14.3 62.32
## 739	192.4	1843	1633.8	13	11.5 63.08
## 740	181.8	1993	1839.5	15	13.8 62.61
## 741	200.2	2051	1785.5	13	11.3 62.71
## 742	259.8	2771	2482.4	19	17.0 63.02
## 743	257.1	2793	2393.4	25	21.4 63.06
## 744	251.8	2247	1965.0	17	14.9 62.61
## 745	229.9	2500	2120.5	28	23.7 63.13
## 746	188.6	2477	2085.6	28	23.6 62.96
## 747	186.2	2214	1874.2	31	26.2 62.60
## 748	155.9	2299	1969.1	22	18.8 61.63
## 749	179.7	2704	2281.0	20	16.9 61.70
## 750	115.1	2262	1859.2	15	12.3 61.62
## 751	144.5	2358	1957.9	13	10.8 60.73
## 752	184.9	2322	1942.9	17	14.2 60.67
## 753	240.0	2100	1793.6	24	20.5 60.58
## 754	209.9	2022	1775.9	22	19.3 60.82
## 755	230.9	1761	1576.1	18	16.1 60.58
## 756	221.6	1634	1477.9	19	17.2 60.72
## 757	256.4	1780	1641.7	30	27.7 59.02
## 758	200.7	1630	1480.6	17	15.4 59.45
## 759	236.1	1750	1491.5	19	16.2 60.23
## 760	2743.8	138922	6042.0	21025	914.4 62.72
## 761	2635.0	130445	5652.1	21878	948.0 62.03
## 762	2447.6	120017	5182.6	21070	909.8 61.98
## 763	2381.0	114305	4954.6	20453	886.5 61.69
## 764	2092.9	100186	4349.2	15260	662.4 61.27
## 765	1735.5	83846	3648.1	9578	416.7 61.06
## 766	1509.9	71861	3118.1	7117	308.8 61.77
## 767	1422.5	68757	2991.2	5517	240.0 63.15
## 768	1347.1	65324	2827.5	5422	234.7 63.08
## 769	1231.4	60428	2590.4	5134	220.1 62.98
## 770	1135.1	58301	2396.8	5042	207.3 62.84
## 771	1001.3	52605	2088.1	4091	162.4 62.32
## 772	885.0	51241	2018.5	NA	NA 63.08
## 773	861.4	49804	1996.8	NA	NA 62.61
## 774	796.1	48227	1945.4	NA	NA 62.71
## 775	782.5	46870	1893.5	NA	NA 63.02
## 776	722.5	43376	1741.8	NA	NA 63.06
## 777	696.8	41795	1661.6	NA	NA 62.61
## 778	662.7	42652	1672.9	NA	NA 63.13
## 779	615.4	40013	1558.2	NA	NA 62.96
## 780	647.6	40658	1594.4	NA	NA 62.60
## 781	722.7	40832	1622.9	NA	NA 61.63

## 782	735.2	42017	1654.4	NA	NA 61.70
## 783	706.0	40798	1577.6	NA	NA 61.62
## 784	653.4	39647	1519.1	NA	NA 60.73
## 785	620.6	37572	1423.0	2573	97.5 60.67
## 786	587.6	35279	1335.4	2028	76.8 60.58
## 787	551.3	35173	1328.9	1753	66.2 60.82
## 788	549.4	35722	1364.4	1568	59.9 60.58
## 789	551.1	33541	1302.2	1549	60.1 60.72
## 790	571.8	36348	1424.6	2336	91.6 59.02
## 791	576.8	35227	1332.6	2365	89.5 59.45
## 792	669.0	45293	1769.5	2520	98.5 60.23
## 793	134.3	286	1067.3	10	37.3 62.72
## 794	59.5	313	1163.8	1	3.7 62.03
## 795	88.9	274	1015.4	1	3.7 61.98
## 796	112.5	286	1037.5	5	18.1 61.69
## 797	87.2	238	864.8	1	3.6 61.27
## 798	90.7	274	994.2	1	3.6 61.06
## 799	123.0	385	1393.3	0	0.0 61.77
## 800	148.8	352	1277.3	2	7.3 63.15
## 801	555.6	312	1104.1	0	0.0 63.08
## 802	105.4	255	926.4	1	3.6 62.98
## 803	49.2	248	871.4	1	3.5 62.84
## 804	163.0	272	1007.6	0	0.0 62.32
## 805	147.1	296	1088.2	0	0.0 63.08
## 806	175.9	297	1111.6	0	0.0 62.61
## 807	97.4	291	1090.4	0	0.0 62.71
## 808	105.3	338	1270.6	0	0.0 63.02
## 809	97.6	322	1208.6	1	3.8 63.06
## 810	244.7	344	1294.8	2	7.5 62.61
## 811	132.6	349	1321.8	5	18.9 63.13
## 812	88.2	364	1395.6	2	7.7 62.96
## 813	97.0	437	1694.8	5	19.4 62.60
## 814	121.3	386	1418.6	5	18.4 61.63
## 815	69.8	401	1473.3	3	11.0 61.70
## 816	87.9	308	1127.9	10	36.6 61.62
## 817	99.2	230	845.2	7	25.7 60.73
## 818	99.2	255	937.3	4	14.7 60.67
## 819	112.1	206	769.9	3	11.2 60.58
## 820	130.1	225	836.6	3	11.2 60.82
## 821	123.2	175	673.5	3	11.5 60.58
## 822	114.4	132	503.4	0	0.0 60.72
## 823	92.2	125	480.0	3	11.5 59.02
## 824	78.4	112	418.2	2	7.5 59.45
## 825	89.5	163	608.0	1	3.7 60.23
## 826	235.7	1768	2834.6	16	25.7 62.72
## 827	241.2	1763	2816.2	2	3.2 62.03
## 828	192.7	1662	2646.2	1	1.6 61.98
## 829	212.1	1566	2460.1	6	9.4 61.69
## 830	187.2	1428	2246.9	4	6.3 61.27
## 831	215.9	1534	2365.5	7	10.8 61.06
## 832	189.2	1596	2454.6	3	4.6 61.77
## 833	220.5	1551	2391.8	2	3.1 63.15
## 834	232.6	1646	2470.3	7	10.5 63.08
## 835	169.5	1441	2180.8	8	12.1 62.98

## 836	128.1	1464	2131.8	7	10.2 62.84
## 837	102.4	1576	2445.5	6	9.3 62.32
## 838	121.6	1535	2363.6	1	1.5 63.08
## 839	146.3	1678	2584.2	8	12.3 62.61
## 840	132.8	1639	2530.0	10	15.4 62.71
## 841	101.7	1836	2828.4	3	4.6 63.02
## 842	142.9	1871	2906.3	10	15.5 63.06
## 843	95.4	1500	2345.1	7	10.9 62.61
## 844	114.2	1003	1591.3	6	9.5 63.13
## 845	109.5	929	1474.5	9	14.3 62.96
## 846	75.8	1110	1789.7	3	4.8 62.60
## 847	67.0	1030	1568.0	7	10.7 61.63
## 848	82.5	1141	1744.1	7	10.7 61.70
## 849	86.5	1032	1594.6	8	12.4 61.62
## 850	72.7	849	1313.5	4	6.2 60.73
## 851	119.8	808	1256.8	6	9.3 60.67
## 852	141.8	795	1238.6	8	12.5 60.58
## 853	87.2	753	1172.1	3	4.7 60.82
## 854	92.9	577	924.6	3	4.8 60.58
## 855	97.4	539	860.6	3	4.8 60.72
## 856	81.9	515	827.1	2	3.2 59.02
## 857	72.2	484	759.3	3	4.7 59.45
## 858	79.1	542	875.3	6	9.7 60.23
## 859	86.8	1853	2680.8	2	2.9 62.72
## 860	109.5	1775	2558.6	3	4.3 62.03
## 861	123.6	1687	2423.7	1	1.4 61.98
## 862	82.6	1461	2046.2	7	9.8 61.69
## 863	67.3	1515	2125.2	2	2.8 61.27
## 864	96.4	1584	2213.0	3	4.2 61.06
## 865	137.9	1584	2207.1	5	7.0 61.77
## 866	100.6	1573	2197.7	2	2.8 63.15
## 867	75.2	1241	1728.4	3	4.2 63.08
## 868	97.0	1195	1679.5	1	1.4 62.98
## 869	121.3	1267	1708.1	5	6.7 62.84
## 870	142.3	1355	1947.7	4	5.7 62.32
## 871	109.8	1289	1838.7	6	8.6 63.08
## 872	117.3	1184	1693.7	6	8.6 62.61
## 873	101.0	1333	1895.7	4	5.7 62.71
## 874	117.7	1215	1723.2	10	14.2 63.02
## 875	93.6	1159	1643.4	7	9.9 63.06
## 876	105.5	1360	1939.8	4	5.7 62.61
## 877	100.2	1391	1991.2	7	10.0 63.13
## 878	84.5	1261	1807.0	8	11.5 62.96
## 879	76.6	1242	1794.2	8	11.6 62.60
## 880	71.8	1232	1670.0	3	4.1 61.63
## 881	80.0	1278	1732.6	2	2.7 61.70
## 882	76.2	1101	1526.4	4	5.5 61.62
## 883	84.4	1073	1485.3	2	2.8 60.73
## 884	147.3	906	1258.8	6	8.3 60.67
## 885	171.7	909	1279.1	5	7.0 60.58
## 886	146.2	882	1239.7	8	11.2 60.82
## 887	194.8	816	1177.6	13	18.8 60.58
## 888	152.7	728	1038.8	8	11.4 60.72
## 889	190.8	821	1169.2	8	11.4 59.02

## 890	179.1	802	1113.6	7	9.7 59.45
## 891	209.0	797	1173.2	7	10.3 60.23
## 892	464.6	39262	5499.1	749	104.9 62.72
## 893	398.7	41001	5721.3	871	121.5 62.03
## 894	415.1	41489	5769.9	1031	143.4 61.98
## 895	430.3	39307	5399.8	1220	167.6 61.69
## 896	446.6	34718	4776.8	1314	180.8 61.27
## 897	423.2	36932	5089.7	1202	165.7 61.06
## 898	384.8	35012	4812.1	1043	143.4 61.77
## 899	401.3	33747	4650.6	1328	183.0 63.15
## 900	332.8	32036	4453.9	912	126.8 63.08
## 901	271.0	28581	3986.7	647	90.2 62.98
## 902	281.2	29845	4017.1	735	98.9 62.84
## 903	284.5	28140	3819.8	816	110.8 62.32
## 904	310.2	28240	3804.1	908	122.3 63.08
## 905	354.6	29065	3929.4	1119	151.3 62.61
## 906	315.9	28615	3876.5	942	127.6 62.71
## 907	371.5	25044	3401.7	1046	142.1 63.02
## 908	445.1	24409	3319.5	1365	185.6 63.06
## 909	406.0	22322	3065.9	962	132.1 62.61
## 910	400.3	21987	3017.3	882	121.0 63.13
## 911	355.0	23258	3178.0	785	107.3 62.96
## 912	389.4	23363	3222.7	817	112.7 62.60
## 913	355.9	23005	3076.8	700	93.6 61.63
## 914	356.4	22738	3033.1	789	105.2 61.70
## 915	358.2	20390	2719.5	842	112.3 61.62
## 916	296.1	19100	2539.9	711	94.5 60.73
## 917	336.9	18004	2401.5	727	97.0 60.67
## 918	332.9	16283	2183.9	786	105.4 60.58
## 919	342.7	16385	2185.0	730	97.3 60.82
## 920	307.3	14418	1964.3	626	85.3 60.58
## 921	295.5	14380	1948.2	628	85.1 60.72
## 922	309.1	13886	1884.8	796	108.0 59.02
## 923	305.2	12729	1675.2	1016	133.7 59.45
## 924	294.5	14887	1965.4	945	124.8 60.23
## 925	65.4	981	1887.2	2	3.8 62.72
## 926	95.8	1065	2041.3	1	1.9 62.03
## 927	57.3	961	1835.8	4	7.6 61.98
## 928	78.4	972	1858.0	1	1.9 61.69
## 929	134.0	971	1859.0	2	3.8 61.27
## 930	207.7	1265	2432.7	2	3.8 61.06
## 931	216.7	1307	2506.8	5	9.6 61.77
## 932	236.5	1039	1998.2	2	3.8 63.15
## 933	205.6	1041	2019.0	6	11.6 63.08
## 934	210.6	855	1682.6	7	13.8 62.98
## 935	203.7	881	1677.2	4	7.6 62.84
## 936	202.8	830	1666.7	7	14.1 62.32
## 937	171.4	713	1420.8	6	12.0 63.08
## 938	93.0	648	1309.9	1	2.0 62.61
## 939	113.2	670	1354.5	5	10.1 62.71
## 940	247.2	753	1525.7	4	8.1 63.02
## 941	266.8	684	1393.1	4	8.1 63.06
## 942	241.3	606	1239.4	4	8.2 62.61
## 943	275.9	651	1340.6	5	10.3 63.13

## 944	269.8	595	1225.4	10	20.6 62.96
## 945	150.1	1091	2274.4	4	8.3 62.60
## 946	117.0	1025	2031.9	4	7.9 61.63
## 947	113.6	1127	2245.7	10	19.9 61.70
## 948	96.2	1077	2158.4	1	2.0 61.62
## 949	96.2	1203	2412.1	2	4.0 60.73
## 950	199.8	1166	2352.9	9	18.2 60.67
## 951	168.7	941	1913.1	8	16.3 60.58
## 952	158.5	861	1749.2	5	10.2 60.82
## 953	166.0	641	1330.1	4	8.3 60.58
## 954	161.0	609	1240.8	3	6.1 60.72
## 955	141.4	697	1428.6	9	18.4 59.02
## 956	121.2	603	1197.9	10	19.9 59.45
## 957	105.9	613	1224.6	4	8.0 60.23
## 958	250.4	38919	3023.2	687	53.4 62.72
## 959	297.8	39371	3046.9	901	69.7 62.03
## 960	286.8	36485	2814.1	1058	81.6 61.98
## 961	272.6	35398	2705.5	796	60.8 61.69
## 962	240.0	31426	2405.6	678	51.9 61.27
## 963	246.2	30031	2312.2	571	44.0 61.06
## 964	250.9	29145	2238.0	526	40.4 61.77
## 965	194.9	27258	2098.6	542	41.7 63.15
## 966	188.9	25117	1922.6	455	34.8 63.08
## 967	199.0	25603	1963.8	570	43.7 62.98
## 968	175.5	23592	1733.4	375	27.6 62.84
## 969	199.8	20406	1526.3	463	34.6 62.32
## 970	200.8	20492	1521.0	429	31.8 63.08
## 971	192.8	20345	1510.2	470	34.9 62.61
## 972	186.4	19816	1476.6	415	30.9 62.71
## 973	191.2	18195	1356.3	487	36.3 63.02
## 974	192.9	18653	1395.4	468	35.0 63.06
## 975	177.3	17679	1338.9	398	30.1 62.61
## 976	170.4	18766	1385.1	407	30.0 63.13
## 977	184.5	19332	1428.9	453	33.5 62.96
## 978	174.4	17976	1337.2	404	30.1 62.60
## 979	165.4	17148	1274.4	398	29.6 61.63
## 980	181.8	17117	1266.3	450	33.3 61.70
## 981	156.0	16572	1224.4	467	34.5 61.62
## 982	150.5	15637	1152.3	437	32.2 60.73
## 983	145.9	14374	1056.7	368	27.1 60.67
## 984	134.6	13452	991.9	314	23.2 60.58
## 985	120.6	12389	905.7	206	15.1 60.82
## 986	112.0	11874	881.0	195	14.5 60.58
## 987	121.5	11743	867.9	206	15.2 60.72
## 988	135.3	10418	771.7	285	21.1 59.02
## 989	138.0	10623	765.6	261	18.8 59.45
## 990	162.2	16241	1161.5	274	19.6 60.23
## 991	2989.2	173352	11661.9	10304	693.2 62.72
## 992	2761.9	167968	11257.5	10741	719.9 62.03
## 993	2524.0	150159	10029.7	9623	642.8 61.98
## 994	2378.2	136551	9155.3	8766	587.7 61.69
## 995	2141.7	119188	8003.2	7541	506.4 61.27
## 996	1688.9	98543	6632.0	4565	307.2 61.06
## 997	1477.0	85392	5731.2	3725	250.0 61.77

## 998	1357.6	80079	5388.7	2714	182.6 63.15
## 999	1208.7	71751	4803.8	2136	143.0 63.08
## 1000	1072.8	65434	4338.7	2078	137.8 62.98
## 1001	990.9	63696	4050.5	1787	113.6 62.84
## 1002	874.8	58748	3607.1	1606	98.6 62.32
## 1003	805.0	54941	3347.6	NA	NA 63.08
## 1004	787.4	52277	3379.8	NA	NA 62.61
## 1005	730.0	51317	3282.1	NA	NA 62.71
## 1006	702.8	48502	3049.1	NA	NA 63.02
## 1007	666.2	45593	2849.0	NA	NA 63.06
## 1008	624.1	45043	2795.7	NA	NA 62.61
## 1009	561.3	45555	2786.8	NA	NA 63.13
## 1010	530.4	44189	2691.1	NA	NA 62.96
## 1011	545.6	42468	2624.4	NA	NA 62.60
## 1012	566.3	41837	2626.3	NA	NA 61.63
## 1013	566.0	42654	2652.5	NA	NA 61.70
## 1014	537.4	43164	2663.7	NA	NA 61.62
## 1015	509.2	39239	2399.2	NA	NA 60.73
## 1016	533.4	38518	2337.6	869	52.7 60.67
## 1017	536.4	37814	2295.0	715	43.4 60.58
## 1018	521.3	38475	2312.9	639	38.4 60.82
## 1019	544.0	40879	2484.3	545	33.1 60.58
## 1020	596.7	40079	2445.7	687	41.9 60.72
## 1021	570.7	38412	2366.2	898	55.3 59.02
## 1022	742.6	41822	2649.7	1356	85.9 59.45
## 1023	823.3	56469	3580.2	1720	109.1 60.23
## 1024	446.6	8824	3997.2	73	33.1 62.72
## 1025	419.7	9235	4167.8	78	35.2 62.03
## 1026	488.9	9001	4048.6	79	35.5 61.98
## 1027	426.6	8951	4019.6	85	38.2 61.69
## 1028	386.8	8506	3825.7	82	36.9 61.27
## 1029	391.0	8507	3845.6	87	39.3 61.06
## 1030	395.8	8245	3717.2	71	32.0 61.77
## 1031	464.3	8273	3739.8	101	45.7 63.15
## 1032	421.4	7832	3548.5	120	54.4 63.08
## 1033	336.2	6657	3049.1	115	52.7 62.98
## 1034	321.6	6534	2898.5	79	35.0 62.84
## 1035	332.8	7213	3274.9	119	54.0 62.32
## 1036	367.2	7149	3221.1	110	49.6 63.08
## 1037	402.3	6734	3082.3	122	55.8 62.61
## 1038	409.5	6965	3186.6	135	61.8 62.71
## 1039	444.2	6327	2897.3	208	95.3 63.02
## 1040	413.6	6220	2858.6	175	80.4 63.06
## 1041	354.8	6192	2879.5	104	48.4 62.61
## 1042	356.2	6404	2989.8	107	50.0 63.13
## 1043	396.1	6326	2958.4	135	63.1 62.96
## 1044	394.5	6374	3011.6	124	58.6 62.60
## 1045	372.5	6422	2953.4	139	63.9 61.63
## 1046	377.1	6135	2824.9	144	66.3 61.70
## 1047	371.3	5857	2725.3	150	69.8 61.62
## 1048	372.9	5427	2535.7	183	85.5 60.73
## 1049	366.8	5142	2421.3	145	68.3 60.67
## 1050	403.8	5295	2515.5	163	77.4 60.58
## 1051	371.2	4813	2276.1	167	79.0 60.82

## 1052	302.4	3804	1840.7	131	63.4 60.58
## 1053	303.1	3540	1697.5	149	71.5 60.72
## 1054	319.1	4110	1983.9	156	75.3 59.02
## 1055	295.7	3222	1512.5	153	71.8 59.45
## 1056	296.7	3334	1567.9	168	79.0 60.23
## 1057	154.7	7360	2934.2	29	11.6 62.72
## 1058	194.2	8744	3473.0	60	23.8 62.03
## 1059	244.3	8523	3374.0	84	33.3 61.98
## 1060	237.2	7639	3014.6	88	34.7 61.69
## 1061	225.7	7325	2895.2	90	35.6 61.27
## 1062	247.7	7427	2981.7	100	40.1 61.06
## 1063	247.9	7374	2952.6	83	33.2 61.77
## 1064	278.2	6894	2767.8	92	36.9 63.15
## 1065	269.6	6607	2827.4	88	37.7 63.08
## 1066	226.5	6065	2626.7	87	37.7 62.98
## 1067	240.9	5874	2452.0	118	49.3 62.84
## 1068	255.2	6124	2596.0	90	38.2 62.32
## 1069	289.8	6098	2565.2	97	40.8 63.08
## 1070	297.4	5694	2419.2	117	49.7 62.61
## 1071	232.5	5852	2492.1	63	26.8 62.71
## 1072	218.4	5787	2459.4	53	22.5 63.02
## 1073	282.9	5705	2430.4	107	45.6 63.06
## 1074	300.3	6215	2666.0	126	54.0 62.61
## 1075	289.8	5938	2560.9	152	65.6 63.13
## 1076	278.6	5921	2561.6	136	58.8 62.96
## 1077	257.4	5651	2477.9	115	50.4 62.60
## 1078	233.5	5388	2283.7	94	39.8 61.63
## 1079	252.6	5794	2459.8	90	38.2 61.70
## 1080	230.1	5453	2336.4	96	41.1 61.62
## 1081	239.7	5206	2228.3	155	66.3 60.73
## 1082	252.2	4871	2100.3	110	47.4 60.67
## 1083	286.3	4572	1983.5	111	48.2 60.58
## 1084	301.2	4086	1768.0	94	40.7 60.82
## 1085	286.5	4003	1767.2	97	42.8 60.58
## 1086	281.5	3918	1720.8	100	43.9 60.72
## 1087	246.3	3909	1725.4	135	59.6 59.02
## 1088	289.0	4256	1830.3	121	52.0 59.45
## 1089	288.4	4370	1895.2	120	52.0 60.23
## 1090	372.3	20077	4281.1	120	25.6 62.72
## 1091	407.0	21338	4533.0	188	39.9 62.03
## 1092	405.5	19448	4117.7	247	52.3 61.98
## 1093	360.4	18547	3895.6	224	47.0 61.69
## 1094	333.2	18104	3808.5	190	40.0 61.27
## 1095	381.8	18685	3954.8	223	47.2 61.06
## 1096	365.0	18574	3920.8	212	44.8 61.77
## 1097	379.1	17834	3774.6	267	56.5 63.15
## 1098	403.5	15989	3457.4	206	44.5 63.08
## 1099	434.8	14478	3155.4	251	54.7 62.98
## 1100	420.6	14444	3035.9	318	66.8 62.84
## 1101	440.6	15486	3372.5	272	59.2 62.32
## 1102	424.9	15668	3386.1	312	67.4 63.08
## 1103	381.7	14361	3111.4	311	67.4 62.61
## 1104	362.8	12567	2723.6	295	63.9 62.71
## 1105	427.6	11937	2592.4	395	85.8 63.02

## 1106	410.4	12319	2682.2	392	85.4 63.06
## 1107	398.7	11445	2513.9	380	83.5 62.61
## 1108	381.2	11732	2588.0	309	68.2 63.13
## 1109	370.6	11722	2593.8	301	66.6 62.96
## 1110	357.9	11397	2536.4	355	79.0 62.60
## 1111	353.0	11206	2388.7	303	64.6 61.63
## 1112	373.2	11893	2533.2	341	72.6 61.70
## 1113	319.1	12496	2674.6	297	63.6 61.62
## 1114	318.1	11464	2442.5	309	65.8 60.73
## 1115	320.9	10074	2155.0	277	59.3 60.67
## 1116	303.9	9701	2083.7	303	65.1 60.58
## 1117	306.0	9464	2026.4	228	48.8 60.82
## 1118	301.1	8575	1878.9	260	57.0 60.58
## 1119	332.1	8394	1830.5	248	54.1 60.72
## 1120	354.4	8364	1830.9	366	80.1 59.02
## 1121	356.8	7433	1580.3	366	77.8 59.45
## 1122	363.2	8513	1794.6	399	84.1 60.23
## 1123	127.2	2467	2594.1	11	11.6 62.72
## 1124	94.3	2535	2655.7	2	2.1 62.03
## 1125	142.0	2381	2486.1	14	14.6 61.98
## 1126	165.2	2399	2446.5	6	6.1 61.69
## 1127	104.2	2328	2377.8	4	4.1 61.27
## 1128	129.8	2464	2499.1	6	6.1 61.06
## 1129	85.0	2379	2406.5	4	4.0 61.77
## 1130	73.0	2247	2279.1	6	6.1 63.15
## 1131	112.8	2283	2278.8	11	11.0 63.08
## 1132	129.3	2179	2183.8	4	4.0 62.98
## 1133	102.8	1869	1795.9	18	17.3 62.84
## 1134	96.6	1914	1906.2	8	8.0 62.32
## 1135	100.8	1965	1942.1	18	17.8 63.08
## 1136	116.0	1985	1951.1	10	9.8 62.61
## 1137	85.7	1718	1673.8	13	12.7 62.71
## 1138	106.1	1615	1558.1	17	16.4 63.02
## 1139	124.1	1759	1679.4	9	8.6 63.06
## 1140	94.6	1715	1639.0	8	7.6 62.61
## 1141	103.5	1789	1713.9	11	10.5 63.13
## 1142	132.5	1731	1649.8	25	23.8 62.96
## 1143	121.9	1867	1777.9	7	6.7 62.60
## 1144	138.4	1953	1801.4	13	12.0 61.63
## 1145	137.5	2025	1855.9	14	12.8 61.70
## 1146	112.1	1974	1814.4	11	10.1 61.62
## 1147	118.7	2052	1873.4	5	4.6 60.73
## 1148	131.1	1691	1539.2	9	8.2 60.67
## 1149	150.3	1702	1560.0	12	11.0 60.58
## 1150	122.3	1488	1348.4	7	6.3 60.82
## 1151	120.3	1332	1232.4	13	12.0 60.58
## 1152	151.6	1306	1193.0	10	9.1 60.72
## 1153	153.8	1346	1231.9	10	9.2 59.02
## 1154	150.2	1281	1132.0	15	13.3 59.45
## 1155	177.3	1312	1157.1	20	17.6 60.23
## 1156	435.2	9786	3180.9	129	41.9 62.72
## 1157	409.0	9944	3220.4	80	25.9 62.03
## 1158	404.8	9264	2990.2	105	33.9 61.98
## 1159	376.6	8898	2804.5	121	38.1 61.69

## 1160	424.6	8624	2722.5	132	41.7 61.27
## 1161	367.0	9232	2885.8	88	27.5 61.06
## 1162	357.0	8664	2701.1	133	41.5 61.77
## 1163	328.5	7934	2480.2	80	25.0 63.15
## 1164	329.1	7554	2304.1	92	28.1 63.08
## 1165	304.9	7796	2365.2	104	31.6 62.98
## 1166	290.9	7741	2221.1	99	28.4 62.84
## 1167	302.9	7565	2212.0	111	32.5 62.32
## 1168	359.5	7482	2171.1	145	42.1 63.08
## 1169	260.8	6970	1950.3	76	21.3 62.61
## 1170	255.6	6430	1767.2	92	25.3 62.71
## 1171	263.2	7193	1939.4	145	39.1 63.02
## 1172	259.7	7380	1973.8	96	25.7 63.06
## 1173	274.0	7739	2034.7	118	31.0 62.61
## 1174	272.3	8145	2134.7	123	32.2 63.13
## 1175	245.4	7824	2038.4	127	33.1 62.96
## 1176	259.7	8083	2107.8	152	39.6 62.60
## 1177	271.3	7992	2134.1	200	53.4 61.63
## 1178	285.8	8419	2233.8	163	43.2 61.70
## 1179	231.3	7721	2057.4	165	44.0 61.62
## 1180	220.6	7021	1863.7	170	45.1 60.73
## 1181	244.1	6326	1682.3	165	43.9 60.67
## 1182	240.4	6407	1704.0	179	47.6 60.58
## 1183	229.6	5883	1543.9	120	31.5 60.82
## 1184	210.7	5152	1369.1	79	21.0 60.58
## 1185	190.9	4529	1189.0	102	26.8 60.72
## 1186	175.4	4181	1089.4	104	27.1 59.02
## 1187	192.7	4119	1038.8	142	35.8 59.45
## 1188	180.6	4357	1060.5	113	27.5 60.23
## 1189	380.0	945	2258.3	4	9.6 62.72
## 1190	359.5	1162	2766.6	5	11.9 62.03
## 1191	422.4	1133	2688.7	3	7.1 61.98
## 1192	225.3	1124	2557.7	4	9.1 61.69
## 1193	150.4	924	2105.9	2	4.6 61.27
## 1194	182.3	776	1704.3	8	17.6 61.06
## 1195	221.2	858	1879.4	2	4.4 61.77
## 1196	199.9	989	2172.2	6	13.2 63.15
## 1197	258.8	788	1757.8	0	0.0 63.08
## 1198	210.9	799	1792.7	2	4.5 62.98
## 1199	121.4	632	1346.1	1	2.1 62.84
## 1200	146.9	507	1145.7	5	11.3 62.32
## 1201	213.0	554	1242.4	5	11.2 63.08
## 1202	159.2	428	973.5	5	11.4 62.61
## 1203	162.4	575	1315.4	1	2.3 62.71
## 1204	244.3	637	1441.1	3	6.8 63.02
## 1205	204.6	851	1956.2	3	6.9 63.06
## 1206	211.8	1000	2328.0	8	18.6 62.61
## 1207	173.2	1034	2453.8	9	21.4 63.13
## 1208	169.4	1195	2851.8	8	19.1 62.96
## 1209	190.9	984	2378.1	5	12.1 62.60
## 1210	190.4	922	2140.4	5	11.6 61.63
## 1211	142.4	859	2004.6	6	14.0 61.70
## 1212	137.6	688	1604.6	4	9.3 61.62
## 1213	137.6	629	1492.3	4	9.5 60.73

## 1214	165.5	604	1448.8	10	24.0 60.67
## 1215	190.0	671	1634.2	9	21.9 60.58
## 1216	211.2	677	1643.4	15	36.4 60.82
## 1217	162.7	535	1338.8	8	20.0 60.58
## 1218	144.6	428	1066.8	2	5.0 60.72
## 1219	160.7	400	1004.3	5	12.6 59.02
## 1220	144.8	310	761.0	4	9.8 59.45
## 1221	165.6	436	1077.9	5	12.4 60.23
## 1222	87.0	3268	2683.7	4	3.3 62.72
## 1223	111.3	3448	2821.0	8	6.5 62.03
## 1224	92.1	3440	2805.1	5	4.1 61.98
## 1225	77.3	3355	2673.7	12	9.6 61.69
## 1226	59.9	3312	2643.6	5	4.0 61.27
## 1227	130.6	3190	2541.1	1	0.8 61.06
## 1228	153.3	3199	2541.5	5	4.0 61.77
## 1229	124.3	3283	2615.2	10	8.0 63.15
## 1230	94.0	2767	2203.4	7	5.6 63.08
## 1231	101.5	2637	2124.0	3	2.4 62.98
## 1232	85.9	2367	1832.3	4	3.1 62.84
## 1233	94.6	2878	2347.4	10	8.2 62.32
## 1234	148.1	2894	2342.5	17	13.8 63.08
## 1235	115.3	2396	1945.7	10	8.1 62.61
## 1236	109.9	2496	2017.2	9	7.3 62.71
## 1237	150.9	2472	1994.3	8	6.5 63.02
## 1238	127.7	2578	2084.0	15	12.1 63.06
## 1239	130.3	2481	2020.2	18	14.7 62.61
## 1240	151.7	2409	1986.2	29	23.9 63.13
## 1241	145.2	2613	2155.3	20	16.5 62.96
## 1242	157.6	3099	2584.5	16	13.3 62.60
## 1243	147.6	3036	2475.2	17	13.9 61.63
## 1244	167.6	3122	2540.5	20	16.3 61.70
## 1245	129.8	2520	2070.7	8	6.6 61.62
## 1246	131.3	2398	1980.0	7	5.8 60.73
## 1247	208.5	2123	1763.8	9	7.5 60.67
## 1248	222.8	2049	1722.4	15	12.6 60.58
## 1249	183.6	1762	1483.9	15	12.6 60.82
## 1250	162.4	1845	1593.9	15	13.0 60.58
## 1251	155.9	1709	1464.0	8	6.9 60.72
## 1252	169.2	1616	1395.0	17	14.7 59.02
## 1253	178.4	1428	1202.0	12	10.1 59.45
## 1254	168.2	1376	1163.1	14	11.8 60.23
## 1255	109.1	1148	1897.0	3	5.0 62.72
## 1256	102.1	1312	2159.9	6	9.9 62.03
## 1257	108.3	1181	1937.7	4	6.6 61.98
## 1258	156.7	1260	2056.1	7	11.4 61.69
## 1259	142.2	1156	1889.4	8	13.1 61.27
## 1260	178.9	1214	1974.9	6	9.8 61.06
## 1261	163.9	1314	2131.8	5	8.1 61.77
## 1262	201.7	1329	2161.9	2	3.3 63.15
## 1263	214.3	1039	1686.4	7	11.4 63.08
## 1264	274.4	1206	1981.6	4	6.6 62.98
## 1265	212.0	898	1420.5	5	7.9 62.84
## 1266	189.4	793	1283.4	25	40.5 62.32
## 1267	255.4	991	1591.6	14	22.5 63.08

## 1268	213.9	1045	1680.7	10	16.1 62.61
## 1269	207.0	1077	1728.3	9	14.4 62.71
## 1270	178.9	1084	1731.4	10	16.0 63.02
## 1271	232.1	1046	1662.6	11	17.5 63.06
## 1272	159.9	1085	1734.8	6	9.6 62.61
## 1273	137.7	1016	1626.4	10	16.0 63.13
## 1274	225.9	1061	1712.0	8	12.9 62.96
## 1275	206.9	1019	1673.1	13	21.3 62.60
## 1276	190.3	1027	1642.2	18	28.8 61.63
## 1277	125.3	905	1453.8	6	9.6 61.70
## 1278	105.5	770	1249.7	7	11.4 61.62
## 1279	82.7	786	1275.1	7	11.4 60.73
## 1280	128.4	763	1256.2	4	6.6 60.67
## 1281	150.2	689	1149.7	7	11.7 60.58
## 1282	155.3	641	1070.3	6	10.0 60.82
## 1283	161.9	624	1063.5	5	8.5 60.58
## 1284	169.2	524	886.4	7	11.8 60.72
## 1285	127.5	562	955.5	3	5.1 59.02
## 1286	136.9	516	861.7	4	6.7 59.45
## 1287	102.9	547	937.7	4	6.9 60.23
## 1288	160.8	1768	2106.2	8	9.5 62.72
## 1289	129.4	1734	2058.1	7	8.3 62.03
## 1290	126.6	1566	1852.5	5	5.9 61.98
## 1291	90.2	1464	1671.0	8	9.1 61.69
## 1292	73.2	1327	1517.0	4	4.6 61.27
## 1293	67.4	1294	1453.1	11	12.4 61.06
## 1294	78.4	1305	1461.5	3	3.4 61.77
## 1295	67.4	1236	1388.0	5	5.6 63.15
## 1296	75.6	1219	1316.8	8	8.6 63.08
## 1297	70.6	1154	1234.7	11	11.8 62.98
## 1298	53.6	1018	1029.2	1	1.0 62.84
## 1299	94.9	1008	1050.9	7	7.3 62.32
## 1300	75.5	1209	1250.8	3	3.1 63.08
## 1301	80.3	1109	1126.8	6	6.1 62.61
## 1302	77.2	1012	1014.6	4	4.0 62.71
## 1303	94.3	1017	1009.8	5	5.0 63.02
## 1304	92.3	870	863.3	11	10.9 63.06
## 1305	70.3	912	903.3	1	1.0 62.61
## 1306	83.1	969	970.0	4	4.0 63.13
## 1307	85.4	878	881.8	5	5.0 62.96
## 1308	70.1	865	878.4	7	7.1 62.60
## 1309	65.9	794	792.7	1	1.0 61.63
## 1310	40.8	834	830.1	3	3.0 61.70
## 1311	49.2	723	725.4	3	3.0 61.62
## 1312	51.1	729	730.6	3	3.0 60.73
## 1313	43.3	546	550.3	0	0.0 60.67
## 1314	37.7	566	576.2	2	2.0 60.58
## 1315	54.6	574	580.0	2	2.0 60.82
## 1316	55.4	448	459.9	2	2.1 60.58
## 1317	49.9	328	333.8	4	4.1 60.72
## 1318	37.9	361	370.1	3	3.1 59.02
## 1319	57.4	459	454.5	4	4.0 59.45
## 1320	63.7	473	478.0	6	6.1 60.23
## 1321	1557.0	134738	6891.5	9832	502.9 62.72

## 1322	1621.5	128384	6542.0	11173	569.3 62.03
## 1323	1564.3	121080	6146.3	10936	555.1 61.98
## 1324	1456.1	120451	6140.1	9488	483.7 61.69
## 1325	1297.3	103638	5291.0	7559	385.9 61.27
## 1326	1114.9	86146	4408.0	5438	278.3 61.06
## 1327	958.6	75037	3829.1	4151	211.8 61.77
## 1328	912.3	68062	3482.2	2992	153.1 63.15
## 1329	839.5	59173	3012.1	2459	125.2 63.08
## 1330	791.5	54898	2767.6	2341	118.0 62.98
## 1331	693.8	50313	2432.6	2053	99.3 62.84
## 1332	606.4	46347	2163.6	1870	87.3 62.32
## 1333	584.9	44264	2050.6	NA	NA 63.08
## 1334	495.1	39336	1753.6	NA	NA 62.61
## 1335	463.4	37819	1697.5	NA	NA 62.71
## 1336	459.3	34872	1562.5	NA	NA 63.02
## 1337	449.9	34006	1514.5	NA	NA 63.06
## 1338	437.1	32784	1455.6	NA	NA 62.61
## 1339	423.2	31660	1382.7	NA	NA 63.13
## 1340	403.7	29626	1286.3	NA	NA 62.96
## 1341	424.4	29083	1269.3	NA	NA 62.60
## 1342	460.2	29552	1318.8	NA	NA 61.63
## 1343	475.4	29446	1301.8	NA	NA 61.70
## 1344	468.6	29173	1272.7	NA	NA 61.62
## 1345	423.6	28230	1220.3	NA	NA 60.73
## 1346	421.5	26066	1114.9	1171	50.1 60.67
## 1347	399.2	24444	1043.0	960	41.0 60.58
## 1348	389.7	23676	1004.6	932	39.5 60.82
## 1349	379.9	24279	1041.4	846	36.3 60.58
## 1350	414.2	23090	1018.2	778	34.3 60.72
## 1351	428.6	27817	1238.3	1240	55.2 59.02
## 1352	439.8	29068	1245.8	1412	60.5 59.45
## 1353	526.3	38486	1709.8	1697	75.4 60.23
## 1354	259.7	5037	3261.7	16	10.4 62.72
## 1355	296.1	5041	3252.2	20	12.9 62.03
## 1356	241.1	5286	3398.9	26	16.7 61.98
## 1357	299.8	5207	3314.5	46	29.3 61.69
## 1358	307.9	4922	3138.0	37	23.6 61.27
## 1359	296.7	5102	3269.3	49	31.4 61.06
## 1360	321.5	5541	3541.2	54	34.5 61.77
## 1361	340.3	4952	3173.2	73	46.8 63.15
## 1362	267.0	4470	2889.7	42	27.2 63.08
## 1363	301.6	4313	2821.4	70	45.8 62.98
## 1364	304.6	4400	2785.9	50	31.7 62.84
## 1365	299.7	4204	2751.0	59	38.6 62.32
## 1366	355.2	4406	2861.2	84	54.5 63.08
## 1367	343.8	4108	2675.2	60	39.1 62.61
## 1368	316.3	3830	2482.1	52	33.7 62.71
## 1369	317.6	3931	2547.7	61	39.5 63.02
## 1370	359.1	4136	2657.0	109	70.0 63.06
## 1371	318.8	4044	2604.8	84	54.1 62.61
## 1372	351.5	4223	2713.6	89	57.2 63.13
## 1373	329.9	4296	2762.5	96	61.7 62.96
## 1374	354.3	4307	2795.2	93	60.4 62.60
## 1375	302.8	4203	2624.5	112	69.9 61.63

## 1376	278.9	4201	2621.4	102	63.6 61.70
## 1377	294.1	3666	2289.1	90	56.2 61.62
## 1378	293.8	3788	2363.0	95	59.3 60.73
## 1379	342.8	3653	2289.3	104	65.2 60.67
## 1380	296.1	3186	1998.9	87	54.6 60.58
## 1381	279.0	3070	1912.1	90	56.1 60.82
## 1382	248.1	2706	1726.0	72	45.9 60.58
## 1383	251.6	2808	1770.7	79	49.8 60.72
## 1384	288.6	2731	1732.5	116	73.6 59.02
## 1385	286.8	2501	1542.8	127	78.3 59.45
## 1386	281.8	2987	1858.2	125	77.8 60.23
## 1387	812.0	18761	4927.1	675	177.3 62.72
## 1388	818.2	16682	4364.7	798	208.8 62.03
## 1389	867.2	14825	3873.7	1005	262.6 61.98
## 1390	876.0	14856	3888.4	1029	269.3 61.69
## 1391	835.9	14777	3873.6	764	200.3 61.27
## 1392	722.3	11080	2911.1	480	126.1 61.06
## 1393	661.1	9428	2470.3	382	100.1 61.77
## 1394	675.4	8775	2305.2	271	71.2 63.15
## 1395	484.8	7205	1883.1	182	47.6 63.08
## 1396	400.4	7070	1830.1	200	51.8 62.98
## 1397	425.5	6891	1710.7	242	60.1 62.84
## 1398	354.5	6214	1489.5	141	33.8 62.32
## 1399	339.2	6422	1527.6	NA	NA 63.08
## 1400	281.0	5660	1226.2	NA	NA 62.61
## 1401	307.3	5683	1230.7	NA	NA 62.71
## 1402	324.0	5566	1203.2	NA	NA 63.02
## 1403	302.5	5728	1230.8	NA	NA 63.06
## 1404	280.4	5502	1154.0	NA	NA 62.61
## 1405	272.8	6183	1273.0	NA	NA 63.13
## 1406	266.1	5659	1155.9	NA	NA 62.96
## 1407	276.6	5468	1119.4	NA	NA 62.60
## 1408	303.3	5373	1141.2	NA	NA 61.63
## 1409	350.1	5482	1153.4	NA	NA 61.70
## 1410	352.6	5576	1185.9	NA	NA 61.62
## 1411	326.8	5314	1119.8	NA	NA 60.73
## 1412	346.4	4814	1010.0	224	47.0 60.67
## 1413	334.2	4724	993.5	191	40.2 60.58
## 1414	302.9	4518	943.0	153	31.9 60.82
## 1415	297.1	4330	913.6	133	28.1 60.58
## 1416	276.2	3491	742.7	93	19.8 60.72
## 1417	289.3	3695	793.6	166	35.7 59.02
## 1418	265.8	3532	715.0	172	34.8 59.45
## 1419	359.8	5435	1120.0	204	42.0 60.23
## 1420	267.1	7799	2937.8	42	15.8 62.72
## 1421	295.3	7123	2673.1	79	29.6 62.03
## 1422	273.0	6985	2612.6	102	38.2 61.98
## 1423	227.1	7030	2583.0	85	31.2 61.69
## 1424	242.5	6719	2472.6	70	25.8 61.27
## 1425	279.6	7820	2850.3	93	33.9 61.06
## 1426	239.2	7139	2595.1	57	20.7 61.77
## 1427	271.9	6691	2438.7	88	32.1 63.15
## 1428	253.2	6302	2247.1	77	27.5 63.08
## 1429	262.4	5968	2118.8	76	27.0 62.98

## 1430	214.4	5374	1814.4	59	19.9 62.84
## 1431	250.3	5380	1872.7	56	19.5 62.32
## 1432	224.2	4760	1644.3	58	20.0 63.08
## 1433	189.5	4392	1502.4	58	19.8 62.61
## 1434	194.5	4661	1587.8	63	21.5 62.71
## 1435	184.0	4217	1434.1	45	15.3 63.02
## 1436	172.6	4239	1443.3	32	10.9 63.06
## 1437	184.6	3932	1331.9	35	11.9 62.61
## 1438	181.8	4505	1511.1	36	12.1 63.13
## 1439	157.7	4515	1505.3	60	20.0 62.96
## 1440	155.7	4402	1476.7	61	20.5 62.60
## 1441	180.1	4091	1306.7	44	14.1 61.63
## 1442	159.4	3912	1234.6	57	18.0 61.70
## 1443	125.4	3442	1076.0	31	9.7 61.62
## 1444	115.0	3362	1039.1	30	9.3 60.73
## 1445	151.2	3325	1019.5	34	10.4 60.67
## 1446	117.6	3204	980.9	30	9.2 60.58
## 1447	122.1	3038	920.7	27	8.2 60.82
## 1448	114.7	2912	895.8	37	11.4 60.58
## 1449	117.3	2549	782.9	37	11.4 60.72
## 1450	105.2	2431	747.5	31	9.5 59.02
## 1451	103.5	2006	596.7	43	12.8 59.45
## 1452	105.6	2521	735.2	44	12.8 60.23
## 1453	262.6	4676	2579.5	12	6.6 62.72
## 1454	306.7	4734	2601.8	19	10.4 62.03
## 1455	310.0	4599	2519.2	23	12.6 61.98
## 1456	273.1	3760	1986.3	20	10.6 61.69
## 1457	241.3	3698	1956.6	12	6.3 61.27
## 1458	269.6	3767	1956.6	16	8.3 61.06
## 1459	271.4	3858	1998.5	11	5.7 61.77
## 1460	123.1	2915	1514.0	16	8.3 63.15
## 1461	106.1	2802	1422.4	8	4.1 63.08
## 1462	110.2	2717	1373.3	14	7.1 62.98
## 1463	126.3	2763	1326.5	15	7.2 62.84
## 1464	131.8	2903	1444.2	32	15.9 62.32
## 1465	129.4	2598	1282.6	28	13.8 63.08
## 1466	94.9	2432	1172.1	13	6.3 62.61
## 1467	118.0	2603	1238.2	11	5.2 62.71
## 1468	126.3	2601	1221.1	13	6.1 63.02
## 1469	113.3	3043	1412.5	10	4.6 63.06
## 1470	94.5	2828	1303.6	5	2.3 62.61
## 1471	74.0	2979	1368.7	9	4.1 63.13
## 1472	79.0	2750	1256.1	15	6.9 62.96
## 1473	68.8	3085	1405.3	4	1.8 62.60
## 1474	59.8	2943	1334.1	8	3.6 61.63
## 1475	68.9	3088	1390.5	13	5.9 61.70
## 1476	77.5	2942	1318.7	22	9.9 61.62
## 1477	73.3	2800	1243.3	12	5.3 60.73
## 1478	114.7	2591	1147.9	9	4.0 60.67
## 1479	114.2	2589	1145.6	14	6.2 60.58
## 1480	122.0	2517	1100.3	27	11.8 60.82
## 1481	102.2	2379	1048.2	25	11.0 60.58
## 1482	87.3	2119	920.6	9	3.9 60.72
## 1483	100.2	2009	875.4	15	6.5 59.02

## 1484	114.2	2228	938.6	21	8.8 59.45
## 1485	125.0	2509	1041.8	32	13.3 60.23
## 1486	259.2	5537	3709.0	37	24.8 62.72
## 1487	428.5	5722	3818.7	43	28.7 62.03
## 1488	614.6	6020	4004.1	64	42.6 61.98
## 1489	493.2	5662	3753.7	56	37.1 61.69
## 1490	519.9	6030	4004.0	95	63.1 61.27
## 1491	412.6	6029	4038.0	91	60.9 61.06
## 1492	372.1	5565	3717.2	88	58.8 61.77
## 1493	335.5	5175	3465.9	79	52.9 63.15
## 1494	381.6	5057	3427.7	64	43.4 63.08
## 1495	391.2	4855	3332.2	55	37.7 62.98
## 1496	372.6	4726	3149.9	109	72.6 62.84
## 1497	421.6	4859	3309.4	111	75.6 62.32
## 1498	380.5	4594	3105.0	104	70.3 63.08
## 1499	375.9	4234	2873.0	115	78.0 62.61
## 1500	415.4	4805	3256.0	125	84.7 62.71
## 1501	477.6	5056	3410.4	154	103.9 63.02
## 1502	534.5	5386	3603.2	157	105.0 63.06
## 1503	457.5	4666	3098.3	133	88.3 62.61
## 1504	489.0	4903	3240.0	174	115.0 63.13
## 1505	429.1	5178	3407.9	129	84.9 62.96
## 1506	495.2	5273	3491.2	145	96.0 62.60
## 1507	442.0	4842	3115.4	126	81.1 61.63
## 1508	443.2	4901	3143.8	102	65.4 61.70
## 1509	433.8	4704	3027.7	116	74.7 61.62
## 1510	384.1	4494	2886.7	103	66.2 60.73
## 1511	428.6	3955	2541.2	126	81.0 60.67
## 1512	451.4	3992	2600.2	104	67.7 60.58
## 1513	434.6	3928	2536.7	100	64.6 60.82
## 1514	468.1	3901	2553.9	95	62.2 60.58
## 1515	392.7	3346	2164.9	112	72.5 60.72
## 1516	363.4	3294	2134.0	128	82.9 59.02
## 1517	333.6	3336	2092.0	104	65.2 59.45
## 1518	388.1	4019	2519.6	147	92.2 60.23
## 1519	163.2	697	2187.8	2	6.3 62.72
## 1520	178.3	684	2139.1	1	3.1 62.03
## 1521	183.9	624	1945.0	1	3.1 61.98
## 1522	150.0	538	1647.5	3	9.2 61.69
## 1523	144.1	493	1512.0	0	0.0 61.27
## 1524	154.7	535	1622.4	1	3.0 61.06
## 1525	136.1	543	1642.4	6	18.1 61.77
## 1526	118.3	487	1477.0	1	3.0 63.15
## 1527	101.4	437	1342.5	2	6.1 63.08
## 1528	132.4	470	1447.2	7	21.6 62.98
## 1529	77.8	529	1582.7	1	3.0 62.84
## 1530	145.4	587	1855.2	8	25.3 62.32
## 1531	210.1	573	1797.1	3	9.4 63.08
## 1532	125.4	608	1905.4	3	9.4 62.61
## 1533	141.8	478	1505.7	0	0.0 62.71
## 1534	102.9	465	1450.5	5	15.6 63.02
## 1535	86.5	451	1393.6	2	6.2 63.06
## 1536	102.5	534	1658.7	1	3.1 62.61
## 1537	68.5	583	1815.5	1	3.1 63.13

## 1538	84.5	545	1706.5	3	9.4 62.96
## 1539	54.5	450	1443.7	1	3.2 62.60
## 1540	45.6	418	1270.7	3	9.1 61.63
## 1541	58.0	475	1450.2	4	12.2 61.70
## 1542	84.5	509	1593.4	3	9.4 61.62
## 1543	34.7	369	1164.4	0	0.0 60.73
## 1544	121.7	364	1165.4	5	16.0 60.67
## 1545	116.7	348	1127.7	2	6.5 60.58
## 1546	118.7	277	888.8	1	3.2 60.82
## 1547	88.1	293	955.7	2	6.5 60.58
## 1548	149.7	189	615.0	6	19.5 60.72
## 1549	140.4	272	888.3	3	9.8 59.02
## 1550	116.4	252	792.7	1	3.1 59.45
## 1551	99.2	218	721.1	3	9.9 60.23
## 1552	101.8	627	3359.8	3	16.1 62.72
## 1553	160.2	553	2952.3	3	16.0 62.03
## 1554	186.2	461	2453.0	4	21.3 61.98
## 1555	200.1	390	2053.9	2	10.5 61.69
## 1556	189.9	302	1593.0	1	5.3 61.27
## 1557	200.2	466	2455.6	0	0.0 61.06
## 1558	115.6	329	1729.0	0	0.0 61.77
## 1559	84.3	302	1591.4	1	5.3 63.15
## 1560	52.1	349	1817.5	2	10.4 63.08
## 1561	135.8	425	2219.7	3	15.7 62.98
## 1562	104.7	402	2004.7	5	24.9 62.84
## 1563	161.0	359	1864.1	5	26.0 62.32
## 1564	149.4	295	1520.1	7	36.1 63.08
## 1565	108.2	301	1550.9	5	25.8 62.61
## 1566	61.6	335	1718.7	6	30.8 62.71
## 1567	153.6	311	1592.2	2	10.2 63.02
## 1568	61.9	201	1036.4	1	5.2 63.06
## 1569	98.0	148	763.6	1	5.2 62.61
## 1570	79.0	192	1011.1	1	5.3 63.13
## 1571	95.5	156	828.1	4	21.2 62.96
## 1572	59.6	187	1013.3	0	0.0 62.60
## 1573	97.7	154	835.8	3	16.3 61.63
## 1574	113.8	164	888.4	6	32.5 61.70
## 1575	75.3	151	811.7	6	32.3 61.62
## 1576	54.0	155	836.5	1	5.4 60.73
## 1577	75.7	135	730.2	0	0.0 60.67
## 1578	72.1	105	582.0	3	16.6 60.58
## 1579	82.8	55	303.8	1	5.5 60.82
## 1580	85.1	45	255.4	1	5.7 60.58
## 1581	56.3	56	315.3	1	5.6 60.72
## 1582	56.7	39	221.1	2	11.3 59.02
## 1583	55.3	40	221.2	1	5.5 59.45
## 1584	67.5	82	461.2	0	0.0 60.23
## 1585	154.4	741	2199.9	1	3.0 62.72
## 1586	159.7	754	2230.3	3	8.9 62.03
## 1587	106.1	667	1966.4	1	2.9 61.98
## 1588	130.6	612	1816.0	0	0.0 61.69
## 1589	139.7	740	2199.4	0	0.0 61.27
## 1590	132.0	748	2296.2	3	9.2 61.06
## 1591	140.8	739	2262.6	3	9.2 61.77

## 1592	162.7	696	2136.7	1	3.1 63.15
## 1593	200.7	726	2207.5	4	12.2 63.08
## 1594	125.1	631	1973.1	1	3.1 62.98
## 1595	93.1	658	1976.4	2	6.0 62.84
## 1596	170.6	549	1643.6	4	12.0 62.32
## 1597	163.4	581	1726.0	0	0.0 63.08
## 1598	125.6	562	1604.1	0	0.0 62.61
## 1599	105.0	549	1557.4	0	0.0 62.71
## 1600	105.3	550	1565.8	0	0.0 63.02
## 1601	131.6	544	1556.6	1	2.9 63.06
## 1602	132.1	519	1490.2	2	5.7 62.61
## 1603	134.0	619	1803.0	5	14.6 63.13
## 1604	140.5	603	1765.1	5	14.6 62.96
## 1605	154.1	608	1802.0	1	3.0 62.60
## 1606	177.9	618	1745.3	3	8.5 61.63
## 1607	166.7	794	2243.7	2	5.7 61.70
## 1608	175.3	732	2069.3	5	14.1 61.62
## 1609	160.5	664	1870.3	2	5.6 60.73
## 1610	178.5	668	1923.6	4	11.5 60.67
## 1611	194.1	576	1668.5	5	14.5 60.58
## 1612	209.9	498	1431.9	1	2.9 60.82
## 1613	142.2	418	1238.7	6	17.8 60.58
## 1614	132.4	395	1162.0	1	2.9 60.72
## 1615	163.4	383	1137.7	5	14.9 59.02
## 1616	192.8	472	1358.3	7	20.1 59.45
## 1617	244.7	408	1203.0	11	32.4 60.23
## 1618	251.0	3260	2911.4	8	7.1 62.72
## 1619	186.0	3644	3242.3	4	3.6 62.03
## 1620	206.6	3577	3172.1	8	7.1 61.98
## 1621	190.6	3229	2823.3	10	8.7 61.69
## 1622	182.2	3238	2835.6	7	6.1 61.27
## 1623	177.8	3005	2606.8	7	6.1 61.06
## 1624	167.8	3072	2657.8	6	5.2 61.77
## 1625	178.7	2960	2567.8	4	3.5 63.15
## 1626	165.2	2819	2463.7	8	7.0 63.08
## 1627	173.1	2651	2329.1	6	5.3 62.98
## 1628	198.8	2574	2187.1	10	8.5 62.84
## 1629	200.6	2301	2052.0	6	5.4 62.32
## 1630	233.6	2259	1999.1	8	7.1 63.08
## 1631	194.0	2363	2121.9	8	7.2 62.61
## 1632	128.7	2500	2234.7	6	5.4 62.71
## 1633	156.1	2499	2242.0	6	5.4 63.02
## 1634	141.5	2541	2275.3	8	7.2 63.06
## 1635	176.7	2122	1913.5	9	8.1 62.61
## 1636	191.7	2117	1932.8	6	5.5 63.13
## 1637	177.3	1624	1484.1	14	12.8 62.96
## 1638	130.2	2341	2162.1	14	12.9 62.60
## 1639	127.2	2372	2109.4	26	23.1 61.63
## 1640	108.6	2119	1887.0	14	12.5 61.70
## 1641	99.6	1853	1647.4	12	10.7 61.62
## 1642	86.5	1662	1481.5	2	1.8 60.73
## 1643	128.7	1528	1375.6	7	6.3 60.67
## 1644	157.1	1566	1422.2	14	12.7 60.58
## 1645	121.8	1378	1252.8	12	10.9 60.82

## 1646	142.6	1248	1163.5	9	8.4 60.58
## 1647	98.1	1009	943.0	8	7.5 60.72
## 1648	128.5	996	934.2	12	11.3 59.02
## 1649	153.4	1021	932.3	5	4.6 59.45
## 1650	135.4	1183	1089.3	15	13.8 60.23
## 1651	248.3	3164	3193.1	6	6.1 62.72
## 1652	201.1	3309	3327.2	4	4.0 62.03
## 1653	244.5	3195	3201.9	8	8.0 61.98
## 1654	203.7	2799	2781.8	9	8.9 61.69
## 1655	220.0	3082	3068.0	10	10.0 61.27
## 1656	213.1	3252	3238.0	9	9.0 61.06
## 1657	202.6	2676	2657.5	7	7.0 61.77
## 1658	215.1	2721	2709.5	6	6.0 63.15
## 1659	179.3	2547	2565.9	9	9.1 63.08
## 1660	189.7	2241	2285.2	4	4.1 62.98
## 1661	134.5	1912	1876.6	6	5.9 62.84
## 1662	121.3	1905	1926.0	6	6.1 62.32
## 1663	122.4	1295	1299.3	6	6.0 63.08
## 1664	126.7	1390	1397.2	7	7.0 62.61
## 1665	189.5	1905	1920.3	10	10.1 62.71
## 1666	204.1	1951	1971.6	3	3.0 63.02
## 1667	261.9	1511	1527.9	10	10.1 63.06
## 1668	163.5	1391	1421.1	4	4.1 62.61
## 1669	166.7	1337	1383.9	1	1.0 63.13
## 1670	139.1	1267	1315.6	3	3.1 62.96
## 1671	172.2	1673	1756.4	8	8.4 62.60
## 1672	138.8	1549	1557.8	9	9.1 61.63
## 1673	156.7	1681	1688.3	7	7.0 61.70
## 1674	124.0	1418	1429.1	8	8.1 61.62
## 1675	116.5	1426	1444.3	5	5.1 60.73
## 1676	192.7	1396	1423.5	13	13.3 60.67
## 1677	194.4	1338	1383.4	8	8.3 60.58
## 1678	176.6	1097	1133.0	12	12.4 60.82
## 1679	170.0	883	938.4	10	10.6 60.58
## 1680	145.4	766	807.4	9	9.5 60.72
## 1681	124.0	746	790.4	4	4.2 59.02
## 1682	170.6	656	678.4	4	4.1 59.45
## 1683	163.0	809	867.7	5	5.4 60.23
## 1684	286.4	57514	4351.0	651	49.2 62.72
## 1685	300.6	63708	4801.6	829	62.5 62.03
## 1686	316.8	59824	4493.7	938	70.5 61.98
## 1687	282.5	55442	4123.0	895	66.6 61.69
## 1688	234.9	48566	3617.3	642	47.8 61.27
## 1689	205.0	44429	3302.7	479	35.6 61.06
## 1690	190.3	42664	3163.0	452	33.5 61.77
## 1691	186.8	41752	3103.6	402	29.9 63.15
## 1692	199.9	38786	2840.5	372	27.2 63.08
## 1693	177.0	35013	2550.3	341	24.8 62.98
## 1694	211.3	33362	2311.7	473	32.8 62.84
## 1695	233.9	34329	2414.2	662	46.6 62.32
## 1696	217.9	33583	2343.7	600	41.9 63.08
## 1697	203.6	32416	2218.5	618	42.3 62.61
## 1698	193.4	29172	1983.3	512	34.8 62.71
## 1699	210.4	28983	1961.5	680	46.0 63.02

## 1700	209.6	29496	1994.5	619	41.9 63.06
## 1701	180.5	28717	1950.6	549	37.3 62.61
## 1702	171.6	31402	2062.2	568	37.3 63.13
## 1703	180.0	29863	1962.1	582	38.2 62.96
## 1704	157.3	30261	2002.5	542	35.9 62.60
## 1705	147.8	29189	1945.9	530	35.3 61.63
## 1706	141.2	26758	1775.7	437	29.0 61.70
## 1707	128.7	24445	1626.9	410	27.3 61.62
## 1708	117.4	24356	1620.1	360	23.9 60.73
## 1709	133.8	22486	1497.0	474	31.6 60.67
## 1710	127.0	21196	1419.7	426	28.5 60.58
## 1711	116.9	19713	1318.0	372	24.9 60.82
## 1712	103.2	17465	1192.4	281	19.2 60.58
## 1713	96.4	16775	1140.1	268	18.2 60.72
## 1714	90.2	16827	1148.4	282	19.2 59.02
## 1715	96.3	15659	1036.5	328	21.7 59.45
## 1716	89.0	19414	1260.6	311	20.2 60.23
## 1717	433.0	2869	4141.3	10	14.4 62.72
## 1718	486.1	2891	4157.8	10	14.4 62.03
## 1719	478.8	2538	3637.9	17	24.4 61.98
## 1720	533.5	2732	3845.5	38	53.5 61.69
## 1721	537.1	2734	3854.4	27	38.1 61.27
## 1722	483.7	2690	3815.4	34	48.2 61.06
## 1723	563.0	2541	3594.5	21	29.7 61.77
## 1724	609.9	2457	3485.0	21	29.8 63.15
## 1725	392.9	2251	3192.8	18	25.5 63.08
## 1726	339.6	1873	2707.0	22	31.8 62.98
## 1727	394.2	1917	2651.4	17	23.5 62.84
## 1728	349.5	1558	2102.5	16	21.6 62.32
## 1729	342.8	1581	2117.3	30	40.2 63.08
## 1730	395.2	1812	2435.5	17	22.8 62.61
## 1731	363.6	1607	2140.0	17	22.6 62.71
## 1732	341.1	1961	2572.8	22	28.9 63.02
## 1733	379.2	1713	2232.1	26	33.9 63.06
## 1734	349.2	1799	2344.2	19	24.8 62.61
## 1735	254.7	1611	2103.9	11	14.4 63.13
## 1736	243.5	1358	1777.8	15	19.6 62.96
## 1737	291.5	1489	1981.7	18	24.0 62.60
## 1738	258.0	1739	2232.5	24	30.8 61.63
## 1739	231.5	1750	2263.5	26	33.6 61.70
## 1740	224.3	1548	2019.0	23	30.0 61.62
## 1741	205.0	1489	1944.1	23	30.0 60.73
## 1742	226.7	1160	1538.0	15	19.9 60.67
## 1743	266.6	1032	1396.8	22	29.8 60.58
## 1744	296.5	1061	1423.3	10	13.4 60.82
## 1745	264.2	1003	1359.2	21	28.5 60.58
## 1746	249.9	831	1110.3	11	14.7 60.72
## 1747	196.7	705	943.4	16	21.4 59.02
## 1748	175.2	796	1025.6	12	15.5 59.45
## 1749	175.3	702	860.3	17	20.8 60.23
## 1750	231.2	794	1517.1	4	7.6 62.72
## 1751	316.0	1110	2113.0	4	7.6 62.03
## 1752	347.2	1018	1931.4	2	3.8 61.98
## 1753	335.6	936	1745.1	3	5.6 61.69

## 1754	255.8	883	1648.9	0	0.0 61.27
## 1755	183.8	821	1539.6	4	7.5 61.06
## 1756	108.5	781	1460.7	4	7.5 61.77
## 1757	88.1	580	1087.7	4	7.5 63.15
## 1758	62.2	718	1352.8	0	0.0 63.08
## 1759	81.8	571	1086.8	3	5.7 62.98
## 1760	62.4	473	868.6	3	5.5 62.84
## 1761	59.8	511	985.0	2	3.9 62.32
## 1762	72.7	572	1094.2	3	5.7 63.08
## 1763	61.7	568	1095.3	4	7.7 62.61
## 1764	55.9	517	997.2	1	1.9 62.71
## 1765	56.2	484	937.8	2	3.9 63.02
## 1766	71.7	550	1065.6	3	5.8 63.06
## 1767	68.5	498	975.0	5	9.8 62.61
## 1768	71.6	544	1081.9	4	8.0 63.13
## 1769	60.0	525	1050.3	6	12.0 62.96
## 1770	73.0	564	1143.1	6	12.2 62.60
## 1771	66.2	557	1084.6	1	1.9 61.63
## 1772	68.2	632	1231.5	1	1.9 61.70
## 1773	53.6	623	1237.5	0	0.0 61.62
## 1774	53.9	441	879.8	2	4.0 60.73
## 1775	109.1	406	820.5	4	8.1 60.67
## 1776	129.1	400	819.5	6	12.3 60.58
## 1777	99.0	405	834.9	3	6.2 60.82
## 1778	90.8	354	747.8	6	12.7 60.58
## 1779	120.8	338	704.2	5	10.4 60.72
## 1780	124.0	373	783.7	8	16.8 59.02
## 1781	116.7	363	743.1	3	6.1 59.45
## 1782	118.8	304	633.8	13	27.1 60.23
## 1783	152.0	4352	4625.0	6	6.4 62.72
## 1784	192.7	4680	4955.2	6	6.4 62.03
## 1785	191.0	4589	4842.7	4	4.2 61.98
## 1786	226.5	4652	4855.8	13	13.6 61.69
## 1787	140.1	4334	4531.1	9	9.4 61.27
## 1788	169.6	3891	4047.6	15	15.6 61.06
## 1789	146.3	3437	3565.9	19	19.7 61.77
## 1790	154.0	3138	3264.4	14	14.6 63.15
## 1791	104.3	2722	2810.6	6	6.2 63.08
## 1792	167.5	2549	2651.5	4	4.2 62.98
## 1793	111.0	2445	2400.8	6	5.9 62.84
## 1794	125.2	2493	2578.6	10	10.3 62.32
## 1795	135.5	2873	2949.0	5	5.1 63.08
## 1796	128.8	2166	2179.6	10	10.1 62.61
## 1797	114.2	2147	2113.1	5	4.9 62.71
## 1798	146.6	2665	2657.6	23	22.9 63.02
## 1799	146.6	2573	2565.7	10	10.0 63.06
## 1800	115.2	2336	2320.1	8	7.9 62.61
## 1801	134.9	2338	2301.4	20	19.7 63.13
## 1802	150.6	2405	2366.8	13	12.8 62.96
## 1803	118.6	2385	2357.7	14	13.8 62.60
## 1804	89.2	2300	2254.5	9	8.8 61.63
## 1805	113.4	2630	2571.6	14	13.7 61.70
## 1806	105.8	2793	2712.3	16	15.5 61.62
## 1807	98.8	2501	2398.6	11	10.5 60.73

## 1808	139.7	2149	2042.0	11	10.5 60.67
## 1809	152.6	1797	1713.5	15	14.3 60.58
## 1810	139.2	1820	1722.9	19	18.0 60.82
## 1811	154.9	1760	1704.2	10	9.7 60.58
## 1812	129.0	1735	1694.9	15	14.7 60.72
## 1813	167.4	1965	1934.4	30	29.5 59.02
## 1814	211.3	2006	1935.8	31	29.9 59.45
## 1815	173.1	2225	2104.8	21	19.9 60.23
## 1816	370.8	4929	2981.8	36	21.8 62.72
## 1817	327.9	4640	2796.6	29	17.5 62.03
## 1818	301.0	4710	2829.4	37	22.2 61.98
## 1819	327.0	4492	2642.3	62	36.5 61.69
## 1820	349.4	4437	2614.1	23	13.6 61.27
## 1821	310.9	4252	2522.5	29	17.2 61.06
## 1822	350.3	3956	2340.7	22	13.0 61.77
## 1823	373.2	4251	2522.0	42	24.9 63.15
## 1824	324.6	3664	2190.3	22	13.2 63.08
## 1825	233.6	3683	2211.4	25	15.0 62.98
## 1826	229.8	3562	2041.7	22	12.6 62.84
## 1827	201.6	3141	1763.9	14	7.9 62.32
## 1828	292.6	3581	1995.6	26	14.5 63.08
## 1829	322.8	3444	1910.2	42	23.3 62.61
## 1830	257.4	3438	1894.6	24	13.2 62.71
## 1831	306.5	3504	1924.9	35	19.2 63.02
## 1832	279.5	3407	1859.9	24	13.1 63.06
## 1833	248.7	3018	1649.8	38	20.8 62.61
## 1834	251.8	3211	1761.3	33	18.1 63.13
## 1835	244.5	3453	1896.8	57	31.3 62.96
## 1836	227.0	3432	1909.2	40	22.3 62.60
## 1837	182.7	3437	1874.9	36	19.6 61.63
## 1838	152.1	3664	1997.5	32	17.4 61.70
## 1839	161.7	3288	1808.5	19	10.5 61.62
## 1840	161.9	2969	1640.9	30	16.6 60.73
## 1841	169.3	2707	1507.1	23	12.8 60.67
## 1842	166.4	2347	1314.8	22	12.3 60.58
## 1843	161.4	2283	1274.7	30	16.7 60.82
## 1844	161.1	1979	1126.8	29	16.5 60.58
## 1845	145.6	1857	1048.3	25	14.1 60.72
## 1846	129.6	1697	964.7	36	20.5 59.02
## 1847	134.7	1508	829.1	36	19.8 59.45
## 1848	108.8	1525	821.6	22	11.9 60.23
## 1849	481.3	2221	3751.1	3	5.1 62.72
## 1850	501.4	2423	4077.1	3	5.0 62.03
## 1851	625.5	2499	4191.0	2	3.4 61.98
## 1852	496.9	2447	4026.3	4	6.6 61.69
## 1853	458.1	2071	3412.9	5	8.2 61.27
## 1854	459.0	2077	3392.5	8	13.1 61.06
## 1855	327.4	2119	3451.9	6	9.8 61.77
## 1856	217.2	1896	3096.8	9	14.7 63.15
## 1857	230.6	1933	3116.6	8	12.9 63.08
## 1858	177.7	1596	2602.2	7	11.4 62.98
## 1859	171.7	1664	2597.0	10	15.6 62.84
## 1860	159.3	1671	2634.9	7	11.0 62.32
## 1861	190.9	1770	2769.6	16	25.0 63.08

## 1862	210.9	1465	2288.5	16	25.0 62.61
## 1863	151.1	1359	2095.9	7	10.8 62.71
## 1864	136.4	1477	2263.9	7	10.7 63.02
## 1865	170.4	1705	2594.2	2	3.0 63.06
## 1866	164.4	1520	2292.5	8	12.1 62.61
## 1867	167.0	1503	2260.9	4	6.0 63.13
## 1868	116.2	1367	2063.5	3	4.5 62.96
## 1869	151.0	1198	1827.6	4	6.1 62.60
## 1870	162.1	1387	2101.5	9	13.6 61.63
## 1871	188.9	1305	1971.7	9	13.6 61.70
## 1872	80.8	1244	1897.3	1	1.5 61.62
## 1873	61.2	1169	1788.7	1	1.5 60.73
## 1874	167.0	982	1518.4	6	9.3 60.67
## 1875	174.8	1089	1699.9	2	3.1 60.58
## 1876	165.8	972	1506.3	4	6.2 60.82
## 1877	152.0	857	1356.8	3	4.7 60.58
## 1878	131.8	646	1013.5	4	6.3 60.72
## 1879	121.5	666	1051.3	2	3.2 59.02
## 1880	99.7	855	1310.8	2	3.1 59.45
## 1881	137.7	903	1366.3	2	3.0 60.23
## 1882	303.4	1232	2076.5	1	1.7 62.72
## 1883	351.0	1293	2171.4	2	3.4 62.03
## 1884	316.3	1163	1946.6	2	3.3 61.98
## 1885	353.9	1093	1799.3	7	11.5 61.69
## 1886	324.8	1095	1805.4	1	1.6 61.27
## 1887	267.0	1233	2032.2	2	3.3 61.06
## 1888	101.9	1088	1788.5	0	0.0 61.77
## 1889	319.8	1104	1819.7	4	6.6 63.15
## 1890	406.1	1128	1854.8	8	13.2 63.08
## 1891	318.7	929	1534.2	6	9.9 62.98
## 1892	328.5	905	1443.0	6	9.6 62.84
## 1893	318.9	765	1250.9	4	6.5 62.32
## 1894	345.6	910	1476.7	0	0.0 63.08
## 1895	301.8	831	1355.7	7	11.4 62.61
## 1896	138.7	688	1109.8	2	3.2 62.71
## 1897	154.2	812	1291.0	6	9.5 63.02
## 1898	151.9	977	1546.1	6	9.5 63.06
## 1899	201.5	875	1377.2	10	15.7 62.61
## 1900	189.1	792	1258.3	6	9.5 63.13
## 1901	95.3	709	1125.6	5	7.9 62.96
## 1902	149.5	791	1271.2	12	19.3 62.60
## 1903	151.2	770	1212.6	17	26.8 61.63
## 1904	122.8	892	1404.6	12	18.9 61.70
## 1905	112.9	811	1289.5	10	15.9 61.62
## 1906	95.0	625	990.0	6	9.5 60.73
## 1907	146.7	523	843.3	3	4.8 60.67
## 1908	157.4	498	808.3	3	4.9 60.58
## 1909	147.5	450	729.5	1	1.6 60.82
## 1910	137.8	377	625.9	2	3.3 60.58
## 1911	135.3	262	432.4	0	0.0 60.72
## 1912	146.9	283	467.1	2	3.3 59.02
## 1913	113.1	276	445.8	8	12.9 59.45
## 1914	145.4	350	571.6	10	16.3 60.23
## 1915	200.8	2425	2721.0	9	10.1 62.72

## 1916	220.2	2896	3237.4	12	13.4 62.03
## 1917	208.3	2773	3089.6	5	5.6 61.98
## 1918	194.0	2661	2900.2	11	12.0 61.69
## 1919	221.6	2499	2728.0	14	15.3 61.27
## 1920	197.2	2150	2316.4	8	8.6 61.06
## 1921	146.1	1920	2063.1	8	8.6 61.77
## 1922	146.5	2007	2162.4	9	9.7 63.15
## 1923	136.1	2066	2163.5	16	16.8 63.08
## 1924	114.6	1844	1939.3	6	6.3 62.98
## 1925	121.5	2030	2037.8	13	13.1 62.84
## 1926	148.0	1974	2101.4	13	13.8 62.32
## 1927	142.6	1885	1991.3	12	12.7 63.08
## 1928	153.9	2110	2239.0	17	18.0 62.61
## 1929	209.8	1985	2113.7	8	8.5 62.71
## 1930	181.9	2047	2177.8	7	7.4 63.02
## 1931	179.3	2102	2284.3	9	9.8 63.06
## 1932	175.1	1622	1753.4	10	10.8 62.61
## 1933	203.4	1823	2004.2	8	8.8 63.13
## 1934	153.4	1634	1790.3	15	16.4 62.96
## 1935	187.7	1797	1996.1	14	15.6 62.60
## 1936	149.7	1568	1664.7	15	15.9 61.63
## 1937	140.5	1711	1821.4	10	10.6 61.70
## 1938	164.9	1689	1819.9	20	21.5 61.62
## 1939	121.3	1492	1616.4	11	11.9 60.73
## 1940	222.0	1441	1575.6	15	16.4 60.67
## 1941	177.0	1463	1618.6	8	8.9 60.58
## 1942	208.8	1306	1442.8	8	8.8 60.82
## 1943	195.4	1311	1480.6	8	9.0 60.58
## 1944	188.5	1058	1187.2	12	13.5 60.72
## 1945	192.3	1177	1323.5	16	18.0 59.02
## 1946	208.3	1041	1141.1	18	19.7 59.45
## 1947	169.5	1322	1446.0	15	16.4 60.23
## 1948	442.5	34274	3917.6	647	74.0 62.72
## 1949	447.9	33185	3779.1	774	88.1 62.03
## 1950	422.4	30553	3467.7	619	70.3 61.98
## 1951	433.4	28887	3260.1	678	76.5 61.69
## 1952	410.5	27534	3112.2	660	74.6 61.27
## 1953	402.6	27429	3091.3	654	73.7 61.06
## 1954	362.7	26259	2951.5	553	62.2 61.77
## 1955	354.6	25455	2868.8	509	57.4 63.15
## 1956	333.4	22983	2559.1	421	46.9 63.08
## 1957	304.8	19970	2221.4	430	47.8 62.98
## 1958	277.9	19410	2055.3	430	45.5 62.84
## 1959	301.5	18802	2032.3	381	41.2 62.32
## 1960	276.2	17373	1863.5	379	40.7 63.08
## 1961	278.6	16882	1798.1	409	43.6 62.61
## 1962	276.1	16021	1700.5	326	34.6 62.71
## 1963	280.6	14697	1557.2	376	39.8 63.02
## 1964	293.4	14910	1580.6	406	43.0 63.06
## 1965	260.8	14308	1506.0	303	31.9 62.61
## 1966	253.0	14309	1499.5	319	33.4 63.13
## 1967	259.4	14154	1479.2	317	33.1 62.96
## 1968	259.1	12935	1364.0	347	36.6 62.60
## 1969	268.2	13726	1439.7	346	36.3 61.63

## 1970	254.7	12592	1310.2	340	35.4 61.70
## 1971	226.8	11943	1235.7	284	29.4 61.62
## 1972	220.4	9957	1021.3	270	27.7 60.73
## 1973	220.0	10092	1033.7	306	31.3 60.67
## 1974	217.0	10427	1069.3	330	33.8 60.58
## 1975	199.1	9627	981.5	295	30.1 60.82
## 1976	173.7	8170	845.7	203	21.0 60.58
## 1977	169.3	8031	832.7	185	19.2 60.72
## 1978	164.4	8724	905.7	230	23.9 59.02
## 1979	153.2	7765	782.3	220	22.2 59.45
## 1980	167.7	9516	951.6	243	24.3 60.23
## 1981	498.7	1142	2686.6	5	11.8 62.72
## 1982	520.4	998	2339.3	3	7.0 62.03
## 1983	441.5	990	2312.9	8	18.7 61.98
## 1984	439.4	959	2194.6	4	9.2 61.69
## 1985	391.9	881	2019.3	2	4.6 61.27
## 1986	313.8	1008	2292.4	3	6.8 61.06
## 1987	276.7	986	2236.5	6	13.6 61.77
## 1988	259.3	937	2131.0	5	11.4 63.15
## 1989	241.7	1058	2367.4	3	6.7 63.08
## 1990	238.1	918	2081.6	3	6.8 62.98
## 1991	245.2	1011	2193.9	5	10.8 62.84
## 1992	234.5	1083	2489.4	4	9.2 62.32
## 1993	164.2	1073	2447.6	2	4.6 63.08
## 1994	185.0	926	2141.6	2	4.6 62.61
## 1995	134.8	623	1448.3	3	7.0 62.71
## 1996	192.8	621	1442.6	1	2.3 63.02
## 1997	233.6	653	1525.5	6	14.0 63.06
## 1998	127.4	587	1385.0	2	4.7 62.61
## 1999	124.6	495	1185.9	9	21.6 63.13
## 2000	113.4	453	1092.8	8	19.3 62.96
## 2001	81.0	443	1087.3	6	14.7 62.60
## 2002	87.4	491	1159.6	2	4.7 61.63
## 2003	120.9	501	1188.0	2	4.7 61.70
## 2004	97.9	469	1120.0	6	14.3 61.62
## 2005	86.8	344	829.8	3	7.2 60.73
## 2006	141.9	364	890.3	5	12.2 60.67
## 2007	118.4	279	688.4	1	2.5 60.58
## 2008	174.6	275	676.2	5	12.3 60.82
## 2009	159.5	270	683.4	3	7.6 60.58
## 2010	116.1	211	532.6	1	2.5 60.72
## 2011	114.3	259	658.0	2	5.1 59.02
## 2012	129.3	210	522.0	0	0.0 59.45
## 2013	122.3	221	540.5	3	7.3 60.23
## 2014	149.1	473	2073.7	2	8.8 62.72
## 2015	249.0	621	2712.5	1	4.4 62.03
## 2016	291.7	481	2094.0	2	8.7 61.98
## 2017	252.8	494	2116.6	2	8.6 61.69
## 2018	223.2	556	2386.1	2	8.6 61.27
## 2019	251.4	491	2057.2	2	8.4 61.06
## 2020	125.4	467	1951.5	1	4.2 61.77
## 2021	146.7	452	1893.9	0	0.0 63.15
## 2022	91.0	407	1682.7	1	4.1 63.08
## 2023	132.1	409	1688.0	0	0.0 62.98

##	2024	101.5	322	1257.4	1	3.9 62.84
##	2025	77.0	329	1333.8	0	0.0 62.32
##	2026	120.7	359	1444.3	1	4.0 63.08
##	2027	122.1	330	1343.4	0	0.0 62.61
##	2028	121.1	296	1195.1	2	8.1 62.71
##	2029	76.9	283	1145.6	0	0.0 63.02
##	2030	92.7	350	1410.0	1	4.0 63.06
##	2031	52.7	324	1312.9	0	0.0 62.61
##	2032	61.1	269	1096.1	1	4.1 63.13
##	2033	44.7	339	1376.1	0	0.0 62.96
##	2034	74.4	456	1885.7	1	4.1 62.60
##	2035	51.1	397	1559.2	0	0.0 61.63
##	2036	78.2	408	1594.3	2	7.8 61.70
##	2037	55.2	399	1572.4	0	0.0 61.62
##	2038	71.6	303	1205.0	3	11.9 60.73
##	2039	99.5	274	1090.7	1	4.0 60.67
##	2040	68.5	303	1220.6	2	8.1 60.58
##	2041	104.4	233	935.4	2	8.0 60.82
##	2042	69.6	228	933.3	1	4.1 60.58
##	2043	93.3	164	665.6	0	0.0 60.72
##	2044	64.8	205	829.8	3	12.1 59.02
##	2045	134.0	149	587.4	1	3.9 59.45
##	2046	113.4	157	635.6	1	4.0 60.23
##	Unemployment		pop_group			
##	1	5.35	4			
##	2	7.31	4			
##	3	8.68	4			
##	4	7.92	4			
##	5	6.92	4			
##	6	6.33	4			
##	7	6.26	4			
##	8	6.40	4			
##	9	5.60	4			
##	10	5.18	4			
##	11	4.51	4			
##	12	4.88	4			
##	13	6.20	4			
##	14	6.40	4			
##	15	5.79	4			
##	16	4.96	4			
##	17	4.53	4			
##	18	4.43	4			
##	19	5.41	4			
##	20	8.37	4			
##	21	8.72	4			
##	22	8.36	4			
##	23	8.62	4			
##	24	7.79	4			
##	25	6.29	4			
##	26	5.23	4			
##	27	4.88	4			
##	28	4.63	4			
##	29	4.10	4			
##	30	3.85	4			

## 31	9.85	4
## 32	7.02	4
## 33	4.25	4
## 34	5.35	1
## 35	7.31	1
## 36	8.68	1
## 37	7.92	1
## 38	6.92	1
## 39	6.33	1
## 40	6.26	1
## 41	6.40	1
## 42	5.60	1
## 43	5.18	1
## 44	4.51	1
## 45	4.88	1
## 46	6.20	1
## 47	6.40	1
## 48	5.79	1
## 49	4.96	1
## 50	4.53	1
## 51	4.43	1
## 52	5.41	1
## 53	8.37	1
## 54	8.72	1
## 55	8.36	1
## 56	8.62	1
## 57	7.79	1
## 58	6.29	1
## 59	5.23	1
## 60	4.88	1
## 61	4.63	1
## 62	4.10	1
## 63	3.85	1
## 64	9.85	1
## 65	7.02	1
## 66	4.25	1
## 67	5.35	4
## 68	7.31	4
## 69	8.68	4
## 70	7.92	4
## 71	6.92	4
## 72	6.33	4
## 73	6.26	4
## 74	6.40	4
## 75	5.60	4
## 76	5.18	4
## 77	4.51	4
## 78	4.88	4
## 79	6.20	4
## 80	6.40	4
## 81	5.79	4
## 82	4.96	4
## 83	4.53	4
## 84	4.43	4

## 85	5.41	4
## 86	8.37	4
## 87	8.72	4
## 88	8.36	4
## 89	8.62	4
## 90	7.79	4
## 91	6.29	4
## 92	5.23	4
## 93	4.88	4
## 94	4.63	4
## 95	4.10	4
## 96	3.85	4
## 97	9.85	4
## 98	7.02	4
## 99	4.25	4
## 100	5.35	3
## 101	7.31	3
## 102	8.68	3
## 103	7.92	3
## 104	6.92	3
## 105	6.33	3
## 106	6.26	3
## 107	6.40	3
## 108	5.60	3
## 109	5.18	3
## 110	4.51	3
## 111	4.88	3
## 112	6.20	3
## 113	6.40	3
## 114	5.79	3
## 115	4.96	3
## 116	4.53	3
## 117	4.43	3
## 118	5.41	3
## 119	8.37	3
## 120	8.72	3
## 121	8.36	3
## 122	8.62	3
## 123	7.79	3
## 124	6.29	3
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## 126	4.88	3
## 127	4.63	3
## 128	4.10	3
## 129	3.85	3
## 130	9.85	3
## 131	7.02	3
## 132	4.25	3
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## 134	7.31	2
## 135	8.68	2
## 136	7.92	2
## 137	6.92	2
## 138	6.33	2

## 139	6.26	2
## 140	6.40	2
## 141	5.60	2
## 142	5.18	2
## 143	4.51	2
## 144	4.88	2
## 145	6.20	2
## 146	6.40	2
## 147	5.79	2
## 148	4.96	2
## 149	4.53	2
## 150	4.43	2
## 151	5.41	2
## 152	8.37	2
## 153	8.72	2
## 154	8.36	2
## 155	8.62	2
## 156	7.79	2
## 157	6.29	2
## 158	5.23	2
## 159	4.88	2
## 160	4.63	2
## 161	4.10	2
## 162	3.85	2
## 163	9.85	2
## 164	7.02	2
## 165	4.25	2
## 166	5.35	2
## 167	7.31	2
## 168	8.68	2
## 169	7.92	2
## 170	6.92	2
## 171	6.33	2
## 172	6.26	2
## 173	6.40	2
## 174	5.60	2
## 175	5.18	2
## 176	4.51	2
## 177	4.88	2
## 178	6.20	2
## 179	6.40	2
## 180	5.79	2
## 181	4.96	2
## 182	4.53	2
## 183	4.43	2
## 184	5.41	2
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## 186	8.72	2
## 187	8.36	2
## 188	8.62	2
## 189	7.79	2
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## 191	5.23	2
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## 193	4.63	2
## 194	4.10	2
## 195	3.85	2
## 196	9.85	2
## 197	7.02	2
## 198	4.25	2
## 199	5.35	3
## 200	7.31	3
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## 206	6.40	3
## 207	5.60	3
## 208	5.18	3
## 209	4.51	3
## 210	4.88	3
## 211	6.20	3
## 212	6.40	3
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## 214	4.96	3
## 215	4.53	3
## 216	4.43	3
## 217	5.41	3
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## 225	4.88	3
## 226	4.63	3
## 227	4.10	3
## 228	3.85	3
## 229	9.85	3
## 230	7.02	3
## 231	4.25	3
## 232	5.35	2
## 233	7.31	2
## 234	8.68	2
## 235	7.92	2
## 236	6.92	2
## 237	6.33	2
## 238	6.26	2
## 239	6.40	2
## 240	5.60	2
## 241	5.18	2
## 242	4.51	2
## 243	4.88	2
## 244	6.20	2
## 245	6.40	2
## 246	5.79	2

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## 248	4.53	2
## 249	4.43	2
## 250	5.41	2
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## 253	8.36	2
## 254	8.62	2
## 255	7.79	2
## 256	6.29	2
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## 258	4.88	2
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## 260	4.10	2
## 261	3.85	2
## 262	9.85	2
## 263	7.02	2
## 264	4.25	2
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## 267	8.68	1
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## 269	6.92	1
## 270	6.33	1
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## 272	6.40	1
## 273	5.60	1
## 274	5.18	1
## 275	4.51	1
## 276	4.88	1
## 277	6.20	1
## 278	6.40	1
## 279	5.79	1
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## 282	4.43	1
## 283	5.41	1
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## 294	3.85	1
## 295	9.85	1
## 296	7.02	1
## 297	4.25	1
## 298	5.35	2
## 299	7.31	2
## 300	8.68	2

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## 303	6.33	2
## 304	6.26	2
## 305	6.40	2
## 306	5.60	2
## 307	5.18	2
## 308	4.51	2
## 309	4.88	2
## 310	6.20	2
## 311	6.40	2
## 312	5.79	2
## 313	4.96	2
## 314	4.53	2
## 315	4.43	2
## 316	5.41	2
## 317	8.37	2
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## 319	8.36	2
## 320	8.62	2
## 321	7.79	2
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## 323	5.23	2
## 324	4.88	2
## 325	4.63	2
## 326	4.10	2
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## 328	9.85	2
## 329	7.02	2
## 330	4.25	2
## 331	5.35	2
## 332	7.31	2
## 333	8.68	2
## 334	7.92	2
## 335	6.92	2
## 336	6.33	2
## 337	6.26	2
## 338	6.40	2
## 339	5.60	2
## 340	5.18	2
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## 343	6.20	2
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## 348	4.43	2
## 349	5.41	2
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## 351	8.72	2
## 352	8.36	2
## 353	8.62	2
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## 1869	8.72	2
## 1870	8.36	2
## 1871	8.62	2
## 1872	7.79	2
## 1873	6.29	2
## 1874	5.23	2
## 1875	4.88	2
## 1876	4.63	2
## 1877	4.10	2
## 1878	3.85	2
## 1879	9.85	2
## 1880	7.02	2
## 1881	4.25	2
## 1882	5.35	2
## 1883	7.31	2
## 1884	8.68	2
## 1885	7.92	2
## 1886	6.92	2
## 1887	6.33	2
## 1888	6.26	2
## 1889	6.40	2
## 1890	5.60	2
## 1891	5.18	2
## 1892	4.51	2
## 1893	4.88	2
## 1894	6.20	2
## 1895	6.40	2
## 1896	5.79	2
## 1897	4.96	2
## 1898	4.53	2
## 1899	4.43	2
## 1900	5.41	2
## 1901	8.37	2
## 1902	8.72	2
## 1903	8.36	2
## 1904	8.62	2
## 1905	7.79	2
## 1906	6.29	2
## 1907	5.23	2
## 1908	4.88	2
## 1909	4.63	2
## 1910	4.10	2
## 1911	3.85	2
## 1912	9.85	2
## 1913	7.02	2
## 1914	4.25	2
## 1915	5.35	3
## 1916	7.31	3
## 1917	8.68	3
## 1918	7.92	3
## 1919	6.92	3
## 1920	6.33	3

## 1921	6.26	3
## 1922	6.40	3
## 1923	5.60	3
## 1924	5.18	3
## 1925	4.51	3
## 1926	4.88	3
## 1927	6.20	3
## 1928	6.40	3
## 1929	5.79	3
## 1930	4.96	3
## 1931	4.53	3
## 1932	4.43	3
## 1933	5.41	3
## 1934	8.37	3
## 1935	8.72	3
## 1936	8.36	3
## 1937	8.62	3
## 1938	7.79	3
## 1939	6.29	3
## 1940	5.23	3
## 1941	4.88	3
## 1942	4.63	3
## 1943	4.10	3
## 1944	3.85	3
## 1945	9.85	3
## 1946	7.02	3
## 1947	4.25	3
## 1948	5.35	4
## 1949	7.31	4
## 1950	8.68	4
## 1951	7.92	4
## 1952	6.92	4
## 1953	6.33	4
## 1954	6.26	4
## 1955	6.40	4
## 1956	5.60	4
## 1957	5.18	4
## 1958	4.51	4
## 1959	4.88	4
## 1960	6.20	4
## 1961	6.40	4
## 1962	5.79	4
## 1963	4.96	4
## 1964	4.53	4
## 1965	4.43	4
## 1966	5.41	4
## 1967	8.37	4
## 1968	8.72	4
## 1969	8.36	4
## 1970	8.62	4
## 1971	7.79	4
## 1972	6.29	4
## 1973	5.23	4
## 1974	4.88	4

## 1975	4.63	4
## 1976	4.10	4
## 1977	3.85	4
## 1978	9.85	4
## 1979	7.02	4
## 1980	4.25	4
## 1981	5.35	1
## 1982	7.31	1
## 1983	8.68	1
## 1984	7.92	1
## 1985	6.92	1
## 1986	6.33	1
## 1987	6.26	1
## 1988	6.40	1
## 1989	5.60	1
## 1990	5.18	1
## 1991	4.51	1
## 1992	4.88	1
## 1993	6.20	1
## 1994	6.40	1
## 1995	5.79	1
## 1996	4.96	1
## 1997	4.53	1
## 1998	4.43	1
## 1999	5.41	1
## 2000	8.37	1
## 2001	8.72	1
## 2002	8.36	1
## 2003	8.62	1
## 2004	7.79	1
## 2005	6.29	1
## 2006	5.23	1
## 2007	4.88	1
## 2008	4.63	1
## 2009	4.10	1
## 2010	3.85	1
## 2011	9.85	1
## 2012	7.02	1
## 2013	4.25	1
## 2014	5.35	1
## 2015	7.31	1
## 2016	8.68	1
## 2017	7.92	1
## 2018	6.92	1
## 2019	6.33	1
## 2020	6.26	1
## 2021	6.40	1
## 2022	5.60	1
## 2023	5.18	1
## 2024	4.51	1
## 2025	4.88	1
## 2026	6.20	1
## 2027	6.40	1
## 2028	5.79	1

```
## 2029      4.96      1
## 2030      4.53      1
## 2031      4.43      1
## 2032      5.41      1
## 2033      8.37      1
## 2034      8.72      1
## 2035      8.36      1
## 2036      8.62      1
## 2037      7.79      1
## 2038      6.29      1
## 2039      5.23      1
## 2040      4.88      1
## 2041      4.63      1
## 2042      4.10      1
## 2043      3.85      1
## 2044      9.85      1
## 2045      7.02      1
## 2046      4.25      1
```

```
pop_groups <- unique(merged_data$pop_group)

# Create an empty list to store regression models
regression_models <- list()

# Iterate through each population group and fit a linear regression model
for (group in pop_groups) {
  subset_data <- filter(merged_data, pop_group == group)
  model <- lm(Index_Count ~ Unemployment + Labor, data = subset_data)
  regression_models[[group]] <- model

  # Print summary for each model with the corresponding group
  cat("Summary for", group, "\n")
  print(summary(model))
  cat("\n")
}
```

```
## Summary for 4 :
##
## Call:
## lm(formula = Index_Count ~ Unemployment + Labor, data = subset_data)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -34143 -20499 -10133   9306 185815
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) -207472.5    80516.3  -2.577  0.01024 *
## Unemployment   2081.6      914.7   2.276  0.02327 *
## Labor         3640.1     1287.3   2.828  0.00487 **
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 33060 on 525 degrees of freedom
```



```

## Multiple R-squared:  0.02189,    Adjusted R-squared:  0.01817
## F-statistic: 5.876 on 2 and 525 DF,  p-value: 0.002994
##
##
## Summary for 1 :
##
## Call:
## lm(formula = Index_Count ~ Unemployment + Labor, data = subset_data)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -838.83 -286.02  -16.33   245.29 1536.87
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -5395.31     952.10  -5.667 2.40e-08 ***
## Unemployment    33.77       10.82   3.122  0.0019 **
## Labor          95.34       15.22   6.263 7.87e-10 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 390.9 on 525 degrees of freedom
## Multiple R-squared:  0.07861,    Adjusted R-squared:  0.0751
## F-statistic: 22.4 on 2 and 525 DF,  p-value: 4.641e-10
##
##
## Summary for 3 :
##
## Call:
## lm(formula = Index_Count ~ Unemployment + Labor, data = subset_data)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -3269.6 -1309.4  -532.4   1148.8   6437.0
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) -19919.43     4641.83  -4.291 2.14e-05 ***
## Unemployment   157.92       52.74   2.994  0.00289 **
## Labor         362.62       74.22   4.886 1.39e-06 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1845 on 492 degrees of freedom
## Multiple R-squared:  0.05684,    Adjusted R-squared:  0.05301
## F-statistic: 14.83 on 2 and 492 DF,  p-value: 5.594e-07
##
##
## Summary for 2 :
##
## Call:
## lm(formula = Index_Count ~ Unemployment + Labor, data = subset_data)
##
## Residuals:

```

```
##      Min      1Q   Median      3Q      Max
## -1351.04 -375.25  -82.75   263.73  2566.53
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) -12736.03    1505.71  -8.459 3.11e-16 ***
## Unemployment    70.79      17.11   4.138 4.12e-05 ***
## Labor        223.15      24.07   9.269 < 2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 598.6 on 492 degrees of freedom
## Multiple R-squared:  0.1618, Adjusted R-squared:  0.1584
## F-statistic: 47.48 on 2 and 492 DF,  p-value: < 2.2e-16
```

```
count_by_pop_group <- table(results$pop_group)
print(count_by_pop_group)
```

```
##
##  1  2  3  4
## 16 15 15 16
```

- 2) The second question I'm trying to answer is if the population of a county affects the ability to predict crime based on Unemployment and Labor force through regression. After separating the county's of New York into four groups based on population I then ran a linear regression model for each. All of the pop groups indicated that Unemployment and Labor had a statistically significant association with Index_Count. But only group two had an R-Squared Value that indicated the results moderately explained the variability in the response. The rest had R-Squared values that explained a relatively low proportion of the variability. And there was an even distribution in all of the population groups so not as to skew the results. This shows me that there was some affect on predicting crime when group county's into population groups.

```
ny_violent <- lm(Violent.Count ~ Unemployment + Labor + Population, data = yearly_crime_n_raw)
ny_property <- lm(Property.Count ~ Unemployment + Labor + Population, data = yearly_crime_n_raw)

ny_all <- lm(Index_Count ~ Unemployment + Labor + Population, data = yearly_crime_n_raw)

summary(ny_violent)
```

```
##
## Call:
## lm(formula = Violent.Count ~ Unemployment + Labor + Population,
##     data = yearly_crime_n_raw)
##
## Residuals:
##      Min      1Q  Median      3Q      Max
##    -9302    -313     144     422    46040
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) -1.175e+04  4.331e+03  -2.713  0.00673 **
## Unemployment  1.128e+02  4.920e+01   2.293  0.02193 *
```

```
## Labor          1.679e+02  6.924e+01  2.425  0.01540 *
## Population     7.681e-03  1.487e-04  51.640  < 2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 3500 on 2042 degrees of freedom
## Multiple R-squared:  0.567, Adjusted R-squared:  0.5664
## F-statistic: 891.4 on 3 and 2042 DF, p-value: < 2.2e-16
```

```
summary(ny_property)
```

```
##
## Call:
## lm(formula = Property.Count ~ Unemployment + Labor + Population,
##     data = yearly_crime_n_raw)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -33089  -1392   -464    1066  135896
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) -6.878e+04  1.196e+04  -5.751 1.02e-08 ***
## Unemployment  5.260e+02  1.359e+02   3.872 0.000111 ***
## Labor        1.058e+03  1.912e+02   5.534 3.52e-08 ***
## Population    2.493e-02  4.107e-04  60.694 < 2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 9665 on 2042 degrees of freedom
## Multiple R-squared:  0.6455, Adjusted R-squared:  0.645
## F-statistic: 1240 on 3 and 2042 DF, p-value: < 2.2e-16
```

```
summary(ny_all)
```

```
##
## Call:
## lm(formula = Index_Count ~ Unemployment + Labor + Population,
##     data = yearly_crime_n_raw)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -40994  -1467   -382    1285  169526
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) -8.053e+04  1.547e+04  -5.204 2.14e-07 ***
## Unemployment  6.388e+02  1.758e+02   3.635 0.000285 ***
## Labor        1.226e+03  2.474e+02   4.956 7.77e-07 ***
## Population    3.261e-02  5.314e-04  61.367 < 2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
```

```
## Residual standard error: 12500 on 2042 degrees of freedom
## Multiple R-squared:  0.6501, Adjusted R-squared:  0.6496
## F-statistic: 1265 on 3 and 2042 DF,  p-value: < 2.2e-16
```

- 3) The last question that I wanted to answer is if labor force/unemployment can predict certain types of crime better than crime overall. When I test a regression method on violent crime in New York the results were rather lack luster and it was not a good fit. But when I attempted to predict Property crime unemployment and labor force were statistically significant. Though these two values don't explain the variability I believe that the different counties would. But in the end the regression was able to predict overall crime better. When I added population into the mix though it changed the results remarkably. Both Property crime and overall crime had very similar coefficients. But both models were able to account for roughly 65% of the variability in the data. Which immense compared to before. This will help me understand the relationship between socio economic factors, population, and crime better.