

Time Series

Time series data originates as measurements usually taken from some process over equally spaced intervals of time.

DEFINITION

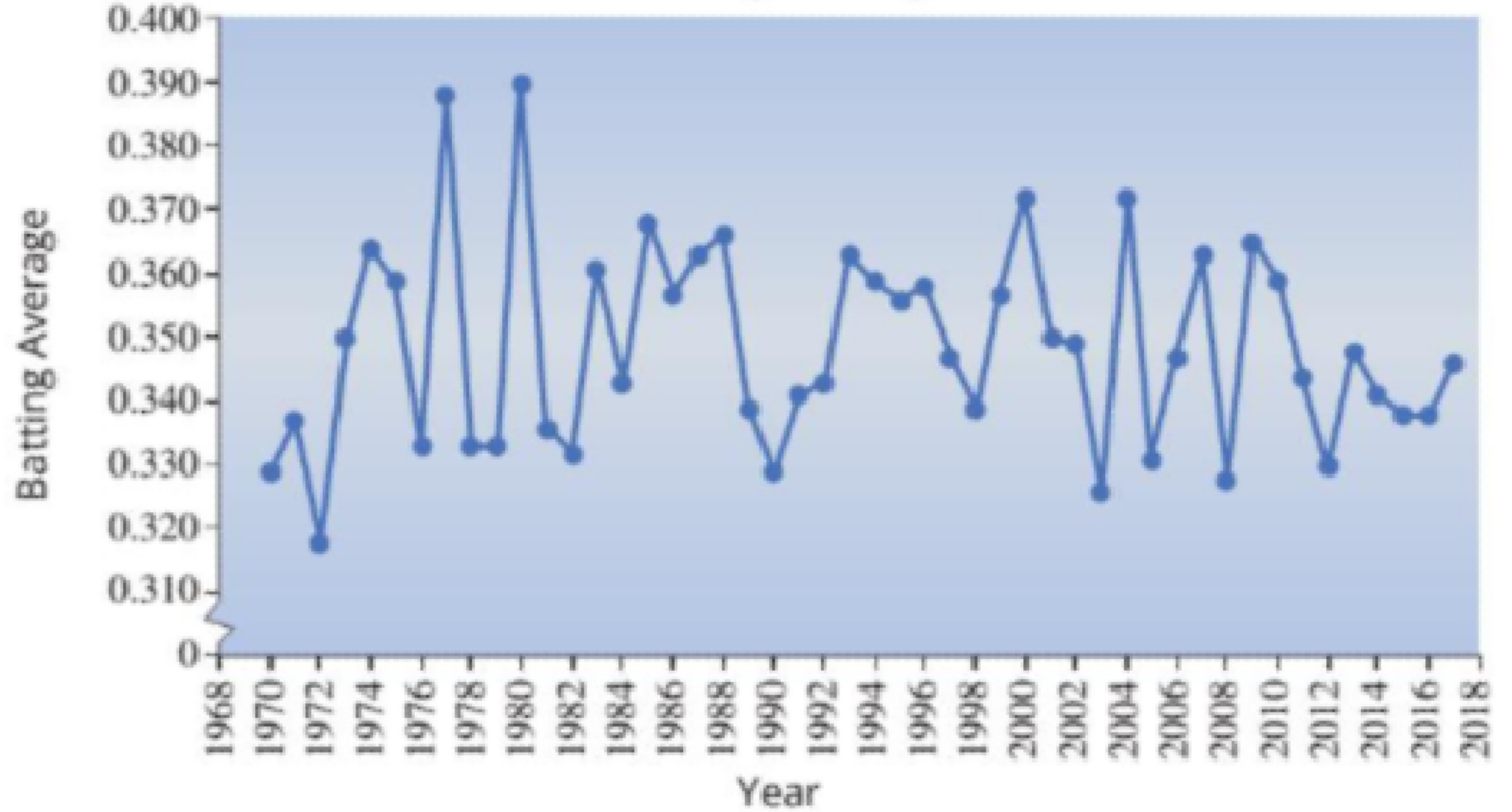
American League Batting Champions Batting Average

Year	Player	BA	Year	Player	BA
1970	Alex Johnson	0.329	1994	Paul O'Neill	0.359
1971	Tony Oliva	0.337	1995	Edgar Martinez	0.356
1972	Rod Carew	0.318	1996	Alex Rodriguez	0.358
1973	Rod Carew	0.350	1997	Frank Thomas	0.347
1974	Rod Carew	0.364	1998	Bernie Williams	0.339
1975	Rod Carew	0.359	1999	Nomar Garciaparra	0.357
1976	George Brett	0.333	2000	Nomar Garciaparra	0.372
1977	Rod Carew	0.388	2001	Ichiro Suzuki	0.350
1978	Rod Carew	0.333	2002	Manny Ramirez	0.349
1979	Fred Lynn	0.333	2003	Bill Mueller	0.326
1980	George Brett	0.390	2004	Ichiro Suzuki	0.372
1981	Carney Lansford	0.336	2005	Michael Young	0.331
1982	Willie Wilson	0.332	2006	Joe Mauer	0.347
1983	Wade Boggs	0.361	2007	Magglio Ordóñez	0.363
1984	Don Mattingly	0.343	2008	Joe Mauer	0.328
1985	Wade Boggs	0.368	2009	Joe Mauer	0.365
1986	Wade Boggs	0.357	2010	Josh Hamilton	0.359
1987	Wade Boggs	0.363	2011	Miguel Cabrera	0.344
1988	Wade Boggs	0.366	2012	Miguel Cabrera	0.330
1989	Kirby Puckett	0.339	2013	Miguel Cabrera	0.348
1990	George Brett	0.329	2014	José Altuve	0.341
1991	Julio Franco	0.341	2015	Miguel Cabrera	0.338
1992	Edgar Martinez	0.343	2016	José Altuve	0.338
1993	John Olerud	0.363	2017	José Altuve	0.346

American League Batting Champions Batting Average

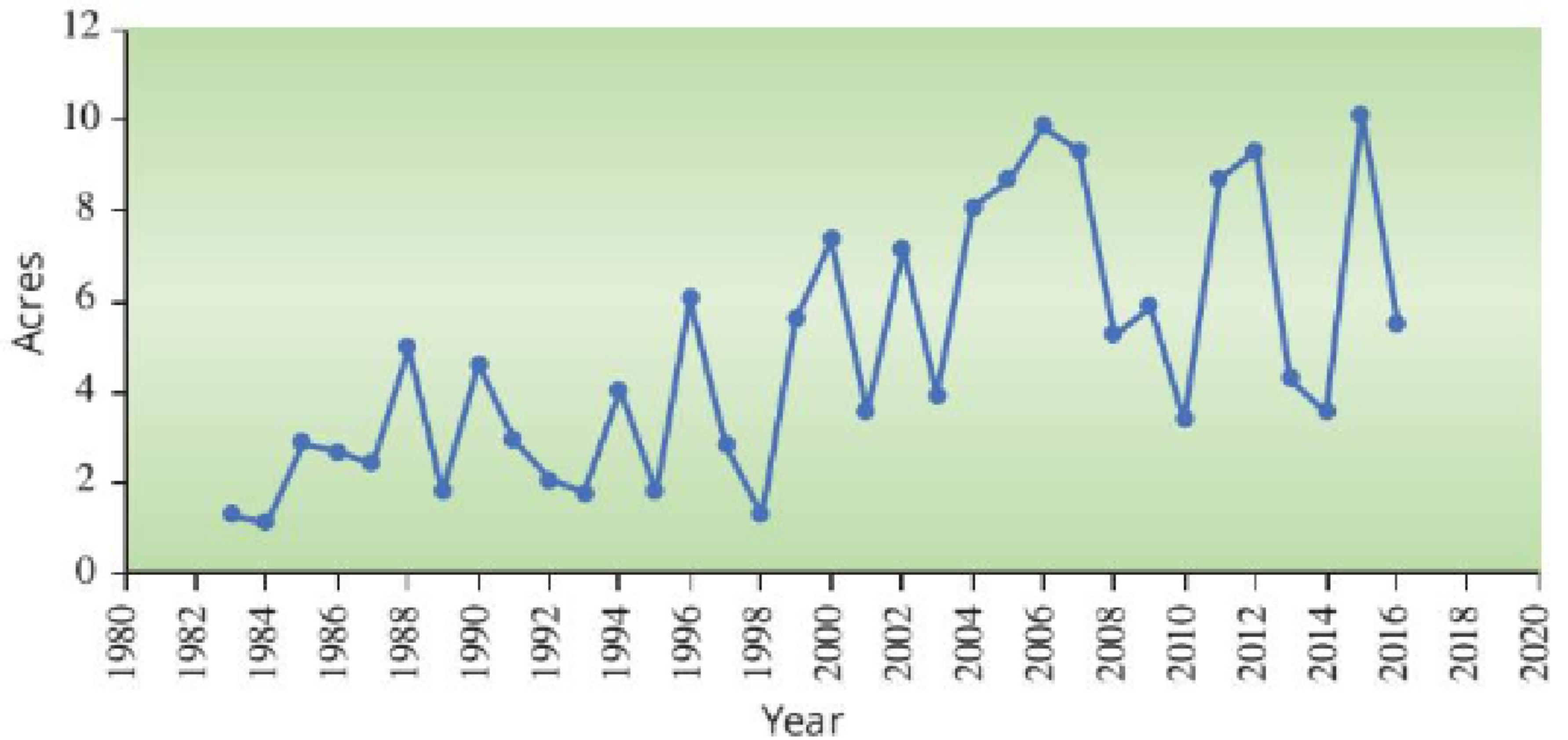
Year	Player	BA	Year	Player	BA
1970	Alex Johnson	0.328			
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American League Batting Champions Batting Average



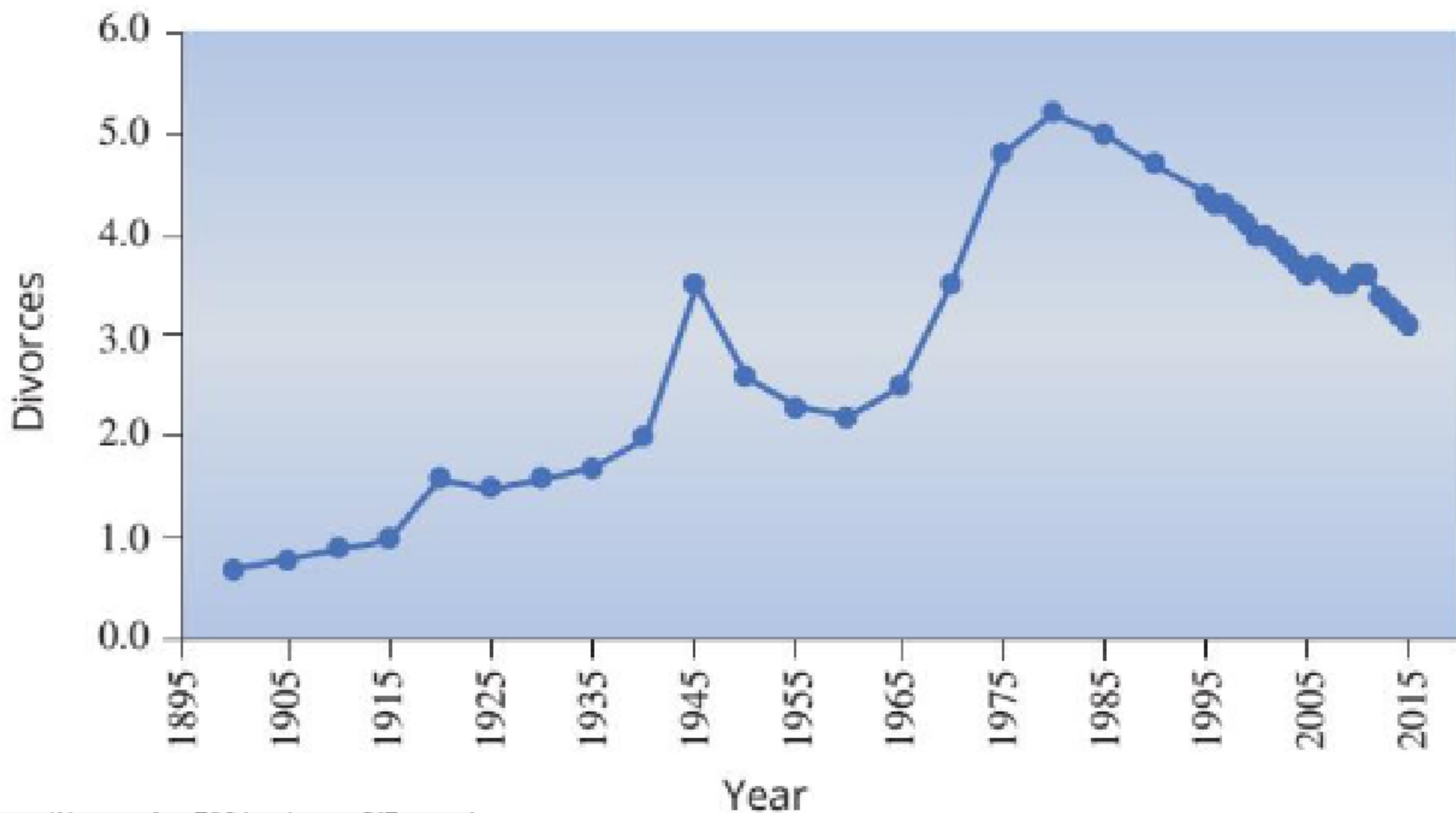
Acres Burned by Wildfires

Year	Acres	Year	Acres
1983	1,323,666	2000	7,393,493
1984	1,148,409	2001	3,570,911
1985	2,896,147	2002	7,184,712
1986	2,719,162	2003	3,960,842
1987	2,447,296	2004	8,097,880
1988	5,009,290	2005	8,689,389
1989	1,827,310	2006	9,873,745
1990	4,621,621	2007	9,328,045
1991	2,953,578	2008	5,292,468
1992	2,069,929	2009	5,921,786
1993	1,797,574	2010	3,422,724
1994	4,073,579	2011	8,711,367
1995	1,840,546	2012	9,326,238
1996	6,065,998	2013	4,319,546
1997	2,856,959	2014	3,595,613
1998	1,329,704	2015	10,125,149
1999	5,626,093	2016	5,509,995



1997	2,830,757	2014	3,595,015
1998	1,329,704	2015	10,125,149
1999	5,626,093	2016	5,509,995

Divorces per 1000 People



190

Year

1900

1905

1910

1915

1920

1925

1930

1935

1940

1945

1950

1955

1960

1965

1970

1975

1980

1985

1990

1995

Divorces

Year

4.4

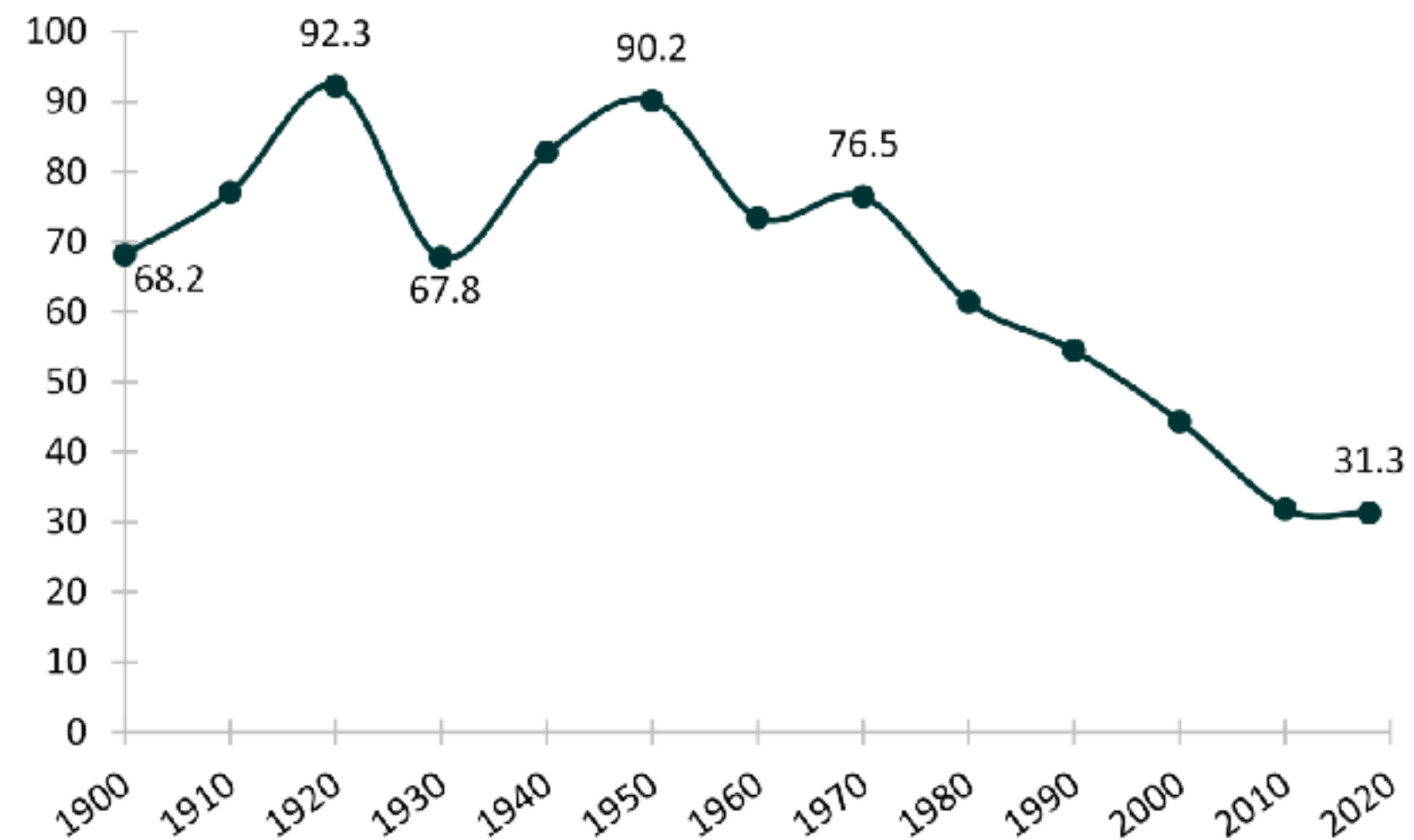
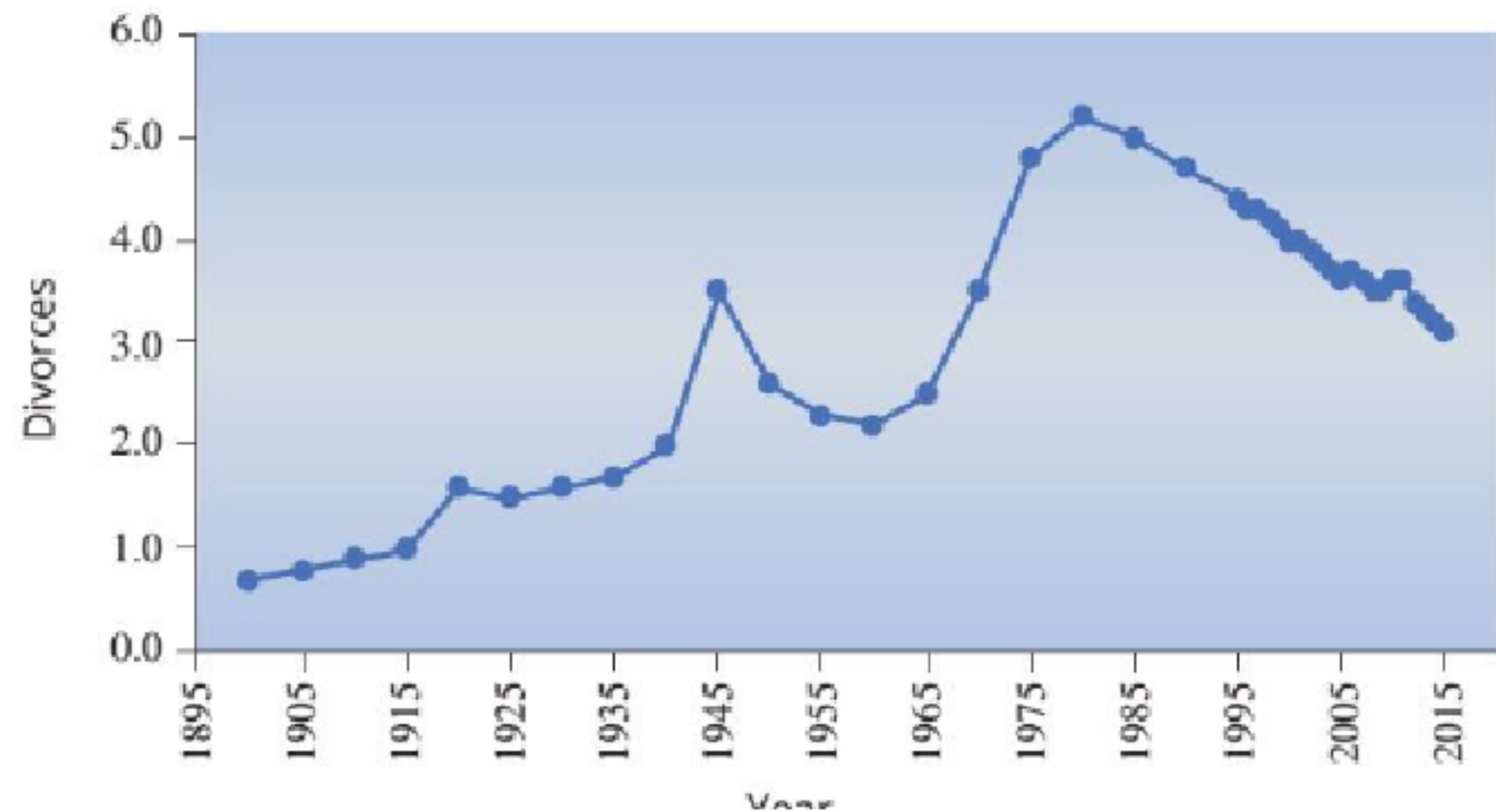
2015

3.1

**Table 2.3.1 - Divorce Rate in the U.S.
1900-2015 (per 1000 Total Population)**

Year	Divorce Rate	Year	Divorce Rate
1900	0.7	1996	4.3
1905	0.8	1997	4.3
1910	0.9	1998	4.2
1915	1.0	1999	4.1
1920	1.6	2000	4.0
1925	1.5	2001	4.0
1930	1.6	2002	3.9
1935	1.7	2003	3.8
1940	2.0	2004	3.7
1945	3.5	2005	3.6
1950	2.6	2006	3.7
1955	2.3	2007	3.6
1960	2.2	2008	3.5
1965	2.5	2009	3.5
1970	3.5	2010	3.6
1975	4.8	2011	3.6
1980	5.2	2012	3.4
1985	5.0	2013	3.3
1990	4.7	2014	3.2
1995	4.4	2015	3.1

Divorces per 1000 People



Cross-Sectional Data

Cross-Sectional Data

Cross-sectional data are measurements created at approximately the same period of time.

DEFINITION

**Table 2.3.3 - CO₂ Emissions per Capita by State
(in metric tons) 2014**

State	CO ₂ Emissions per Capita	State	CO ₂ Emissions per Capita
Wyoming	111.55	Colorado	16.95
North Dakota	74.81	Michigan	16.31
West Virginia	52.47	Tennessee	15.69
Alaska	47.17	South Carolina	15.39
Louisiana	44.50	Delaware	14.24
Montana	31.51	Arizona	13.79
Kentucky	31.19	Georgia	13.76
Indiana	30.81	Nevada	13.02
Nebraska	27.51	Hawaii	12.82
Oklahoma	26.92	New Jersey	12.78
Iowa	26.78	North Carolina	12.64

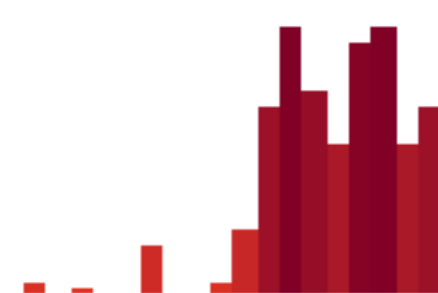
Texas	26.29	Maine	12.52
Alabama	25.05	Virginia	12.42
New Mexico	24.07	Florida	11.41
Kansas	23.97	New Hampshire	11.25
Arkansas	23.13	Washington	10.40
Utah	21.90	Maryland	10.38
Missouri	21.66	Idaho	10.18
Mississippi	21.28	Rhode Island	10.08
Ohio	19.75	Connecticut	9.77
Pennsylvania	18.94	Oregon	9.56
Illinois	18.12	Massachusetts	9.49
South Dakota	17.91	Vermont	9.38
Wisconsin	17.47	California	9.26
Minnesota	17.24	New York	8.61

Last 9 Years Warmest on Record

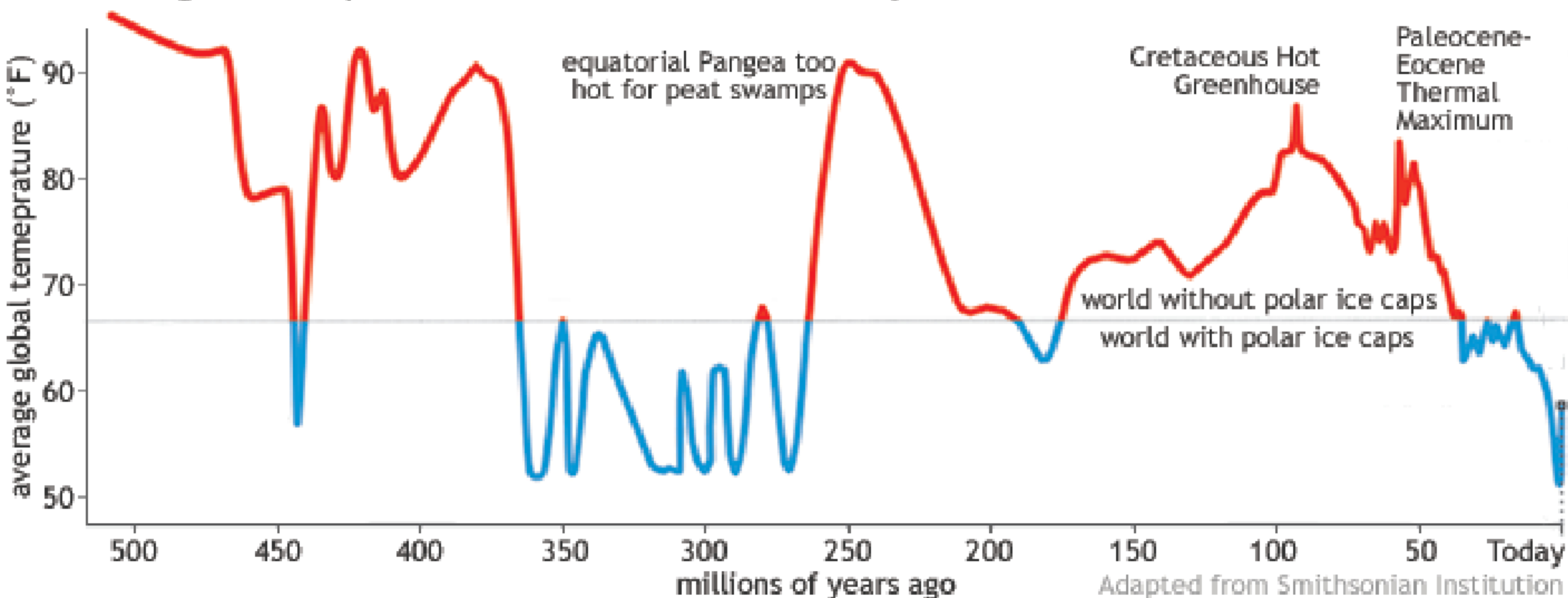
Global Temperature Anomaly (°C compared to the 1951-1980 average)

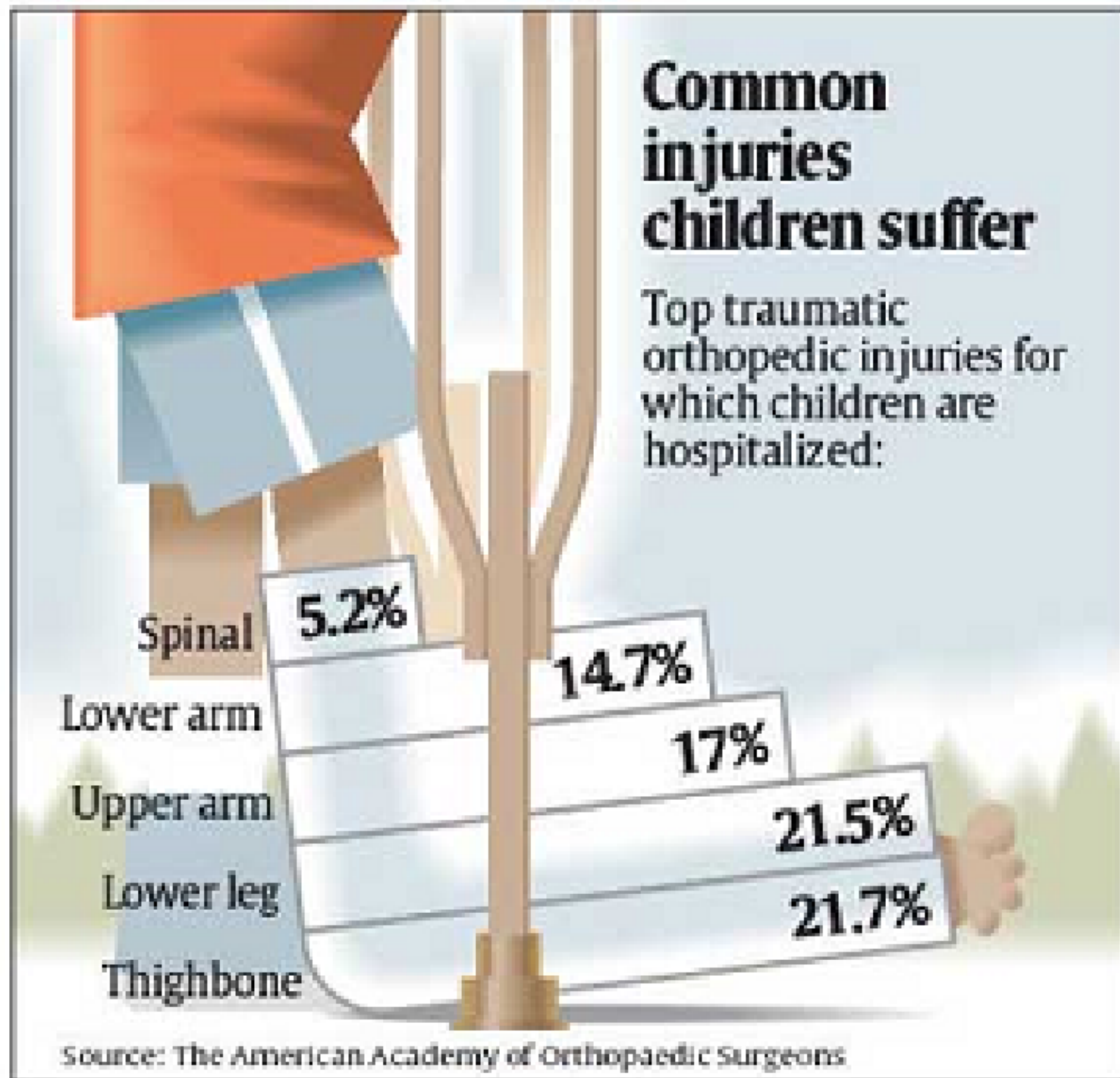
1.00
0.75

2022

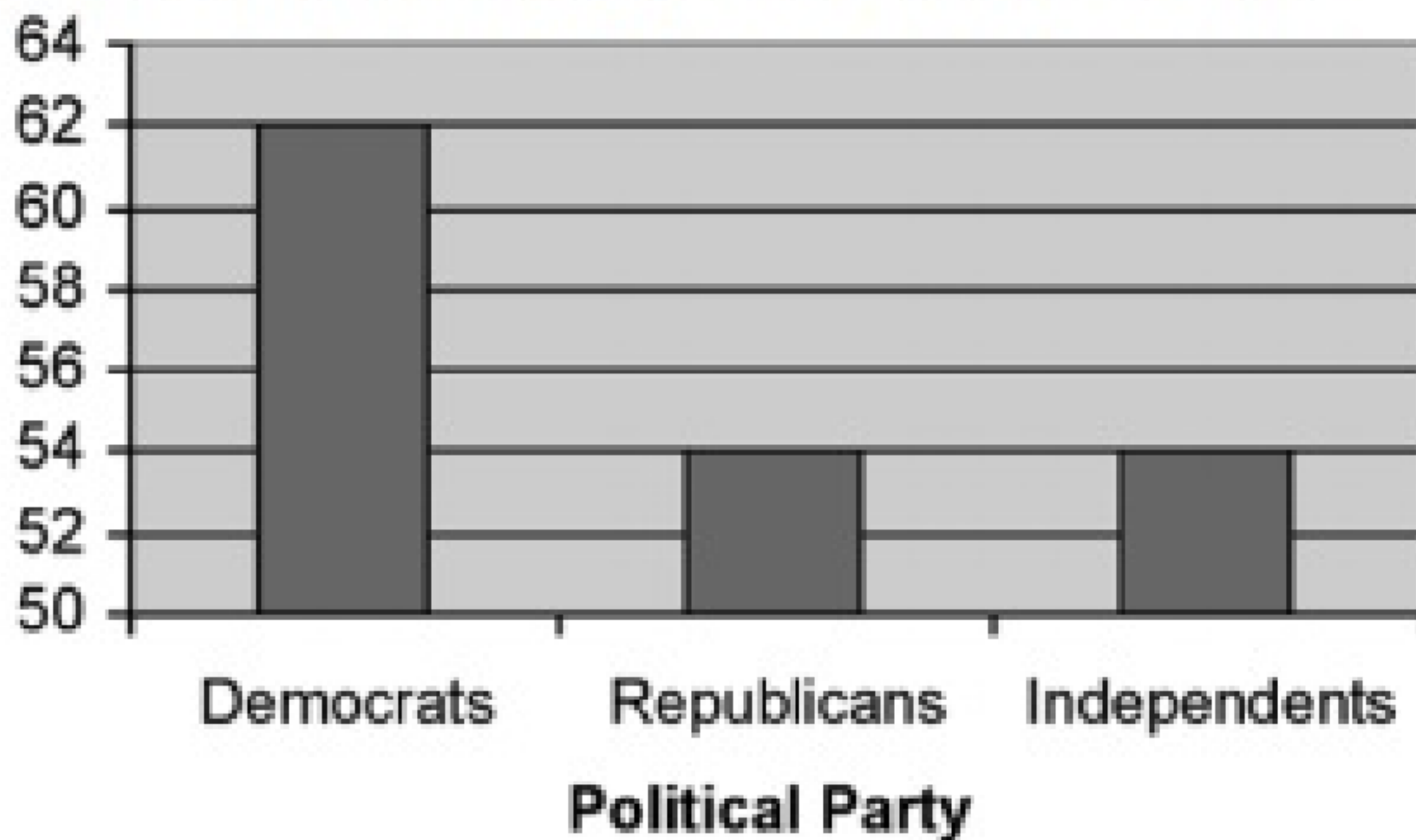


Estimated global temperature over the last 500 million years

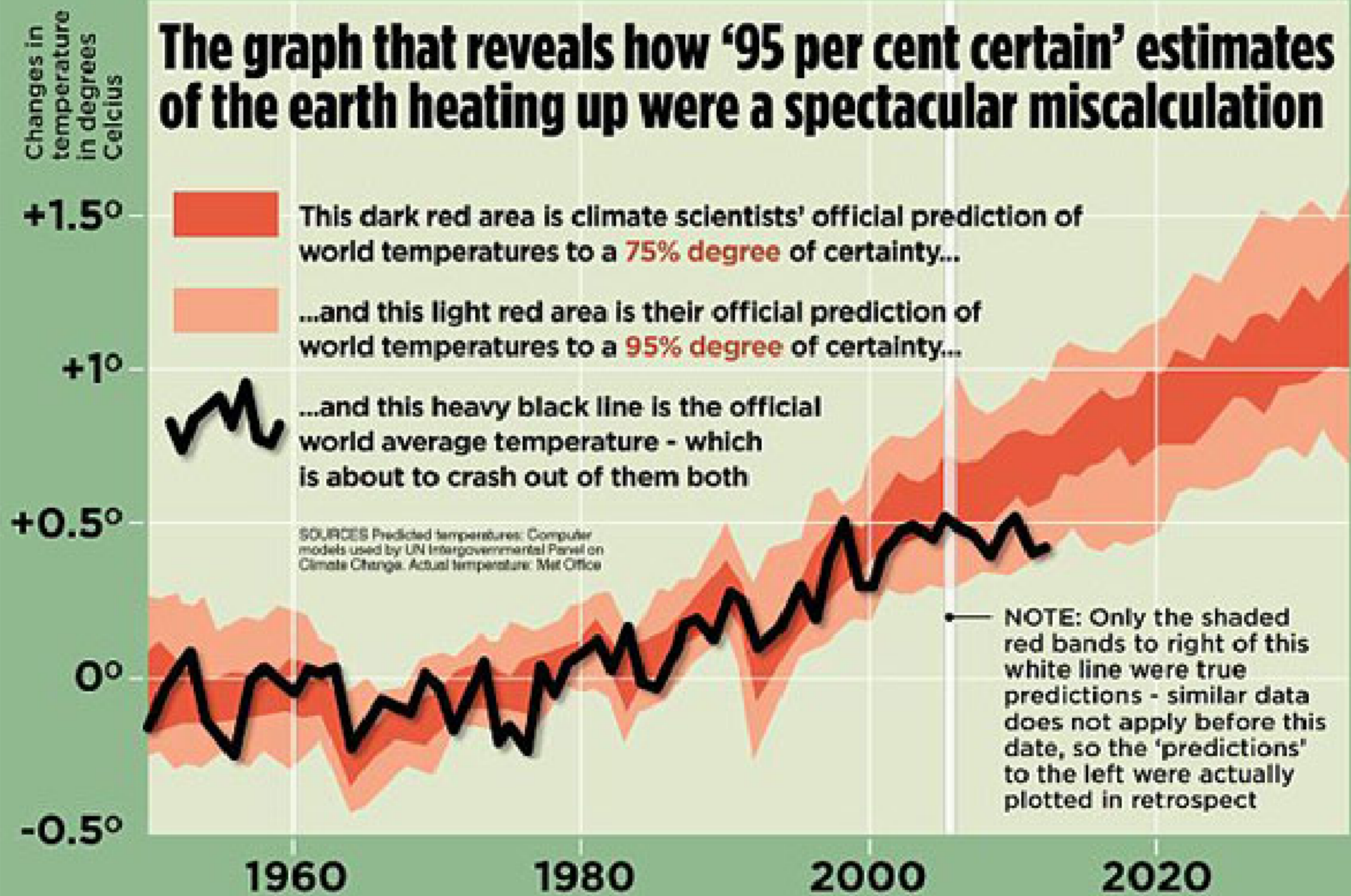




Percent Who Agreed With Court



The graph that reveals how '95 per cent certain' estimates of the earth heating up were a spectacular miscalculation



2012 PRESIDENTIAL RUN

GOP CANDIDATES



FOX

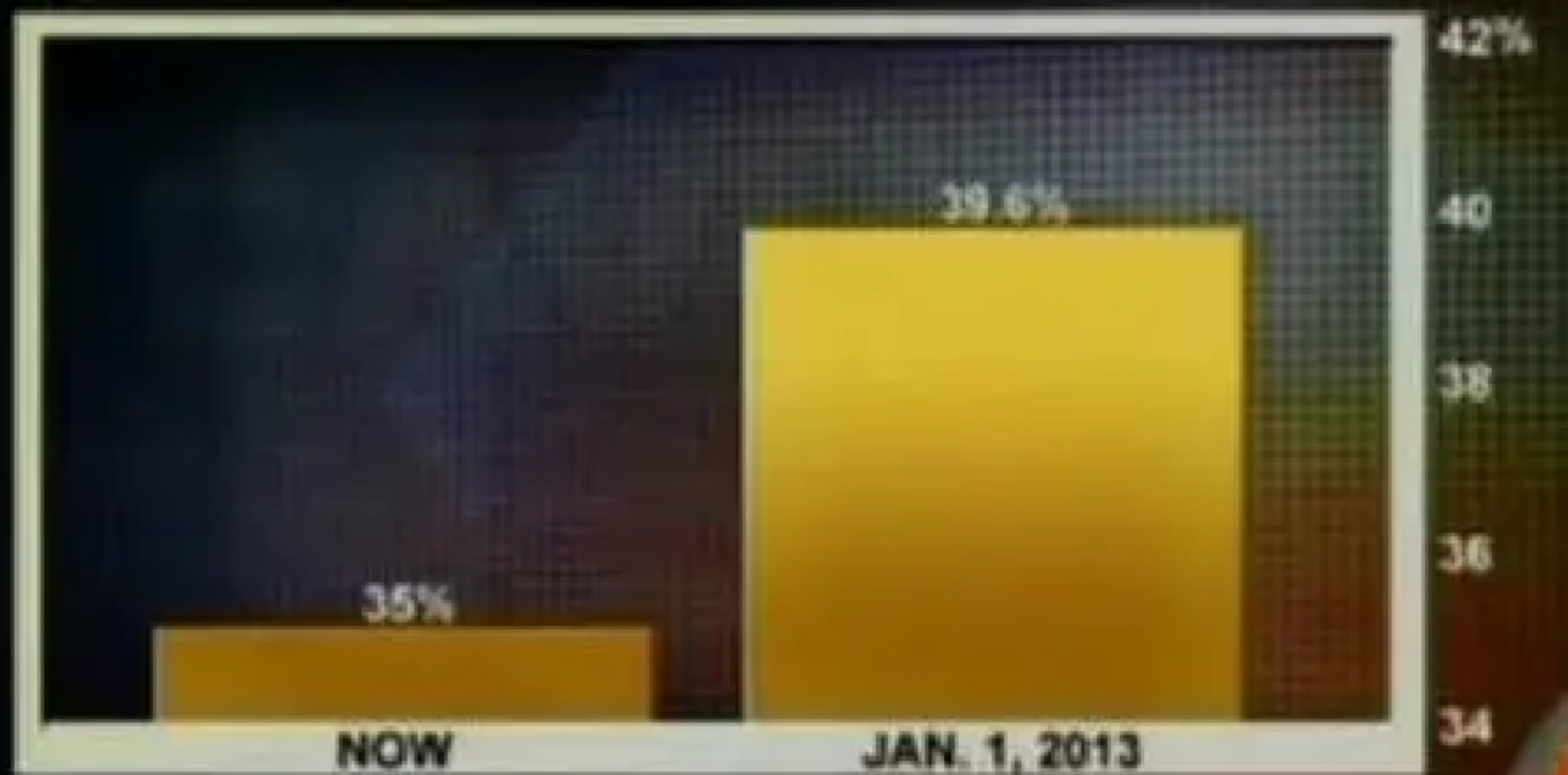
47'

SOURCE: OPINIONS

DYNAMIC

IF BUSH TAX CUTS EXPIRE

TOP TAX RATE



8:01p ET

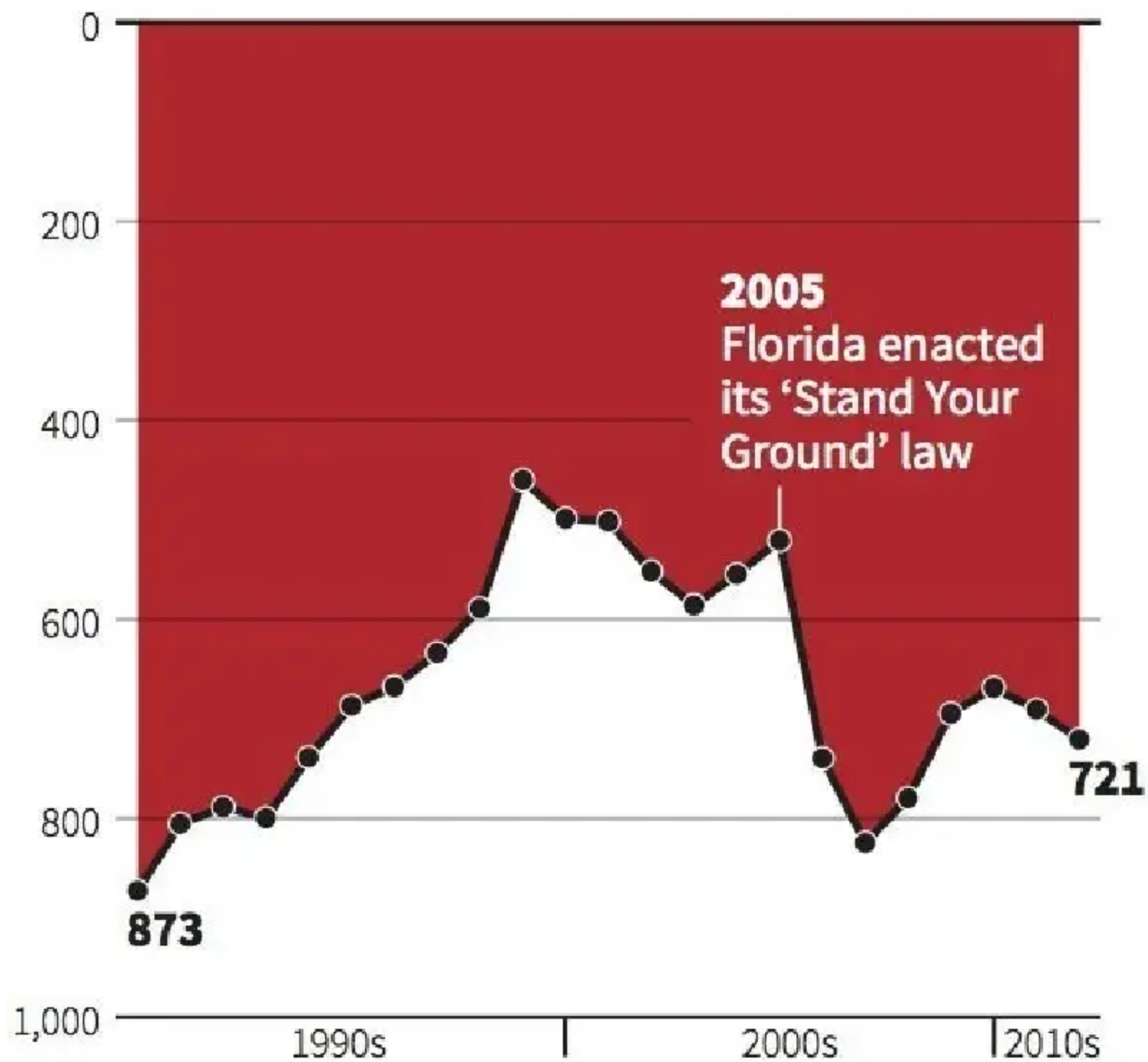
FOXA

TOP STORIES

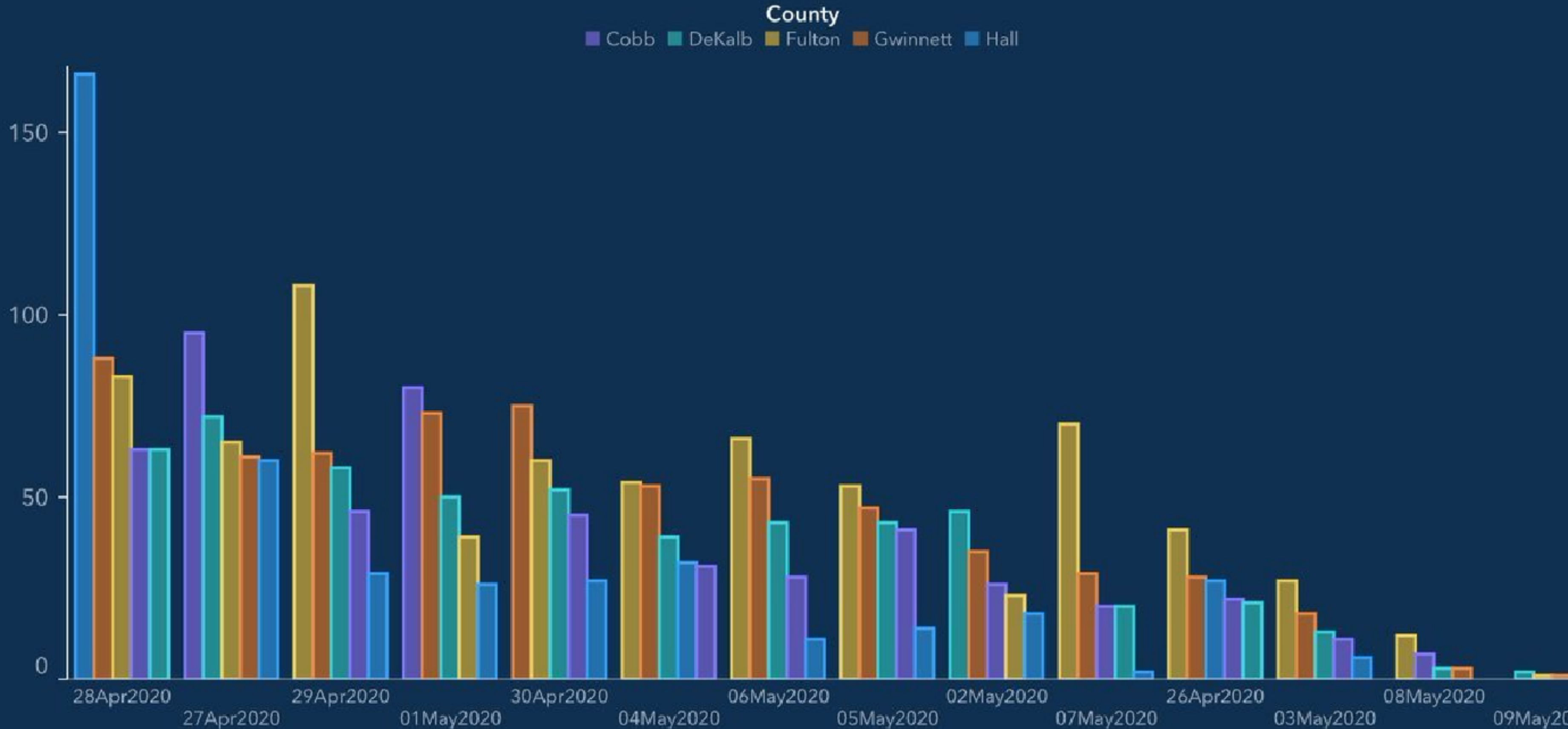
TECHNOLOGY

CONSUMER

Number of murders committed using firearms



The chart below represents the most impacted counties over the past 15 days and the number of cases over time. The table below also represents the number of deaths and hospitalizations in each of those impacted counties.

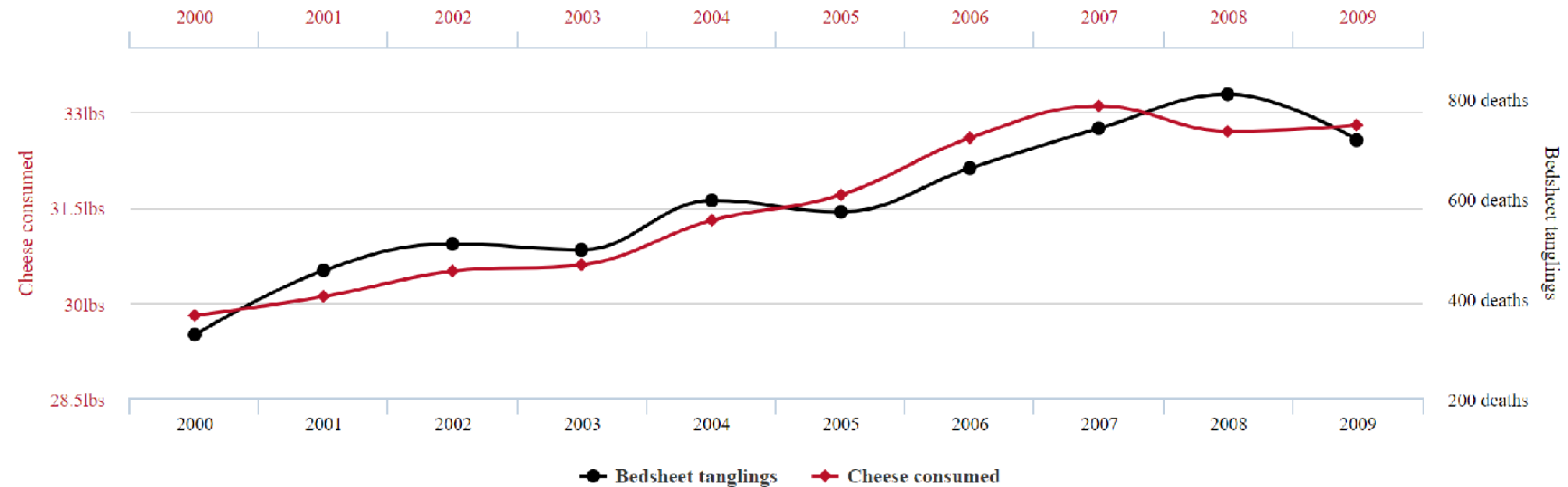


Per capita cheese consumption

correlates with

Number of people who died by becoming tangled in their bedsheets

Correlation: 94.71% (r=0.947091)





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LOAN AMOUNT	AMOUNT BORROWER RECEIVES	LOAN FEE	APR	NUMBER OF PAYMENTS	PAYMENT AMOUNT
\$10,000	\$9,925	\$75	89.68%	84	\$743.49
\$5,075	\$5,000	\$75	116.73%	84	\$486.58
\$2,600	\$2,525	\$75	139.22%	47	\$294.46
\$1,500	\$1,000	\$500	234.25%	24	\$198.19
\$850	\$500	\$350	342.86%	12	\$150.72