

SPORTS

FIFA Yearly Revenue \$USD "Federation International Football (Soccer) Association"

1970: \$243,537

1989: \$1,623,579

1997: \$5,357,811

1998: \$63,157,232

1999: \$212,000,000

2003: \$515,000,000

2004: \$647,000,000

2005: \$663,000,000

2006: \$749,000,000

2007: \$882,000,000

2008: \$957,000,000

2009: \$1,059,000,000

2010: \$1,291,000,000

2014: \$4,800,000,000

SPORTS

New National Basketball Tournament

There is a new national basketball tournament that invites 256 teams to enter. After round 1 there are 128 teams and after round two there are 64 teams remaining and 32 teams after round four. How many games will the national tournament have to pay for referees?

SPORTS

NBA Salary

The average NBA salary in 1980 was about \$170,000, and the salaries have increased drastically in the last thirty years. Kobe Bryant is an example of this with a salary of \$23.5 million for the 2014-2015 season! The table below shows the average salary of an NBA player since 1980. (BE CAREFUL WITH X's)



Years since 1980	Annual Average Salary in thousands of dollars
0	170
5	325
19	750
15	1,900
16	2,000
17	2,200
18	2,600

SPORTS

NBA Minimum Salaries for 2017/18.

Listed below are minimum salary figures, sorted by years of NBA experience.

<u>Years of Experience</u>	<u>Salary</u>
0	\$815,615
1	\$1,312,611
2	\$1,471,382
3	\$1,524,305
4	\$1,577,230
5	\$1,709,538
6	\$1,841,849
7	\$1,974,159
8	\$2,106,470
9	\$2,116,955
10+	\$2,328,652

<https://www.hoopsumors.com/2017/06/nba-minimum-salaries-for-201718.html>

SPORTS

Roger Goodell, the NFL's commissioner, made \$34 million during 2014, and he is hoping the NFL will bring in \$25 billion in revenue by 2027.

NFL Revenue in Billions of U.S. Dollars

2002: 4.94

2004: 6.03

2006: 6.54

2008: 7.57

2010: 8.35

2012: 9.17

2014: 11.09

2015: 12.9

2017: 14



SPORTS

Super Bowl commercials were \$42,000 per 30 second add in 1967.

Years since 1970	Cost of 30 second commercial in thousands
0	78
5	107
10	220
15	525
20	700
25	1,150
35	2,400
40	2,800
41	3,000
47	5,002



Find additional (years, cost) at ama.org

"The History of Super Bowl Commercial Costs"

SPORTS

Super Bowl tickets were \$74.98 in 1967 (Inflation-adjusted price).

Years since 1970	Cost of average ticket price (\$)
0	98
8	118
14	145
20	242
21	275
29	488
35	795
39	1,170
42	1,400
45	2,000
48	4,314



Find additional (years, cost) at gobankingrates.com

“The First Super Bowl Cost \$10
– See How It’s Changed Since
1967”

COLLEGE TUITION

Tuition at Luther College (Iowa) from 1999 to 2010

Year since 1999	In-state tuition and fees
0	22221
1	22403
2	22663
3	24201
4	25227
5	26199
6	26838
7	28224
8	29569

COLLEGE TUITION

Tuition at Minneapolis Community and Technical College from 1999 to 2010.

Year since 1999	In-state tuition and fees
0	3018
1	3077
2	3381
3	3694
4	4048
5	4413
6	4400
7	4585
8	4885

COLLEGE TUITION

Tuition at University of Pittsburgh from 1999 to 2010.

Year since 1999	In-state tuition and fees
0	8608
1	8676
2	9161
3	10162
4	10831
5	12299
6	12492
7	12986
8	14154

COLLEGE TUITION

Tuition at Macalester College (St. Paul, MN) from 1999 to 2010.

Year since 1999	In-state tuition and fees
0	26589
1	26782
2	27683
3	28327
4	29280
5	30442
6	33207
7	34545
8	37473

COLLEGE TUITION

Tuition at University of Miami (Florida) from 1999 to 2010.

Year since 1999	In-state tuition and fees
0	27439
1	27912
2	28949
3	29564
4	30693
5	31616
6	32239
7	33475
8	33852

COLLEGE TUITION

Tuition at University of Florida from 1999 to 2010.

Year since 1999	In-state tuition and fees
0	11307
1	11454
2	12191
3	13817
4	15517
5	17974
6	18109
7	19035
8	21188

COLLEGE TUITION

Tuition at University of Minnesota from 2001 to 2010.

University of Minnesota (St. Paul/Minneapolis- without room & board)

Year since 2001	In-State Tuition and Fees
0 (2001)	6779
1	7483
2	8311
3	9118
4	9636
5	10028
6	10135
7	10916
8	11287
9 (2010)	12203

COLLEGE TUITION

Tuition at Iowa State University from 1999 to 2010.

Year since 1999	Out-of-State Tuition and Fees
0	12350
1	13588
2	13195
3	15255
4	16783
5	17180
6	17497
7	17811
8	17871
9	18563

CAR VALUE

The table below shows the depreciation of the value of an Escalade purchased new in 2010

Year starting in 2010	Value of a Cadillac Escalade (\$)
0	35998
1	30228
2	25500
3	22336
4	17900
5	15065
6	12900

CAR VALUE

The table below shows the depreciation of the value of a Subaru Impreza WRX-STI purchased new in 2008.

Year starting in 2008	Value of a Subaru Impreza WRX-STI (\$)
0	22690
1	18606
2	15257
3	12511
4	10259
5	8412
6	6900

CAR VALUE

The table below shows the depreciation of the value of a Toyota Camry purchased new in 2009

Year starting in 2009	Value of a Toyota Camry (\$)
0	19590
1	16652
2	14154
3	12031
4	10226
5	8692
6	7388

CAR VALUE

The CCXR Trevita Value

The CCXR Trevita is the most expensive street-legal production car in the world. Why so much coin? With no exaggeration, the car is literally coated in diamonds. A Swedish manufacturer developed a new exterior finish called the Koenigsegg Proprietary Diamond Weave, which involves coating carbon fibers with a diamond dust-impregnated resin. We can't even fathom how much the touch up paint costs. Underneath the lustrous finish lies a 4.8-liter, dual-supercharged V8 with a total output of 1,004 hp and 797 lb-ft, which means it should have little to no trouble overtaking semis on the freeway. The car's specifications in both performance and price are truly spectacular and just three were ever made.

Estimated Value:

2015: \$4,800,000

2016: \$3,900,000

2017: \$3,700,000

2018: \$3,600,000

2019: \$3,550,000

2020: \$3,500,000



Disease and Health

Zombie Virus: WARNING TRICKY!



On a Tuesday morning at 7am a teacher came to school infected with a zombie virus. Two hours later three staff and four students were infected and an hour, after that six staff and 15 students were infected. At 12pm, 12 staff members, and 30 students were infected. At 3pm four visitors, 14 staff, and 90 students were infected. Help the Minnesota Department of Health and Emergency Managers fight such an outbreak through finding the rate of growth and predicting the future.

Disease and Health

Ebola Virus 1.0

On May 4th, 2014, the World Health Organization (WHO) was tracking the outbreak of Ebola in West Africa, and as of February 2016 11,301 people have died from the spread of Ebola. Below is a table of the number of cases of Ebola. (** These were cases that were either suspected, probable or laboratory-confirmed.)

Days past 5-4-2014	Cases of Ebola **
0	250
1	279
2	307
7	530
20	2250
21	2601
22	2939

Disease and Health

Ebola Virus 2.0

On May 4th, 2014, the World Health Organization (WHO) was tracking the outbreak of Ebola in West Africa. Below is a table of the number of cases of Ebola. (** These were cases that were either suspected, probable or laboratory-confirmed.)

Days past 5-4-2014	Cases of Ebola **
0	240
1	276
3	309
7	539
15	2299
16	2609
19	2873

Disease and Health

Ebola Virus 3.0

On May 4th, 2019, the World Health Organization (WHO) was tracking the outbreak of Ebola in West Africa. Below is a table of the number of cases of Ebola. (** These were cases that were either suspected, probable or laboratory-confirmed.)

Days past 5-4-2019	Cases of Ebola **
0	241
1	270
2	301
4	522
5	2203
6	2505
7	2921

Disease and Health

Zika Virus 1.0

On January 28th, 2014, the World Health Organization (WHO) reported that the Zika virus is "spreading explosively" and the level of alarm is "extremely high". The Centers for Disease Control confirmed 31 cases initially reported in the United States, and the numbers of infected mothers continue to grow. The table below shows the growth of the virus.

Days past 1/28/16	Cases of ZIKA in the U.S.
0	31
1	33
2	40
4	55
5	61
6	70
7	80

Disease and Health

Zika Virus 2.0

On January 28th, 2014, the World Health Organization (WHO) reported that the Zika virus is "spreading explosively" and the level of alarm is "extremely high". The Centers for Disease Control confirmed 20 cases initially reported in the U.S. territories (Puerto Rico and U.S. Virgin Islands), and the numbers of infected mothers continue to grow. The table below shows the growth of the virus.

Days past 1/28/16	Cases of ZIKA in U.S. TerrITories
0	20
1	23
2	27
4	35
5	40
6	48
7	57

Technology

Size of Web Pages

(Size of Web pages) The size of webpages on the internet has grown dramatically since 1994, which had an average size of 20 killobits (kb). In 2003, 2004, and 2005, the growth continued with average sizes of 100 kb, 124 kb, and 155 respectively. Even seven years ago in 2010, the average size of a webpage was very big at 600 kb. In 2011 and 2012, the average size of a webpage jumped to 740 kb and 933 kb. By the end of 2014, webpages were averaging 1243 kb, and 2015 reports showed the average being over 2000 kb!

Technology

CELL PHONE USERS IN MINNEAPOLIS

Years	1989	1990	1991	1992	1993	1994	1995	1996
Number of Cell Phone users	498	970	1527	2692	4777	8986	14925	29069

Technology

CELL PHONE USERS IN United States 1985 - 2010

IN THE MILLIONS!!!

Years	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Number of Cell Phone users	5.283	7.557	11.03	16.01	24.13	33.76	44.04	55.31	69.21	86.05	109.5

Years	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Number of Cell Phone users	128.4	140.8	158.7	182.1	207.9	233	Not available	262.7	276.6	300.5

Technology

Annual Video Game and Computer game Sales (Billions of Dollars)

2001: \$6.9

2003: \$7.0

2005: \$6.9

2007: \$9.5

2009: \$10.5

2011: \$11.7

2013: \$15.4

2015: \$16.5

2017: \$16.9



Technology

Facebook Users

Facebook users at the end of each year.

2004: 1 million

2005: 5.5 million

2006: 12 million

2007: 50 million

2008: 100 million

2009: 350 million

2010: 608 million

2011: 845 million

2012: 1.06 billion

2013: 1.19 billion

2014: 1.23 billion

2015: 1.44 billion

2016: 1.86 billion

2017: 2.2 billion



Technology

I-Phone Value

A new 64gb iPhone 6s was sold for \$700 at the beginning of January 2016. Based on previous research the phone's expected value after 1 month later would be \$610 with a value at the beginning of March \$589. The following three months value are estimated at in order: \$550, \$500, and \$425. By the end of 2016, the 6s phone is only worth \$255.



HODGE-PODGE

Average Height of Females Based on Age

Age	Height in inches
2	35
4	39
6	45
8	50
10	55
12	60
14	62
16	63



HODGE-PODGE

Minnesota Wolf Population

The Minnesota Wolves population has changed over the years and Minnesota Wolves have been listed under the federal Endangered Species Act. During the year of 1989, there was an estimated wolf population of 1521. Over 10 years the population grew to around 2445. In 2010, there was an estimated population of 2,502, wolves. In 2011, there were an estimated 2,444 and in 2012, 2,332. In 2013, there was an estimated wolf population of 2,423. In 2014, the population was around 2,221. By the end of 2015, the population was estimated at 2,036. The goal of Minnesota Department of Natural Resources is to maintain a population of at least 1,600 wolves.



HODGE-PODGE

Astronomy

The table below shows the number of stars identified by astronomers over the years since 1850. An amazing 28,450 stars were identified in 1985!

Years since 1850	Number of stars identified
0	24
25	143
26	154
46	393
47	405
65	1687
73	2233
74	2457
135	28,450

HODGE-PODGE

Minneapolis Average Rent Cost

2007: \$883
2008: \$913
2009: \$907
2010: \$899
2011: \$886
2012: \$909
2013: \$911
2014: \$955
2015: \$1002
2016: \$1376
2017: \$1544



Criminal Justice

The "Sentencing Project" compiles state-level criminal justice data from a variety of sources. The data provides a look at how the United States increased its prison population since 1980. The prison population in the U.S. began to decline after 2008, but the growth has continued in a couple Midwest states.

Years since 1980	Prison population in the US (In hundreds of thousands)
0	316
5	482
10	740
12	847
14	1,017
15	1,100
17	1,205
20	1,335
23	1,408
26	1,500
28	1,540

Sentencingproject.org

Criminal Justice

The "Sentencing Project" compiles state-level criminal justice data from a variety of sources. The data provides a look at how the Minnesota increased its prison population since 1980. The prison population in the U.S. began to decline after 2008, but the growth has continued in a couple Midwest states.

Years since 1980	Prison population in Minnesota
0	2,100
7	2,546
10	3,176
11	3,472
15	4,846
16	5,158
22	7,129
24	8,758
25	9,281
29	9,986
33	10,289
35	10,798

Sentencingproject.org

HODGE-PODGE

UBER: Number of Active Driver-Partners in US per month (Uber.com)

"An active driver is defined as a driver-partner who completed at least four trips in a month."

January 2012: 0

July 2012: 100

January 2013: 4999

July 2013: 9780

January 2014: 32,000

July 2014: 72,400

January 2015: 132,000

July 2015: 300,500

January 2016: 462,000

January 2017: 1,500,000

HODGE-PODGE

The table below shows the approximate frequencies of the notes in the octave from middle **C** up to the next **C** on a piano.

Note Name	Note number above middle C	Frequency (Hz)
Middle C	0	260
C #	1	277
D	2	294
D #	3	315
E	4	334
F	5	357
F #	6	370
G	7	398
G #	8	415
A	9	450
A #	10	471
B	11	501
C above middle C	12	533