



NBA from 1996 to Today

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The Problem

Currently, there is no visually interactive tool that allows you to view aggregated NBA statistics for every NBA team over the last 20 years

Team Stats

Playoff teams are marked with an asterisk (*) · [Glossary](#) · [SHARE](#) · [Embed](#) · [CSV](#) · [Export](#) · [PRE](#) · [LINK](#) · ?

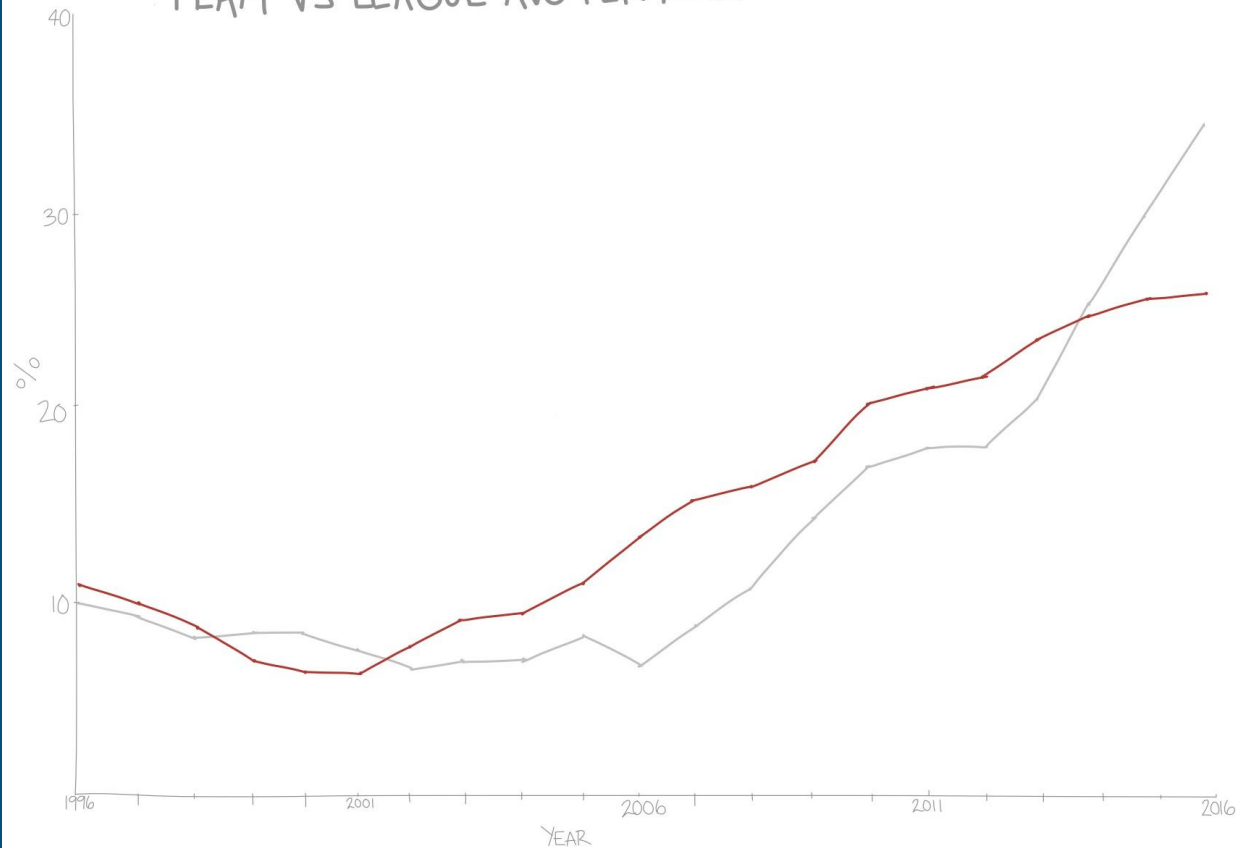
Rk	Team	G	MP	FG	FGA	FG%	3P	3PA	3P%	2P	2PA	2P%	FT	FTA	FT%	ORB	DRB	TRB	AST	STL	BLK	TOV	PF	PTS	PTS/G
1	Golden State Warriors*	82	19880	3489	7159	.487	1077	2592	.416	2412	4567	.528	1366	1790	.763	816	2972	3788	2373	689	498	1245	1701	9421	114.9
2	Oklahoma City Thunder*	82	19830	3372	7082	.476	678	1945	.349	2694	5137	.524	1616	2067	.782	1071	2916	3987	1883	603	487	1305	1691	9038	110.2
3	Sacramento Kings	82	19805	3283	7083	.464	660	1839	.359	2623	5244	.500	1514	2089	.725	868	2760	3628	2009	733	368	1326	1676	8740	106.6
4	Houston Rockets*	82	19830	3094	6847	.452	878	2533	.347	2216	4314	.514	1671	2407	.694	930	2601	3531	1821	821	430	1307	1790	8737	106.5
5	Boston Celtics*	82	19780	3216	7318	.439	717	2142	.335	2499	5176	.483	1520	1929	.788	950	2733	3683	1981	752	348	1127	1796	8669	105.7
6	Portland Trail Blazers*	82	19805	3167	7040	.450	864	2336	.370	2303	4704	.490	1424	1889	.754	948	2782	3730	1748	562	380	1200	1782	8622	105.1
7	Los Angeles Clippers*	82	19830	3141	6759	.465	797	2190	.364	2344	4569	.513	1490	2152	.692	721	2727	3448	1873	709	460	1063	1746	8569	104.5
8	Cleveland Cavaliers*	82	19855	3171	6888	.460	880	2427	.363	2291	4461	.514	1333	1783	.748	873	2777	3650	1861	551	317	1114	1666	8555	104.3
9	Washington Wizards	82	19755	3238	7033	.460	709	1983	.358	2529	5050	.501	1349	1849	.730	743	2688	3431	2005	708	323	1186	1708	8534	104.1
10	San Antonio Spurs*	82	19705	3289	6797	.484	570	1518	.375	2719	5279	.515	1342	1672	.803	770	2831	3601	2010	677	485	1071	1433	8490	103.5
11	Charlotte Hornets*	82	19855	3036	6922	.439	873	2410	.362	2163	4512	.479	1534	1941	.790	734	2869	3603	1778	596	438	1030	1487	8479	103.4
12	Atlanta Hawks*	82	19830	3168	6923	.458	815	2327	.350	2353	4596	.512	1282	1638	.783	679	2772	3451	2100	747	487	1226	1569	8433	102.8
13	Toronto Raptors*	82	19780	3006	6669	.451	708	1915	.370	2298	4754	.483	1702	2190	.777	836	2724	3560	1536	636	449	1073	1610	8422	102.7
14	New Orleans Pelicans	82	19780	3153	7040	.448	702	1951	.360	2451	5089	.482	1415	1823	.776	782	2712	3494	1818	633	342	1102	1713	8423	102.7
15	Minnesota Timberwolves	82	19880	3095	6668	.464	455	1347	.338	2640	5321	.496	1753	2213	.792	821	2587	3408	1916	656	375	1231	1696	8398	102.4
16	Dallas Mavericks*	82	20005	3064	6900	.444	806	2341	.344	2258	4559	.495	1454	1831	.794	751	2781	3532	1813	560	306	1047	1595	8388	102.3
17	Indiana Pacers*	82	19880	3142	6985	.450	663	1889	.351	2479	5096	.486	1430	1872	.764	847	2779	3626	1741	742	391	1219	1641	8377	102.2
18	Orlando Magic	82	19905	3242	7120	.455	636	1818	.350	2606	5302	.492	1249	1649	.757	843	2709	3552	1933	673	417	1155	1701	8369	102.1
19	Detroit Pistons*	82	19880	3111	7087	.439	740	2148	.345	2371	4939	.480	1399	2095	.668	1021	2777	3798	1594	573	304	1110	1557	8361	102.0
20	Denver Nuggets	82	19830	3093	7003	.442	656	1943	.338	2437	5060	.482	1513	1974	.766	940	2719	3659	1858	609	395	1202	1723	8355	101.9
21	Chicago Bulls	82	19905	3165	7170	.441	651	1754	.371	2514	5416	.464	1354	1720	.787	907	2889	3796	1870	495	470	1141	1545	8335	101.6
22	Phoenix Suns	82	19705	3051	7018	.435	738	2117	.349	2313	4901	.472	1431	1905	.751	943	2733	3676	1701	632	313	1410	1858	8271	100.9
23	Miami Heat*	82	19830	3150	6697	.470	498	1480	.336	2652	5217	.508	1406	1889	.744	807	2811	3618	1709	553	531	1155	1502	8204	100.0
24	Memphis Grizzlies*	82	19830	3019	6859	.440	504	1521	.331	2515	5338	.471	1584	2024	.783	916	2497	3413	1697	725	350	1090	1783	8126	99.1

Our Solution

We intend to allow the user to select teams and stat categories from the past 20 NBA seasons in a concise and interactive visualization tool

Initial Sketches

TEAM VS LEAGUE AVG PER YEAR



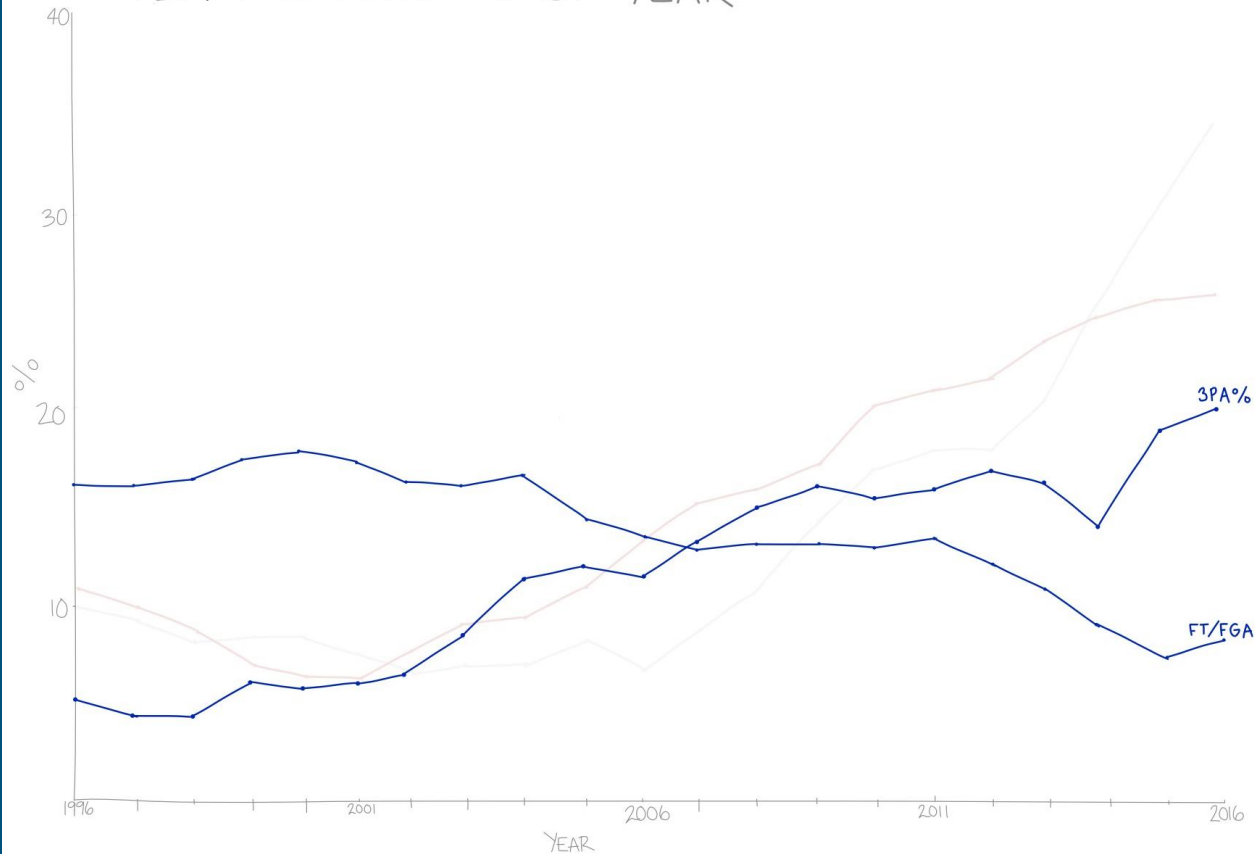
Select Stat

- eFG%
- %cookies eaten
- 3PA%

Select Team

- Atlanta Hawks
- New York Knicks
- Seattle Silly Snakes
- 
- 
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TEAM COMPARISONS BY YEAR

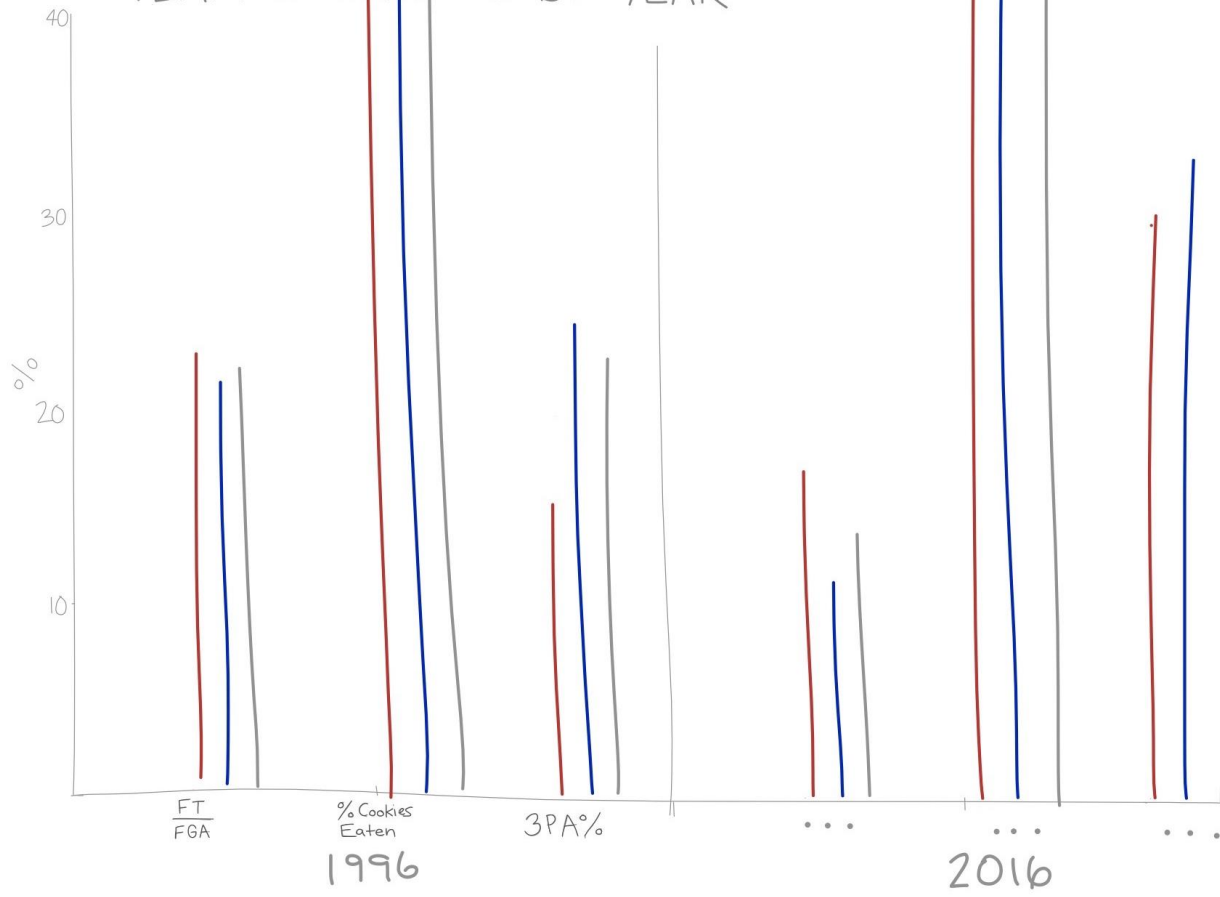


- Atlanta Hawks
- Seattle Silly Snakes
- League Average

- Select Stat
- (De)select All
 - FT/FGA
 - %cookies eaten
 - 3PA%

- Select Team
- Atlanta Hawks
 - New York Knicks
 - Seattle Silly Snakes
 - 
 - 
 - 

TEAM COMPARISONS BY YEAR



- Atlanta Hawks
- Seattle Silly Snakes
- League Average

- Select Years
- Deselect All
 - 1996
 - ⋮
 - 2016

- Select Stat
- (De)select All
 - FT/FGA
 - % cookies eaten
 - 3PA%

- Select Team
- Atlanta Hawks
 - New York Knicks
 - Seattle Silly Snakes

Why

Useful for fans to be more informed and engaged

Team GMs could use this tool to assess team

Foundation for similar tools in other major sports

Questions

What do you think of displaying our visualization through an app? Are there any drawbacks to going this route?

How can we display multiple statistics? Should we limit the number of statistics that can be displayed at a time?

Are you interested in trends of the NBA in the last 20 years?