Graph of the Week

September

Analyze the graphs below and write a reflection on what you think the graph is communicating to you. To guide you with your response, start with some observations.

- What is the topic of the graph?
- What surprises you about the graph? What do you wonder?
- What are some observations that you can make based on the graph?
- What do you foresee happening in the next 10 years?

Questions to ask when reading graphs:

- Is there an upward or downward trend?
- Are there any sudden spikes in the graph?
- What is being compared in the graph?
- What prediction can I make for the future?
- What inferences can I make about the graph?

Long odds

About **2 percent** of high school athletes receive college scholarships.

Fewer than 2 percent of college athletes go on to play professionally.

Division I and II schools provide

\$2.7 billion annually in athletic

annually in athletic scholarships to more than 150,000 students.

Division III schools do not provide athletic scholarships to

more than 180,000 athletes

but other types of financial aid are usually available.

	High school participants	NCAA participants	Overall percent HS to NCAA	Division I	Division II	Division III
Men						
Baseball	486,567	34,198	7.0%	2.1%	2.2%	2.7%
Basketball	541,479	18,697	3.5%	1.0%	1.0%	1.4%
Cross country	250,981	14,330	5.7%	1.9%	1.4%	2.3%
Football	1,083,617	72,788	6.7%	2.6%	1.8%	2.4%
Golf	148,823	8,654	5.8%	2.0%	1.7%	2.1%
Ice hockey	35,875	4,071	11.3%	4.6%	0.5%	6.3%
Lacrosse	108,450	13,165	12.1%	2.9%	2.2%	7.1%
Soccer	432,569	24,477	5.7%	1.3%	1.5%	2.8%
Swimming	137,087	9,715	7.1%	2.8%	1.1%	3.2%
Tennis	157,240	8,211	5.2%	1.7%	1.1%	2.4%
Track and field	578,632	28,177	4.9%	1.9%	1.2%	1.7%
Volleyball	54,418	1,818	3.3%	0.7%	0.8%	1.8%
Water polo	21,626	1,044	4.8%	2.6%	0.7%	1.5%
Wrestling	258,208	7,049	2.7%	1.0%	0.7%	1.0%
Women						
Basketball	429,504	16,589	3.9%	1.2%	1.1%	1.6%
Cross country	221,616	16,150	7.3%	2.7%	1.7%	2.8%
Field hockey	60,549	5,894	9.7%	2.9%	1.2%	5.7%
Golf	72,582	5,221	7.2%	3.0%	2.1%	2.1%
Ice hockey	9,418	2,175	23.1%	9.0%	1.1%	13.1%
Lacrosse	84,785	10,994	13.0%	3.7%	2.5%	6.7%
Soccer	375,681	26,995	7.2%	2.4%	1.9%	2.9%
Softball	364,103	19,628	5.4%	1.7%	1.6%	2.1%
Swimming	166,838	12,428	7.4%	3.2%	1.1%	3.1%
Tennis	182,876	8,960	4.9%	1.6%	1.1%	2.2%
Track and field	478,726	28,797	6.0%	2.7%	1.5%	1.8%
Volleyball	432,176	17,026	3.9%	1.2%	1.2%	1.6%
Water polo	19,204	1,152	6.0%	3.5%	1.1%	1.4%

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