Graph of the Week **Name**_____

September_____**, 2020**

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

- What are the topics of the graphs?
- What quantities are being compared? (If there are x- and y- axes, what do they represent?)
- What are some observations that you can make based on the graphs?
- 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?

Estimated Probability of Competing in College Athletics

	High School Participants	NCAA Participants	Overall % HS to NCAA	% HS to NCAA Division I	% HS to NCAA Division II	% HS to NCAA 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 & 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 & 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%