



## Estimated Probability of Competing in Athletics Beyond the High School Interscholastic Level

### **Methodology**

To calculate the estimated probability of competing in athletics beyond the high school interscholastic level, data from several sources were combined. First, the estimated number of high school student-athletes participating interscholastically in the sports having a major professional league in the United States was obtained from the National Federation of State High School Associations. To calculate the number of high school seniors participating interscholastically in those sports, the total number of high school student-athletes participating was divided by 3.5. This figure was used because some high schools are three-year high schools while others are four-year high schools.

The estimated number of NCAA student-athletes competing in the sports with major professional leagues in the United States was obtained from the NCAA's 1982-11 Participation Statistics Report. To estimate the number of NCAA roster positions in these sports available to an incoming freshmen class, the total number of NCAA student-athletes participating was divided by 3.5. This figure was used because current player attrition will leave more roster positions open than would be expected due to normal graduation. To estimate the number of NCAA senior student-athletes participating in those sports, the total number of NCAA student-athletes participating was divided by 4.5. This figure was used because student-athletes participating in these sports often red shirt and therefore are on the team for five years. The number of college student-athletes drafted by the major professional sport leagues in the United States was calculated using the most recent draft data for each league.

To calculate the probability of a high school senior going on to participate for a NCAA institution in these sports, the estimated number of open NCAA roster positions was divided by the estimated number of high school seniors participating interscholastically in these sports. To calculate the probability of a NCAA senior student-athlete being drafted by a professional team in these sports, the number of NCAA student-athletes drafted into these professional leagues was divided by the estimated number of NCAA senior student-athletes participating in these sports. To calculate the probability of a high school senior student-athlete eventually being drafted by a professional team in these sports, the number of NCAA senior student-athletes drafted by a United States professional league in these sports was divided by the estimated number of high school seniors participating interscholastically in these sports. All probabilities were multiplied by 100 to convert them to percentages.

Obviously, many assumptions and estimations are made in the process of calculating these figures. Therefore, the reader should not consider these figures to be exact, but instead should view these figures as educated calculations.



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<b>Student Athletes</b>	<b>Men's Basketball</b>	<b>Women's Basketball</b>	<b>Football</b>	<b>Baseball</b>	<b>Men's Ice Hockey</b>	<b>Men's Soccer</b>
High School Student Athletes	538,676	433,120	1,086,627	474,791	35,198	410,982
High School Senior Student Athletes	153,907	123,749	310,465	135,655	10,057	117,423
NCAA Student Athletes	17,984	16,186	70,147	32,450	3,964	23,365
NCAA Freshman Roster Positions	5,138	4,625	20,042	9,271	1,133	6,676
NCAA Senior Student Athletes	3,996	3,597	15,588	7,211	881	5,192
NCAA Student Athletes Drafted	46	32	254	678	7	101
<b>Percent High School to NCAA</b>	<b>3.3%</b>	<b>3.7%</b>	<b>6.5%</b>	<b>6.8%</b>	<b>11.3%</b>	<b>5.7%</b>
<b>Percent NCAA to Professional</b>	<b>1.2%</b>	<b>0.9%</b>	<b>1.6%</b>	<b>9.4%</b>	<b>0.8%</b>	<b>1.9%</b>
<b>Percent High School to Professional</b>	<b>0.03%</b>	<b>0.03%</b>	<b>0.08%</b>	<b>0.50%</b>	<b>0.07%</b>	<b>0.09%</b>

**Note:** These percentages are based on estimated data and should be considered approximations of the actual percentages.

**Last Updated: September 24, 2013**



## Estimated Probability of Competing in Athletics Beyond the High School Interscholastic Level

Updated: September 24, 2013

### Men's Basketball

- Approximately one in 30, or approximately 3.3 percent, of high school senior boys playing interscholastic basketball will go on to play men's basketball at a NCAA member institution.
- About one in 75, or approximately 1.2 percent, of NCAA male senior basketball players will get drafted by a National Basketball Association (NBA) team.
- Three in 10,000, or approximately 0.03 percent of high school senior boys playing interscholastic basketball will eventually be drafted by an NBA team.

### Women's Basketball

- More than three in 100, or 3.7 percent, of high school senior girls interscholastic basketball players will go on to play women's basketball at a NCAA member institution.
- Less than one in 100, or approximately 0.9 percent, of NCAA female senior basketball players will get drafted by a Women's National Basketball Association (WNBA) team.
- One in 4,000, or approximately 0.03 percent of high school senior girls playing interscholastic basketball will eventually be drafted by a WNBA team.

### Football

- About 6.5 percent, or approximately one in 16, of all high school senior boys playing interscholastic football will go on to play football at a NCAA member institution.
- Less than two in 100, or 1.6 percent, of NCAA senior football players will get drafted by a National Football League (NFL) team.
- Eight in 10,000, or approximately 0.08 percent of high school senior boys playing interscholastic football will eventually be drafted by an NFL team.

### Baseball

- About five in 75, or about 6.8 percent, of high school senior boys interscholastic baseball players will go on to play men's baseball at a NCAA member institution.
- About nine in 100, or about 9.4 percent, of NCAA senior male baseball players will get drafted by a Major League Baseball (MLB) team.
- Approximately one in 200, or about 0.50 percent of high school senior boys playing interscholastic baseball will eventually be drafted by an MLB team.

### Men's Ice Hockey

- Approximately 11 in 100, or about 11.3 percent, of high school senior boys interscholastic ice hockey players will go on to play men's ice hockey at a NCAA member institution.
- One in 125, or about .8 percent, of NCAA senior male ice hockey players will get drafted by a National Hockey League (NHL) team.
- About one in 1,400, or approximately 0.07 percent of high school senior boys playing interscholastic ice hockey will eventually be drafted by an NHL team.

### Men's Soccer

- Less than three in 50, or about 5.7 percent, of high school senior boys interscholastic soccer players will go on to play men's soccer at a NCAA member institution.
- Approximately 20 in 1,000, or about 1.9 percent, of NCAA senior male soccer players will be drafted by a Major League Soccer (MLS) team.
- More than two in 2,000 or approximately 0.09 percent of high school senior boys playing interscholastic soccer will eventually be drafted by an MLS team.