

School Progress Index (SPI) Tutorial

Reading the College- and Career-Readiness Indicator Graph

This graph shows the data for one high school's College and Career Readiness Indicator. The data is represented in a bar graph and is set up like the School Progress Index graph. However, only the data for the College and Career Readiness Indicator is represented by the orange bars.

The header on the left hand side that reads **Indicators Grades 9-12** shows the school's performance on the College and Career Readiness Indicator. At the bottom of the two orange bars, we can see the proportional significance assigned to College and Career Readiness on the two measures: Graduation Rate which is 60% and College and Career Preparation which is 40%.

Though you are familiar with graduation rate, College and Career Preparation is new. College and Career Preparation is based on the % of students who have exited high school with a Maryland State High School Diploma and met one or more of the following indicators divided by the total number of graduates.

The four indicators are

- 1) Scored 3 or greater on the **Advanced Placement (AP)** exam
- 2) Scored 4 or greater on the **International Baccalaureate (IB)** exam
- 3) Enrolled in a post **secondary institution (2-year, 4-year, or technical)** within 16 months of graduation
- 4) Attained advanced standing in a **Career and Technology Education (CTE)** Program of study.

The header on the right hand side that reads **SPI Grades 9-12** shows the College and Career Readiness Indicator Contribution, which is represented by the single orange bar. The value below the orange bar represents the proportional significance assigned to College and Career Readiness in calculating the SPI, which is 20%.

The dotted black lines across each of the Indicators represent the average of the two performances using the weighting shown under the bar. The average is called the Progress Scale Value and is shown below the two bars. For this school, the Progress Scale Value for the College and Career Readiness Indicator is .9727

The Y-axis or vertical line on the left represents the new indices for SPI and is called the Progress Scale. The number "1.00" on the scale would indicate that the performance met the Annual Measurable Objective or AMO. Numbers above 1.00 surpass the AMO whereas numbers below 1.00 do not meet the AMO.

The table below shows how the College and Career Readiness Indicator calculations were made. As shown on the first line of the table, the percent of students who graduated within 5 years is divided by that school's 2012 College and Career Readiness AMO. That number is called the Measure Progress Scale Value.