

TABLE 1-8

Distribution of occupation and median standardized hourly wage for current or most recent job of students in grade 9 in fall 2009 who had not enrolled in postsecondary education and had worked for pay since leaving high school, by mathematics and science preparation in high school: 2016

(Percent and dollars per hour)

Mathematics and science preparation	Occupation (%)		Median standardized hourly wage (\$) ^a	
	STW	Non-STW	Most recent STW job	Most recent non-STW job
Mathematics preparation				
Mathematics achievement test score				
Lowest fifth	13.0	87.0	9.86	9.90
Middle three-fifths	13.9	86.1	11.04	9.95
Highest fifth	13.1	86.9	s	9.88
Highest mathematics course taken				
Algebra 1 or below or none	11.0	89.0	10.49	9.96
Geometry	15.3	84.7	9.95	9.50
Algebra 2 or trigonometry	12.5	87.5	11.13	9.87
Precalculus or higher	15.6	84.4	10.41	9.96
GPA in mathematics				
Less than 2.50	13.4	86.6	10.45	9.95
2.50–2.99	16.4	83.6	11.08	9.82
3.00 or higher	12.3	87.7	14.21	9.96
Science preparation				
Highest science course taken				
General science or none	13.1	86.9	10.98	9.95
Specialty science	13.2	86.8	10.58	9.87
Advanced or AP/IB science	22.4	77.6	s	9.73
GPA in science				
Less than 2.50	13.8	86.2	10.76	9.94
2.50–2.99	14.4	85.6	12.18	9.90
3.00 or higher	9.8	90.2	s	9.97

s = suppressed for reasons of confidentiality and/or reliability.

AP/IB: Advanced Placement or International Baccalaureate; GPA = grade point average; STW = skilled technical workforce.

^a Earnings reported in a format other than dollars per hour (e.g., dollars per month or per year) were standardized to dollars per hour.

Note(s)

About 28% of students in grade 9 in fall 2009 had not enrolled in postsecondary education as of February 2016.

Source(s)

Radford AW, Fritch LB, Leu K, and Duprey M, *High School Longitudinal Study of 2009 (HLS:09) Second Follow-Up: A First Look at Fall 2009 Ninth-Graders in 2016*, NCES 2018-139 (2018); National Center for Science and Engineering Statistics, National Science Foundation, special tabulations (2018) of HLS:09, National Center for Education Statistics, Department of Education.