

Pennsylvania

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- STEM jobs will be 5 percent of all jobs in Pennsylvania in 2018.
- Pennsylvania will demand a total of 285,890 STEM jobs by 2018, up from 263,780 in 2008.
- This represents an 8 percent increase in STEM jobs, 9 percentage points below the national average.
- 49 percent of STEM jobs in Pennsylvania will be in Computer Occupations by 2018.
- 91 percent of these jobs will require postsecondary education and training by 2018.
- 11 percent of all MA jobs and 17 percent of all PhD jobs in Pennsylvania will be in a STEM field by 2018.

EDUCATIONAL DISTRIBUTION OF STEM JOBS IN PA. (2018)

High school or less	26,630	9%
Some college	36,860	13%
Associate's degrees	36,360	13%
Bachelor's degrees	122,230	43%
Master's degrees	51,880	18%
Doctoral degrees	11,940	4%
TOTAL	285,890	100%

Occupational Distribution of STEM Jobs

ARCHITECTS, SURVEYORS, & TECHNICIANS	COMPUTERS* MATHEMATICIANS	ENGINEERS & TECHNICIANS	LIFE & PHYSICAL SCIENTISTS
20,130 7%	139,460 49%	7,340 3%	79,960 28%
			39,000 14%

*Computer Technicians, Programmers, and Scientists

Percent of State's Jobs that will be in STEM, by educational attainment

HIGH SCHOOL OR LESS	SOME COLLEGE	ASSOCIATE'S	BACHELOR'S	MASTER'S	PhD
1%	6%	3%	10%	9%	17%

