

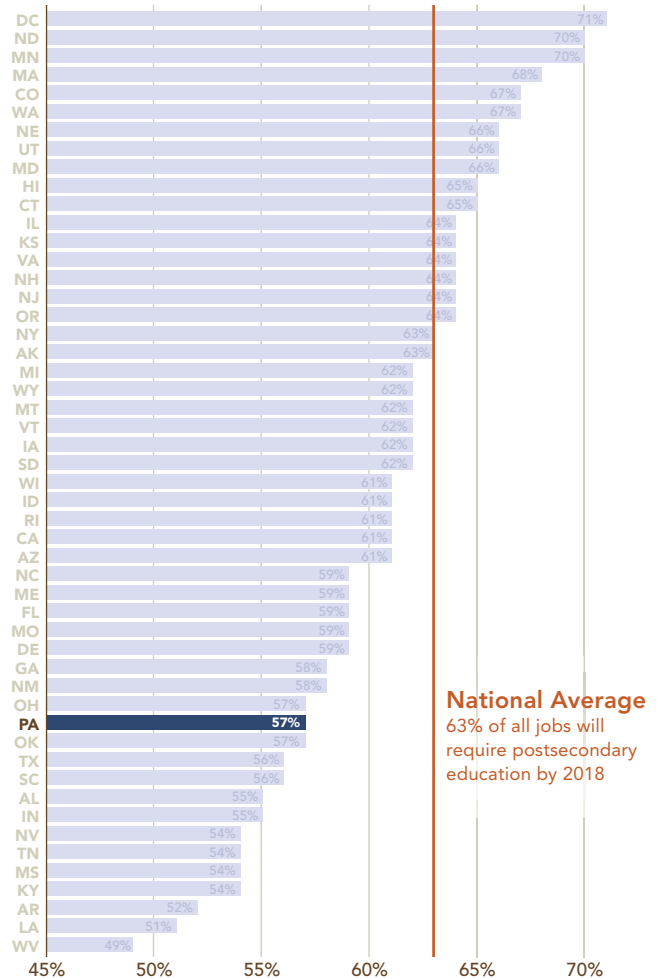
Pennsylvania

- Between 2008 and 2018, new jobs in Pennsylvania requiring postsecondary education and training will grow by 181,000 while jobs for high school graduates and dropouts will grow by 63,000.
- Between 2008 and 2018, Pennsylvania will create 1.8 million job vacancies both from new jobs and from job openings due to retirement.
- 1 million of these job vacancies will be for those with postsecondary credentials, 676,000 for high school graduates and 139,000 for high school dropouts.
- Pennsylvania ranks 25th in terms of the proportion of its 2018 jobs that will require a Bachelor's degree, and is 37th in jobs for high school dropouts.
- 57% of all jobs in Pennsylvania (3.5 million jobs) will require some postsecondary training beyond high school in 2018.

Job vacancies arise from two sources: There are brand new positions created as an occupation grows, and there are pre-existing jobs that people leave behind when they retire, or move into other occupations.

PENNSYLVANIA'S RANK IN JOBS FORECASTED FOR 2018, BY EDUCATION LEVEL.		
Education level	2018 Jobs	Rank
High school dropouts	478,000	37
High school graduates	2,331,000	3
Some college, no degree	1,098,000	48
Associate's degree	599,000	21
Bachelor's degree	1,213,000	25
Graduate degree	637,000	14

Percentage of jobs in 2018 that will require a postsecondary education, by state.



By 2018, **57%** of jobs in Pennsylvania will require postsecondary education.

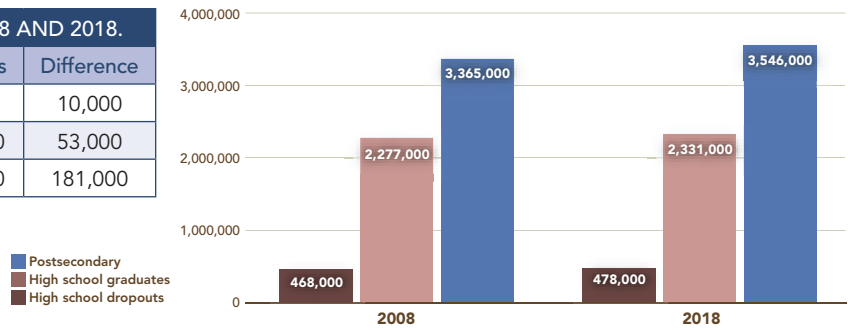
This is **6** percentage points below the national average of **63%**.

Pennsylvania ranks **39th** in postsecondary education intensity for 2018.

PENNSYLVANIA

CHANGE IN JOBS BY EDUCATION LEVEL: 2008 AND 2018.

Education level	2008 Jobs	2018 Jobs	Difference
High school dropouts	468,000	478,000	10,000
High school graduates	2,277,000	2,331,000	53,000
Postsecondary	3,365,000	3,546,000	181,000



WHERE THE JOBS WILL BE IN 2018, BY OCCUPATION AND EDUCATION LEVEL (in thousands of jobs)*

OCCUPATIONS		High school dropouts	High school graduates	Some college	Associate's degree	Bachelor's degree	Graduate degree	Total
Managerial and Professional Office	Management	9	52	41	23	91	49	265
	Business operations specialty	4	28	28	15	61	22	157
	Financial specialists	1	11	13	13	70	20	127
	Legal	0	4	3	4	6	30	48
STEM	Computer and mathematical science	0	12	21	16	68	29	147
	Architects and technicians	0	2	3	6	6	2	20
	Engineers and technicians	0	8	9	12	35	16	80
	Life and physical scientists	0	3	3	3	14	16	39
	Social scientists	0	1	2	1	7	17	28
Community Services and Arts	Community and social services	1	12	12	9	53	42	130
	Arts, design, entertainment, sports, and media	2	16	14	14	41	12	98
Education	Education	3	34	24	15	152	168	396
Healthcare	Healthcare practitioners	2	37	56	83	110	125	414
	Healthcare support	22	110	63	27	15	5	242
Food and Personal Services	Food preparation and serving	82	269	92	39	31	7	520
	Building and grounds cleaning and maintenance	45	119	27	10	10	1	212
	Personal care	16	91	38	15	25	4	189
	Protective services	6	42	31	14	22	3	118
Sales and Office Support	Sales	41	242	141	57	187	34	703
	Office and administrative support	40	433	259	126	142	25	1,025
Blue Collar	Farming, fishing and forestry	8	10	2	1	1	0	22
	Construction and extraction	37	150	39	17	12	2	257
	Installation, maintenance, and equipment repair	22	134	46	32	14	1	248
	Production	64	253	65	27	22	4	435
	Transportation and material moving	71	259	64	20	18	3	436
TOTAL**		478	2,331	1,098	599	1,213	637	6,355

*Zero does not necessarily mean no jobs. Since jobs are rounded to the nearest thousand, zero means less than 500 jobs.

**Total jobs are a snapshot of the economy that shows where jobs are located by education type. They differ from job vacancies because total jobs are filled by people currently working in these positions who may not be leaving in the short-term to create a job opening.