

PENNSYLVANIA

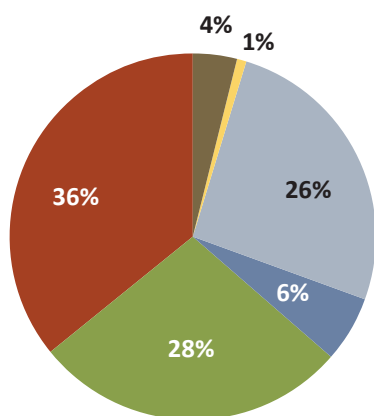
IN PENNSYLVANIA, the Marketing, Sales, and Services cluster will be the largest cluster overall, but Health Science will be the fastest growing. Jobs in the Health Science sector will increase by 17% by 2018.

Health Science will add the most jobs in Pennsylvania through 2018, while Agriculture, Food, and Natural Resources, Architecture and Construction, Government and Public Administration, Manufacturing, and Transportation, Distribution, and Logistics will lose jobs.

In 2018, 40% of all jobs in Pennsylvania will be found in the Business, Management and Administration, Marketing, Sales and Services, and Hospitality and Tourism clusters.

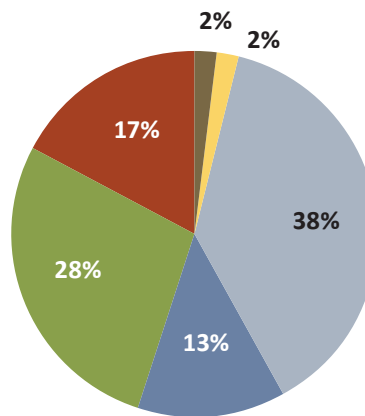
CLUSTER	JOBS IN 2008	JOBS IN 2018	DIFFERENCE	PERCENT CHANGE
Agriculture, Food, and Natural Resources	196,200	193,200	-3,000	-2
Architecture and Construction	386,500	382,400	-4,100	-1
Arts, A/V Technology, and Communications	88,800	93,900	5,200	6
Business, Management, and Administration	832,200	833,900	1,800	0
Education and Training	402,700	433,500	30,800	8
Finance	188,000	198,500	10,500	6
Government and Public Administration	78,600	77,600	-1,000	-1
Health Science	558,900	652,200	93,300	17
Hospitality and Tourism	741,200	785,800	44,600	6
Human Services	241,700	276,800	35,100	15
Information Technology	129,700	149,700	20,000	15
Law, Public Safety, Corrections and Security	174,500	185,400	10,900	6
Manufacturing	547,400	520,800	-26,600	-5
Marketing, Sales, and Service	880,800	914,500	33,700	4
Science, Technology, Engineering, and Mathematics	111,000	115,000	4,000	4
Transportation, Distribution, and Logistics	546,900	540,700	-6,200	-1
TOTAL	6,105,100	6,354,000	248,900	4

High School Jobs in Pennsylvania, 2018



2.6 million jobs

Postsecondary Jobs in Pennsylvania, 2018



3.7 million jobs

- Arts, A/V Technology and Communications
- Business, Management and Administration
- Health Science
- Human Services
- Industrial and Engineering Technology
- Agriculture, Food and Natural Resources

The largest cluster—Business, Management, and Administration—will require substantial postsecondary education in 2018. It will grow by 4% for those with postsecondary education and Y% for those without.

Jobs for high school graduates and high school dropouts will grow more slowly than jobs for those with postsecondary education.

In Pennsylvania by 2018, there will be about 630,000 jobs for those with certificates.

Certificates Required by Occupational Cluster in 2008 and 2018 (in thousands)

