

## MICHIGAN

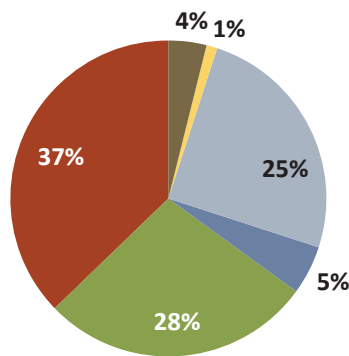
IN MICHIGAN, the Marketing, Sales, and Service cluster will be the largest cluster overall, but Health Science will be the fastest growing. Jobs in the Health Science sector will increase by 17% by 2018.

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

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

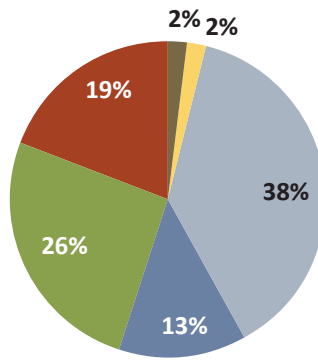
CLUSTER	JOBS IN 2008	JOBS IN 2018	DIFFERENCE	PERCENT CHANGE
Agriculture, Food, and Natural Resources	142,800	140,800	-2,000	-1
Architecture and Construction	250,600	242,600	-8,000	-3
Arts, A/V Technology, and Communications	59,100	59,500	400	1
Business, Management, and Administration	606,500	607,200	700	0
Education and Training	284,200	300,900	16,800	6
Finance	113,600	119,900	6,400	6
Government and Public Administration	53,600	54,600	1,100	2
Health Science	382,600	446,600	64,000	17
Hospitality and Tourism	553,400	585,000	31,600	6
Human Services	155,600	177,400	21,800	14
Information Technology	97,400	111,000	13,600	14
Law, Public Safety, Corrections and Security	113,500	120,000	6,500	6
Manufacturing	510,000	473,100	-36,900	-7
Marketing, Sales, and Service	608,400	641,200	32,800	5
Science, Technology, Engineering, and Mathematics	137,200	137,300	100	0
Transportation, Distribution, and Logistics	364,900	357,500	-7,300	-2
<b>TOTAL</b>	<b>4,433,200</b>	<b>4,574,600</b>	<b>141,400</b>	<b>3</b>

### High School Jobs in Michigan, 2018



1.9 million jobs

### Postsecondary Jobs in Michigan, 2018



2.7 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 5% for those with postsecondary education and 2% for those without.

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

In Michigan by 2018, there will be about 451,000 jobs for those with certificates.

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

