

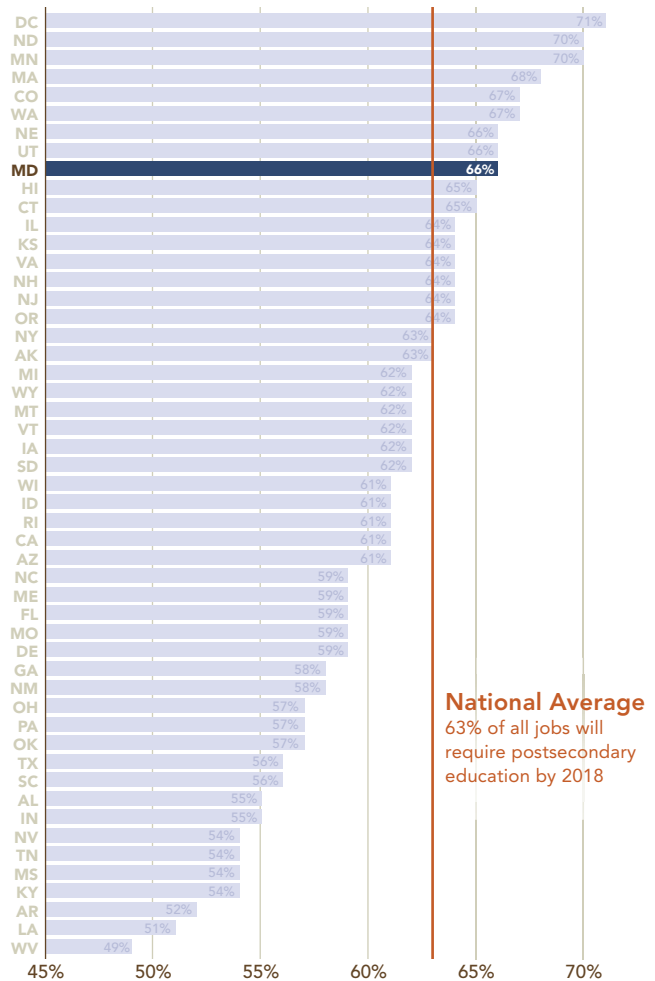
Maryland

- Between 2008 and 2018, new jobs in Maryland requiring postsecondary education and training will grow by 213,000 while jobs for high school graduates and dropouts will grow by 107,000.
- Between 2008 and 2018, Maryland will create 908,000 job vacancies both from new jobs and from job openings due to retirement.
- 569,000 of these job vacancies will be for those with postsecondary credentials, 250,000 for high school graduates and 88,000 for high school dropouts.
- Maryland ranks 11th in terms of the proportion of its 2018 jobs that will require a Bachelor's degree, and is 30th in jobs for high school dropouts.
- 66% of all jobs in Maryland (2 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.

| MARYLAND'S RANK IN JOBS FORECASTED FOR 2018, BY EDUCATION LEVEL. | | |
|--|-----------|------|
| Education level | 2018 Jobs | Rank |
| High school dropouts | 305,000 | 30 |
| High school graduates | 863,000 | 41 |
| Some college, no degree | 628,000 | 38 |
| Associate's degree | 239,000 | 44 |
| Bachelor's degree | 652,000 | 11 |
| Graduate degree | 446,000 | 3 |

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

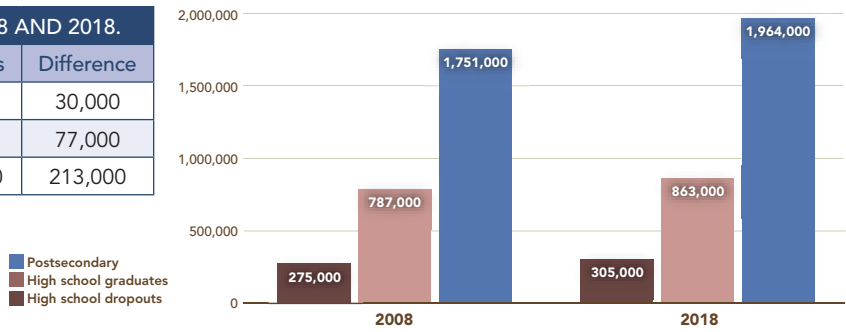


By 2018, **66%** of jobs in Maryland will require postsecondary education. This is **3** percentage points above the national average of **63%**. Maryland ranks **9th** in postsecondary education intensity for 2018.

MARYLAND

CHANGE IN JOBS BY EDUCATION LEVEL: 2008 AND 2018.

| Education level | 2008 Jobs | 2018 Jobs | Difference |
|-----------------------|-----------|-----------|------------|
| High school dropouts | 275,000 | 305,000 | 30,000 |
| High school graduates | 787,000 | 863,000 | 77,000 |
| Postsecondary | 1,751,000 | 1,964,000 | 213,000 |



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 | 5 | 28 | 34 | 12 | 60 | 45 | 184 |
| | Business operations specialty | 2 | 14 | 23 | 9 | 40 | 23 | 111 |
| | Financial specialists | 0 | 5 | 8 | 6 | 37 | 16 | 71 |
| | Legal | 0 | 2 | 3 | 2 | 4 | 21 | 32 |
| STEM | Computer and mathematical science | 0 | 7 | 23 | 10 | 53 | 33 | 127 |
| | Architects and technicians | 0 | 2 | 2 | 1 | 4 | 3 | 11 |
| | Engineers and technicians | 0 | 4 | 7 | 5 | 20 | 18 | 54 |
| | Life and physical scientists | 0 | 1 | 1 | 1 | 8 | 21 | 32 |
| | Social scientists | 0 | 0 | 1 | 0 | 3 | 12 | 17 |
| Community Services and Arts | Community and social services | 1 | 4 | 7 | 3 | 15 | 22 | 52 |
| | Arts, design, entertainment, sports, and media | 1 | 6 | 9 | 3 | 24 | 11 | 55 |
| Education | Education | 2 | 15 | 18 | 8 | 74 | 94 | 210 |
| Healthcare | Healthcare practitioners | 2 | 12 | 20 | 33 | 51 | 60 | 179 |
| | Healthcare support | 8 | 36 | 27 | 9 | 7 | 3 | 90 |
| Food and Personal Services | Food preparation and serving | 62 | 100 | 41 | 15 | 20 | 4 | 242 |
| | Building and grounds cleaning and maintenance | 44 | 49 | 16 | 6 | 6 | 1 | 122 |
| | Personal care | 11 | 34 | 21 | 7 | 13 | 4 | 90 |
| | Protective services | 3 | 23 | 28 | 10 | 17 | 4 | 85 |
| Sales and Office Support | Sales | 24 | 99 | 79 | 24 | 94 | 23 | 343 |
| | Office and administrative support | 21 | 164 | 152 | 46 | 72 | 20 | 475 |
| Blue Collar | Farming, fishing and forestry | 2 | 3 | 1 | 0 | 1 | 0 | 7 |
| | Construction and extraction | 54 | 79 | 29 | 7 | 8 | 1 | 178 |
| | Installation, maintenance, and equipment repair | 14 | 53 | 28 | 9 | 7 | 2 | 113 |
| | Production | 17 | 45 | 18 | 5 | 6 | 2 | 93 |
| | Transportation and material moving | 31 | 77 | 31 | 8 | 10 | 2 | 159 |
| TOTAL** | | 305 | 863 | 628 | 239 | 652 | 446 | 3,132 |

*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.