• Between 2008 and 2018, new jobs in Virginia requiring postsecondary education and training will grow by 389,000 while jobs for high school graduates and dropouts will grow by 150,000.

• Between 2008 and 2018, Virginia will create 1.3 million job vacancies both from new jobs and from job openings due to retirement.

• 820,000 of these job vacancies will be for those with postsecondary credentials, 363,000 for high school graduates and 131,000 for high school dropouts.

• Virginia ranks 10th in terms of the proportion of its 2018 jobs that will require a Bachelor’s degree, and is 28th in jobs for high school dropouts.

• 64% of all jobs in Virginia (2.8 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.

By 2018, 64% of jobs in Virginia will require postsecondary education.

This is 1 percentage point above the national average of 63%.

Virginia ranks 14th in postsecondary education intensity for 2018.
## Change in Jobs by Education Level: 2008 and 2018

<table>
<thead>
<tr>
<th>Education Level</th>
<th>2008 Jobs</th>
<th>2018 Jobs</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>High school dropouts</td>
<td>413,000</td>
<td>451,000</td>
<td>37,000</td>
</tr>
<tr>
<td>High school graduates</td>
<td>1,140,000</td>
<td>1,253,000</td>
<td>113,000</td>
</tr>
<tr>
<td>Postsecondary</td>
<td>2,441,000</td>
<td>2,830,000</td>
<td>389,000</td>
</tr>
</tbody>
</table>

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

## Where the Jobs Will Be in 2018, by Occupation and Education Level

### Occupations

#### Managerial and Professional Office
- Management: 7, 33, 39, 14, 77, 51, 222
- Business operations specialty: 3, 24, 30, 15, 66, 42, 180
- Financial specialists: 1, 7, 13, 9, 55, 21, 105
- Legal: 0, 2, 3, 1, 7, 27, 40

#### STEM
- Computer and mathematical science: 1, 15, 40, 20, 109, 67, 253
- Architects and technicians: 0, 2, 4, 3, 7, 4, 20
- Engineers and technicians: 0, 6, 10, 7, 33, 20, 76
- Life and physical scientists: 0, 2, 2, 1, 8, 12, 26
- Social scientists: 0, 0, 1, 1, 7, 20, 29

#### Community Services and Arts
- Community and social services: 2, 5, 6, 4, 25, 26, 68
- Arts, design, entertainment, sports, and media: 1, 8, 13, 6, 40, 17, 85

#### Education
- Education: 3, 18, 27, 12, 115, 109, 285

#### Healthcare
- Healthcare practitioners: 1, 16, 33, 45, 56, 65, 217
- Healthcare support: 13, 39, 32, 11, 8, 3, 106

#### Food and Personal Services
- Food preparation and serving: 82, 140, 60, 15, 28, 5, 332
- Building and grounds cleaning and maintenance: 63, 73, 23, 6, 9, 2, 176
- Personal care: 14, 48, 32, 11, 19, 6, 129
- Protective services: 3, 31, 34, 12, 25, 6, 111

#### Sales and Office Support
- Sales: 40, 157, 122, 38, 128, 29, 513
- Office and administrative support: 30, 214, 216, 73, 121, 28, 682

#### Blue Collar
- Farming, fishing and forestry: 5, 4, 1, 0, 1, 0, 11
- Construction and extraction: 70, 106, 40, 9, 12, 3, 239
- Installation, maintenance, and equipment repair: 25, 77, 43, 19, 11, 2, 176
- Production: 35, 100, 40, 11, 11, 2, 199
- Transportation and material moving: 52, 126, 46, 12, 15, 3, 254

**Total**

<table>
<thead>
<tr>
<th></th>
<th>2008</th>
<th>2018</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>High school dropouts</td>
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<td>2,441,000</td>
<td>2,830,000</td>
<td>389,000</td>
</tr>
<tr>
<td>Total**</td>
<td>3,000,000</td>
<td>500,000</td>
<td>1,000,000</td>
</tr>
<tr>
<td></td>
<td>1,500,000</td>
<td>1,253,000</td>
<td>247,000</td>
</tr>
</tbody>
</table>

**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.**