Across the globe, male students expressed science and engineering career expectations at twice the rate of young women in the 2018 PISA survey. However, the U.S. stands out for having one of the lowest proportion (6%) of 15 year-old young women who indicate aspirations to pursue science and engineering careers.

### From STEM Degrees to STEM Workforce

#### Women

- **S&E**: 49.6%
  - Science & engineering degrees were earned by women in 2018, and they comprised about **29.4% of those in S&E jobs** in 2019

#### Women of Color

- **S&E**: 17.8%
  - Bachelor's degrees in science and engineering were earned by Women of Color in 2018, and they made up only **10.8% of those in S&E jobs** in 2019

- **Engineering**: 6.7%
  - Bachelor's degrees in engineering were earned by Women of Color in 2018, and they comprised only **5.6% of those in engineering jobs** in 2019
### Women in the Engineering Workforce

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>14%</td>
<td>Of engineers are women</td>
</tr>
<tr>
<td>25%</td>
<td>Of computer scientists are women</td>
</tr>
<tr>
<td>18%</td>
<td>Of tenured/tenure-track faculty in engineering are women</td>
</tr>
</tbody>
</table>

### Women Leaving Engineering/STEM

- **Over 32%** of women switch out of STEM degree programs in college.
- **Only 30%** of women who earn bachelor's degrees in engineering are still working in engineering 20 years later.
- **30%** of women who have left the engineering profession cite organizational climate as the reason.

### Sources:

5. OECD, PISA 2018 Database, *Table II.B1.8.19*.