The BLS periodic table of science, technology, engineering and mathematics (STEM) occupations

The periodic table of chemical elements, created by Dmitry Mendeleev in 1869, is one of the most important achievements in modern science. To celebrate this achievement, BLS has created our own periodic table! Instead of elements, we have used Science, Technology, Engineering and Math (STEM) occupations. Workers in STEM occupations use science and mathematics to understand how the world works and to solve problems.

<table>
<thead>
<tr>
<th>STEM GROUP</th>
<th>Typical education needed for entry</th>
<th>Employment Change, projected 2016–26</th>
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</thead>
<tbody>
<tr>
<td>Example occupation</td>
<td>Median annual wage, 2018</td>
<td>Median annual wage, 2016</td>
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</tbody>
</table>

**BACHELOR’S DEGREE:**
- **Ch**: Chemists (6.5%)
  - Chemistry (median annual wage: $77k)
- **Cm**: Computer and information systems managers (12.0%)
  - Computer Science (median annual wage: $143k)
- **Et**: Chemical technicians (4.0%)
  - Environmental Science (median annual wage: $48k)
- **Cp**: Chemistry teachers, postsecondary (9.9%)
  - Chemistry (median annual wage: $80k)
- **Ct**: Civil engineering technicians (16.4%)
  - Civil engineering (median annual wage: $103k)
- **Ce**: Chemical engineers (7.5%)
  - Chemical engineering (median annual wage: $105k)
- **Me**: Mechanical engineers (8.8%)
  - Mechanical engineering (median annual wage: $87k)
- **Mi**: Microbiologists (8.8%)
  - Microbiology (median annual wage: $72k)
- **Ep**: Epidemiologists (8.8%)
  - Public health (median annual wage: $70k)
- **Sa**: Statisticians (33.8%)
  - Statistics (median annual wage: $102k)

**ASSOCIATE’S DEGREE:**
- **Et**: Chemical technicians (4.0%)
  - Environmental Science (median annual wage: $48k)
- **Ct**: Civil engineering technicians (12.1%)
  - Civil engineering (median annual wage: $46k)
- **Mi**: Microbiologists (8.2%)
  - Microbiology (median annual wage: $72k)
- **So**: Soil and plant scientists (11.1%)
  - Soil science (median annual wage: $64k)

**Masters’ Degree:**
- **Ep**: Epidemiologists (8.8%)
  - Public health (median annual wage: $70k)
- **Ma**: Mathematicians (9.9%)
  - Mathematics (median annual wage: $79k)
- **Sa**: Statisticians (33.8%)
  - Statistics (median annual wage: $88k)

**Doctoral or Professional Degree:**
- **Ac**: Actuaries (14.0%)
  - Mathematics (median annual wage: $91k)
- **En**: Environmental scientists and specialists, including health (8.8%)
  - Environmental science (median annual wage: $80k)
- **Pp**: Physics teachers, postsecondary (10.0%)
  - Physics (median annual wage: $91k)
- **Ge**: Geoscientists, except hydrologists and geographers (9.9%)
  - Geology (median annual wage: $89k)
- **Hy**: Hydrologists (16.4%)
  - Hydrology (median annual wage: $53k)

The BLS would like to thank the Nebraska Department of Labor for the original idea for this table.