## Comparison of Selected Industries*

**Percent of Total USA Manufacturing GDP**

<table>
<thead>
<tr>
<th>Industry</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forest Products</td>
<td>6.2%</td>
</tr>
<tr>
<td>Fabricated metal products</td>
<td>8.6%</td>
</tr>
<tr>
<td>Machinery</td>
<td>7.3%</td>
</tr>
<tr>
<td>Computer and electronic products</td>
<td>8.9%</td>
</tr>
<tr>
<td>Motor vehicles, bodies and trailers, and parts</td>
<td>6.3%</td>
</tr>
<tr>
<td>Other transportation equipment</td>
<td>4.7%</td>
</tr>
<tr>
<td>Electrical equipment, appliances and components</td>
<td>3.2%</td>
</tr>
<tr>
<td>Petroleum and coal products</td>
<td>4.2%</td>
</tr>
<tr>
<td>Chemical products</td>
<td>13.8%</td>
</tr>
<tr>
<td>Plastics and rubber products</td>
<td>4.5%</td>
</tr>
</tbody>
</table>

* Data from the U.S. Department of Commerce, 2005
The world population
Waves of Innovation

1st Wave
- Iron
- Water Power
- Mechanization
- Textiles
- Commerce

2nd Wave
- Steam Power
- Railroad
- Steel
- Cotton

3rd Wave
- Electricity
- Chemicals
- Internal Combustion Engine

4th Wave
- Petrochemicals
- Plastics
- Electronics
- Aviation
- Space

5th Wave
- Digital Networks
- Biotechnology
- Software
- Information Technology

6th Wave
- Sustainability
- Radical Resource
- Productivity
- Whole system design
- Wisdom
- Biomimicry
- Green Chemistry
- Industrial ecology
- Renewable energy
- Green Nanotechnology

Source: Natural Edge

Adapted from L Hunter Lovins 2008