AUTOMOTIVE MANUFACTURING

INDUSTRY STRENGTHS

ENGINEERING: Michigan employs more industrial and mechanical engineers than any other state. West Michigan ranked #3 for new engineering jobs and #2 for advanced manufacturing by Change the Equation.

INVESTMENT: Automakers and suppliers have invested $10.6 billion in Michigan since 2010 and continue to invest heavily in the state.

CENTRAL: 61 of the top 100 automotive suppliers to the world are headquartered in Michigan.

TOOL & DIE: Michigan hosts more automotive tool and die makers than any other state (1,089 establishments).

COLLABORATION: West Michigan’s Manufacturers Council is comprised of over 35 regional manufacturers working in collaboration to strengthen the industry in the area.

NOTABLE AUTOMOTIVE MANUFACTURING COMPANIES

<table>
<thead>
<tr>
<th>COMPANY</th>
<th>COMMUNITY</th>
<th>EMPLOYEES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gentex</td>
<td>Holland/Zeeland, MI</td>
<td>3,700</td>
</tr>
<tr>
<td>Lacks Industries Inc.</td>
<td>Grand Rapids, MI</td>
<td>2,800</td>
</tr>
<tr>
<td>Ventra</td>
<td>Grand Rapids and Ionia, MI</td>
<td>2,385</td>
</tr>
<tr>
<td>Johnson Controls, Inc.</td>
<td>Holland and Grand Rapids, MI</td>
<td>2,000+</td>
</tr>
<tr>
<td>ADAC Automotive</td>
<td>Grand Rapids and Muskegon, MI</td>
<td>1,340</td>
</tr>
<tr>
<td>Shape Corp.</td>
<td>Grand Haven, MI</td>
<td>1,700</td>
</tr>
<tr>
<td>Cascade Engineering</td>
<td>Grand Rapids, MI</td>
<td>700</td>
</tr>
<tr>
<td>Royal Technologies</td>
<td>Hudsonville, MI</td>
<td>873</td>
</tr>
</tbody>
</table>

See Map on Back

SECTOR OVERVIEW

TOTAL JOBS: 38,980

LOCATION QUOTIENT: 4.49 (5.81 for Motor Vehicle Parts Mfg—largest section of jobs within cluster)

JOB GROWTH 2013–2017: 12.1% (National Rate: 11.5%)

TOTAL ESTABLISHMENTS: 407

AVERAGE EARNINGS: $71,754 (National Average: $72,480)
AUTOMOTIVE MANUFACTURING CLUSTERS AND NOTABLE COMPANIES

- Holland
- Allegan
- Portland
- Hastings
- Ionia
- Grand Haven
- Muskegon
- Greenville
- Ludington
- Additional Automotive Companies