Aerospace Manufacturing

This cluster produces aircraft, space vehicles, guided missiles, and related parts as well as the necessary search and navigation equipment used by these products. The technical report, Metropolitan Chicago’s traded industry clusters, offers extensive data on the characteristics and performance of the Chicago region’s core industrial assets since 2001, available for download at https://cmap.is/Traded-Clusters.

In the Chicago region in 2017, this cluster consisted of

- **$0.8 billion** total output
- **3,200** jobs
- **30** establishments
- **-81%** fewer jobs than national average

Workers in this cluster tend to be **less** racially diverse than the regional labor force.
- **38%** non-white
- **30%** female
- **40%** over age 50

- **7%** commute by transit

In recent years, the cluster’s competitive position held steady as it remained **unspecialized** in the national context.

<table>
<thead>
<tr>
<th>Largest occupations</th>
<th>Chicago</th>
<th>Los Angeles</th>
<th>Dallas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical Assemblers</td>
<td>+14%</td>
<td>-33%</td>
<td>-9%</td>
</tr>
<tr>
<td>Fabricators</td>
<td>+19%</td>
<td></td>
<td></td>
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<tr>
<td>Software Developers</td>
<td></td>
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<tr>
<td>Industrial Engineers</td>
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<tr>
<td>Machinists</td>
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</tbody>
</table>

Middle-skill workers have **greater** opportunity than the regional average.

- **$36,096** 25th
- **$65,584** 50th
- **$90,448** 75th

- **57%** of workers have an associate’s degree or higher
- **34%** of jobs typically require at least 2 months of on-the-job training

In 2016, this cluster generated approximately **$10.7 billion** in freight shipments that originate, terminate, or circulate regionally.

- **65%** Truck
- **27%** Multimodal
- **1%** Rail

Source: CMAP analysis of Economic Modeling Specialists International data (Emsi 2018.4).

Note: Job change is from 2001-17, and total output change is from 2007-17.


\[\text{Truck} \quad \text{Multimodal} \quad \text{Rail}\]

\[\text{Chicago region} \quad \text{Midwest} \quad \text{Rest of U.S.} \quad \text{Global}\]

Source: CMAP analysis of Freight Analysis Framework data (FAF 4.4.1).

Note: Data includes only the Illinois portion of the U.S. Census Bureau combined statistical area. Freight data is not provided for service clusters.