Computer Technology

This cluster manufactures information technology and analytical products like computers, software, audio visual equipment, laboratory instruments, and related standard and precision electronics like circuit boards. 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](https://cmap.is/Traded-Clusters).

In the Chicago region in 2017, this cluster consisted of

- **$5.0 billion** total output
- **21,500** jobs
- **990** establishments

Workers in this cluster tend to be **less** racially diverse than the regional labor force.

- **38%** non-white
- **30%** female
- **41%** 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></th>
<th>Chicago</th>
<th>Boston</th>
<th>San Francisco</th>
</tr>
</thead>
<tbody>
<tr>
<td>jobs</td>
<td>-39%</td>
<td>-28%</td>
<td>-13%</td>
</tr>
<tr>
<td>total output</td>
<td>+17%</td>
<td>+19%</td>
<td>+54%</td>
</tr>
</tbody>
</table>

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

- **$36,100** 25th percentile
- **$69,431** 50th percentile
- **$93,002** 75th percentile

64% of workers have an associate’s degree or higher

32% of jobs typically require at least 2 months of on-the-job training

In 2016, this cluster generated approximately **$38.8 billion** in freight shipments that originate, terminate, or circulate regionally.

- **59%** Truck
- **32%** Multimodal
- **1%** Rail

**10%** Chicago region

**17%** Midwest

**43%** Rest of U.S.

**30%** 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.