Medical Devices

This cluster manufactures surgical, medical, dental, optical, ophthalmic, and veterinary instruments and supplies. 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

- **$3.1 billion** total output
- **10,600** jobs
- **220** establishments

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

- 41% non-white
- 40% female
- 38% over age 50

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

- **$32,754**
- **$38,349**
- **$60,741**

wage percentiles

- 25th
- 50th
- 75th

- 57% of workers have an associate’s degree or higher
- 55% of jobs typically require at least 2 months of on-the-job training

In 2016, this cluster generated approximately **$73.5 billion** in freight shipments that originate, terminate, or circulate regionally.

- **43%** Truck
- **51%** Multimodal
- **1%** Rail

Freight mode share, by value

- 28% Chicago region
- 29% Midwest
- 34% Rest of U.S.
- 9% 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.

In recent years, the cluster’s competitive position strengthened as it became more specialized in the national context.

- -25% jobs
- +2% total output

- +19% jobs
- +11% total output

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.