Chicago Fed Midwest Manufacturing Index

Midwest Manufacturing Output Decreased in February

The Chicago Fed Midwest Manufacturing Index (CFMMI) decreased 0.4% in February, to a seasonally adjusted level of 83.8 (2002 = 100). Revised data show the index declined 6.7% in January, to 84.2. The Federal Reserve Board’s industrial production index for manufacturing (IPMFG) fell 0.7% in February. Regional output in February was down 22.2% from a year earlier—lower than the 13.8% decrease in national output.

Three of the four regional industry sectors decreased in February:

- Regional steel sector output moved down 4.7%;
- Regional machinery sector output decreased 4.2%;
- Regional resource sector output edged down 0.1%; and
- Regional auto sector production rose 7.7%.

The region’s steel sector output moved down 4.7% in February after declining 6.2% in January. The nation’s steel output was down 2.7% in February. Regional steel output dropped 30.8% from its February 2008 level, and national steel output fell 21.2%.

The Midwest’s machinery sector output decreased 4.2% in February after moving down 3.1% in January. The nation’s machinery output decreased 2.8% in February. Regional machinery output in February was 18.9% below year-earlier levels, and national machinery output was down 14.2%.

The Midwest resource sector’s output edged down 0.1% in February after decreasing 0.8% in January. The increase from January to February in food production was offset by decreases in the other four subsectors—chemical, paper, wood, and nonmetallic mineral production. The national resource sector’s output ticked down 0.1% in February. Compared with a year ago, regional resource output was down 10.9% in February, and the national resource output declined 9.5%.

Regional auto sector production rose 7.7% in February after dropping 21.7% in January. The nation’s auto output increased 2.1% in February. The Midwest’s automotive output was down 38.0% in February relative to its year-ago value, and the nation’s auto output was down 22.5%.

— William A. Strauss • Senior Economist and Economic Advisor • 312-322-8151
The Chicago Fed Midwest Manufacturing Index (CFMMI) is a monthly estimate of manufacturing output in the region by major industry. The Midwest is defined as the five states comprising the Seventh Federal Reserve District: Illinois, Indiana, Iowa, Michigan, and Wisconsin. The CFMMI is a composite index of 15 manufacturing industries (identified by 3-digit NAICS codes) that uses hours worked data to measure monthly changes in regional activity. The CFMMI provides a regional comparison with the manufacturing component of the Industrial Production Index (IPMFG) compiled by the Federal Reserve Board. Although the IPMFG is constructed differently than the CFMMI, it also uses hours worked data as measures of industry output for about 60 percent of its total production index.