

Chicago Fed Midwest Manufacturing Index

Midwest Manufacturing Output Increased in August

The Chicago Fed Midwest Manufacturing Index (CFMMI) increased 0.6% in August, to a seasonally adjusted level of 85.0 (2007 = 100). Revised data show the index increased 0.3% in July. The Federal Reserve Board's industrial production index for manufacturing (IPMFG) increased 0.4% in August. Regional output in August rose 7.6% from a year earlier, and national output increased 4.2%.

Production in three of the four regional sectors increased in August:

- Regional machinery sector production increased 1.4%;
- Regional auto sector production moved up 0.8%;
- Regional steel sector output rose 0.8%; and
- Regional resource sector output decreased 0.1%.

The Midwest's machinery sector production increased 1.4% in August after decreasing 0.7% in July. The nation's machinery production rose 0.7% in August. Regional machinery output in August was up 12.8% from its year-earlier level, and national machinery output was up 6.4%.

The region's auto sector production moved up 0.8% in August after increasing 1.5% in July. National auto output rose 1.4% in August. The Midwest's automotive output was up 10.3% in August relative to its year-ago level, and national automotive output was up 7.2%.

The region's steel sector output rose 0.8% in August after moving up 1.0% in the previous month. The nation's steel output improved 0.4% in August. Regional steel output was up 17.1% from its August 2010 level, and national steel output was up 10.3%.

The Midwest resource sector's output decreased 0.1% in August after a 0.2% decline in the previous month. The national resource sector's output was unchanged in August. The food, wood, paper, and nonmetallic subsectors of the regional resource sector decreased from July to August, but the chemical subsector increased. Compared with a year ago, regional resource output was down 0.8% in August but national resource output was up 0.2%.

— *William A. Strauss* • Senior Economist and Economic Advisor • 312-322-8151

**Embargoed for release:
September 27, 2011
8:30 am Eastern Time
7:30 am Central Time**

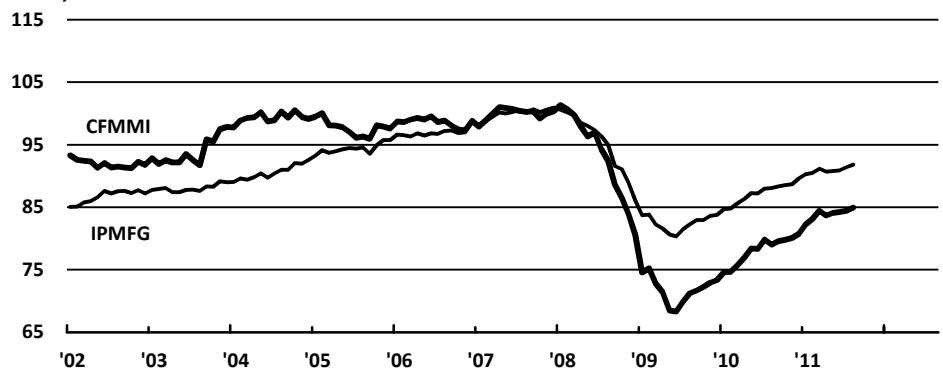
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**2011 Release Dates:
October 27, 2011
November 28, 2011
December 27, 2011**

Chicago Fed Midwest Manufacturing Index

Index, 2007=100



**The next CFMMI will be released:
October 27, 2011
8:30 am Eastern Time
7:30 am Central Time**

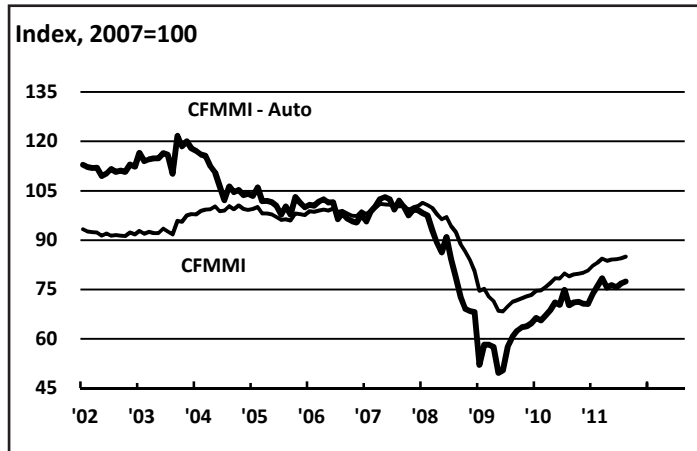
**FEDERAL RESERVE BANK
OF CHICAGO**

Manufacturing Output Indexes

	percent change from		
	1 month ago	3 months ago	1 year ago
Chicago Fed Midwest Manufacturing Index (CFMMI)	0.6	1.1	7.6
US Industrial Production-Manufacturing (IPMFG)	0.4	1.1	4.2

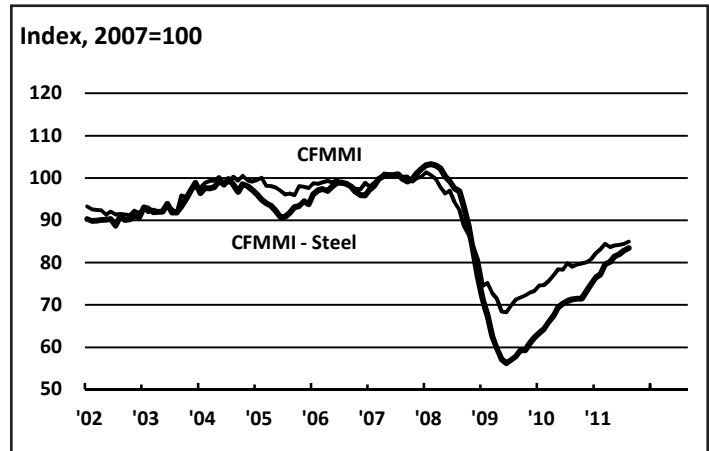
Tracking Midwest Manufacturing Activity by Sectors — August

Auto Sector



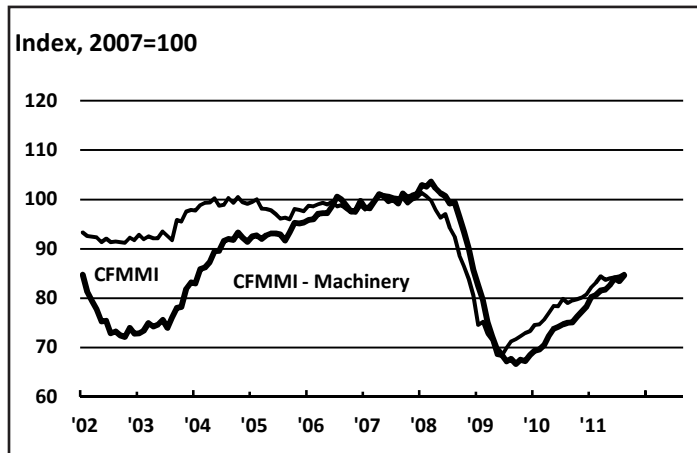
Auto Sector CFMMI Components:
Plastics and Rubber Products; Transportation Equipment

Steel Sector



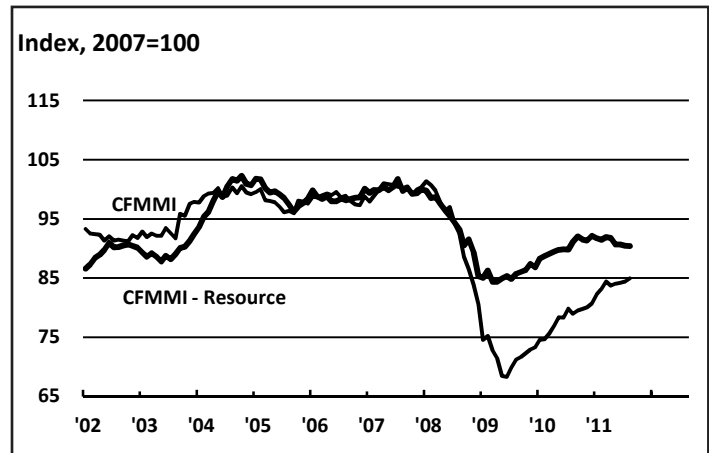
Steel Sector CFMMI Components:
Primary Metal Industries; Fabricated Metal Products

Machinery Sector



Machinery Sector CFMMI Components:
Machinery; Computer and Electronic Products; Electrical Equipment, Appliance, and Components Manufacturing

Resource Sector



Resource Sector CFMMI Components:
Food; Wood Products; Paper; Chemicals; Nonmetallic Mineral Products

Manufacturing Activity: Summary Table

	Index, 2007=100			Percentage Change			
	Jun 11	Jul 11	Aug 11	Monthly			Annual
				Jun 11	Jul 11	Aug 11	Aug 10 - Aug 11
CFMMI	84.2	84.4	85.0	0.2	0.3	0.6	7.6
CFMMI - Auto	75.7	76.8	77.4	-0.9	1.5	0.8	10.3
CFMMI - Steel	82.0	82.8	83.5	0.7	1.0	0.8	17.1
CFMMI - Machinery	84.0	83.5	84.6	1.6	-0.7	1.4	12.8
CFMMI - Resource	90.7	90.5	90.4	0.0	-0.2	-0.1	-0.8
IPMFG	90.9	91.4	91.8	0.1	0.6	0.4	4.2

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.

CFMMI and IPMFG historical data are available on the Federal Reserve Bank of Chicago's Web site at <http://www.chicagofed.org>.