

## News Release

Embargoed for release:  
**8:30 am Eastern Time**  
**7:30 am Central Time**  
**April 28, 2017**

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### What is the Midwest Economy Index?

The index is a weighted average of 129 state and regional indicators encompassing the entirety of the five states in the Seventh Federal Reserve District (Illinois, Indiana, Iowa, Michigan, and Wisconsin). The index measures growth in nonfarm business activity based on indicators of four broad sectors of the Midwest economy: 1) manufacturing, 2) construction and mining, 3) services, and 4) consumer spending.

### Why are there two index values?

Over long periods, growth in Midwest economic activity has historically tended to coincide with growth in national economic activity. However, over shorter periods of time this has not always been the case. To highlight such differences, we construct two separate index values. The MEI captures both national and regional factors driving Midwest growth, and the relative MEI provides a picture of Midwest growth conditions relative to those of the nation.

### What do the index numbers mean?

A zero value for the MEI has been associated with the Midwest economy expanding at its historical trend (average) rate of growth; positive values with above-average growth (in standard deviation units); and negative values with below-average growth. A zero value for the relative MEI has been associated with the Midwest economy growing at a rate historically consistent with the growth of the national economy; positive values with above-average relative growth (in standard deviation units); and negative values with below-average relative growth.

**The next MEI will be released:**  
**May 31, 2017**  
**8:30 am Eastern Time**  
**7:30 am Central Time**

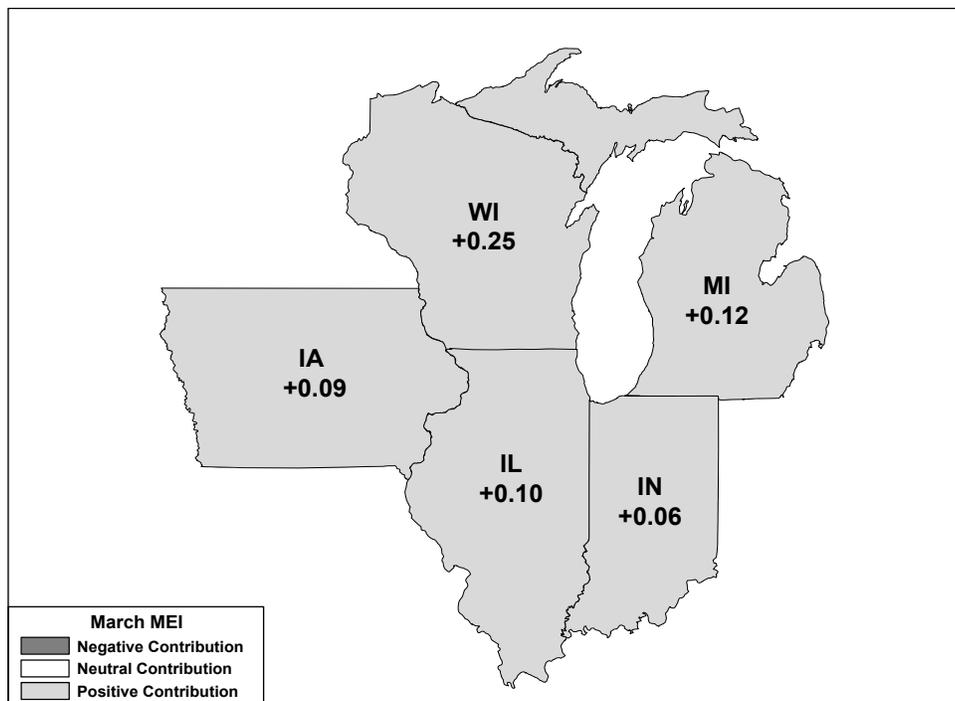
**FEDERAL RESERVE BANK  
 OF CHICAGO**

# Midwest Economy Index

## Index points to increased Midwest economic growth in March

The Midwest Economy Index (MEI) rose to +0.60 in March from +0.28 in February. All four broad sectors of nonfarm business activity and all five Seventh Federal Reserve District states made positive contributions to the MEI in March. The relative MEI increased to +0.40 in March from +0.23 in February. All four sectors and four of the five states made positive contributions to the relative MEI in March.

### MEI and the Seventh Federal Reserve District States



Note: The map's shading summarizes the most recent contribution to growth in Midwest economic activity from each of the five states in the Seventh Federal Reserve District (Illinois, Indiana, Iowa, Michigan, and Wisconsin).

### Sectoral and Geographic Contributions to the MEI and Relative MEI

#### March 2017

MEI	Illinois	Indiana	Iowa	Michigan	Wisconsin	Regional	
<b>Manufacturing</b>	+0.02	+0.02	+0.03	+0.06	+0.12	-0.02	<b>+0.22</b>
<b>Construction</b>	+0.01	+0.04	0.00	+0.04	+0.04	0.00	<b>+0.13</b>
<b>Services</b>	+0.03	-0.01	+0.03	+0.01	+0.05	0.00	<b>+0.11</b>
<b>Consumer</b>	+0.04	+0.01	+0.03	+0.01	+0.04	0.00	<b>+0.13</b>
	<b>+0.10</b>	<b>+0.06</b>	<b>+0.09</b>	<b>+0.12</b>	<b>+0.25</b>	<b>-0.02</b>	<b>+0.60</b>

Relative MEI	Illinois	Indiana	Iowa	Michigan	Wisconsin	Regional	
<b>Manufacturing</b>	-0.01	+0.01	-0.01	+0.04	+0.09	+0.03	<b>+0.14</b>
<b>Construction</b>	+0.02	+0.06	-0.01	+0.05	+0.05	0.00	<b>+0.16</b>
<b>Services</b>	0.00	-0.07	+0.05	-0.03	+0.06	0.00	<b>+0.02</b>
<b>Consumer</b>	+0.02	0.00	+0.01	+0.01	+0.03	+0.01	<b>+0.08</b>
	<b>+0.03</b>	<b>0.00</b>	<b>+0.04</b>	<b>+0.07</b>	<b>+0.22</b>	<b>+0.04</b>	<b>+0.40</b>

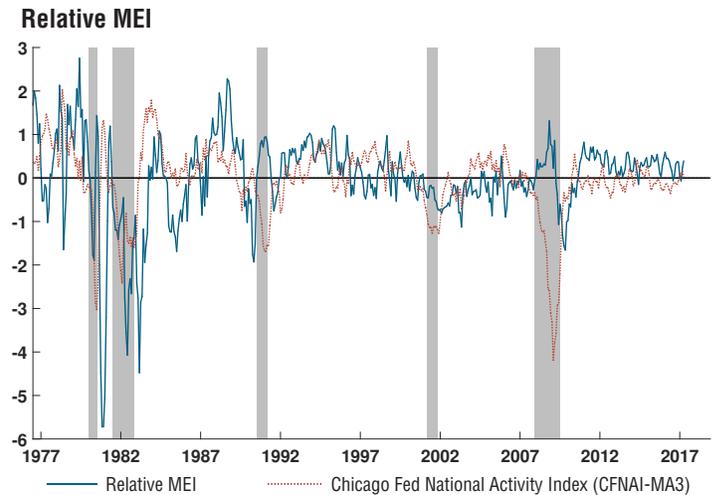
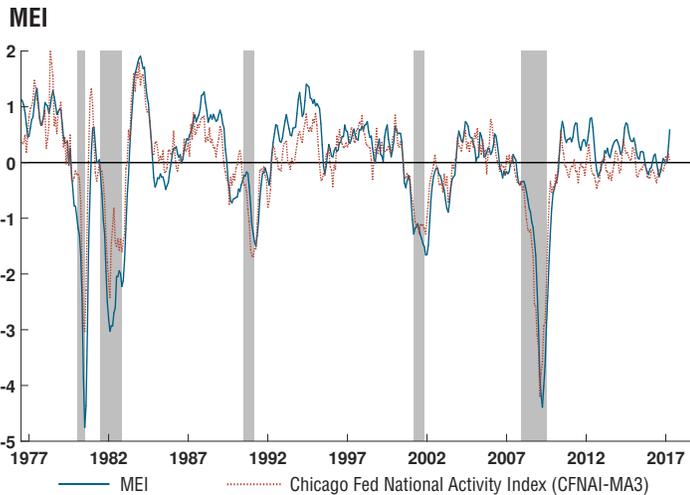
Notes: The table summarizes the most recent contribution to the MEI and relative MEI by sector and geography. The sectoral (rows) and geographic (columns) contributions may not sum to the index in each time period because of rounding. Manufacturing and construction and mining are composed of production and employment indicators. Services contains only employment indicators, while consumer spending contains employment, unemployment, per capita personal income, and home and retail sales indicators.

The manufacturing sector's contribution to the MEI increased to +0.22 in March from +0.10 in February. The pace of manufacturing activity increased in all five Seventh District states. Manufacturing's contribution to the relative MEI edged up to +0.14 in March from +0.11 in February.

The construction and mining sector's contribution to the MEI increased to +0.13 in March from +0.06 in February. The pace of construction and mining activity was higher in Illinois, Indiana, Michigan, and Wisconsin, but unchanged in Iowa. Construction and mining made a contribution of +0.16 to the relative MEI in March, up from +0.07 in February.

The service sector made a contribution of +0.11 to the MEI in March, up from +0.07 in February. The pace of service sector activity was up in Illinois, Iowa, and Wisconsin, but down in Indiana and Michigan. The service sector's contribution to the relative MEI ticked up to +0.02 in March from a neutral reading in February.

The contribution from consumer spending indicators to the MEI moved up to +0.13 in March from +0.05 in February. Consumer spending indicators were, on balance, up in all five Seventh District states. Consumer spending's contribution to the relative MEI edged up to +0.08 in March from +0.05 in February.



Notes: Both the MEI and the CFNAI-MA3 have been standardized to have a zero mean and are expressed in standard deviation units. MEI values greater than zero indicate growth in Midwest economic activity above its historical trend, and CFNAI-MA3 values greater than zero indicate growth in national economic activity above its historical trend; negative values indicate the opposite. Shading indicates official periods of recession as identified by the National Bureau of Economic Research.

Notes: Both the relative MEI and the CFNAI-MA3 have been standardized to have a zero mean and are expressed in standard deviation units. The relative MEI is constructed from the standardized residuals from linear regressions of each of the 129 MEI indicators on the CFNAI-MA3. Relative MEI values greater than zero indicate that growth in Midwest economic activity is higher on average than would historically be suggested based on the CFNAI-MA3; negative values indicate the opposite. Shading indicates official periods of recession as identified by the National Bureau of Economic Research.

### 2017 MEI Release Dates

<i><b>Date of Release</b></i>	<i><b>Monthly Data for</b></i>
<i><b>May 31, 2017</b></i>	<i><b>April 2017</b></i>
<i><b>June 30, 2017</b></i>	<i><b>May 2017</b></i>
<i><b>July 31, 2017</b></i>	<i><b>June 2017</b></i>
<i><b>August 31, 2017</b></i>	<i><b>July 2017</b></i>
<i><b>September 29, 2017</b></i>	<i><b>August 2017</b></i>
<i><b>October 31, 2017</b></i>	<i><b>September 2017</b></i>
<i><b>November 30, 2017</b></i>	<i><b>October 2017</b></i>
<i><b>December 29, 2017</b></i>	<i><b>November 2017</b></i>