

# Chicago Fed Survey of Business Conditions (CFSBC)

October 2021

The *Chicago Fed Survey of Business Conditions* (CFSBC) Activity Index moved up to +1 in September from -2 in August, suggesting that economic growth was near trend. The CFSBC Manufacturing Activity Index decreased to -6 in September from +8 in August, but the CFSBC Nonmanufacturing Activity Index increased to +5 in September from -5 in the previous month.

- Respondents' outlooks for the U.S. economy for the next 12 months deteriorated. Sixty percent of respondents expected an increase in economic activity over the next 12 months.
- The pace of current hiring increased, but respondents' expectations for the pace of hiring over the next 12 months decreased. The hiring index moved into positive territory, and the hiring expectations index remained positive.
- Respondents' expectations for the pace of capital spending over the next 12 months decreased, but the capital spending expectations index remained positive.
- The labor cost pressures index decreased, as did the nonlabor cost pressures index. However, both cost pressures indexes remained positive.

## Activity Indexes: Overall and by Sector



### What is the Survey of Business Conditions?

Business contacts in the Seventh Federal Reserve District are asked to rate various aspects of business conditions along a seven-point scale ranging from "substantially increased" to "substantially decreased." A series of diffusion indexes summarizing the distribution of responses is then calculated.

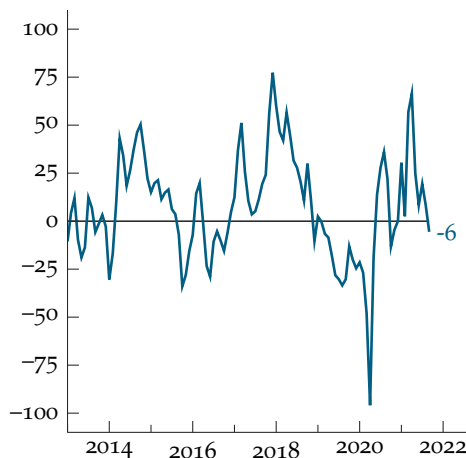
### How are the indexes constructed?

Respondents' answers on the seven-point scale are assigned a numeric value ranging from +3 to -3. Each diffusion index is calculated as the difference between the number of respondents with answers above their respective average responses and the number of respondents with answers below their respective average responses, divided by the total number of respondents. The index is then multiplied by 100 so that it ranges from +100 to -100 and will be +100 if every respondent provides an above-average answer and -100 if every respondent provides a below-average answer. Respondents with no prior history of responses are excluded from the calculation.

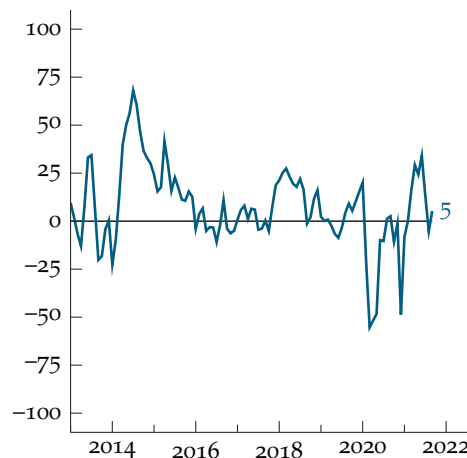
### What do the numbers mean?

Respondents' respective average answers to a question can be interpreted as representing their historical trends, or long-run averages. Thus, zero index values indicate that, on balance, activity, hiring, capital spending, and cost pressures are growing at their trend rates or that outlooks are neutral. Positive index values indicate above-average growth (or optimistic outlooks) on balance, and negative values indicate below-average growth (or pessimistic outlooks) on balance.

### Manufacturing



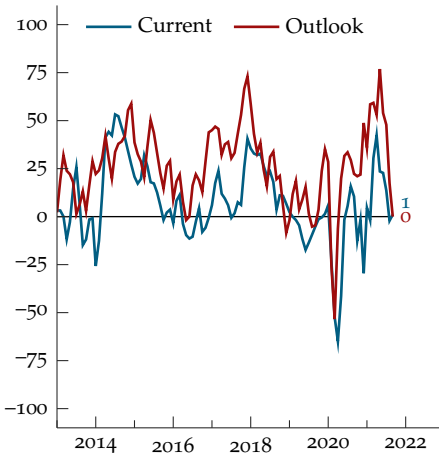
### Nonmanufacturing



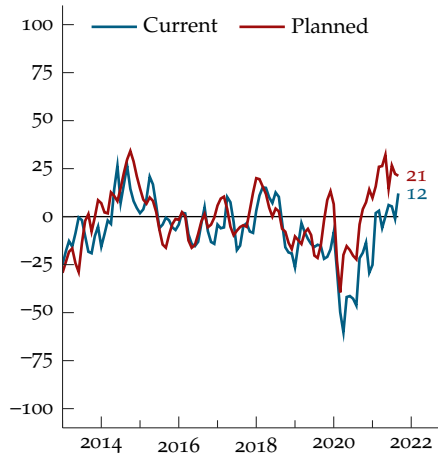
**FEDERAL RESERVE BANK  
OF CHICAGO**

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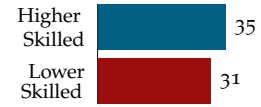
### Activity



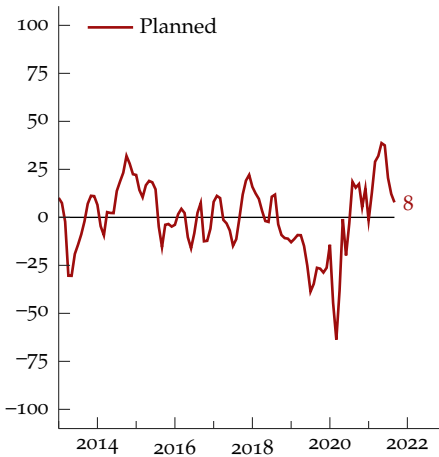
### Hiring



#### Increased Employment (%)



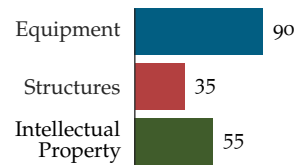
### Capital Spending



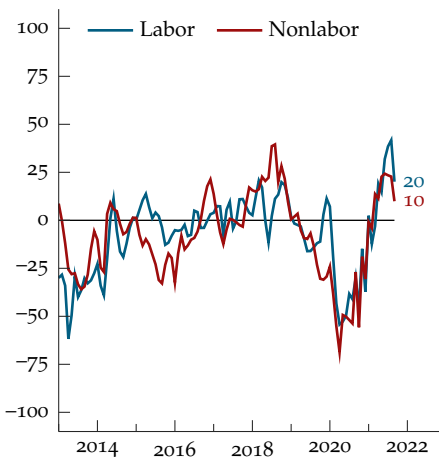
#### Current Spending for (%)



#### Spending on (%)



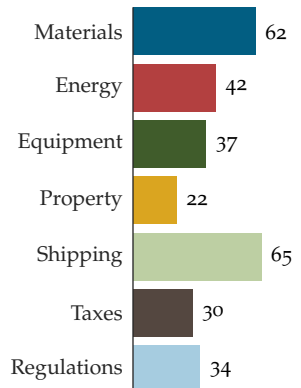
### Cost Pressures



#### Increased Labor Costs (%)



#### Increased Nonlabor Costs (%)



Notes: Positive readings of the current activity, hiring, and labor and nonlabor cost pressures indexes indicate that more respondents reported above-average growth at their respective firms than below-average growth in current activity, hiring, and labor and nonlabor cost pressures. Positive readings of the planned hiring and capital spending indexes indicate similar outcomes for questions pertaining to expectations for hiring and capital spending in the next 12 months. Positive readings of the outlook index indicate more respondents reported above-average outlooks for the U.S. economy over the next 12 months than below-average ones. The bar charts report the percentage of responses indicating increased employment by skill type; purchases of new capital by purpose and type; and increased unit labor and nonlabor costs by type. The numbers may add up to more than 100 percent because more than one option can be chosen. In late 2019, the underlying survey questions on cost pressures were changed to focus on labor and nonlabor costs instead of wage and nonwage costs. The results based on this change were first reported in the November 27, 2019, release.