

## Chicago Fed Survey of Business Conditions (CFSBC) Frequently Asked Questions

### **What is the *Survey of Business Conditions*?**

To support its Beige Book efforts, the Chicago Fed gathers information from its business contacts using an online survey system. Respondents 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, or 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.