Minnesota Manufacturing Business Conditions Survey Methodology

Year End 2021

The ReferenceUSA database of Minnesota Manufacturers provided the population of 8,744 manufacturing establishments for the survey. A random sample of 1,000 businesses was drawn from the population. Three mailings were sent to the selected businesses on October 21, November 8 and December 13, 2021. The cutoff for survey responses was January 3, 2022.

A total of 261 usable surveys were received, for a response rate of 26.1 percent. Of the usable surveys, 29 were from respondents indicating that their specific location had no manufacturing on site. Survey results were tabulated for all manufacturers with manufacturing on site.

The confidence interval for sampling error was calculated. The 95 percent confidence interval for the table of results for all manufacturers is plus or minus 5.2 percentage points.