SUTVEYS of CONSUMERS

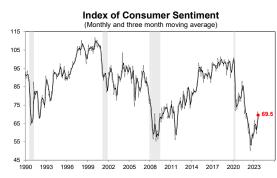


August 25, 2023



Subject: August 2023 survey results From: Joanne Hsu, PhD, Director

After rising sharply for the past several months, consumer sentiment moved sideways in August with a small decline that is not statistically different from July. Sentiment reached its second highest reading in 21 months and is now about 39% above the all-time historic low reached in June of 2022. While buying conditions for durables and expectations over living conditions both improved, the long-run economic outlook fell back about 12% this month but remains higher than just two months ago. Consumers weighed a combination of positive and negative factors in the economy, which led to differing offsetting trends across demographic groups. Consumers perceive that the rapid improvements in the economy from the



past three months have moderated, particularly with inflation, and they are tentative about the outlook ahead.

Year-ahead inflation expectations edged up from 3.4% last month to 3.5% this month. The current reading remains above the 2.3-3.0% range seen in the two years prior to the pandemic. Long-run inflation expectations came in at 3.0% for the third consecutive month, staying within the narrow 2.9-3.1% range for 24 of the last 25 months. These expectations are elevated relative to the 2.2-2.6% range seen in the two years pre-pandemic.

Consumer views were mixed this month, with some consumers emphasizing the improvements in the economy relative to 2022 and others noting the slowdown in such improvements in recent weeks. This was particularly notable in spontaneous mentions about the stock market. A few consumers mentioned downward movements in stock market, but most mentions referenced strength in stock markets, particularly relative to last year. Overall, stock market developments this month were not a catalyst for the slight decline in sentiment this month. Across demographic groups, sentiment rose 9% for lower-income consumers, while it fell 11% for middle-income consumers. For Democrats, sentiment declined, but it rose for Independents and Republicans.

While consumers noted that inflation is nowhere near the peaks from last summer, their views continue to be influenced by high prices. About 37% of consumers spontaneously reported that high prices are eroding their living standards, up slightly from 36% last month but down from 44% a year ago. A growing share of consumers spontaneously mentioned gas or fuel prices, up from 12.5% last month to 15.4% in August, but considerably lower than the 37% seen a year ago. That said, any current concerns regarding gas prices did not pass through to short-run gas price expectations, which were little changed this month; consumers expected a median increase of less than one cent per gallon for the year ahead. Longer-run expectations for gas prices, a median increase of 20 cents over the next five years, were well within the range of readings seen over the last few months.

Despite mixed views driving the lack of movement in sentiment this month, two areas saw broad agreement across consumers. Labor market expectations remained strong, which supports continued consumer spending even amid a consensus decline in the long-run economic outlook. The lowest share of consumers since October 2021 expect their income growth to be exceeded by inflation in the year ahead. Unemployment expectations were also essentially unchanged from last month. Given this, consumer views of business conditions may recover in the months ahead.

| | Aug 2022 | Sep 2022 | Oct 2022 | Nov 2022 | Dec 2022 | Jan 2023 | Feb 2023 | Mar 2023 | Apr 2023 | May 2023 | Jun 2023 | Jul 2023 | Aug 2023 |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|-------------|-------------|-------------|
| Index of Consumer Sentiment | 58.2 | 58.6 | 59.9 | 56.8 | 59.7 | 64.9 | 67.0 | 62.0 | 63.5 | 59.2 | 64.4 | 71.6 | 69.5 |
| Current Economic Conditions | 58.6 | 59.7 | 65.6 | 58.8 | 59.4 | 68.4 | 70.7 | 66.3 | 68.2 | 64.9 | 69.0 | 76.6 | 75.7 |
| Index of Consumer Expectations | 58.0 | 58.0 | 56.2 | 55.6 | 59.9 | 62.7 | 64.7 | 59.2 | 60.5 | 55.4 | 61.5 | 68.3 | 65.5 |
| Index Components | | | | | | | | | | | | | |
| Personal Finances - Current | 80 | 80 | 78 | 77 | 75 | 89 | 91 | 88 | 84 | 85 | 85 | 96 | 93 |
| Personal Finances - Expected | 107 | 105 | 106 | 106 | 106 | 112 | 111 | 104 | 105 | 104 | 108 | 113 | 115 |
| Economic Outlook - 12 Months | 54 | 59 | 48 | 49 | 61 | 60 | 67 | 58 | 60 | 50 | 64 | 73 | 70 |
| Economic Outlook - 5 Years | 69 | 66 | 69 | 65 | 71 | 78 | 79 | 73 | 76 | 66 | 73 | 86 | 76 |
| Buying Conditions - Durables | 69 | 73 | 90 | 73 | 77 | 87 | 90 | 82 | 91 | 81 | 92 | 101 | 102 |

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