

RESPONSES TO SURVEY OF MARKET PARTICIPANTS

Markets Group, Federal Reserve Bank of New York



MARCH 2023

Distributed: 3/8/2023 – Received by: 3/14/2023

The **Survey of Market Participants** is formulated by the Trading Desk at the Federal Reserve Bank of New York to enhance policymakers' understanding of market expectations on a variety of topics related to the economy, monetary policy and financial markets. The questions involve only topics that are widely discussed in the public domain and never presume any particular policy action. FOMC participants are not involved in the survey's design.

For most questions, median responses across participants, along with the 25th and 75th percentiles, are reported. For questions that ask respondents to give a probability distribution, the average response across participants for each potential outcome is reported.¹ Brief summaries of the comments received in free response form are also provided.

Responses were received from 26 market participants. Except where noted, all 26 participants responded to each question. In some cases, participants may not have provided complete responses (e.g. may not have provided forecasts extending to the same time horizon as requested in the survey). In these instances, the number of respondents who answered all parts of the question is indicated.

¹ Answers may not sum to 100 percent due to rounding.

Table of Contents

| | |
|------|---------------------------|
| Q-1) | FOMC Meeting Expectations |
|------|---------------------------|

| | |
|------|---------------------------------|
| Q-2) | Target Federal Funds Rate/Range |
|------|---------------------------------|

| | |
|------|---|
| Q-3) | Expectations for Target Federal Funds Rate/Range under Various Hypothetical Scenarios |
|------|---|

| | |
|------|------------------------|
| Q-4) | Federal Reserve Assets |
|------|------------------------|

| | |
|------|--|
| Q-5) | U.S. Real GDP Growth Probability Distributions |
|------|--|

| | |
|------|---------------------------|
| Q-6) | Quarterly PCE Projections |
|------|---------------------------|

| | |
|------|-------------------------------------|
| Q-7) | Inflation Probability Distributions |
|------|-------------------------------------|

| | |
|------|---|
| Q-8) | U.S. and Global Recession Probabilities |
|------|---|

- 1a)** Provide below your expectations for changes, if any, to the language referencing each of the following topics in the March FOMC statement. Please write N/A if you do not expect any changes.

Current economic conditions:

Some respondents indicated they expected continued reference to elevated inflation or elevated inflation components. Some indicated they expected little or no change. Several respondents indicated they expected a reference to recent banking sector stress, and several respondents specifically indicated they expected a reference to increased uncertainty or elevated risks in this context. Several indicated they expected continued mention of the strong labor market.

Economic outlook and communication on the expected path of the target federal funds rate:
(25 responses)

Many respondents indicated they expected little or no change. Several respondents specifically indicated that they expected the statement to continue to reference “ongoing” rate increases.

Communication on tools other than the target federal funds rate:
(23 responses)

Most respondents indicated they expected little or no change.

Other:
(21 responses)

Respondents did not provide significant commentary in this section.

- 1b)** What are your expectations for the most likely levels of the medians of FOMC participants' target federal funds rate projections in the SEP? Please provide your responses out to three decimal places.

| | Year-end 2023 | Year-end 2024 | Year-end 2025 | Longer Run |
|------------------|---------------|---------------|---------------|--------------|
| 25th Percentile | 5.38% | 4.13% | 3.13% | 2.50% |
| Median | 5.38% | 4.38% | 3.13% | 2.50% |
| 75th Percentile | 5.38% | 4.38% | 3.38% | 2.50% |
| # of Respondents | 25 | 25 | 25 | 25 |

- 1c)** What are your expectations for the Chair's press conference?
(25 responses)

Many respondents indicated they expected the Chair to discuss recent banking sector stress, and several respondents indicated they expected a reference to increased uncertainty or elevated risks in this context. Several respondents indicated they expected the Chair to communicate a distinction between financial stability tools and monetary policy tools.

Some respondents indicated they expected the Chair to reiterate the FOMC's commitment to returning inflation to target. Several respondents indicated they expected a reference to elevated inflation. Several indicated they expected the Chair to note that the policy rate path will depend on incoming data. Several respondents indicated they expected the Chair to focus on the peak level of the target range and/or the length of time at peak.

2a) Provide your estimate of the most likely outcome (i.e., the mode) for the target federal funds rate or range, as applicable, immediately following the FOMC meetings and at the end of each of the following quarters and years below. For the time periods at which you expect a target range, please indicate the midpoint of that range in providing your response.

| | Mar. 21-22 | May 2-3 | Jun. 13-14 | Jul. 25-26 | Sep. 19-20 | Oct. 31- Nov. 1 | Dec. 12-13 |
|------------------|---------------|------------|---------------|---------------|---------------|--------------------|---------------|
| 25th Percentile | 4.88% | 5.13% | 5.13% | 5.13% | 5.13% | 5.13% | 5.13% |
| Median | 4.88% | 5.13% | 5.13% | 5.38% | 5.38% | 5.38% | 5.13% |
| 75th Percentile | 4.88% | 5.13% | 5.38% | 5.38% | 5.38% | 5.38% | 5.38% |
| # of Respondents | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

| | 2024 Q1 | 2024 Q2 | 2024 Q3 | 2024 Q4 |
|------------------|---------|---------|---------|---------|
| 25th Percentile | 4.38% | 3.63% | 3.13% | 2.63% |
| Median | 4.88% | 4.38% | 3.88% | 3.38% |
| 75th Percentile | 5.13% | 4.88% | 4.63% | 4.38% |
| # of Respondents | 25 | 25 | 25 | 25 |

| | 2025 Q1 | 2025 Q2 | 2025 Q3 | 2025 Q4 | 2026 | 2027 |
|------------------|---------|---------|---------|---------|-------|-------|
| 25th Percentile | 2.38% | 2.13% | 2.13% | 2.00% | 2.09% | 2.13% |
| Median | 2.88% | 2.88% | 2.88% | 2.63% | 2.38% | 2.38% |
| 75th Percentile | 3.88% | 3.63% | 3.38% | 3.13% | 2.94% | 2.88% |
| # of Respondents | 25 | 25 | 25 | 25 | 24 | 24 |

2b) In addition, provide your estimate of the longer run target federal funds rate and your expectation for the average federal funds rate over the next 10 years.

| | 10-yr Average FF Rate | Longer Run |
|------------------|--------------------------|------------|
| 25th Percentile | 2.50% | 2.25% |
| Median | 2.88% | 2.50% |
| 75th Percentile | 3.13% | 2.63% |
| # of Respondents | 25 | 25 |

2c) Please indicate the percent chance that you attach to the target federal funds rate or range falling in each of the following ranges immediately following the March and May FOMC meetings and at the end of 2023 and 2024. If you expect a target range, please use the midpoint of that range in providing your response. (25 responses)

| Federal Funds Rate or Range after the March 2023 FOMC Meeting | | | | | | | | | | |
|---|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| | <= 4.25% | 4.26 - 4.50% | 4.51 - 4.75% | 4.76 - 5.00% | 5.01 - 5.25% | 5.26 - 5.50% | 5.51 - 5.75% | 5.76 - 6.00% | 6.01 - 6.25% | >= 6.26% |
| Average | 1% | 2% | 33% | 55% | 10% | 0% | 0% | 0% | 0% | 0% |

| Federal Funds Rate or Range after the May 2023 FOMC Meeting | | | | | | | | | | |
|---|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| | <= 4.25% | 4.26 - 4.50% | 4.51 - 4.75% | 4.76 - 5.00% | 5.01 - 5.25% | 5.26 - 5.50% | 5.51 - 5.75% | 5.76 - 6.00% | 6.01 - 6.25% | >= 6.26% |
| Average | 3% | 3% | 14% | 26% | 39% | 13% | 2% | 0% | 0% | 0% |

| Federal Funds Rate or Range at the End of 2023 | | | | | | | | | | |
|--|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| | <= 4.25% | 4.26 - 4.50% | 4.51 - 4.75% | 4.76 - 5.00% | 5.01 - 5.25% | 5.26 - 5.50% | 5.51 - 5.75% | 5.76 - 6.00% | 6.01 - 6.25% | >= 6.26% |
| Average | 14% | 5% | 7% | 10% | 18% | 22% | 13% | 6% | 2% | 2% |

| Federal Funds Rate or Range at the End of 2024 | | | | | | | | | | |
|--|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| | <= 1.50% | 1.51 - 2.00% | 2.01 - 2.50% | 2.51 - 3.00% | 3.01 - 3.50% | 3.51 - 4.00% | 4.01 - 4.50% | 4.51 - 5.00% | 5.01 - 5.50% | >= 5.51% |
| Average | 12% | 6% | 11% | 15% | 10% | 10% | 15% | 12% | 5% | 5% |

2d) Please indicate the percent chance that you attach to the highest level of the target range for the federal funds rate before the target range is next decreased falling in each of the following ranges.

| | <= 4.25% | 4.26 - 4.50% | 4.51 - 4.75% | 4.76 - 5.00% | 5.01 - 5.25% | 5.26 - 5.50% | 5.51 - 5.75% | 5.76 - 6.00% | 6.01 - 6.25% | >= 6.26% |
|---------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| Average | 0% | 0% | 15% | 14% | 20% | 22% | 15% | 9% | 4% | 2% |

2e) Please indicate the percent chance that you attach to the longer run target federal funds rate — the level the target federal funds rate would be expected to converge to under appropriate monetary policy and in the absence of further shocks to the economy — falling in each of the following ranges.
(25 responses)

| | <= 1.50% | 1.51 - 2.00% | 2.01 - 2.50% | 2.51 - 3.00% | 3.01 - 3.50% | >= 3.51% |
|---------|----------|--------------|--------------|--------------|--------------|----------|
| Average | 5% | 17% | 32% | 28% | 12% | 7% |

3) The following matrix lays out hypothetical scenarios in which the realized levels of the 2023 unemployment rate (Q4 average level) and 2023 core PCE inflation (Q4/Q4 growth) are either 50 basis points above, below, or equal to the medians of FOMC participants' projections for these indicators in the current (December 2022) Summary of Economic Projections (SEP). For example, the upper left box represents a scenario in which the unemployment rate and core PCE inflation are both 50 basis points below the current SEP medians.

For each of the following scenarios, please indicate the level of the target federal funds rate or range that you expect would prevail at the end of Q4 2023. If you expect a target range, please indicate the midpoint of that range in providing your response.

(21 responses)

| 25th Percentile Responses | | 2023 Unemployment Rate (Q4 average level) | | |
|--|-------------------------|---|-------------------------|----------|
| | | - 50 bps | Current SEP median 4.6% | + 50 bps |
| 2023 Core PCE Inflation (Q4/Q4 growth) | - 50 bps | 4.63% | 4.38% | 3.88% |
| | Current SEP median 3.5% | 5.13% | 4.88% | 4.63% |
| | + 50 bps | 5.63% | 5.38% | 4.88% |

| Median Responses | | 2023 Unemployment Rate (Q4 average level) | | |
|--|-------------------------|---|-------------------------|----------|
| | | - 50 bps | Current SEP median 4.6% | + 50 bps |
| 2023 Core PCE Inflation (Q4/Q4 growth) | - 50 bps | 5.13% | 4.88% | 4.13% |
| | Current SEP median 3.5% | 5.38% | 5.13% | 4.88% |
| | + 50 bps | 6.00% | 5.63% | 5.38% |

| 75th Percentile Responses | | 2023 Unemployment Rate (Q4 average level) | | |
|--|-------------------------|---|-------------------------|----------|
| | | - 50 bps | Current SEP median 4.6% | + 50 bps |
| 2023 Core PCE Inflation (Q4/Q4 growth) | - 50 bps | 5.13% | 5.13% | 4.63% |
| | Current SEP median 3.5% | 5.63% | 5.38% | 5.13% |
| | + 50 bps | 6.13% | 5.88% | 5.63% |

4a) Please provide your modal expectation for the total net change in SOMA holdings of U.S. Treasury securities and agency mortgage-backed securities (MBS) over each of the periods below.

If you expect SOMA holdings to increase on net in a given period, for example through net asset purchases, please enter a positive number. If you expect SOMA holdings to be unchanged on net in a given period, for

example through reinvestments that result in no net change in holdings, please enter 0. If you expect SOMA holdings to decline on net in a given period, for example through maturities or paydowns that exceed any reinvestments or through sales, please enter a negative number.

| Net Change in U.S. Treasury Securities (\$ billions) | | | | | | | |
|--|-----------|-----------|----------|-----------|-----------|-----------|-----------|
| | Mar. 2023 | Apr. 2023 | May 2023 | Jun. 2023 | Jul. 2023 | Aug. 2023 | Sep. 2023 |
| 25th Percentile | -60 | -60 | -60 | -60 | -60 | -60 | -60 |
| Median | -60 | -60 | -60 | -60 | -60 | -60 | -60 |
| 75th Percentile | -60 | -60 | -60 | -60 | -60 | -60 | -60 |
| # of Respondents | 19 | 19 | 19 | 19 | 19 | 19 | 19 |

| Net Change in U.S. Treasury Securities (\$ billions) | | | | | | | | | |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 2023 Q4 | 2024 Q1 | 2024 Q2 | 2024 Q3 | 2024 Q4 | 2025 Q1 | 2025 Q2 | 2025 Q3 | 2025 Q4 |
| 25th Percentile | -180 | -180 | -180 | -160 | -140 | 0 | 0 | 0 | 0 |
| Median | -180 | -180 | -90 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75th Percentile | -95 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 33 |
| # of Respondents | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |

| Net Change in Agency MBS (\$ billions) | | | | | | | |
|--|-----------|-----------|----------|-----------|-----------|-----------|-----------|
| | Mar. 2023 | Apr. 2023 | May 2023 | Jun. 2023 | Jul. 2023 | Aug. 2023 | Sep. 2023 |
| 25th Percentile | -25 | -25 | -25 | -25 | -25 | -25 | -25 |
| Median | -20 | -20 | -20 | -20 | -20 | -20 | -20 |
| 75th Percentile | -19 | -17 | -17 | -17 | -17 | -16 | -16 |
| # of Respondents | 19 | 19 | 19 | 19 | 19 | 19 | 19 |

| Net Change in Agency MBS (\$ billions) | | | | | | | | | |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 2023 Q4 | 2024 Q1 | 2024 Q2 | 2024 Q3 | 2024 Q4 | 2025 Q1 | 2025 Q2 | 2025 Q3 | 2025 Q4 |
| 25th Percentile | -78 | -90 | -90 | -73 | -70 | -62 | -57 | -54 | -57 |
| Median | -60 | -54 | -55 | -45 | -45 | 0 | 0 | 0 | 0 |
| 75th Percentile | -45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| # of Respondents | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |

4b) Please indicate the period in which you expect the SOMA portfolio will cease to decline as well as the size of the SOMA portfolio when it ceases to decline. Please also indicate the size of specified liabilities, reserves and take-up at the overnight reverse repurchase facility, when the SOMA portfolio ceases to decline.

| | Period in which SOMA portfolio ceases to decline* | Size of SOMA portfolio when it ceases to decline** | Size of reserves*** | Take-up at the overnight reverse repurchase facility**** |
|------------------|---|--|---------------------|--|
| 25th Percentile | 2023 Q4 | 6,250 | 2,125 | 375 |
| Median | 2024 Q4 | 6,250 | 2,375 | 1,250 |
| 75th Percentile | 2025 Q4 | 7,250 | 2,688 | 1,875 |
| # of Respondents | 21 | 21 | 20 | 20 |

*Dropdown selections: Q1 2023, Q2 2023, Q3 2023, Q4 2023, Q1 2024, Q2 2024, Q3 2024, Q4 2024, Q1 2025, Q2 2025, Q3 2025, Q4 2025, Q1 2026, Q2 2026, Q3 2026, Q4 2026, Q1 2027, Q2 2027, Q3 2027, Q4 2027, Q1 2028, Q2 2028, Q3 2028, Q4 2028, Q1 2029 or later.

**Dropdown selections: \$0-500bn, \$501-1000bn, \$1001-1500bn, \$1501-2000bn, \$2001-2500bn, \$2501-3000bn, \$3001-3500bn, \$3501-4000bn, \$4001-4500bn, \$4501-5000bn, \$5001-5500bn, \$5501-6000bn, \$6001-6500bn, \$6501-7000bn, \$7001-7500bn, \$7501-8000bn, \$8001bn or larger

***Dropdown selections: \$1000bn or smaller, \$1001-1250bn, \$1251-1500bn, \$1501-1750bn, \$1751-2000bn, \$2001-2250bn, \$2251-2500bn, \$2501-2750bn, \$2751-3000bn, \$3001-3250bn, \$3251-3500bn, \$3501-3750bn, \$3751-4000bn, \$4001bn or larger.

****Dropdown selections: \$0-250bn, \$251-500bn, \$501-750bn, \$751-1000bn, \$1001-1250bn, \$1251-1500bn, \$1501-1750bn, \$1751-2000bn, \$2001-2250bn, \$2251-2500bn, \$2501bn or larger.

- 4c)** Please indicate the percent chance that you attach to the size of the SOMA portfolio falling in each of the following ranges when it ceases to decline. For reference, Securities Held Outright in the SOMA portfolio on March 1, 2023 was \$7,949 billion according to the most recent H.4.1 release.
(20 responses)

| | \$4000bn or smaller | \$4001-4500bn | \$4501-5000bn | \$5001-5500bn | \$5501-6000bn | \$6001-6500bn | \$6501-7000bn | \$7001-7500bn | \$7501bn or larger |
|---------|---------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------------|
| Average | 6% | 1% | 3% | 9% | 18% | 22% | 17% | 14% | 9% |

- 4d)** Please provide any additional information on your expectations for balance sheet reduction, including the period in which you expect the SOMA portfolio will cease to decline and the factors behind your expectations. Please include any factors that influenced the probability that you assigned to the distribution of outcomes in part c above.
(20 responses)

Several respondents indicated that they expected balance sheet reduction to end around the time the Fed starts reducing the level of the target range.

- 5)** Please provide the percent chance you attach to the following outcomes for U.S. real GDP growth in 2023 and 2024 (Q4/Q4).
(24 responses)

| Probability Distribution of U.S. Real GDP Growth in 2023 (Q4/Q4) | | | | | | | | | | |
|--|-----------|----------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|
| | <= -1.01% | -1.00 - -0.51% | -0.50 - 0.00% | 0.01 - 0.50% | 0.51 - 1.00% | 1.01 - 1.50% | 1.51 - 2.00% | 2.01 - 2.50% | 2.51 - 3.00% | >= 3.01% |
| Average | 5% | 5% | 12% | 24% | 21% | 16% | 9% | 5% | 2% | 2% |

| Probability Distribution of U.S. Real GDP Growth in 2024 (Q4/Q4) | | | | | | | | | | |
|--|-----------|----------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|
| | <= -1.01% | -1.00 - -0.51% | -0.50 - 0.00% | 0.01 - 0.50% | 0.51 - 1.00% | 1.01 - 1.50% | 1.51 - 2.00% | 2.01 - 2.50% | 2.51 - 3.00% | >= 3.01% |
| Average | 6% | 5% | 7% | 11% | 14% | 22% | 16% | 12% | 4% | 3% |

Please also provide your point estimate for the most likely outcome.

| U.S. Real GDP Modal Point Estimates (Q4/Q4) | | |
|---|--------------|--------------|
| | 2023 | 2024 |
| 25th Percentile | 0.24% | 0.49% |
| Median | 0.65% | 1.18% |
| 75th Percentile | 0.83% | 1.54% |
| # of Respondents | 24 | 24 |

- 6) Please indicate your modal projections for headline and core PCE inflation for each of the following quarters.*

| Headline PCE Inflation Quarterly Modal Point Estimates | | | | | |
|--|----------------|----------------|----------------|----------------|----------------|
| | Q1 2023 (saar) | Q2 2023 (saar) | Q3 2023 (saar) | Q4 2023 (saar) | Q1 2024 (saar) |
| 25th Percentile | 3.5% | 3.0% | 2.6% | 2.3% | 2.1% |
| Median | 3.8% | 3.2% | 2.8% | 2.7% | 2.5% |
| 75th Percentile | 4.2% | 3.6% | 3.2% | 3.0% | 2.8% |
| # of Respondents | 22 | 22 | 22 | 22 | 21 |

| Core PCE Inflation Quarterly Modal Point Estimates | | | | | |
|--|----------------|----------------|----------------|----------------|----------------|
| | Q1 2023 (saar) | Q2 2023 (saar) | Q3 2023 (saar) | Q4 2023 (saar) | Q1 2024 (saar) |
| 25th Percentile | 3.8% | 3.0% | 2.8% | 2.4% | 2.2% |
| Median | 4.1% | 3.3% | 3.0% | 2.8% | 2.7% |
| 75th Percentile | 5.0% | 3.9% | 3.3% | 3.0% | 2.8% |
| # of Respondents | 24 | 24 | 24 | 24 | 22 |

*Percent change from the previous quarter at an annualized rate, based on the average of monthly levels (seasonally adjusted) in each quarter.

- 7a) Please provide the percent chance you attach to the following outcomes for headline PCE inflation in 2023 and 2024 (Q4/Q4).
(23 responses)

| Probability Distribution of Headline PCE Inflation in 2023 (Q4/Q4) | | | | | | | | | | |
|--|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|
| | <= 2.00% | 2.01 - 2.25% | 2.26 - 2.50% | 2.51 - 2.75% | 2.76 - 3.00% | 3.01 - 3.25% | 3.26 - 3.50% | 3.51 - 3.75% | 3.76 - 4.00% | >= 4.01% |
| Average | 3% | 4% | 7% | 12% | 18% | 20% | 15% | 7% | 6% | 8% |

| Probability Distribution of Headline PCE Inflation in 2024 (Q4/Q4) | | | | | | | | | | |
|--|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|
| | <= 1.50% | 1.51 - 1.75% | 1.76 - 2.00% | 2.01 - 2.25% | 2.26 - 2.50% | 2.51 - 2.75% | 2.76 - 3.00% | 3.01 - 3.25% | 3.26 - 3.50% | >= 3.51% |
| Average | 6% | 7% | 10% | 16% | 22% | 13% | 8% | 6% | 5% | 6% |

Please also provide your point estimate for the most likely outcome.

| Headline PCE Inflation Modal Point Estimates (Q4/Q4) | | |
|--|--------------|--------------|
| | 2023 | 2024 |
| 25th Percentile | 2.88% | 2.20% |
| Median | 3.00% | 2.39% |
| 75th Percentile | 3.20% | 2.53% |
| # of Respondents | 24 | 24 |

- 7b)** For the outcomes below, provide the percent chance you attach to the annual average CPI inflation rate from March 1, 2023 - February 29, 2028 falling in each of the following ranges. Please also provide your point estimate for the most likely outcome.
(24 responses)

| | <= 0.50% | 0.51 - 1.00% | 1.01 - 1.50% | 1.51 - 2.00% | 2.01 - 2.50% | 2.51 - 3.00% | 3.01 - 3.50% | >= 3.51% |
|---------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|
| Average | 1% | 2% | 5% | 17% | 25% | 27% | 16% | 9% |

| | Most Likely Outcome |
|------------------|---------------------|
| 25th Percentile | 2.50% |
| Median | 2.50% |
| 75th Percentile | 2.78% |
| # of Respondents | 23 |

- 7c)** For the outcomes below, provide the percent chance you attach to the annual average CPI inflation rate from March 1, 2028 - February 28, 2033 falling in each of the following ranges. Please also provide your point estimate for the most likely outcome.
(24 responses)

| | <= 0.50% | 0.51 - 1.00% | 1.01 - 1.50% | 1.51 - 2.00% | 2.01 - 2.50% | 2.51 - 3.00% | 3.01 - 3.50% | >= 3.51% |
|---------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|
| Average | 2% | 3% | 9% | 26% | 31% | 19% | 7% | 4% |

| | Most Likely Outcome |
|------------------|---------------------|
| 25th Percentile | 2.20% |
| Median | 2.30% |
| 75th Percentile | 2.48% |
| # of Respondents | 23 |

- 8a)** What percent chance do you attach to:
the U.S. economy currently being in a recession*?
the U.S. economy being in a recession* in 6 months?
the global economy being in a recession** in 6 months?

| | Currently in U.S. Recession | U.S. Recession in 6 Months | Global Recession in 6 Months |
|------------------|-----------------------------|----------------------------|------------------------------|
| 25th Percentile | 5% | 24% | 30% |
| Median | 10% | 45% | 40% |
| 75th Percentile | 15% | 55% | 48% |
| # of Respondents | 25 | 25 | 25 |

**NBER-defined recession*

***Previous IMF staff work has suggested that a "global recession" can be characterized as a period during which there is a decline in annual per-capita real global GDP, backed up by a decline or worsening in one or more of the following global macroeconomic indicators: industrial production, trade, capital flows, oil consumption and unemployment.*

- 8b)** What percent chance do you attach to the U.S. economy first entering a recession* in each of the following periods?
(25 responses)

| | 2022** | H1 2023 | H2 2023 | H1 2024 | H2 2024 | No recession by end 2024 |
|---------|-----------|------------|------------|------------|------------|--------------------------|
| Average | 3% | 22% | 33% | 18% | 10% | 13% |

**NBER-defined recession*

***Percent chance that the economy first entered an NBER-defined recession in 2022.*