### Industrial Outlook Survey of the Manufacturing Sector for Q3:2022-23

Today, the Reserve Bank released the results of 100<sup>th</sup> round of its industrial outlook survey (IOS). The survey encapsulates qualitative assessment of the business climate by Indian manufacturing companies for Q3:2022-23 and their expectations for Q4:2022-23<sup>1</sup> as well as outlook for the two subsequent quarters. In all, 1,356 companies responded in this round of the survey, which was conducted during Q3:2022-23.

## Highlights:

#### A. Assessment for Q3: 2022-23

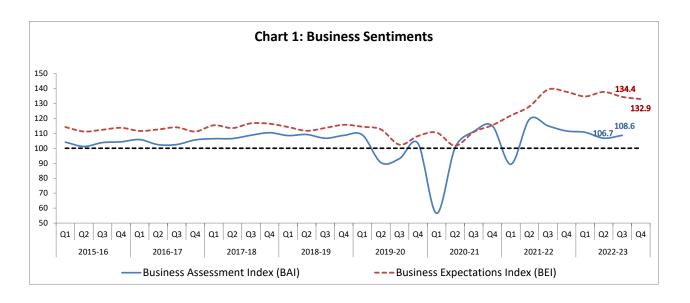
- Respondents from manufacturing sector polled for demand expansion in Q3:2022-23 in terms of improved assessment for production, order books, capacity utilisation and employment situation compared to the previous round of the survey (Table A).
- Manufacturers assessed some moderation in the pace of increase in raw material cost and higher salary outgo and cost of finance during the quarter.
- Respondents reported deceleration in selling prices during Q3:2022-23 with net negative sentiments on profit margin.
- Overall business sentiments remained buoyant as reflected through improved business assessment index (BAI)<sup>2</sup> at 108.6 for Q3:2022-23, as against 106.7 in the previous quarter (Chart 1).

### B. Expectations for Q4: 2022-23

- Respondents retained optimistic outlook on demand conditions for Q4:2022-23, with marginally waned expectations on order books, employment and foreign trade.
- Cost pressures from financing, purchase of raw materials and wages are likely to continue with some softening during Q4:2022-23.
- Selling prices and profit margins are expected to continue to rise with some curb as a majority of respondents expect 'no change'.
- Manufacturers remained highly optimistic about overall business conditions with the business expectations index (BEI) remaining elevated at 132.9 in Q4:2022-23 though it moderated marginally on a sequential basis (Chart 1).

<sup>&</sup>lt;sup>1</sup> The survey results reflect the respondents' views, which are not necessarily shared by the Reserve Bank. Results of the previous survey round were released on the Bank's website on <u>September 30, 2022</u>.

<sup>&</sup>lt;sup>2</sup> For each survey round, two summary indices are computed – one based on assessment [viz., Business Assessment Index (BAI)] and another based on expectations [viz., Business Expectations Index (BEI)]. Each index is a composite indicator calculated as a simple average of nine business parameters, where each parameter is derived as a weighted net response, weights being the share of industry groups in gross value added (GVA). The nine parameters considered are: (1) overall business situation; (2) production; (3) order books; (4) inventory of raw material; (5) inventory of finished goods; (6) profit margins; (7) employment; (8) exports; and (9) capacity utilisation. BAI/BEI gives a snapshot of the business outlook in every quarter and takes values between 0 and 200, with 100 being the threshold separating expansion from contraction.



# C. Expectations for Q1:2023-24 and Q2:2023-24

- Manufacturers remain optimistic on demand conditions for next two expectations quarters as reflected in highly positive sentiments on production, order books, employment condition, capacity utilisation and overall business situation (Table B).
- Input cost pressures for manufacturing sector is likely to continue with some easing and selling price growth is expected to remain elevated with softening bias during H1:2023-24.

**Table A: Summary of Net responses**<sup>3</sup> on Survey Parameters (per cent)

| Davamastava  | Assessme   | ent period | Expectati  | on period  |
|--|------------|------------|------------|------------|
| Parameters   | Q2:2022-23 | Q3:2022-23 | Q3:2022-23 | Q4:2022-23 |
| Production   | 18.1       | 25.1       | 56.2       | 57.4       |
| Order Books  | 18.6       | 21.0       | 62.4       | 59.4       |
| Pending Orders   | 7.3        | 6.2        | -0.7       | 1.2        |
| Capacity Utilisation                                   | 8.6        | 14.9       | 46.6       | 47.2       |
| Inventory of Raw Materials                             | -4.6       | -10.8      | -25.7      | -26.8      |
| Inventory of Finished Goods                            | -4.0       | -9.5       | -26.5      | -26.1      |
| Exports  | 11.1       | 8.5        | 56.0       | 51.5       |
| Imports  | 13.4       | 11.6       | 57.6       | 51.5       |
| Employment   | 12.5       | 13.6       | 43.8       | 36.4       |
| Financial Situation (Overall)                          | 13.9       | 20.1       | 57.7       | 60.6       |
| Availability of Finance (from internal accruals)       | 15.9       | 21.9       | 49.3       | 53.5       |
| Availability of Finance (from banks & other sources)   | 15.4       | 17.0       | 55.1       | 49.2       |
| Availability of Finance (from overseas, if applicable) | 10.6       | 10.7       | 58.9       | 50.1       |
| Cost of Finance  | -30.1      | -31.1      | -51.9      | -50.5      |
| Cost of Raw Material                                   | -72.5      | -64.9      | -64.2      | -60.9      |
| Salary/ Other Remuneration                             | -26.4      | -27.0      | -46.0      | -38.7      |
| Selling Price  | 14.4       | 10.4       | 45.1       | 39.6       |
| Profit Margin  | -9.3       | -8.4       | 35.2       | 32.9       |
| Overall Business Situation                             | 15.8       | 20.3       | 59.4       | 63.1       |

Table B: Business Expectations of Select Parameters for extended period – Net response (per cent)

|                            |            |            |            | (per cent) |
|----------------------------|------------|------------|------------|------------|
| Danamatana                 | Round 99   |            | Round 100  |            |
| Parameters                 | Q3:2022-23 | Q4:2022-23 | Q1:2023-24 | Q2:2023-24 |
| Overall Business Situation | 59.4       | 63.1       | 59.0       | 60.2       |
| Production                 | 56.2       | 57.4       | 57.3       | 58.3       |
| Order Books                | 62.4       | 59.4       | 53.1       | 53.3       |
| Capacity Utilisation       | 46.6       | 47.2       | 55.0       | 55.3       |
| Employment                 | 43.8       | 36.4       | 44.3       | 38.7       |
| Cost of Raw Materials      | -64.2      | -60.9      | -52.7      | -51.9      |
| Selling Prices             | 45.1       | 39.6       | 45.6       | 40.0       |

Note: Please see the excel file for time series data.

<sup>&</sup>lt;sup>3</sup> Net Response (NR) is the difference between the percentage of respondents reporting optimism and those reporting pessimism. It ranges between -100 to 100. Any value greater than zero indicates expansion/optimism and any value less than zero indicates contraction/pessimism. In other words, NR = (I − D), where, I is the percentage response of 'Increase/optimism', and D is the percentage response of 'Decrease/pessimism' and E is the percentage response as 'no change/equal' (*i.e.*, I+D+E=100). For example, increase in production is optimism whereas decrease in cost of raw material is optimism.

**Table 1: Assessment and Expectations for Production** 

|                  | Total    |          | Assessment |              |              |          | Expectations |              |              |  |
|------------------|----------|----------|------------|--------------|--------------|----------|--------------|--------------|--------------|--|
| Quarter response | response | Increase | Decrease   | No<br>change | Net response | Increase | Decrease     | No<br>change | Net response |  |
| Q3:2021-22       | 1,082    | 42.5     | 11.6       | 45.9         | 30.9         | 75.3     | 3.8          | 20.9         | 71.5         |  |
| Q4:2021-22       | 1,283    | 38.0     | 14.2       | 47.8         | 23.8         | 66.5     | 5.3          | 28.3         | 61.2         |  |
| Q1:2022-23       | 1,239    | 36.6     | 14.4       | 48.9         | 22.2         | 70.4     | 4.9          | 24.7         | 65.6         |  |
| Q2:2022-23       | 1,234    | 34.3     | 16.3       | 49.4         | 18.1         | 72.4     | 5.0          | 22.6         | 67.4         |  |
| Q3:2022-23       | 1,356    | 40.5     | 15.4       | 44.1         | 25.1         | 60.8     | 4.6          | 34.5         | 56.2         |  |
| Q4:2022-23       |          |          |            |              |              | 61.2     | 3.8          | 34.9         | 57.4         |  |

<sup>&#</sup>x27;Increase' in production is optimistic.

Note: The sum of components may not add up to total due to rounding off (This is applicable for all tables).

**Table 2: Assessment and Expectations for Order Books** 

(Percentage responses)

| 0          | Tatal          | •        | Assess   | ment         |              | Expectations |          |              |                 |
|------------|----------------|----------|----------|--------------|--------------|--------------|----------|--------------|-----------------|
| Quarter    | Total response | Increase | Decrease | No<br>change | Net response | Increase     | Decrease | No<br>change | Net<br>response |
| Q3:2021-22 | 1,082          | 39.0     | 9.5      | 51.5         | 29.5         | 73.9         | 3.6      | 22.4         | 70.3            |
| Q4:2021-22 | 1,283          | 34.7     | 13.4     | 51.9         | 21.3         | 66.2         | 4.7      | 29.1         | 61.5            |
| Q1:2022-23 | 1,239          | 34.1     | 12.5     | 53.4         | 21.7         | 70.4         | 4.2      | 25.4         | 66.1            |
| Q2:2022-23 | 1,234          | 30.7     | 12.1     | 57.2         | 18.6         | 72.7         | 4.6      | 22.6         | 68.1            |
| Q3:2022-23 | 1,356          | 33.1     | 12.1     | 54.8         | 21.0         | 67.1         | 4.7      | 28.3         | 62.4            |
| Q4:2022-23 |                |          |          |              |              | 63.3         | 3.9      | 32.8         | 59.4            |

<sup>&#</sup>x27;Increase' in order books is optimistic.

**Table 3: Assessment and Expectations for Pending Orders** 

(Percentage responses)

| Table 3. ASS | essinent d     | and Exped       |                 |        | (Percentag      | je responses)   |                 |        |                 |
|--------------|----------------|-----------------|-----------------|--------|-----------------|-----------------|-----------------|--------|-----------------|
|              | Total          |                 | Asses           |        | Expectations    |                 |                 |        |                 |
| Quarter      | Total response | Above<br>Normal | Below<br>Normal | Normal | Net<br>response | Above<br>Normal | Below<br>Normal | Normal | Net<br>response |
| Q3:2021-22   | 1,082          | 7.2             | 10.9            | 81.9   | 3.6             | 8.8             | 4.8             | 86.4   | -4.1            |
| Q4:2021-22   | 1,283          | 9.8             | 13.7            | 76.5   | 3.9             | 8.5             | 7.9             | 83.6   | -0.5            |
| Q1:2022-23   | 1,239          | 6.7             | 14.2            | 79.1   | 7.5             | 8.8             | 10.6            | 80.6   | 1.8             |
| Q2:2022-23   | 1,234          | 10.3            | 17.6            | 72.0   | 7.3             | 7.7             | 10.3            | 82.1   | 2.6             |
| Q3:2022-23   | 1,356          | 8.4             | 14.6            | 76.9   | 6.2             | 10.8            | 10.1            | 79.2   | -0.7            |
| Q4:2022-23   |                |                 |                 |        |                 | 8.9             | 10.1            | 81.0   | 1.2             |

Pending orders 'Below Normal' is optimistic.

Table 4: Assessment and Expectations for Capacity Utilisation (Main Product) (Percentage responses)

|            | Total    |          | Assess   | ment         |              | Expectations |          |              |              |  |
|------------|----------|----------|----------|--------------|--------------|--------------|----------|--------------|--------------|--|
| Quarter    | response | Increase | Decrease | No<br>change | Net response | Increase     | Decrease | No<br>change | Net response |  |
| Q3:2021-22 | 1,082    | 31.2     | 9.0      | 59.8         | 22.2         | 68.3         | 3.1      | 28.5         | 65.2         |  |
| Q4:2021-22 | 1,283    | 30.2     | 13.0     | 56.9         | 17.2         | 57.0         | 4.5      | 38.5         | 52.6         |  |
| Q1:2022-23 | 1,239    | 29.5     | 12.8     | 57.7         | 16.8         | 63.5         | 4.5      | 32.0         | 59.0         |  |
| Q2:2022-23 | 1,234    | 23.4     | 14.8     | 61.8         | 8.6          | 65.6         | 5.0      | 29.4         | 60.6         |  |
| Q3:2022-23 | 1,356    | 29.8     | 15.0     | 55.2         | 14.9         | 51.5         | 4.9      | 43.6         | 46.6         |  |
| Q4:2022-23 |          |          |          |              |              | 51.3         | 4.1      | 44.6         | 47.2         |  |

<sup>&#</sup>x27;Increase' in capacity utilisation is optimistic.

Table 5: Assessment and Expectations for Level of CU (compared to the average in last 4 quarters)

|            |                   |                 | Assess          | ment   |              | Expectations    |                 |        |              |
|------------|-------------------|-----------------|-----------------|--------|--------------|-----------------|-----------------|--------|--------------|
| Quarter    | Total<br>response | Above<br>Normal | Below<br>Normal | Normal | Net response | Above<br>Normal | Below<br>Normal | Normal | Net response |
| Q3:2021-22 | 1,082             | 12.6            | 8.4             | 78.9   | 4.2          | 30.4            | 3.7             | 65.9   | 26.7         |
| Q4:2021-22 | 1,283             | 12.6            | 10.8            | 76.6   | 1.9          | 30.1            | 5.8             | 64.2   | 24.3         |
| Q1:2022-23 | 1,239             | 19.6            | 10.4            | 70.0   | 9.2          | 39.3            | 5.4             | 55.4   | 33.9         |
| Q2:2022-23 | 1,234             | 20.5            | 12.8            | 66.7   | 7.8          | 50.2            | 6.3             | 43.5   | 43.9         |
| Q3:2022-23 | 1,356             | 28.7            | 13.2            | 58.1   | 15.5         | 37.0            | 6.1             | 56.9   | 30.9         |
| Q4:2022-23 |                   |                 |                 |        |              | 34.7            | 8.1             | 57.2   | 26.7         |

<sup>&#</sup>x27;Above Normal' in Level of capacity utilisation is optimistic.

Table 6: Assessment and Expectations for Assessment of Production Capacity (with regard to expected demand in next 6 months) (Percentage responses)

| CAPCOLCG G |          | 10711 0 11101      | (i crocinage responses) |          |              |                    |                    |          |              |
|------------|----------|--------------------|-------------------------|----------|--------------|--------------------|--------------------|----------|--------------|
|            | Total    |                    | Asses                   | sment    |              | Expectations       |                    |          |              |
| Quarter    | response | More than adequate | Less than adequate      | Adequate | Net response | More than adequate | Less than adequate | Adequate | Net response |
| Q3:2021-22 | 1,082    | 13.2               | 6.1                     | 80.6     | 7.1          | 31.0               | 4.0                | 65.1     | 27.0         |
| Q4:2021-22 | 1,283    | 14.1               | 7.1                     | 78.8     | 7.1          | 30.7               | 4.0                | 65.3     | 26.7         |
| Q1:2022-23 | 1,239    | 25.2               | 7.2                     | 67.6     | 18.0         | 42.7               | 3.9                | 53.5     | 38.8         |
| Q2:2022-23 | 1,234    | 21.1               | 6.8                     | 72.1     | 14.3         | 51.5               | 5.4                | 43.0     | 46.1         |
| Q3:2022-23 | 1,356    | 28.9               | 4.4                     | 66.7     | 24.6         | 42.9               | 4.5                | 52.7     | 38.4         |
| Q4:2022-23 |          |                    |                         |          |              | 42.7               | 3.3                | 53.9     | 39.4         |

<sup>&#</sup>x27;More than adequate' in Assessment of Production Capacity is optimistic.

**Table 7: Assessment and Expectations for Exports** 

|            | Total             | -        | Asses    | sment        |              | Expectations |          |              |              |
|------------|-------------------|----------|----------|--------------|--------------|--------------|----------|--------------|--------------|
| Quarter    | Total<br>response | Increase | Decrease | No<br>change | Net response | Increase     | Decrease | No<br>change | Net response |
| Q3:2021-22 | 1,082             | 29.8     | 9.7      | 60.5         | 20.0         | 67.3         | 3.1      | 29.6         | 64.3         |
| Q4:2021-22 | 1,283             | 25.3     | 12.6     | 62.1         | 12.7         | 59.2         | 4.5      | 36.4         | 54.7         |
| Q1:2022-23 | 1,239             | 25.5     | 11.2     | 63.4         | 14.3         | 62.4         | 4.4      | 33.2         | 58.0         |
| Q2:2022-23 | 1,234             | 25.2     | 14.0     | 60.8         | 11.1         | 65.2         | 4.4      | 30.4         | 60.8         |
| Q3:2022-23 | 1,356             | 25.6     | 17.1     | 57.3         | 8.5          | 61.2         | 5.2      | 33.6         | 56.0         |
| Q4:2022-23 |                   |          |          |              |              | 55.5         | 3.9      | 40.6         | 51.5         |

<sup>&#</sup>x27;Increase' in exports is optimistic.

**Table 8: Assessment and Expectations for Imports** 

|            | Total    |          | Assessi  | ment         |              | Expectations |          |              |              |
|------------|----------|----------|----------|--------------|--------------|--------------|----------|--------------|--------------|
| Quarter    | response | Increase | Decrease | No<br>change | Net response | Increase     | Decrease | No<br>change | Net response |
| Q3:2021-22 | 1,082    | 26.8     | 6.9      | 66.3         | 19.9         | 63.4         | 2.9      | 33.7         | 60.4         |
| Q4:2021-22 | 1,283    | 22.9     | 11.6     | 65.4         | 11.3         | 55.6         | 3.8      | 40.6         | 51.8         |
| Q1:2022-23 | 1,239    | 23.9     | 9.0      | 67.0         | 14.9         | 59.7         | 3.4      | 36.9         | 56.4         |
| Q2:2022-23 | 1,234    | 23.5     | 10.1     | 66.4         | 13.4         | 64.5         | 3.2      | 32.3         | 61.3         |
| Q3:2022-23 | 1,356    | 23.8     | 12.2     | 64.0         | 11.6         | 60.8         | 3.2      | 36.0         | 57.6         |
| Q4:2022-23 |          |          |          |              |              | 54.3         | 2.8      | 42.9         | 51.5         |

<sup>&#</sup>x27;Increase' in imports is optimistic.

Table 9: Assessment and Expectations for level of Raw Materials Inventory

(Percentage responses)

|            | Total          |               | Assessi          | ment    |              | Expectations  |                  |         |              |  |
|------------|----------------|---------------|------------------|---------|--------------|---------------|------------------|---------|--------------|--|
| Quarter    | Total response | Above average | Below<br>average | Average | Net response | Above average | Below<br>average | Average | Net response |  |
| Q3:2021-22 | 1,082          | 16.5          | 5.1              | 78.4    | -11.4        | 33.7          | 4.4              | 61.9    | -29.4        |  |
| Q4:2021-22 | 1,283          | 14.7          | 6.9              | 78.4    | -7.8         | 32.7          | 3.7              | 63.5    | -29.0        |  |
| Q1:2022-23 | 1,239          | 16.8          | 7.0              | 76.1    | -9.8         | 42.4          | 3.6              | 54.0    | -38.8        |  |
| Q2:2022-23 | 1,234          | 15.0          | 10.5             | 74.5    | -4.6         | 46.1          | 4.6              | 49.3    | -41.5        |  |
| Q3:2022-23 | 1,356          | 18.1          | 7.3              | 74.6    | -10.8        | 32.8          | 7.1              | 60.1    | -25.7        |  |
| Q4:2022-23 |                |               |                  |         |              | 32.4          | 5.6              | 62.0    | -26.8        |  |

'Below average' Inventory of raw materials is optimistic.

Table 10: Assessment and Expectations for level of Finished Goods Inventory

(Percentage responses)

|            | Total             | Assessment       |                  |         |                 | Expectations     |                  |         |              |
|------------|-------------------|------------------|------------------|---------|-----------------|------------------|------------------|---------|--------------|
| Quarter    | Total<br>response | Above<br>average | Below<br>average | Average | Net<br>response | Above<br>average | Below<br>average | Average | Net response |
| Q3:2021-22 | 1,082             | 15.3             | 5.5              | 79.2    | -9.8            | 34.4             | 3.8              | 61.8    | -30.7        |
| Q4:2021-22 | 1,283             | 13.7             | 7.2              | 79.0    | -6.5            | 31.1             | 3.9              | 64.9    | -27.2        |
| Q1:2022-23 | 1,239             | 16.4             | 7.4              | 76.2    | -9.0            | 42.4             | 3.0              | 54.6    | -39.5        |
| Q2:2022-23 | 1,234             | 14.2             | 10.2             | 75.6    | -4.0            | 45.6             | 4.3              | 50.1    | -41.3        |
| Q3:2022-23 | 1,356             | 17.1             | 7.7              | 75.2    | -9.5            | 33.4             | 6.9              | 59.7    | -26.5        |
| Q4:2022-23 |                   |                  |                  |         |                 | 31.9             | 5.8              | 62.3    | -26.1        |

<sup>&#</sup>x27;Below average' Inventory of finished goods is optimistic.

**Table 11: Assessment and Expectations for Employment** 

|            | Total    | -        | Assess   | ment         |              | Expectations |          |              |              |  |
|------------|----------|----------|----------|--------------|--------------|--------------|----------|--------------|--------------|--|
| Quarter    | response | Increase | Decrease | No<br>change | Net response | Increase     | Decrease | No<br>change | Net response |  |
| Q3:2021-22 | 1,082    | 25.3     | 5.4      | 69.3         | 19.8         | 52.2         | 1.3      | 46.5         | 50.9         |  |
| Q4:2021-22 | 1,283    | 20.3     | 8.9      | 70.8         | 11.4         | 49.2         | 2.0      | 48.8         | 47.2         |  |
| Q1:2022-23 | 1,239    | 23.4     | 8.1      | 68.4         | 15.3         | 52.7         | 2.5      | 44.7         | 50.2         |  |
| Q2:2022-23 | 1,234    | 21.5     | 9.0      | 69.5         | 12.5         | 57.1         | 2.1      | 40.8         | 54.9         |  |
| Q3:2022-23 | 1,356    | 23.0     | 9.4      | 67.7         | 13.6         | 45.0         | 1.2      | 53.9         | 43.8         |  |
| Q4:2022-23 |          |          |          |              |              | 39.0         | 2.5      | 58.5         | 36.4         |  |

<sup>&#</sup>x27;Increase' in employment is optimistic.

**Table 12: Assessment and Expectations for Overall Financial Situation** 

|            | Total    |        | Asses  | sment        |              | Expectations |        |              |                 |  |
|------------|----------|--------|--------|--------------|--------------|--------------|--------|--------------|-----------------|--|
| Quarter    | response | Better | Worsen | No<br>change | Net response | Better       | Worsen | No<br>change | Net<br>response |  |
| Q3:2021-22 | 1,082    | 38.1   | 9.8    | 52.0         | 28.3         | 71.5         | 2.9    | 25.7         | 68.6            |  |
| Q4:2021-22 | 1,283    | 33.9   | 13.2   | 53.0         | 20.7         | 64.0         | 4.7    | 31.3         | 59.3            |  |
| Q1:2022-23 | 1,239    | 33.0   | 12.3   | 54.7         | 20.6         | 69.3         | 3.9    | 26.7         | 65.4            |  |
| Q2:2022-23 | 1,234    | 28.7   | 14.8   | 56.4         | 13.9         | 70.4         | 3.4    | 26.2         | 67.1            |  |
| Q3:2022-23 | 1,356    | 35.6   | 15.5   | 49.0         | 20.1         | 61.4         | 3.8    | 34.8         | 57.7            |  |
| Q4:2022-23 |          |        |        |              |              | 63.9         | 3.3    | 32.8         | 60.6            |  |

<sup>&#</sup>x27;Better' overall financial situation is optimistic.

Table 13: Assessment and Expectations for Working Capital Finance Requirement (Percentage responses)

|            | (i disclinage responses) |          |          |              |              |              |          |              |              |  |  |  |
|------------|--------------------------|----------|----------|--------------|--------------|--------------|----------|--------------|--------------|--|--|--|
|            | Total                    |          | Assess   | ment         |              | Expectations |          |              |              |  |  |  |
| Quarter    | response                 | Increase | Decrease | No<br>change | Net response | Increase     | Decrease | No<br>change | Net response |  |  |  |
| Q3:2021-22 | 1,082                    | 31.6     | 4.5      | 63.9         | 27.1         | 63.3         | 2.2      | 34.4         | 61.1         |  |  |  |
| Q4:2021-22 | 1,283                    | 31.4     | 8.1      | 60.5         | 23.3         | 54.7         | 2.9      | 42.4         | 51.7         |  |  |  |
| Q1:2022-23 | 1,239                    | 33.4     | 7.9      | 58.7         | 25.5         | 62.8         | 1.4      | 35.7         | 61.4         |  |  |  |
| Q2:2022-23 | 1,234                    | 29.6     | 6.8      | 63.5         | 22.8         | 65.0         | 2.6      | 32.5         | 62.4         |  |  |  |
| Q3:2022-23 | 1,356                    | 35.2     | 7.3      | 57.5         | 27.9         | 51.2         | 1.6      | 47.3         | 49.6         |  |  |  |
| Q4:2022-23 |                          |          |          |              |              | 52.3         | 1.1      | 46.5         | 51.2         |  |  |  |

<sup>&#</sup>x27;Increase' in working capital finance is optimistic.

Table 14: Assessment and Expectations for Availability of Finance (from Internal Accruals)
(Percentage responses)

|            | Total    |         | Asse   | ssment       |              | Expectations |        |              |              |  |
|------------|----------|---------|--------|--------------|--------------|--------------|--------|--------------|--------------|--|
| Quarter    | response | Improve | Worsen | No<br>change | Net response | Improve      | Worsen | No<br>change | Net response |  |
| Q3:2021-22 | 1,082    | 30.6    | 5.8    | 63.6         | 24.8         | 64.1         | 2.1    | 33.8         | 61.9         |  |
| Q4:2021-22 | 1,283    | 27.7    | 9.6    | 62.7         | 18.1         | 55.7         | 2.8    | 41.5         | 52.9         |  |
| Q1:2022-23 | 1,239    | 27.8    | 9.7    | 62.4         | 18.1         | 62.4         | 2.5    | 35.2         | 59.9         |  |
| Q2:2022-23 | 1,234    | 24.0    | 8.0    | 68.0         | 15.9         | 64.2         | 2.4    | 33.4         | 61.9         |  |
| Q3:2022-23 | 1,356    | 31.1    | 9.1    | 59.8         | 21.9         | 51.3         | 2.0    | 46.7         | 49.3         |  |
| Q4:2022-23 |          |         |        |              |              | 55.2         | 1.7    | 43.1         | 53.5         |  |

<sup>&#</sup>x27;Improvement' in availability of finance is optimistic.

Table 15: Assessment and Expectations for Availability of Finance (from banks and other sources)

(Percentage responses)

| sources)   |          |         |        |              |              | (1           | ercentage | responses)   |              |
|------------|----------|---------|--------|--------------|--------------|--------------|-----------|--------------|--------------|
|            | Total    |         | Asse   | ssment       |              | Expectations |           |              |              |
| Quarter    | response | Improve | Worsen | No<br>change | Net response | Improve      | Worsen    | No<br>change | Net response |
| Q3:2021-22 | 1,082    | 26.2    | 3.9    | 69.9         | 22.4         | 60.6         | 1.9       | 37.5         | 58.7         |
| Q4:2021-22 | 1,283    | 24.1    | 8.0    | 68.0         | 16.1         | 52.0         | 2.1       | 45.9         | 49.8         |
| Q1:2022-23 | 1,239    | 24.8    | 7.6    | 67.5         | 17.2         | 59.3         | 1.5       | 39.2         | 57.8         |
| Q2:2022-23 | 1,234    | 21.9    | 6.5    | 71.6         | 15.4         | 62.2         | 1.8       | 36.1         | 60.4         |
| Q3:2022-23 | 1,356    | 26.0    | 9.1    | 64.9         | 17.0         | 56.7         | 1.7       | 41.6         | 55.1         |
| Q4:2022-23 |          |         |        |              |              | 50.5         | 1.3       | 48.2         | 49.2         |

<sup>&#</sup>x27;Improvement' in availability of finance is optimistic.

Table 16: Assessment and Expectations for Availability of Finance (from overseas, if applicable)

|            | Total    |         | Asse   | ssment       |              | Expectations |        |              |              |  |
|------------|----------|---------|--------|--------------|--------------|--------------|--------|--------------|--------------|--|
| Quarter    | response | Improve | Worsen | No<br>change | Net response | Improve      | Worsen | No<br>change | Net response |  |
| Q3:2021-22 | 1,082    | 22.4    | 3.4    | 74.1         | 19.0         | 66.5         | 0.6    | 32.8         | 65.9         |  |
| Q4:2021-22 | 1,283    | 17.9    | 8.7    | 73.4         | 9.1          | 52.5         | 1.5    | 46.0         | 50.9         |  |
| Q1:2022-23 | 1,239    | 21.9    | 7.5    | 70.6         | 14.4         | 60.2         | 0.9    | 38.9         | 59.2         |  |
| Q2:2022-23 | 1,234    | 17.4    | 6.8    | 75.8         | 10.6         | 65.8         | 1.2    | 33.0         | 64.6         |  |
| Q3:2022-23 | 1,356    | 20.4    | 9.7    | 69.9         | 10.7         | 59.6         | 0.8    | 39.6         | 58.9         |  |
| Q4:2022-23 |          |         |        |              |              | 51.3         | 1.3    | 47.4         | 50.1         |  |

<sup>&#</sup>x27;Improvement' in availability of finance is optimistic.

**Table 17: Assessment and Expectations for Cost of Finance** 

(Percentage responses)

|            | Total    |          | Asses    | sment        |              | Expectations |          |              |              |  |
|------------|----------|----------|----------|--------------|--------------|--------------|----------|--------------|--------------|--|
| Quarter    | response | Increase | Decrease | No<br>change | Net response | Increase     | Decrease | No<br>change | Net response |  |
| Q3:2021-22 | 1,082    | 24.9     | 5.5      | 69.5         | -19.4        | 58.3         | 2.5      | 39.3         | -55.8        |  |
| Q4:2021-22 | 1,283    | 22.1     | 9.6      | 68.3         | -12.6        | 50.7         | 2.1      | 47.2         | -48.6        |  |
| Q1:2022-23 | 1,239    | 30.5     | 6.9      | 62.6         | -23.6        | 57.0         | 2.1      | 40.9         | -54.9        |  |
| Q2:2022-23 | 1,234    | 36.1     | 6.1      | 57.8         | -30.1        | 65.6         | 1.6      | 32.8         | -64.0        |  |
| Q3:2022-23 | 1,356    | 37.0     | 5.9      | 57.1         | -31.1        | 53.5         | 1.6      | 44.9         | -51.9        |  |
| Q4:2022-23 |          |          |          |              |              | 51.6         | 1.1      | 47.3         | -50.5        |  |

<sup>&#</sup>x27;Decrease' in cost of finance is optimistic.

**Table 18: Assessment and Expectations for Cost of Raw Materials** 

(Percentage responses)

|            | Total    |          | Assessi  | ment         |              | Expectations |          |              |              |  |
|------------|----------|----------|----------|--------------|--------------|--------------|----------|--------------|--------------|--|
| Quarter    | response | Increase | Decrease | No<br>change | Net response | Increase     | Decrease | No<br>change | Net response |  |
| Q3:2021-22 | 1,082    | 62.0     | 3.2      | 34.8         | -58.8        | 76.6         | 1.4      | 22.1         | -75.2        |  |
| Q4:2021-22 | 1,283    | 55.0     | 5.5      | 39.4         | -49.5        | 75.1         | 1.5      | 23.3         | -73.6        |  |
| Q1:2022-23 | 1,239    | 85.5     | 1.1      | 13.3         | -84.4        | 78.2         | 1.2      | 20.6         | -77.0        |  |
| Q2:2022-23 | 1,234    | 77.0     | 4.6      | 18.4         | -72.5        | 80.6         | 1.6      | 17.9         | -79.0        |  |
| Q3:2022-23 | 1,356    | 73.0     | 8.1      | 18.9         | -64.9        | 66.8         | 2.6      | 30.7         | -64.2        |  |
| Q4:2022-23 |          |          |          |              |              | 63.4         | 2.4      | 34.2         | -60.9        |  |

<sup>&#</sup>x27;Decrease' in cost of raw materials is optimistic.

**Table 19: Assessment and Expectations for Salary/Other Remuneration** 

|            | Total    |          | Asses    | ssment       |              | Expectations |          |              |              |  |
|------------|----------|----------|----------|--------------|--------------|--------------|----------|--------------|--------------|--|
| Quarter    | response | Increase | Decrease | No<br>change | Net response | Increase     | Decrease | No<br>change | Net response |  |
| Q3:2021-22 | 1,082    | 29.3     | 2.4      | 68.3         | -26.9        | 51.2         | 0.9      | 47.9         | -50.4        |  |
| Q4:2021-22 | 1,283    | 24.6     | 6.4      | 69.0         | -18.2        | 50.9         | 1.0      | 48.2         | -49.9        |  |
| Q1:2022-23 | 1,239    | 39.6     | 4.8      | 55.5         | -34.8        | 66.3         | 0.7      | 33.0         | -65.6        |  |
| Q2:2022-23 | 1,234    | 30.8     | 4.4      | 64.7         | -26.4        | 61.3         | 0.4      | 38.3         | -60.8        |  |
| Q3:2022-23 | 1,356    | 30.1     | 3.1      | 66.8         | -27.0        | 46.3         | 0.3      | 53.4         | -46.0        |  |
| Q4:2022-23 |          |          |          |              |              | 39.3         | 0.6      | 60.0         | -38.7        |  |

<sup>&#</sup>x27;Decrease' in Salary / other remuneration is optimistic.

Table 20: Assessment and Expectations for Selling Price

|            |                   |          | Asse     | ssment       |              | Expectations |          |              |                 |  |
|------------|-------------------|----------|----------|--------------|--------------|--------------|----------|--------------|-----------------|--|
| Quarter    | Total<br>response | Increase | Decrease | No<br>change | Net response | Increase     | Decrease | No<br>change | Net<br>response |  |
| Q3:2021-22 | 1,082             | 34.5     | 6.3      | 59.2         | 28.2         | 59.7         | 2.3      | 38.0         | 57.4            |  |
| Q4:2021-22 | 1,283             | 30.0     | 9.7      | 60.2         | 20.3         | 54.0         | 3.7      | 42.3         | 50.3            |  |
| Q1:2022-23 | 1,239             | 33.3     | 8.3      | 58.4         | 25.0         | 59.5         | 3.8      | 36.7         | 55.7            |  |
| Q2:2022-23 | 1,234             | 25.1     | 10.7     | 64.2         | 14.4         | 63.4         | 3.2      | 33.4         | 60.3            |  |
| Q3:2022-23 | 1,356             | 23.3     | 12.9     | 63.8         | 10.4         | 48.8         | 3.7      | 47.5         | 45.1            |  |
| Q4:2022-23 |                   |          |          |              |              | 43.2         | 3.6      | 53.1         | 39.6            |  |

<sup>&#</sup>x27;Increase' in selling price is optimistic.

Table 21: Assessment and Expectations for Profit Margin

(Percentage responses)

| . 4.6.6 2 / 1 |                |          |          | ·····        | (i draditaga raspanasa) |              |          |              |              |  |
|---------------|----------------|----------|----------|--------------|-------------------------|--------------|----------|--------------|--------------|--|
|               | Total          |          | Asses    | sment        |                         | Expectations |          |              |              |  |
| Quarter       | Total response | Increase | Decrease | No<br>change | Net response            | Increase     | Decrease | No<br>change | Net response |  |
| Q3:2021-22    | 1,082          | 22.8     | 19.0     | 58.2         | 3.8                     | 59.9         | 8.2      | 31.9         | 51.7         |  |
| Q4:2021-22    | 1,283          | 20.6     | 21.8     | 57.6         | -1.2                    | 49.5         | 9.7      | 40.8         | 39.8         |  |
| Q1:2022-23    | 1,239          | 22.5     | 20.7     | 56.7         | 1.8                     | 53.6         | 10.4     | 35.9         | 43.2         |  |
| Q2:2022-23    | 1,234          | 16.2     | 25.5     | 58.2         | -9.3                    | 57.6         | 10.1     | 32.3         | 47.4         |  |
| Q3:2022-23    | 1,356          | 17.6     | 26.1     | 56.3         | -8.4                    | 44.2         | 9.0      | 46.8         | 35.2         |  |
| Q4:2022-23    |                |          |          |              |                         | 41.0         | 8.1      | 50.9         | 32.9         |  |

<sup>&#</sup>x27;Increase' in profit margin is optimistic.

 Table 22: Assessment and Expectations for Overall Business Situation

|            | Total    |        | Asses  | sment        |                 | Expectations |        |              |              |
|------------|----------|--------|--------|--------------|-----------------|--------------|--------|--------------|--------------|
| Quarter    | response | Better | Worsen | No<br>change | Net<br>response | Better       | Worsen | No<br>change | Net response |
| Q3:2021-22 | 1,082    | 42.3   | 9.8    | 47.9         | 32.5            | 73.1         | 2.8    | 24.1         | 70.3         |
| Q4:2021-22 | 1,283    | 37.7   | 13.6   | 48.8         | 24.1            | 67.6         | 4.2    | 28.2         | 63.4         |
| Q1:2022-23 | 1,239    | 36.0   | 13.8   | 50.2         | 22.3            | 71.8         | 3.8    | 24.4         | 68.0         |
| Q2:2022-23 | 1,234    | 31.6   | 15.7   | 52.7         | 15.8            | 73.9         | 3.2    | 22.9         | 70.7         |
| Q3:2022-23 | 1,356    | 37.7   | 17.4   | 44.9         | 20.3            | 63.8         | 4.4    | 31.7         | 59.4         |
| Q4:2022-23 |          |        |        |              |                 | 66.9         | 3.7    | 29.4         | 63.1         |

<sup>&#</sup>x27;Better' Overall Business Situation is optimistic.

**Table 23: Business Sentiments** 

| Quarter    | Business Assessment Index (BAI) | Business Expectations<br>Index (BEI) |
|------------|---------------------------------|--------------------------------------|
| Q3:2021-22 | 115.0                           | 139.3                                |
| Q4:2021-22 | 111.5                           | 137.8                                |
| Q1:2022-23 | 110.1                           | 134.7                                |
| Q2:2022-23 | 106.7                           | 137.5                                |
| Q3:2022-23 | 108.6                           | 134.4                                |
| Q4:2022-23 |                                 | 132.9                                |