

**DEPARTMENT OF ECONOMIC STATISTICS**

Monetary and Economics Sector  
Bangko Sentral ng Pilipinas



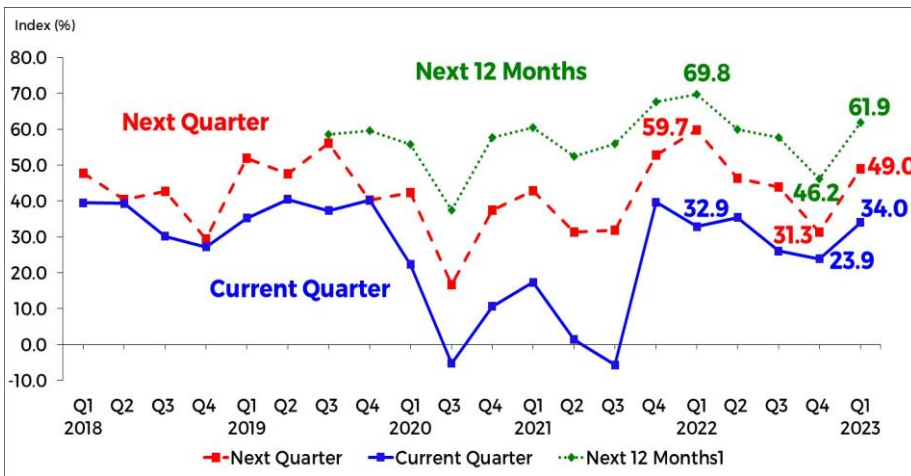
# **BUSINESS EXPECTATIONS SURVEY REPORT**

1<sup>st</sup> Quarter 2023



# Q1 2023 BUSINESS EXPECTATIONS SURVEY

## OVERALL BUSINESS OUTLOOK INDEX



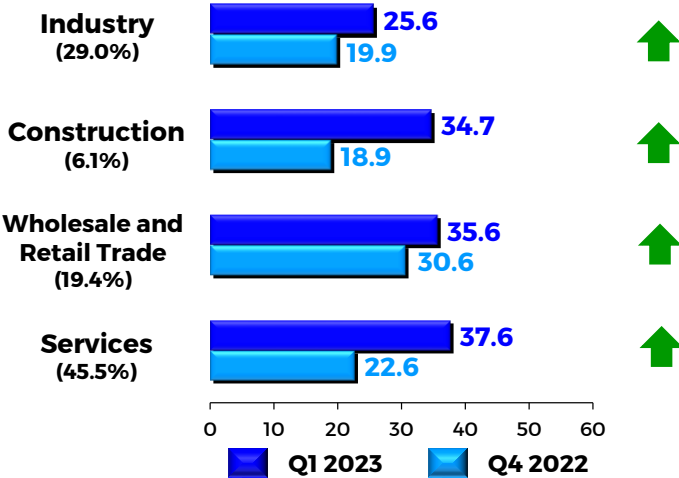
Respondents attribute their more optimistic outlook for Q1 2023 to:

- Higher consumer demand for products and services
- Full reopening of the economy and return to pre-pandemic normalcy
- Increased business activities and sustained economic recovery
- Expansion and new business opportunities

## BUSINESS OUTLOOK

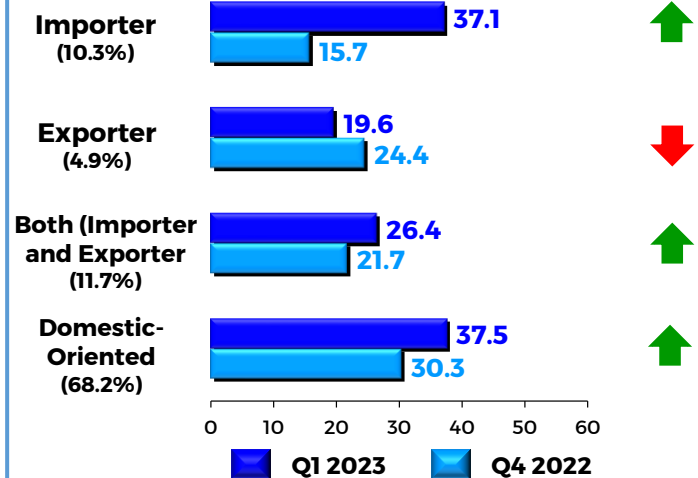
### BY SECTOR

% Share of Respondents

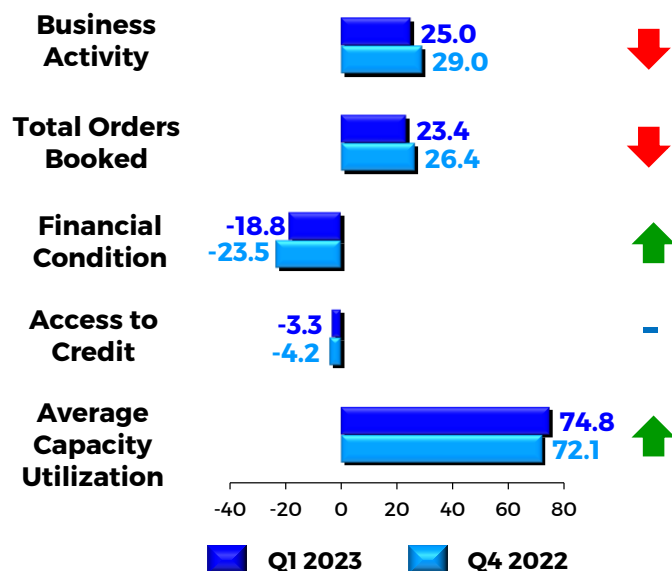


### BY TYPE OF TRADING GROUP

% Share of Respondents



## SENTIMENT INDICATORS



## ECONOMIC INDICATORS

Indicator	Period	Current Quarter	Next Quarter	Next 12 Months
Inflation Rate	Q1 2023	42.1	18.3	7.3
	Q4 2022	72.2	42.9	19.2
Peso Borrowing Rate	Q1 2023	30.2	25.5	22.3
	Q4 2022	25.6	26.8	24.8
Exchange Rate (₱/US\$)	Q1 2023	19.9	11.8	17.2
	Q4 2022	-25.6	-13.5	-2.5
Employment Rate	Q1 2023	N.A.	13.4	36.4
	Q4 2022	N.A.	21.2	29.0

Based on the Diffusion Index (DI) of the reference period:

- +/- Inflation Rate - more respondents expect that inflation may increase/decrease
- +/- Peso Borrowing Rate - more respondents expect that the peso borrowing rate may increase/decrease
- +/- Exchange Rate - more respondents expect that the peso may appreciate/depreciate against the US dollar
- +/- Employment Rate - respondents expect that the number of their employees may increase/decrease

Legend: Up Down Steady (for diffusion indices with less than 1 percent absolute difference) as compared with the previous survey round

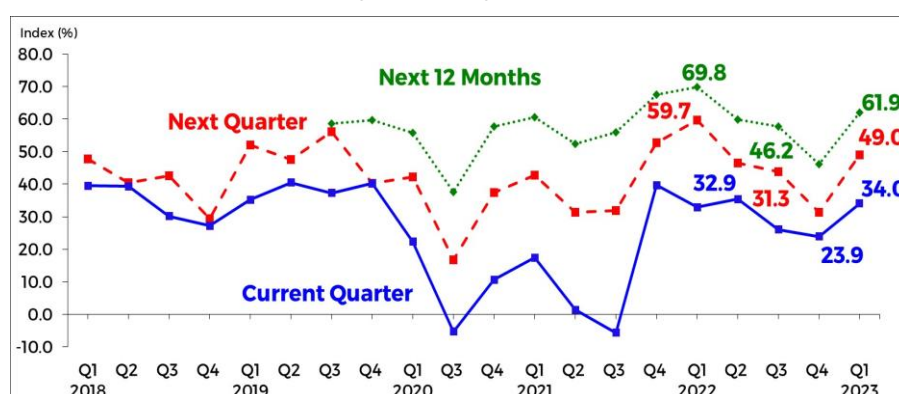
# BUSINESS EXPECTATIONS SURVEY<sup>1</sup>

First Quarter 2023

**Businesses are More Confident for Q1 2023, Q2 2023 and the Next 12 Months**

**Overall Business Outlook on the Macroeconomy**

**Overall Business Confidence Index (CI)  
Q1 2018 - Q1 2023**



*Businesses are more confident for Q1 2023...*

**Business firms expressed stronger confidence on the economy for Q1 2023** as the overall confidence index (CI) rose sharply to 34 percent from 23.9 percent in Q4 2022. This means that the percentage of optimists increased and outweighed the percentage of pessimists during the quarter (see Table 1).<sup>2</sup>

<sup>1</sup> The Business Expectations Survey (BES) is a quarterly survey of firms drawn at random from the list of Top 7,000 Corporations ranked based on total assets in 2016-2017 from the Bureau van Dijk database. Results of the BES provide advance indication of the direction of the change in overall business activity in the economy and in the various measures of companies' operations as well as in selected economic indicators. The Q1 2023 BES was conducted during the period 13 January to 6 March 2023.

<sup>2</sup> The business confidence index (CI) is computed as the percentage of firms that answered in the affirmative less the percentage of firms that answered in the negative with regard to their views on the overall business outlook.

Generally, the overall business CI for the country is computed by summing up the products of 1) the weights of the two (2) geographic areas, *i.e.*, *National Capital Region (NCR)* and *Areas Outside the National Capital Region (AONCR)*, and 2) their respective CIs, *i.e.*, *the NCR CI and AONCR CI*. The weights of the geographic areas are computed by dividing the number of firms in the NCR and AONCR by the total population of firms used in the survey, *i.e.*, *BES Total Firms*. The National Capital Region (NCR) is composed of 16 highly urbanized cities and 1 municipality, while Areas Outside the National Capital Region (AONCR) are composed of 16 regions outside the NCR.

The geographic area CI, *e.g.*, *NCR CI*, is computed by summing up the products of 1) the weights of the four (4) economic sectors in a geographic area and 2) their respective CIs. The weights of the economic sectors in a geographic area are computed by dividing the number of firms in specific geographic area and economic sector, *e.g.*, *NCR Industry Sector firms*, by the total population of firms in a geographic area, *e.g.*, *NCR Total Firms*. The four (4) economic sectors are as follows:

1. **Industry Sector** is composed of Manufacturing, Mining and Quarrying, Electricity, Gas and Water, and Agriculture, Fishery and Forestry Sub-sectors
2. **Construction Sector** is made up of firms engaged in general construction and specialized construction activities for buildings and civil engineering works
3. **Services Sector** is composed of Financial Intermediation, Real Estate, Renting and Business Activities, Hotels and Restaurants, Transport, Storage and Communications and Community, Social and Personal Services Sub-sectors
4. **Wholesale and Retail Trade Sector** is made up of businesses engaged in wholesale and retail sale (*i.e.*, *sale without transformation*) of any type of goods and the rendering services incidental to the sale of these goods.

Similarly, the economic sector CI is generated by summing up the products of 1) the economic sub-sector weights in a geographic area and 2) their respective sub-sector CIs. The weights of the economic sub-sectors in a geographic area are computed by dividing the number of firms in a specific geographic area, economic sector and economic sub-sector, *e.g.*, *NCR Industry Sector Manufacturing firms*, by the total population of firms in a geographic area and economic sector, *e.g.*, *NCR Industry Sector Total firms*.

Classification: GENERAL



Emerging from the pandemic crisis in 2020-2021, the more upbeat outlook of respondents for Q1 2023 was attributed to expectations of: (a) higher consumer demand for products and services (e.g., motor vehicles, loan products, construction materials, electronics, and computers/laptops), (b) full reopening of the economy and return to pre-pandemic normalcy as more COVID-19 restrictions are lifted, (c) increased business activities and sustained economic recovery, and (d) expansion and new business opportunities in healthcare, manufacturing, and construction sub-sectors.

Similar to the Philippines, the business outlook in the country's top trading partners, such as China, the euro area, and Hong Kong, was more optimistic in Q1 2023. Meanwhile, the business sentiment turned optimistic in Australia, Thailand, and Vietnam, was less pessimistic in Taiwan and the United States of America but more pessimistic in South Korea.<sup>3</sup>

*...Q2 2023 and the next 12 months.* **The business sentiment for Q2 2023 turned more optimistic** as the overall CI increased to 49 percent from 31.3 percent a quarter ago (See Table 1).

With the full reopening of the economy due to the easing of pandemic restrictions, respondents' more optimistic outlook for the next quarter was attributed primarily to expectations of: (a) higher volume of sales (e.g., food and beverages, electronic parts, computers and laptops, paint, garments, airline tickets, and loan products), (b) improved business activities and operations, and (c) seasonal uptick in demand over the summer months.

Similarly, **for the next 12 months, business sentiment was more buoyant** as the overall CI significantly increased to 61.9 percent from previous quarter's survey result of 46.2 percent (Table 1).<sup>4</sup>

The respondents' more buoyant business confidence for the next 12 months was also attributed to their optimism about (a) higher demand/sales, (b) a fully reopened economy, (c) better business conditions, and (d) new business opportunities.

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<sup>3</sup> Refers to top trading partners of the Philippines, each accounting for at least 1 percent share of the country's total merchandise trade for the past five years (2017-2021). Hong Kong has quarterly business confidence index. Meanwhile, Australia, China, euro area, South Korea, Taiwan, Thailand, the United States of America and Vietnam record their business confidence index on a monthly basis. For cross-country assessment of the business sentiment, the latest CI level is compared with the CI level of the previous reference period as posted in <https://tradingeconomics.com/>.

<sup>4</sup> Beginning with the Q3 2019 BES, the questionnaire has been enhanced to include questions on the 12-month outlook of businesses on the macroeconomy, business activity, employment, and expectations on selected economic indicators.



### Overall Business Outlook Index by Area Q1 2020 - Q1 2023



*Business outlook of NCR and AONCR firms mirrors the national trend for all periods.*

In line with the national trend, the overall business sentiment of respondents in both the National Capital Region (NCR) and Areas Outside the NCR (AONCR) turned more upbeat for the current and next quarters and the next 12 months (See Table 1).<sup>5</sup>

*Business confidence in most regions outside the NCR is more optimistic for Q1 2023...*

The business outlook across regions outside the NCR was generally more optimistic in Q1 2023. In particular, the CIs of Regions I, II, III, IV, VII, VIII and XI were more positive. The anticipated increase in sales of consumer products and demand for education and tourism services were some of the factors that buoyed firms' sentiment of higher spending that will spur business activity. By contrast, the CIs of Regions V, VI and IX were less positive, while that of Region XII turned negative. The outlook of firms in said regions was tempered by (a) high inflation and interest rates, (b) unfavorable business conditions, and (c) supply shortages of consumer goods. Meanwhile, the overall business outlook index of respondent firms in Region X remained positive.

*...Q2 2023...*

Similarly, the business sentiment of firms in regions outside the NCR was mostly more upbeat for Q2 2023. A detailed analysis of AONCR respondents showed that firms in Regions I, II, IV, V, VII, VIII, X, XI and XII was more optimistic for the quarter ahead. As these firms return to business as usual, they cited that their more buoyant outlook benefited from (a) higher sales and orders, (b) good harvest and (c) local festivities during the said quarter. Meanwhile, the respondent firms in Regions III, VI and IX mentioned the off-season milling period as a reason for their less favorable outlook in the next quarter.

<sup>5</sup> The survey covered all 16 regions of the Philippines. (For the list of regions and the distribution of top 7,000 corporations by region, please see Annexes A and B).



*...and the next 12 months.* Likewise, the outlook of respondent firms in most regions outside the NCR was more upbeat for the next 12 months. The optimism of firms in Regions I, III, IV, VI, VII, VIII, X, XI and XII stemmed from their (a) anticipated uptick in the demand from the tourism and education industry amid the full reopening of the economy and (b) the further relaxation of COVID-19 mask and vaccination requirements. Meanwhile, the less upbeat business sentiment of respondent firms for the next 12 months in Regions II and V was attributed to stiffer domestic competition. Moreover, the positive business sentiment of firms in Region IX remained.

*Outlook across all types of trading firms is generally more upbeat for Q1 2023...* **Across different types of trading firms (i.e., exporter, importer, dual-activity and domestic-oriented), business sentiment was generally more upbeat for Q1 2023.**<sup>6</sup> Specifically, importers, dual-activity and domestic-oriented firms were more buoyant, while exporters were less optimistic in the current quarter (see Table 15). Importers, dual-activity and domestic-oriented firms attributed their more upbeat sentiment to (a) stronger demand for loans, tourism and education services, and consumer products with the lifting of travel and social gathering restrictions, and (b) uninterrupted economic recovery from the pandemic as business operations fully normalize. Furthermore, the end of fishing ban, start of the milling season, as well as business expansions were also cited as reasons for their more optimistic sentiment in the current quarter.<sup>7,8</sup> Meanwhile, exporters mentioned disruptions of business operations due to weather disturbances in Q1 2023 as a reason for their less optimistic outlook in the current quarter.<sup>9</sup>

*...and more optimistic for the next quarter and next 12 months.* For Q2 2023 and the next 12 months, all types of trading firms were more optimistic as they posted higher CIs from the previous quarter's survey result (see Tables 19 and 23).

*Outlook across all firms, regardless of employment size, is more buoyant for Q1 2023 and for the near term.* The business outlook for Q1 2023, Q2 2023 and the next 12 months, across all firms, regardless of employment size (small-, medium- and large-sized firms) was more buoyant (see Tables 17, 21, and 24).<sup>10</sup>

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<sup>6</sup> Dual-activity firms refer to companies who are involved in both importing and exporting.

<sup>7</sup> As mandated in Fisheries Administrative Order (FAO) 167-3 Series of 2013, the closed fishing season in the Visayan Sea shall only be effective from 15 November of the current year to 15 February of the following year. <https://bit.ly/3JvdWxF>

<sup>8</sup> The sugar milling season in Eastern Visayas runs from January to May 2023. <https://bit.ly/3LCTr3R>

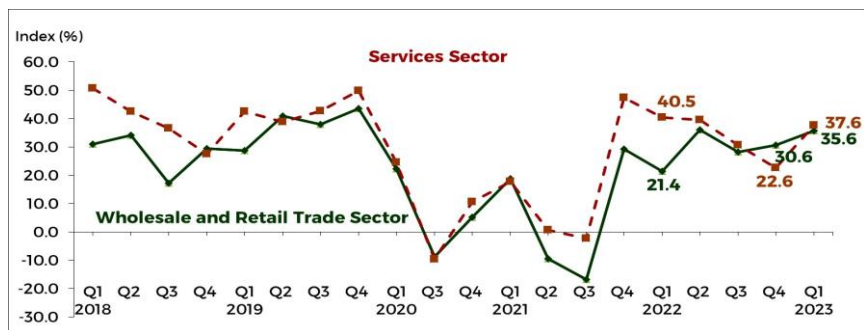
<sup>9</sup> "Low Pressure Areas (LPAs), northeast monsoon bringing rain to much of Philippines". <https://bit.ly/4Okk6aT>

<sup>10</sup> Small-sized firms have less than 100 employees, medium-sized firms, 100-499 employees, large-sized firms have 500 or more employees.



## ❖ Sectoral Outlook

### Current Quarter Business Outlook Index by Sector Q1 2018 – Q1 2023



*Business sentiment across all sectors is more optimistic for Q1 2023...* The CIs of all sectors (i.e., industry, construction, services and wholesale and retail trade sectors) increased in Q1 2023, suggesting a more optimistic business outlook for the current quarter (see Table 2).

The construction firms' heightened optimism was due to their anticipation of new projects amid the full reopening of the economy, lifting of pandemic-related restrictions and good weather conditions which bode well to construction activities. The more favorable business sentiment of respondent firms in the services sector were mainly due to their expectations of sustained economic growth and strong demand in the tourism, banking, and education sub-sectors. Moreover, the more upbeat outlook in Q1 2023 of firms in the industry and wholesale and retail trade sectors was attributed to higher sales projection as the country's post-pandemic recovery gains further traction.

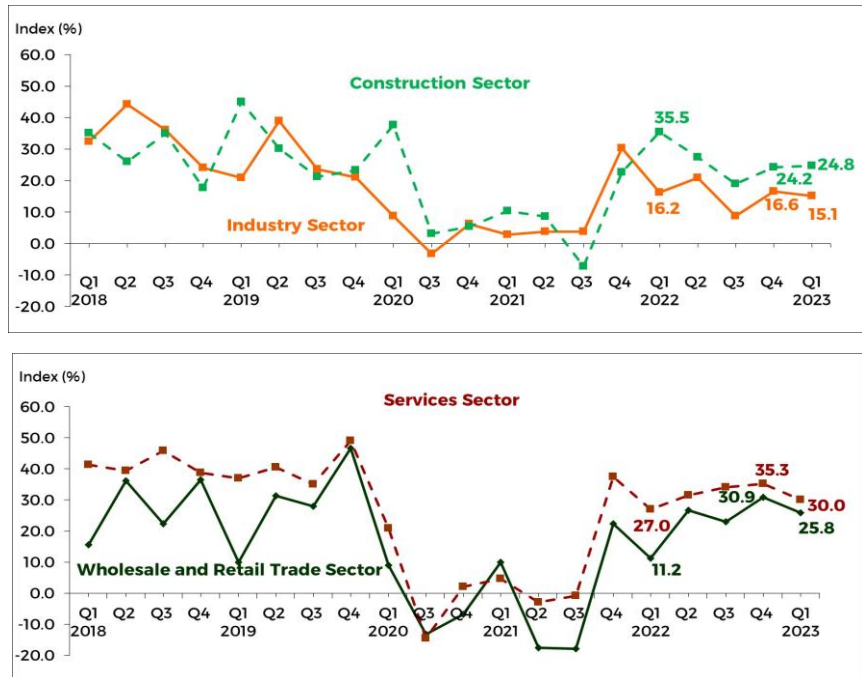
*... for the next quarter...* Similarly for Q2 2023, the outlook across all sectors turned more upbeat as the CIs rose. Firms across all sectors were optimistic on the expected increase of sales volume as post-pandemic recovery continues. Furthermore, businesses from the services, industry and trade sectors expect that inflation will moderate and interest rates will decline in Q2 2023. Meanwhile, businesses in the industry and services sector also cited the usual uptick in demand during the summer season and good harvest as reasons for their more favorable business sentiment for the next quarter.

*...and for the next 12 months.* The outlook of businesses was likewise more buoyant for the next 12 months across all sectors due to the aforementioned reasons (see Table 4).



## ❖ Business Outlook on Own Operations

### Current Quarter Business Activity Index by Sector Q1 2018 - Q1 2023



*Firms' outlook on their business operations is mostly less upbeat for Q1 2023.*

Meanwhile, the CIs of firms on their own business operations, which was based on the volume of business activity and total orders booked, remained positive, but slightly lower for the current quarter. As consumers typically adjust their spending behavior after the holidays, sectors anticipated slower business activity and total orders on their own operations for Q1 2023. In particular, the outlook on the volume of business activity was less buoyant across all sectors, but was steady in the construction sector. On the other hand, the outlook on the volume of total orders booked for the current quarter was mixed as sentiment was less optimistic among firms in wholesale and retail trade and services sectors, more upbeat among firms in the industry sector, and steady among firms in the construction sector.

For Q2 2023, a more upbeat outlook on the volume of business activity was recorded across all sectors. Moreover, the firms' outlook on the volume of business activity for the next 12 months was more buoyant due to the more optimistic sentiment of the firms in the industry, construction and services sectors, which outweighed the less buoyant sentiment of the firms in the wholesale and retail trade sector (see Tables 5-7).

## ❖ Average Capacity Utilization

*Capacity utilization rises for Q1 2023.*

The average capacity utilization in the industry and construction sectors for Q1 2023 rose to 74.8 percent from 72.1 percent in Q4 2022





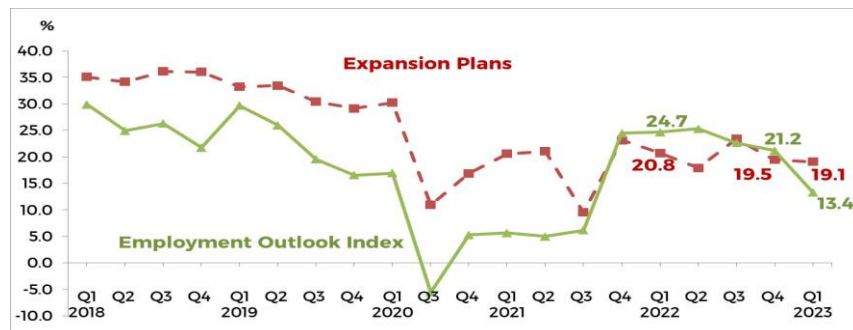
(see Table 5).<sup>11</sup> Particularly, the average capacity utilization of the industry sector for Q1 2023 increased to 73.6 percent (from 71.5 percent in Q4 2022). Likewise, the January 2023 results of the Monthly Integrated Survey of Selected Industries (MISSI) of the Philippine Statistics Authority (PSA) indicated higher capacity utilization rate among selected major industries compared with the December 2022 figures.<sup>12</sup>

### ❖ Financial Condition and Access to Credit <sup>13</sup>

*Firms expect financial condition and access to credit to be less tight for Q1 2023.* Firms expected that their financial condition and access to credit to be less tight for Q1 2023 as their corresponding indices improved, but remained negative at -18.8 percent (from -23.5 percent) and at -3.3 percent (from -4.2 percent), respectively. This means that the number of firms that expect tight financial conditions and access to credit decreased, but continued to outnumber those that said otherwise during the current quarter (see Table 5). The tight credit condition expected by firms in the current quarter was consistent with the outcome of the Q4 2022 Senior Bank Loan Officers' Survey (SLOS), which pointed to an expectation of a net tightening of lending standards for businesses for Q1 2023.<sup>14</sup>

### ❖ Employment and Expansion Plans

**Next Quarter Employment Outlook and Expansion Plans  
Q1 2018 - Q1 2023**



*For Q2 2023, the employment outlook index and the percentage of firms with expansion plans declines.* The employment outlook index declined to 13.4 percent for Q2 2023 (from 21.2 percent in the Q4 2022 survey results). The lower reading in Q1 2023 suggests that hiring intentions may turn less favorable for the next quarter. Conversely, employment prospects for the next 12 months are expected to improve as the employment outlook index increased to 36.4 percent from 29 percent in the previous quarter's survey results (see Tables 6 and 7).

<sup>11</sup> For the BES average capacity utilization, firms in the industry and construction sectors were sampled. This differs from the sampling methodology of the MISSI, where a sample of only large manufacturing firms was used.

<sup>12</sup> The average capacity utilization of the MISSI was higher at 72.6 percent in January 2023 (from 71.5 percent in December 2022).

<sup>13</sup> Financial conditions refer to the firm's general cash position considering the level of cash and other cash items and repayment terms on loans. Access to credit refers to the environment external to the firm, such as the availability of credit in the banking system and other financial institutions.

<sup>14</sup> Results of the Q4 2022 Senior Bank Loan Officers' Survey (SLOS) as indicated by the diffusion index (DI) approach generally reflected a net tightening of overall credit standards to enterprises in Q1 2023. <https://bit.ly/3J14pKZ>



For Q2 2023, the percentage of businesses in the industry sector with expansion plans declined marginally to 19.1 percent (from 19.5 percent in the Q4 2022 survey results). In particular, the increase in the percentage of firms with expansion plans belonging to the mining and quarrying sub-sector was counterbalanced by the decline in the percentage of firms with expansion plans in the manufacturing, electricity, gas and water and agriculture, fishery and forestry sub-sectors. Meanwhile, the percentage of industry firms with expansion plans for the next 12 months rose to 26 percent (from 22.9 percent), driven by the increase in the percentage of firms with expansion plans from the mining and quarrying, manufacturing and the agriculture, fishery and forestry sub-sectors (see Tables 8 and 9).

### ❖ Business Constraints

*Domestic competition, insufficient demand and high interest rates are major risks to businesses..* The major business risks for Q1 2023 as identified by the respondents were (1) stiff domestic competition (52.6 percent of respondents), (2) insufficient demand (33 percent), and (3) high interest rate (29 percent). Meanwhile, concerns over COVID-19 among respondent firms continued to subside as the number of firms indicating COVID-related restrictions as a business constraint significantly declined from 394 in Q3 2020 to 28 in the current quarter (see Table 10).

### ❖ Expectations on Key Economic Indicators<sup>15</sup>

*Firms expect a stronger peso, and higher borrowing and inflation rates for Q1 2023 and the near term.* For Q1 and Q2 2023, and the next 12 months, businesses expect that the peso may appreciate against the U.S. dollar and the peso borrowing and inflation rates may rise. Although businesses expect that inflation may breach the upper end of the National Government's 2–4 percent inflation target range for 2023-2024, inflation expectations among businesses may ease in the near term as the number of respondents who expected higher inflation declined compared with the Q4 2022 survey results. Particularly, businesses are expecting that inflation for Q1 2023, Q2 2023 and the next 12 months may average at 7 percent, 6.9 percent, and 6.6 percent, respectively. Meanwhile, firms are anticipating that the peso-dollar rate may average at Php 55.4/US\$1 for Q1 and Q2 2023, and Php 55.3/US\$1 for the next 12 months (see Tables 11-13).

<sup>15</sup> The expectations on key economic indicators are expressed in terms of confidence indices (CIs), which are computed as the percentage of firms that answered "up" less the percentage of firms that answered "down" with respect to their views on a given key economic indicator. A positive CI indicates a favorable view, except for the inflation rate and the peso-borrowing rate, where a positive CI indicates the opposite.



## About the Survey

*Survey response rate is 60.6 percent.* The Q1 2023 BES was conducted during the period **13 January – 6 March 2023**.<sup>16</sup> There were 1,554 firms surveyed nationwide, consisting of 582 companies in the NCR and 972 firms in AONCR, covering all 16 regions nationwide. Samples were drawn from the Top 7,000 Corporations ranked based on total assets in 2016-2017 from the Bureau van Dijk (BvD) database. The BES sample was derived through stratified random sampling.<sup>17</sup>

The nationwide survey response rate for this quarter was slightly lower at 60.6 percent (from 61 percent in Q4 2022). The response rate was higher for the NCR at 61.3 percent (from 57 percent) but lower for AONCR at 60.2 percent (from 63.6 percent).

A breakdown of responses by type of business showed that 68.2 percent were domestic-oriented firms, 11.7 percent were both importers and exporters, 10.3 percent were importers, and 4.9 percent were exporters. The remaining 5 percent of the respondents did not specify their firm type (see Table 20).<sup>18</sup>

By size of employment, the survey showed that 44.7 percent of respondents were small-sized firms, 33.3 percent were medium-sized, and 12.8 percent were large firms. The rest of the respondents either did not specify the number of their employees or indicated that their company does not have any employee (see Table 22).

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<sup>16</sup> Approval for the conduct of the Q1 2023-Q4 2025 BES was issued on 29 December 2022 through PSA Approval Nos. BSP-2256-01 to 04 corresponding to the four (4) BES questionnaire versions for firms in the following sectors: (1) Industry, (2) Construction, (3) Services and (4) Wholesale and Retail Trade.

<sup>17</sup> The combined list of top corporations was subdivided into 192 strata classified by region—NCR and AONCR (the other 15 regions of the country)—and by industry sub-group, namely: (a) Group I: Industry, which consists of manufacturing, mining and quarrying, electricity, gas and water, and agriculture, fishery and forestry, (b) Group II: Construction, (c) Group III: Services, which consists of financial intermediation, real estate, renting and business activities, hotels and restaurants, transport, storage and communications and community, social and personal services, and (d) Group IV: Wholesale and Retail Trade. Beginning Q1 2012, industry classification of companies shifted from the 1994 Philippine Standard Industrial Classification (PSIC) to the 2009 PSIC.

<sup>18</sup> Details may not add up to 100 percent due to rounding.

**Annex A. Distribution of Top 7000 Corporations Ranked According to their 2016-2017 Total Assets from the Bureau van Dijk Database of Corporations by Region****Population**

SECTOR/SUB-SECTOR	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	CARAGA	ARMM	CAR	NCR	Philippines
Agriculture		1	5	14	1	8	4		2	3	26	7	1	1		11	84
Business	5	9	33	41	1		16			1	5					639	750
Community	4	4	27	54	2	2	5	1	4	2	2	2	1		1	126	237
Construction	2		37	60	9	1	4	4	2		7	1	1			245	373
EGW	4		9	11	1	1	7				2					44	80
Finance	3	11	31	57	7	9	28	3	1	5	9	5	1		1	505	676
Hotels and Restaurants	3	1	11	11	2	4	12		1	1	7	1			4	115	173
Manufacturing	3	3	136	424	6	5	70	7	2	8	24	10		1		739	1438
Mining			3	9			3						4			66	85
Real Estate	3	3	33	93	7	7	36	3	3	4	18	5				620	835
Trade	11	4	142	161	19	18	67	3	18	6	65	18	1	3	1	1289	1826
Transportation	1		27	48	6	1	11		1	1	9	2				288	395
Services Sector	19	28	162	304	25	23	108	7	10	14	50	15	2		6	2293	3066
Industry Sector	7	4	153	458	8	14	84	7	4	11	52	17	5	2	1	860	1687
Grand Total	39	36	494	983	61	56	263	21	34	31	174	51	9	5	8	4687	6952

**Number of Samples**

SECTOR/SUB-SECTOR	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	CARAGA	ARMM	CAR	NCR	Philippines
Agriculture		1	4	11	1	8	1		2	3	17	7	1	1		11	68
Business	5	9	15	16	1		13			1	4					73	137
Community	4	4	18	24	2	2	5	1	4	2	2	2	1		1	16	88
Construction	2		14	17	9	1	2	4	2		4	1	1			31	88
EGW	4		7	9	1	1	7				2					24	56
Finance	3	11	17	23	7	9	20	3	1	5	7	5	1		1	60	173
Hotels and Restaurants	3	1	9	8	2	4	9		1	1	4	1			4	16	63
Manufacturing	3	3	19	51	6	5	20	7	2	8	16	10		1		82	233
Mining			3	8			3						4			19	37
Real Estate	3	3	20	16	7	7	17	3	3	4	10	5				72	170
Trade	11	4	20	21	19	18	25	3	18	6	30	18	1	3	1	142	340
Transportation	1		17	20	6	1	8		1	1	8	2				36	101
Services Sector	19	28	96	107	25	23	72	7	10	14	35	15	2		6	273	732
Industry Sector	7	4	33	79	8	14	31	7	4	11	35	17	5	2	1	136	394
GRAND TOTAL	39	36	163	224	61	56	130	21	34	31	104	51	9	5	8	582	1554

**Annex B. Regions and Provinces of the Philippines**

<b>Regions</b>	<b>Provinces</b>
I-Ilocos	Ilocos Norte, Ilocos Sur, La Union and Pangasinan
II-Cagayan Valley	Batanes, Cagayan, Isabela, Nueva Vizcaya and Quirino
III-Central Luzon	Aurora, Bataan, Bulacan, Nueva Ecija, Pampanga, Tarlac and Zambales
IV-Southern Tagalog	Cavite, Laguna, Batangas, Marinduque, Occidental Mindoro, Oriental Mindoro, Palawan, Quezon, Rizal and Romblon
V-Bicol	Albay, Camarines Norte, Camarines Sur, Catanduanes, Masbate and Sorsogon
VI-Western Visayas	Aklan, Antique, Capiz, Guimaras, Negros Occidental and Iloilo
VII-Central Visayas	Cebu, Bohol, Negros Oriental and Siquijor
VIII-Eastern Visayas	Biliran, Eastern Samar, Leyte, Northern Samar, Samar and Southern Leyte
IX-Zamboanga Peninsula	Zamboanga del Norte, Zamboanga del Sur, Zamboanga Sibugay, Isabela City and Zamboanga City
X-Northern Mindanao	Bukidnon, Camiguin, Lanao del Norte, Misamis Occidental and Misamis Oriental
XI-Davao	Compostela Valley, Davao del Norte, Davao del Sur and Davao Oriental
XII-SOCCSKARGEN	Cotabato, Sultan Kudarat, South Cotabato and Sarangani
Cordillera Administrative Region (CAR)	Abra, Apayao, Benguet, Ifugao, Kalinga and Mountain Province
Autonomous Region of Muslim Mindanao (ARMM)	Basilan (excluding Isabela City), Lanao del Sur, Maguindanao, Sulu and Tawi-Tawi
Caraga	Agusan del Norte, Agusan Del Sur, Dinagat Islands, Surigao del Norte and Surigao del Sur
National Capital Region (NCR) <sup>1</sup>	Caloocan, Las Piñas, Makati, Malabon, Mandaluyong, Manila, Marikina, Muntinlupa, Navotas, Parañaque, Pasay, Pasig, Pateros, Quezon City, San Juan, Taguig and Valenzuela

<sup>1</sup> NCR is composed of 16 highly-urbanized cities and one municipality (Pateros).

**BUSINESS EXPECTATIONS SURVEY  
2018 - 2023**

	2018				2019				2020 *			2021				2022				2023
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
<b>1. Overall Business Outlook on the Macroeconomy</b>																				
<b>Confidence Index: All Sectors</b>																				
<b>Current Quarter</b>	<b>39.5</b>	<b>39.3</b>	<b>30.1</b>	<b>27.2</b>	<b>35.2</b>	<b>40.5</b>	<b>37.3</b>	<b>40.2</b>	<b>22.3</b>	<b>-5.3</b>	<b>10.6</b>	<b>17.4</b>	<b>1.4</b>	<b>-5.6</b>	<b>39.7</b>	<b>32.9</b>	<b>35.4</b>	<b>26.1</b>	<b>23.9</b>	<b>34.0</b>
NCR	41.1	37.3	29.7	27.4	37.1	40.6	40.4	42.2	23.2	-6.9	13.2	20.1	-0.8	-7.9	43.7	35.8	38.2	27.9	21.5	36.0
AONCR	36.7	43.0	30.9	26.8	32.0	40.3	31.9	36.8	20.4	-1.6	5.0	11.4	6.4	-0.6	30.6	26.8	29.5	22.4	28.7	29.9
<b>Next Quarter</b>	<b>47.8</b>	<b>40.4</b>	<b>42.6</b>	<b>29.4</b>	<b>52.0</b>	<b>47.6</b>	<b>56.1</b>	<b>40.3</b>	<b>42.3</b>	<b>16.8</b>	<b>37.4</b>	<b>42.8</b>	<b>31.4</b>	<b>31.9</b>	<b>52.8</b>	<b>59.7</b>	<b>46.4</b>	<b>43.9</b>	<b>31.3</b>	<b>49.0</b>
NCR	47.9	39.5	43.4	29.5	52.2	49.9	58.7	41.2	43.9	15.5	39.7	43.7	32.7	33.0	54.4	63.5	49.3	43.9	28.2	49.3
AONCR	47.7	41.9	41.4	29.3	51.6	43.6	51.3	38.8	38.7	19.6	32.5	40.8	28.3	29.5	49.3	52.0	40.5	43.9	37.8	48.3
<b>Next 12 Months<sup>1</sup></b>							<b>58.6</b>	<b>59.6</b>	<b>55.8</b>	<b>37.5</b>	<b>57.7</b>	<b>60.5</b>	<b>52.5</b>	<b>56.0</b>	<b>67.6</b>	<b>69.8</b>	<b>59.9</b>	<b>57.7</b>	<b>46.2</b>	<b>61.9</b>
NCR							59.9	61.6	57.8	38.7	59.3	63.3	55.2	57.1	68.6	71.7	64.1	60.6	45.1	62.8
AONCR							56.2	56.2	51.5	34.9	54.3	54.3	46.2	53.3	65.4	65.7	51.1	51.5	48.5	60.2
<b>2. Business Outlook Index on the Macroeconomy by Sector: Current Quarter</b>																				
<b>Industry Sector</b>	<b>39.0</b>	<b>41.1</b>	<b>36.5</b>	<b>24.4</b>	<b>32.0</b>	<b>43.1</b>	<b>32.5</b>	<b>29.4</b>	<b>14.8</b>	<b>2.9</b>	<b>13.3</b>	<b>16.8</b>	<b>10.3</b>	<b>1.2</b>	<b>35.4</b>	<b>31.2</b>	<b>29.9</b>	<b>18.0</b>	<b>19.9</b>	<b>25.6</b>
Mining and Quarrying	32.0	41.9	15.2	-12.6	30.7	38.9	26.9	14.1	6.1	15.6	-1.9	24.1	16.8	5.1	33.8	57.1	37.0	10.1	-15.7	25.9
Manufacturing	40.4	42.1	37.3	25.1	33.0	45.1	32.0	29.8	16.1	2.7	14.7	17.4	9.6	-0.8	32.8	30.3	29.9	18.2	21.8	24.8
Electricity, Gas and Water	28.8	26.9	33.5	28.8	32.1	37.8	34.2	36.1	28.0	3.5	24.3	20.9	18.2	29.0	70.8	18.4	19.8	0.6	20.2	35.5
Agriculture, Fishery and Forestry	31.3	42.0	40.1	31.0	14.7	16.2	43.0	24.4	-12.4	-7.2	-4.8	-6.6	9.3	4.8	49.2	32.5	32.6	38.4	21.7	29.2
<b>Construction Sector</b>	<b>29.8</b>	<b>42.0</b>	<b>32.8</b>	<b>27.2</b>	<b>47.2</b>	<b>34.3</b>	<b>30.6</b>	<b>28.7</b>	<b>33.8</b>	<b>4.5</b>	<b>19.7</b>	<b>9.9</b>	<b>22.0</b>	<b>-7.2</b>	<b>47.5</b>	<b>34.7</b>	<b>22.6</b>	<b>16.2</b>	<b>18.9</b>	<b>34.7</b>
<b>Wholesale and Retail Trade</b>	<b>31.0</b>	<b>34.1</b>	<b>17.3</b>	<b>29.4</b>	<b>28.8</b>	<b>40.9</b>	<b>38.0</b>	<b>43.5</b>	<b>22.3</b>	<b>-8.7</b>	<b>5.2</b>	<b>18.7</b>	<b>-9.5</b>	<b>-16.9</b>	<b>29.2</b>	<b>21.4</b>	<b>36.1</b>	<b>28.1</b>	<b>30.6</b>	<b>35.6</b>
<b>Services Sector</b>	<b>50.6</b>	<b>42.4</b>	<b>36.6</b>	<b>27.5</b>	<b>42.5</b>	<b>38.9</b>	<b>42.7</b>	<b>49.8</b>	<b>24.5</b>	<b>-9.6</b>	<b>10.6</b>	<b>17.8</b>	<b>0.6</b>	<b>-2.4</b>	<b>47.4</b>	<b>40.5</b>	<b>39.5</b>	<b>30.5</b>	<b>22.6</b>	<b>37.6</b>
of which:																				
Financial Intermediation	67.9	41.8	39.0	29.9	56.6	56.1	62.6	59.6	33.2	-5.7	7.9	28.6	4.6	8.1	62.9	51.4	39.1	25.7	11.6	40.4
Hotels and Restaurants	41.2	19.4	20.5	60.4	21.9	39.8	9.7	85.2	21.0	-9.3	14.3	-5.6	-5.4	-32.8	58.5	21.8	53.8	62.6	56.7	45.5
Business Activities	48.2	37.0	38.9	20.9	32.1	43.2	38.0	31.8	23.1	-4.7	15.7	18.0	10.9	5.0	57.8	37.3	42.6	30.5	23.3	34.5
Real Estate	44.8	44.0	33.7	5.4	36.6	22.0	39.8	47.6	28.0	-5.1	18.8	14.7	-11.0	-6.9	27.5	46.7	41.0	26.6	25.2	46.0
Community and Social Services	52.0	50.9	56.5	34.7	60.2	32.0	66.3	37.9	18.4	-19.9	-12.8	13.8	-20.9	-16.3	17.7	23.3	39.7	63.9	37.2	66.2
Transportation	43.1	59.9	30.4	37.0	52.4	29.0	35.5	60.2	10.7	-28.4	0.8	18.0	13.1	-3.0	54.4	33.4	25.0	13.4	11.2	0.5
<b>3. Business Outlook Index on the Macroeconomy by Sector: Next Quarter</b>																				
<b>Industry Sector</b>	<b>47.1</b>	<b>43.2</b>	<b>36.5</b>	<b>25.9</b>	<b>50.2</b>	<b>45.0</b>	<b>46.9</b>	<b>36.5</b>	<b>35.6</b>	<b>13.5</b>	<b>30.8</b>	<b>40.5</b>	<b>31.0</b>	<b>33.6</b>	<b>49.1</b>	<b>52.1</b>	<b>37.7</b>	<b>27.1</b>	<b>23.0</b>	<b>42.1</b>
Mining and Quarrying	53.9	38.7	37.9	12.2	52.3	37.5	8.5	31.7	12.2	14.3	31.5	51.7	29.0	12.4	55.8	54.3	41.7	-5.2	-6.0	62.4
Manufacturing	48.0	45.0	36.3	27.0	49.9	45.5	47.4	39.2	38.6	13.1	30.0	40.7	31.3	33.8	47.1	52.5	38.5	28.2	24.3	41.5
Electricity, Gas and Water	34.8	26.3	25.3	14.3	52.8	45.9	53.5	17.1	32.7	38.1	46.8	43.2	40.0	62.8	70.8	60.4	23.6	31.6	24.0	49.1
Agriculture, Fishery and Forestry	42.9	34.9	54.6	29.4	50.6	39.7	55.3	14.8	9.8	-5.1	27.4	20.3	18.3	23.6	55.6	34.9	34.2	34.4	27.9	25.7
<b>Construction Sector</b>	<b>49.1</b>	<b>37.7</b>	<b>37.0</b>	<b>31.9</b>	<b>54.6</b>	<b>43.8</b>	<b>35.4</b>	<b>41.8</b>	<b>53.8</b>	<b>14.2</b>	<b>58.3</b>	<b>29.5</b>	<b>30.1</b>	<b>31.6</b>	<b>68.6</b>	<b>66.4</b>	<b>55.4</b>	<b>36.4</b>	<b>37.9</b>	<b>49.4</b>
<b>Wholesale and Retail Trade</b>	<b>45.3</b>	<b>33.9</b>	<b>43.4</b>	<b>31.9</b>	<b>52.6</b>	<b>47.5</b>	<b>65.5</b>	<b>35.7</b>	<b>40.9</b>	<b>19.3</b>	<b>30.3</b>	<b>51.5</b>	<b>30.0</b>	<b>31.8</b>	<b>43.2</b>	<b>56.6</b>	<b>47.9</b>	<b>46.8</b>	<b>34.3</b>	<b>51.0</b>
<b>Services Sector</b>	<b>50.8</b>	<b>44.8</b>	<b>48.9</b>	<b>29.7</b>	<b>52.5</b>	<b>51.0</b>	<b>59.6</b>	<b>48.4</b>	<b>44.7</b>	<b>17.6</b>	<b>41.4</b>	<b>40.5</b>	<b>32.6</b>	<b>31.1</b>	<b>58.7</b>	<b>65.0</b>	<b>49.2</b>	<b>52.4</b>	<b>33.2</b>	<b>51.6</b>
of which:																				
Financial Intermediation	69.8	56.2	59.9	33.7	68.0	62.4	71.1	57.6	57.1	18.9	55.1	47.8	31.7	39.3	65.5	77.3	59.3	49.3	22.6	56.1
Hotels and Restaurants	46.8	-6.0	76.5	35.8	44.9	35.8	88.1	53.7	49.1	42.2	39.2	29.6	47.3	29.1	72.1	54.7	38.0	92.9	65.1	44.4
Business Activities	42.5	53.1	47.6	25.0	56.1	52.5	56.5	43.1	43.1	22.3	39.9	35.7	31.7	31.2	63.2	59.1	49.0	52.5	29.8	45.3
Real Estate	42.4	44.6	31.1	22.8	41.5	46.7	55.8	36.2	43.7	14.1	39.3	41.9	29.4	26.4	40.8	59.0	32.2	43.2	34.1	54.3
Community and Social Services	51.8	52.9	32.9	41.6	39.3	56.0	25.8	39.2	57.7	-3.7	34.0	32.4	35.7	24.6	48.1	65.7	68.2	62.6	61.1	69.3
Transportation	52.0	38.1	48.5	30.4	48.6	44.0	56.9	61.2	19.4	15.4	30.8	44.3	33.8	31.1	75.2	72.5	62.2	52.4	25.4	42.6

**BUSINESS EXPECTATIONS SURVEY  
2018 - 2023**

	2018				2019				2020 *			2021				2022				2023		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1		
<b>4. Business Outlook Index on the Macroeconomy by Sector: Next 12 Months<sup>1</sup></b>																						
<b>Industry Sector</b>									<b>51.7</b>	<b>55.0</b>	<b>49.0</b>	<b>30.9</b>	<b>49.3</b>	<b>57.6</b>	<b>56.2</b>	<b>58.4</b>	<b>60.3</b>	<b>60.0</b>	<b>48.9</b>	<b>47.8</b>	<b>43.7</b>	<b>55.2</b>
Mining and Quarrying									39.9	38.7	42.6	46.7	51.9	69.0	45.8	70.0	65.9	71.4	58.9	52.6	23.0	50.0
Manufacturing									51.8	57.6	50.9	29.4	49.1	57.2	57.5	56.6	58.3	59.8	49.2	47.6	46.3	55.7
Electricity, Gas and Water									53.6	42.9	46.3	43.3	64.3	79.3	61.8	81.9	85.4	65.0	37.6	47.4	33.1	56.6
Agriculture, Fishery and Forestry									55.6	32.0	23.8	28.7	35.2	29.6	38.7	54.2	64.6	47.5	43.0	47.6	28.5	49.3
<b>Construction Sector</b>									<b>54.0</b>	<b>52.6</b>	<b>63.0</b>	<b>46.2</b>	<b>70.0</b>	<b>45.6</b>	<b>50.7</b>	<b>66.8</b>	<b>75.3</b>	<b>77.4</b>	<b>58.9</b>	<b>61.8</b>	<b>52.6</b>	<b>54.4</b>
<b>Wholesale and Retail Trade</b>									<b>62.2</b>	<b>60.7</b>	<b>56.7</b>	<b>43.2</b>	<b>55.7</b>	<b>65.0</b>	<b>46.2</b>	<b>47.7</b>	<b>66.6</b>	<b>68.2</b>	<b>56.7</b>	<b>57.8</b>	<b>44.4</b>	<b>64.2</b>
<b>Services Sector</b>									<b>62.5</b>	<b>64.6</b>	<b>57.8</b>	<b>36.4</b>	<b>61.4</b>	<b>61.2</b>	<b>54.4</b>	<b>58.4</b>	<b>71.3</b>	<b>75.1</b>	<b>68.0</b>	<b>62.5</b>	<b>48.0</b>	<b>65.2</b>
of which:																						
Financial Intermediation									70.5	74.3	67.9	44.6	75.2	69.0	64.5	59.6	78.0	86.7	76.0	59.0	41.0	68.3
Hotels and Restaurants									48.3	63.8	77.2	65.4	57.9	42.2	45.5	44.9	67.4	58.8	74.0	95.3	53.3	75.8
Business Activities									61.3	56.9	51.9	34.3	57.1	57.0	55.3	65.0	76.6	71.8	62.9	66.4	53.4	56.8
Real Estate									73.0	60.4	46.9	29.0	53.3	62.6	50.4	53.5	52.6	72.0	59.4	56.8	48.1	64.7
Community and Social Services									63.0	63.5	72.8	38.7	62.7	58.5	62.0	63.6	77.9	81.5	72.0	70.5	50.6	86.5
Transportation									52.1	71.8	56.7	27.8	63.0	63.1	43.5	56.4	85.7	72.5	77.1	53.7	45.5	59.3
<b>5. Business Outlook index on Own Operations: Current Quarter</b>																						
<b>Volume of Business Activity Index</b>	<b>30.0</b>	<b>39.0</b>	<b>34.7</b>	<b>32.2</b>	<b>24.0</b>	<b>36.4</b>	<b>28.4</b>	<b>38.1</b>	<b>16.4</b>	<b>-10.1</b>	<b>1.2</b>	<b>6.0</b>	<b>-4.6</b>	<b>-4.6</b>	<b>30.9</b>	<b>20.7</b>	<b>27.5</b>	<b>24.2</b>	<b>29.0</b>	<b>25.0</b>		
<b>Industry Sector</b>	<b>32.3</b>	<b>44.3</b>	<b>36.0</b>	<b>24.0</b>	<b>20.9</b>	<b>39.0</b>	<b>23.6</b>	<b>21.0</b>	<b>8.7</b>	<b>-3.2</b>	<b>6.2</b>	<b>2.9</b>	<b>3.7</b>	<b>3.8</b>	<b>30.3</b>	<b>16.2</b>	<b>20.8</b>	<b>8.7</b>	<b>16.6</b>	<b>15.1</b>		
Mining and Quarrying	5.8	20.9	18.9	-25.4	7.3	24.9	8.5	-18.3	8.3	17.6	-14.8	-1.8	25.5	26.7	27.6	40.2	33.9	12.6	-21.7	15.4		
Manufacturing	34.5	45.2	38.7	26.0	22.4	40.6	23.9	22.1	8.3	-5.3	6.7	3.0	0.8	1.3	29.1	14.9	18.3	7.6	18.3	13.3		
Electricity, Gas and Water	23.8	44.9	13.2	18.6	22.9	35.1	22.3	27.0	22.0	11.7	22.8	10.6	12.7	33.8	47.4	18.0	46.6	1.9	37.7	33.7		
Agriculture, Fishery and Forestry	21.1	42.9	27.5	29.4	0.7	23.8	29.3	18.7	3.3	-3.6	4.8	-1.7	25.1	-5.2	38.1	12.5	27.6	30.0	5.3	27.3		
<b>Construction Sector</b>	<b>35.1</b>	<b>25.9</b>	<b>35.0</b>	<b>17.8</b>	<b>45.0</b>	<b>30.2</b>	<b>21.1</b>	<b>23.3</b>	<b>3.2</b>	<b>5.4</b>	<b>10.4</b>	<b>8.6</b>	<b>-7.2</b>	<b>22.6</b>	<b>35.5</b>	<b>27.5</b>	<b>19.1</b>	<b>24.2</b>	<b>24.8</b>			
<b>Wholesale and Retail Trade</b>	<b>15.5</b>	<b>36.3</b>	<b>22.3</b>	<b>36.4</b>	<b>9.9</b>	<b>31.4</b>	<b>27.9</b>	<b>46.6</b>	<b>9.0</b>	<b>-13.2</b>	<b>-6.9</b>	<b>10.0</b>	<b>-17.6</b>	<b>-17.9</b>	<b>22.3</b>	<b>11.2</b>	<b>26.7</b>	<b>22.9</b>	<b>30.9</b>	<b>25.8</b>		
<b>Services Sector</b>	<b>41.4</b>	<b>39.4</b>	<b>45.8</b>	<b>38.8</b>	<b>37.1</b>	<b>40.6</b>	<b>35.0</b>	<b>49.1</b>	<b>20.9</b>	<b>-14.5</b>	<b>2.1</b>	<b>4.7</b>	<b>-3.0</b>	<b>-0.8</b>	<b>37.5</b>	<b>27.0</b>	<b>31.6</b>	<b>34.1</b>	<b>35.3</b>	<b>30.0</b>		
Financial Intermediation	63.4	49.1	48.9	46.5	41.9	61.5	54.9	68.0	33.7	-0.2	7.3	20.7	2.5	10.6	51.6	42.0	26.7	31.6	32.3	39.1		
Hotels and Restaurants	11.5	4.4	15.6	77.1	6.0	11.8	1.4	78.9	30.3	-37.6	1.6	-18.3	-21.9	-35.0	58.5	0.0	60.1	58.3	62.6	14.1		
Business Activities	41.0	40.2	54.4	28.2	35.6	53.8	39.0	31.9	17.7	-9.4	7.9	6.1	10.2	14.3	35.1	33.6	39.6	36.2	37.7	25.7		
Real Estate	42.6	34.3	40.8	30.3	42.0	40.5	31.0	41.3	23.3	-14.8	5.2	1.9	-15.7	-14.6	27.5	20.5	33.6	20.1	31.6	33.0		
Community and Social Services	30.0	30.4	59.1	10.1	50.1	18.9	52.2	16.3	16.8	-26.0	-20.7	-5.5	-18.3	-19.9	4.5	13.8	8.8	63.9	39.0	59.4		
Transportation	34.8	54.3	40.1	51.5	39.1	16.9	16.3	66.5	-1.3	-30.4	-10.3	-3.5	5.5	5.5	48.2	21.8	20.8	35.4	29.2	5.8		
<b>Volume of Total Order Book Index</b>	<b>25.3</b>	<b>36.0</b>	<b>32.1</b>	<b>30.5</b>	<b>20.7</b>	<b>33.8</b>	<b>27.1</b>	<b>34.4</b>	<b>14.2</b>	<b>-11.6</b>	<b>-2.8</b>	<b>2.2</b>	<b>-5.5</b>	<b>-7.3</b>	<b>26.8</b>	<b>18.5</b>	<b>27.7</b>	<b>23.4</b>	<b>26.4</b>	<b>23.4</b>		
<b>Industry Sector</b>	<b>30.8</b>	<b>39.4</b>	<b>37.4</b>	<b>24.5</b>	<b>21.7</b>	<b>42.6</b>	<b>25.2</b>	<b>20.8</b>	<b>14.9</b>	<b>-0.9</b>	<b>5.1</b>	<b>2.3</b>	<b>3.6</b>	<b>-1.0</b>	<b>27.5</b>	<b>19.2</b>	<b>18.6</b>	<b>12.5</b>	<b>15.4</b>	<b>18.3</b>		
Mining and Quarrying	9.1	17.8	16.7	-25.3	0.8	19.5	15.1	-18.3	8.3	21.2	-14.8	0.0	25.5	21.5	3.5	45.7	37.5	9.8	-9.7	25.9		
Manufacturing	33.8	41.1	39.8	26.6	23.2	44.7	25.2	22.2	16.0	-2.4	6.2	2.2	0.8	-4.5	27.5	18.8	16.7	11.7	16.5	17.5		
Electricity, Gas and Water	11.4	26.7	21.8	20.1	23.3	33.8	23.8	27.6	23.1	2.2	14.9	7.1	3.6	31.4	36.0	-1.4	14.5	4.4	16.2	11.5		
Agriculture, Fishery and Forestry	13.2	38.8	27.5	26.3	6.8	30.4	33.6	11.3	-6.2	-1.8	-2.4	0.6	31.8	6.8	45.0	17.5	36.2	35.6	20.2	32.2		
<b>Construction Sector</b>	<b>27.4</b>	<b>20.9</b>	<b>33.8</b>	<b>17.2</b>	<b>38.3</b>	<b>27.2</b>	<b>18.2</b>	<b>24.0</b>	<b>29.6</b>	<b>-7.0</b>	<b>5.4</b>	<b>-3.6</b>	<b>6.7</b>	<b>-7.2</b>	<b>23.7</b>	<b>27.9</b>	<b>27.7</b>	<b>11.0</b>	<b>23.1</b>	<b>22.9</b>		
<b>Wholesale and Retail Trade</b>	<b>10.2</b>	<b>36.3</b>	<b>21.6</b>	<b>34.0</b>	<b>4.9</b>	<b>28.8</b>	<b>25.5</b>	<b>42.1</b>	<b>5.5</b>	<b>-17.3</b>	<b>-9.0</b>	<b>4.8</b>	<b>-20.7</b>	<b>-16.9</b>	<b>23.1</b>	<b>5.4</b>	<b>33.0</b>	<b>23.5</b>	<b>28.7</b>	<b>23.7</b>		
<b>Services Sector</b>	<b>35.2</b>	<b>35.6</b>	<b>37.4</b>	<b>35.6</b>	<b>32.4</b>	<b>32.0</b>	<b>32.5</b>	<b>41.7</b>	<b>16.0</b>	<b>-15.1</b>	<b>-5.0</b>	<b>1.4</b>	<b>-2.7</b>	<b>-5.0</b>	<b>29.2</b>	<b>24.8</b>	<b>29.4</b>	<b>30.7</b>	<b>31.6</b>	<b>26.1</b>		
Financial Intermediation	51.5	45.3	43.9	41.6	33.6	48.6	47.4	59.2	28.5	-2.7	3.9	12.3	2.2	1.1	37.1	37.7	24.9	28.1	27.0	30.5		
Hotels and Restaurants	10.6	6.6	9.9	73.1	3.4	14.6	4.1	73.4	27.3	-41.6	-9.0	-18.3	-17.4	-29.4	57.4	1.8	60.1	61.4	66.2	17.3		
Business Activities	38.0	37.5	47.3	24.5	37.2	44.2	39.0	28.0	15.8	-5.6	0.8	6.4	5.6	4.6	29.1	27.6	34.1	34.2	33.0	31.8		
Real Estate	31.1	31.3	27.5	22.8	39.2	36.4	24.8	31.5	14.7	-16.9	-3.6	-1.2	-9.9	-15.0	19.5	21.6	27.3	19.0	31.6	20.0		
Community and Social Services	30.8	31.3	47.3	32.2	43.3	11.2	47.3	10.5	5.7	-24.3	-26.5	-9.3	-20.2	-18.1	2.7	12.2	5.0	57.3	32.0	55.2		
Transportation	28.4	41.6	29.9	42.8	25.7	4.4	17.4	54.9	-1.3	-33.1	-19.7	-6.5	4.8	4.8	38.4	21.8	33.0	24.4	20.6	7.2		

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	2018				2019				2020 *			2021				2022				2023
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
<b>5. Business Outlook index on Own Operations: Current Quarter - continued</b>																				
<b>Credit Access Index</b>	<b>10.3</b>	<b>9.7</b>	<b>7.1</b>	<b>5.1</b>	<b>8.2</b>	<b>8.0</b>	<b>7.8</b>	<b>9.8</b>	<b>5.2</b>	<b>-15.5</b>	<b>-12.2</b>	<b>-7.5</b>	<b>-8.2</b>	<b>-11.4</b>	<b>-7.7</b>	<b>-2.9</b>	<b>-0.4</b>	<b>-2.9</b>	<b>-4.2</b>	<b>-3.3</b>
<b>Industry Sector</b>	<b>13.6</b>	<b>14.7</b>	<b>15.8</b>	<b>10.4</b>	<b>10.7</b>	<b>11.7</b>	<b>9.8</b>	<b>14.4</b>	<b>2.4</b>	<b>-14.8</b>	<b>-11.1</b>	<b>-11.2</b>	<b>-9.7</b>	<b>-6.1</b>	<b>0.7</b>	<b>-1.5</b>	<b>2.0</b>	<b>-0.7</b>	<b>-6.0</b>	<b>-1.1</b>
Mining and Quarrying	-1.0	-3.7	1.5	-6.4	-6.5	-10.2	-0.6	-7.7	-16.5	-17.8	-9.2	-8.7	-3.3	2.1	8.0	-17.1	-5.2	-13.4	-17.0	-14.2
Manufacturing	14.4	16.2	17.0	11.5	12.2	13.9	10.5	16.4	4.0	-14.3	-11.0	-11.5	-9.7	-6.3	1.6	-0.2	3.2	0.6	-4.4	0.5
Electricity, Gas and Water	13.0	9.7	14.7	6.3	11.1	4.0	10.4	8.0	6.8	-10.0	-7.4	-6.8	-5.5	-9.2	-6.5	0.5	-6.1	2.2	-4.4	-7.9
Agriculture, Fishery and Forestry	10.2	7.3	4.1	6.4	-5.8	-5.0	1.4	-0.2	-10.1	-26.6	-18.3	-14.4	-20.4	-9.7	-18.0	-10.0	-3.3	-13.6	-23.2	-9.1
<b>Construction Sector</b>	<b>-5.9</b>	<b>1.1</b>	<b>-1.1</b>	<b>-9.1</b>	<b>2.9</b>	<b>0.6</b>	<b>3.8</b>	<b>5.5</b>	<b>5.7</b>	<b>-14.7</b>	<b>-11.1</b>	<b>6.2</b>	<b>-17.8</b>	<b>-20.7</b>	<b>-12.3</b>	<b>-0.6</b>	<b>6.2</b>	<b>-4.6</b>	<b>3.1</b>	<b>5.0</b>
<b>Wholesale and Retail Trade</b>	<b>10.6</b>	<b>8.6</b>	<b>4.3</b>	<b>5.7</b>	<b>8.8</b>	<b>6.3</b>	<b>5.4</b>	<b>6.4</b>	<b>8.5</b>	<b>-14.5</b>	<b>-11.4</b>	<b>-4.2</b>	<b>-7.5</b>	<b>-15.4</b>	<b>-8.9</b>	<b>-2.0</b>	<b>2.8</b>	<b>-0.9</b>	<b>-3.9</b>	<b>-3.2</b>
<b>Services Sector</b>	<b>10.2</b>	<b>7.8</b>	<b>3.5</b>	<b>2.4</b>	<b>6.4</b>	<b>7.9</b>	<b>9.2</b>	<b>9.8</b>	<b>4.8</b>	<b>-16.6</b>	<b>-13.6</b>	<b>-9.0</b>	<b>-6.5</b>	<b>-10.8</b>	<b>-11.0</b>	<b>-4.5</b>	<b>-4.5</b>	<b>-5.1</b>	<b>-4.3</b>	<b>-5.5</b>
Financial Intermediation	13.8	5.4	0.8	-2.0	-1.8	5.5	10.7	12.6	11.8	-2.2	-1.4	-0.8	0.7	0.3	-8.9	0.1	-4.2	-2.4	-10.9	1.5
Hotels and Restaurants	22.7	12.7	15.0	11.1	10.7	11.4	10.3	20.5	3.6	-21.7	-31.0	0.1	7.6	-14.5	-7.8	-0.5	22.7	9.6	-20.4	-2.2
Business Activities	3.3	5.4	-2.0	-2.6	4.7	0.0	-3.7	-2.1	6.7	-18.9	-16.8	-13.8	-18.7	-10.3	-14.3	3.3	-7.4	-2.3	5.3	-15.5
Real Estate	9.5	6.0	5.4	4.3	13.0	19.1	23.5	17.3	1.5	-17.3	-11.8	-8.7	-0.4	-9.6	-5.7	-6.5	-10.2	-15.7	-8.1	-7.8
Community and Social Services	11.6	13.3	13.9	9.8	18.6	13.0	11.3	12.3	11.3	-13.6	-0.9	-11.9	-10.3	-18.2	-25.1	-21.2	-2.5	-9.7	9.9	25.5
Transportation	11.7	11.7	3.7	6.7	4.6	9.8	16.0	14.1	-7.5	-34.8	-31.5	-16.8	-12.4	-26.8	-12.4	-16.0	-0.6	3.7	-4.3	-13.4
<b>Financial Condition</b>	<b>-4.6</b>	<b>-4.8</b>	<b>-5.3</b>	<b>-10.6</b>	<b>-7.5</b>	<b>-5.8</b>	<b>-7.0</b>	<b>-5.4</b>	<b>-12.2</b>	<b>-47.0</b>	<b>-43.4</b>	<b>-32.9</b>	<b>-32.1</b>	<b>-33.1</b>	<b>-22.4</b>	<b>-19.1</b>	<b>-18.2</b>	<b>-21.2</b>	<b>-23.5</b>	<b>-18.8</b>
<b>Industry Sector</b>	<b>-2.1</b>	<b>-2.7</b>	<b>0.8</b>	<b>-5.0</b>	<b>-8.2</b>	<b>-3.3</b>	<b>-7.0</b>	<b>-5.2</b>	<b>-12.0</b>	<b>-47.1</b>	<b>-42.9</b>	<b>-33.0</b>	<b>-29.5</b>	<b>-31.1</b>	<b>-15.7</b>	<b>-17.4</b>	<b>-16.4</b>	<b>-22.2</b>	<b>-27.4</b>	<b>-23.6</b>
Mining and Quarrying	-10.8	-12.6	-15.9	-28.3	-26.1	-22.0	-25.5	-28.2	-22.6	-35.9	-24.1	-17.3	-11.7	-7.2	-5.9	-5.6	-16.7	-13.7	-11.0	-17.9
Manufacturing	-1.0	-1.7	2.0	-3.5	-6.9	-1.7	-6.0	-3.7	-10.0	-48.6	-44.5	-33.8	-30.5	-32.3	-15.1	-18.3	-16.5	-21.8	-28.0	-24.5
Electricity, Gas and Water	1.3	-3.5	2.6	-3.3	-1.1	1.3	-1.5	-1.9	-15.1	-35.5	-32.9	-32.6	-29.1	-39.2	-21.1	-12.4	-13.9	-34.2	-17.5	-17.2
Agriculture, Fishery and Forestry	-20.4	-13.5	-12.5	-19.2	-30.1	-25.8	-20.6	-22.3	-34.1	-42.2	-42.8	-36.4	-29.5	-25.5	-32.3	-20.0	-17.0	-25.6	-42.5	-21.7
<b>Construction Sector</b>	<b>-14.0</b>	<b>-12.3</b>	<b>-12.4</b>	<b>-21.1</b>	<b>-5.1</b>	<b>-16.6</b>	<b>-11.6</b>	<b>-10.9</b>	<b>-13.6</b>	<b>-56.8</b>	<b>-44.6</b>	<b>-44.6</b>	<b>-57.1</b>	<b>-54.4</b>	<b>-33.8</b>	<b>-25.5</b>	<b>-30.0</b>	<b>-40.5</b>	<b>-37.9</b>	<b>-21.7</b>
<b>Wholesale and Retail Trade</b>	<b>-6.7</b>	<b>-4.7</b>	<b>-9.4</b>	<b>-13.6</b>	<b>-6.7</b>	<b>-7.7</b>	<b>-8.8</b>	<b>-7.8</b>	<b>-13.6</b>	<b>-44.2</b>	<b>-43.2</b>	<b>-22.9</b>	<b>-29.1</b>	<b>-36.1</b>	<b>-24.5</b>	<b>-16.3</b>	<b>-16.4</b>	<b>-14.8</b>	<b>-21.0</b>	<b>-15.6</b>
<b>Services Sector</b>	<b>-2.9</b>	<b>-5.3</b>	<b>-5.5</b>	<b>-10.7</b>	<b>-8.0</b>	<b>-3.9</b>	<b>-4.2</b>	<b>-1.9</b>	<b>-11.3</b>	<b>-46.7</b>	<b>-43.6</b>	<b>-37.6</b>	<b>-32.3</b>	<b>-29.7</b>	<b>-23.5</b>	<b>-20.9</b>	<b>-18.9</b>	<b>-22.2</b>	<b>-21.0</b>	<b>-17.7</b>
Financial Intermediation	7.5	-4.4	-7.2	-11.3	-8.8	-5.0	5.1	0.8	2.5	-20.9	-21.4	-24.9	-14.4	-6.8	-7.7	2.7	-10.2	-15.6	-24.8	-12.6
Hotels and Restaurants	13.8	0.0	3.5	11.1	-10.7	0.0	6.0	16.6	-20.4	-65.8	-71.5	-80.3	-61.2	-52.8	-26.8	-54.7	-36.1	-33.4	-33.5	-30.3
Business Activities	-13.8	-12.9	-11.6	-20.7	-16.7	-15.4	-21.0	-19.2	-19.6	-54.1	-50.0	-41.5	-34.9	-35.2	-28.9	-22.3	-14.3	-21.5	-17.6	-14.9
Real Estate	3.0	-3.0	5.1	-3.2	5.2	12.0	16.7	13.2	-0.7	-41.2	-36.4	-29.9	-27.5	-23.4	-21.7	-20.8	-17.5	-21.1	-15.8	-22.6
Community and Social Services	-2.5	-2.6	0.0	-7.8	2.9	4.3	-8.0	-0.9	-19.0	-65.6	-53.4	-58.1	-62.8	-60.0	-54.2	-41.3	-20.5	-22.9	-21.5	-9.4
Transportation	-10.5	1.1	-9.8	-11.9	-7.8	-3.3	-8.3	1.5	-31.8	-68.1	-65.3	-36.2	-37.2	-43.2	-24.1	-31.8	-36.5	-31.7	-26.2	-20.6
<b>Average Capacity Utilization</b>																				
Industry and Construction Sectors	<b>74.3</b>	<b>74.8</b>	<b>75.1</b>	<b>76.0</b>	<b>76.5</b>	<b>75.5</b>	<b>76.1</b>	<b>75.1</b>	<b>74.9</b>	<b>66.2</b>	<b>67.9</b>	<b>70.1</b>	<b>69.6</b>	<b>69.8</b>	<b>70.6</b>	<b>70.2</b>	<b>72.7</b>	<b>72.7</b>	<b>72.1</b>	<b>74.8</b>
Industry Sector	74.0	74.4	75.2	75.4	75.7	75.2	75.8	73.9	73.9	67.8	67.7	69.5	69.6	70.0	69.9	69.4	71.8	72.2	71.5	73.6



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	2018				2019				2020 *			2021				2022				2023
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
<b>6. Business Outlook Index on Own Operations: Next Quarter</b>																				
<b>Volume of Business Activity Index</b>	<b>48.9</b>	<b>43.2</b>	<b>48.2</b>	<b>31.7</b>	<b>52.4</b>	<b>47.2</b>	<b>48.7</b>	<b>31.4</b>	<b>43.4</b>	<b>16.1</b>	<b>29.2</b>	<b>33.6</b>	<b>29.3</b>	<b>24.0</b>	<b>43.7</b>	<b>54.5</b>	<b>43.5</b>	<b>44.4</b>	<b>30.3</b>	<b>49.2</b>
<b>Industry Sector</b>	<b>48.6</b>	<b>41.3</b>	<b>40.6</b>	<b>31.2</b>	<b>49.7</b>	<b>40.0</b>	<b>40.8</b>	<b>24.7</b>	<b>43.1</b>	<b>14.3</b>	<b>21.9</b>	<b>31.9</b>	<b>26.2</b>	<b>31.2</b>	<b>43.2</b>	<b>47.9</b>	<b>33.6</b>	<b>20.7</b>	<b>17.6</b>	<b>41.1</b>
Mining and Quarrying	49.6	31.3	12.9	2.8	36.0	18.6	-17.6	12.0	24.6	1.9	11.1	53.2	18.7	23.6	35.6	37.2	31.8	-18.1	15.7	40.8
Manufacturing	49.6	43.5	43.0	34.2	51.5	42.4	42.3	25.9	44.9	14.0	22.2	30.8	28.6	29.6	42.2	49.1	35.3	22.4	15.7	42.4
Electricity, Gas and Water	37.8	28.5	19.5	14.3	30.3	25.7	43.2	30.7	50.4	27.7	42.3	48.3	5.5	62.1	69.8	62.7	5.5	15.8	40.9	49.1
Agriculture, Fishery and Forestry	43.8	23.1	42.7	17.3	49.9	27.5	50.2	3.6	23.5	18.9	7.2	10.1	11.4	37.1	42.9	24.9	32.7	34.4	29.3	11.0
<b>Construction Sector</b>	<b>51.3</b>	<b>49.1</b>	<b>43.2</b>	<b>48.5</b>	<b>55.4</b>	<b>49.7</b>	<b>23.5</b>	<b>37.1</b>	<b>59.3</b>	<b>23.2</b>	<b>54.2</b>	<b>23.8</b>	<b>33.7</b>	<b>21.8</b>	<b>52.9</b>	<b>59.4</b>	<b>56.8</b>	<b>37.0</b>	<b>37.9</b>	<b>57.4</b>
<b>Wholesale and Retail Trade</b>	<b>43.1</b>	<b>39.5</b>	<b>49.2</b>	<b>30.8</b>	<b>50.9</b>	<b>46.9</b>	<b>56.0</b>	<b>22.6</b>	<b>36.8</b>	<b>15.4</b>	<b>21.6</b>	<b>35.6</b>	<b>26.4</b>	<b>11.8</b>	<b>36.3</b>	<b>54.1</b>	<b>44.0</b>	<b>50.8</b>	<b>24.6</b>	<b>48.9</b>
<b>Services Sector</b>	<b>54.5</b>	<b>47.4</b>	<b>55.4</b>	<b>29.5</b>	<b>56.0</b>	<b>53.7</b>	<b>54.2</b>	<b>45.8</b>	<b>44.4</b>	<b>16.2</b>	<b>33.1</b>	<b>34.4</b>	<b>32.2</b>	<b>27.7</b>	<b>47.4</b>	<b>57.7</b>	<b>46.9</b>	<b>54.4</b>	<b>39.7</b>	<b>52.9</b>
Financial Intermediation	71.3	56.3	73.3	35.9	74.8	73.9	63.4	46.1	54.1	33.9	53.5	38.3	26.2	38.6	54.4	71.4	52.9	55.5	32.2	62.0
Hotels and Restaurants	41.0	-12.0	70.8	23.8	44.2	20.7	82.6	43.4	59.8	4.4	26.5	29.6	42.0	6.5	70.9	35.3	50.6	80.9	61.4	37.2
Business Activities	51.9	52.4	46.7	18.1	54.5	47.0	50.1	46.3	46.0	18.5	38.1	35.2	35.9	35.6	49.3	58.6	53.4	56.6	43.0	50.7
Real Estate	55.2	51.2	53.8	36.2	65.8	69.7	45.3	39.7	38.1	15.2	21.5	29.1	22.1	13.8	29.8	51.2	34.1	45.9	36.1	47.4
Community and Social Services	26.8	57.8	20.7	30.1	12.3	56.9	16.2	42.3	61.0	-8.0	22.2	19.5	67.9	21.8	44.5	41.3	56.5	55.9	43.6	67.2
Transportation	59.0	49.8	60.8	38.6	55.2	42.1	63.3	53.9	21.6	3.8	22.1	47.7	30.4	35.2	59.0	65.2	43.9	53.7	42.1	51.2
<b>Employment Outlook Index</b>	<b>29.9</b>	<b>24.9</b>	<b>26.3</b>	<b>21.8</b>	<b>29.7</b>	<b>26.0</b>	<b>19.6</b>	<b>16.6</b>	<b>16.9</b>	<b>-5.5</b>	<b>5.3</b>	<b>5.7</b>	<b>5.0</b>	<b>6.2</b>	<b>24.5</b>	<b>24.7</b>	<b>25.4</b>	<b>22.7</b>	<b>21.2</b>	<b>13.4</b>
<b>Industry Sector</b>	<b>25.2</b>	<b>21.9</b>	<b>21.7</b>	<b>15.6</b>	<b>22.1</b>	<b>18.5</b>	<b>11.8</b>	<b>6.9</b>	<b>14.3</b>	<b>-1.3</b>	<b>2.4</b>	<b>5.0</b>	<b>5.7</b>	<b>6.6</b>	<b>20.1</b>	<b>18.4</b>	<b>16.0</b>	<b>11.3</b>	<b>9.6</b>	<b>12.3</b>
Mining and Quarrying	23.2	11.5	-4.5	3.0	27.5	14.9	-11.0	-2.8	5.8	-5.4	-1.9	15.4	-6.8	-2.1	11.9	11.3	23.4	-2.5	14.4	14.2
Manufacturing	26.6	22.9	22.9	15.9	22.3	19.8	13.1	6.8	15.4	-0.9	2.4	4.3	6.7	6.6	19.7	18.0	15.7	12.3	9.1	12.5
Electricity, Gas and Water	12.4	14.6	20.5	21.6	30.3	12.2	13.4	19.3	22.0	6.5	13.4	3.5	-1.8	12.6	41.6	32.3	12.3	9.2	7.8	11.5
Agriculture, Fishery and Forestry	16.4	19.0	19.8	9.6	4.4	3.9	1.4	0.0	-3.9	-11.3	-4.3	9.6	9.1	9.4	15.3	20.0	17.3	10.0	15.5	9.1
<b>Construction Sector</b>	<b>36.5</b>	<b>34.7</b>	<b>29.6</b>	<b>30.0</b>	<b>44.8</b>	<b>39.0</b>	<b>5.6</b>	<b>16.1</b>	<b>22.8</b>	<b>3.8</b>	<b>25.0</b>	<b>10.9</b>	<b>9.2</b>	<b>17.1</b>	<b>26.9</b>	<b>48.6</b>	<b>43.9</b>	<b>14.4</b>	<b>26.3</b>	<b>43.6</b>
<b>Wholesale and Retail Trade</b>	<b>27.2</b>	<b>20.0</b>	<b>22.6</b>	<b>19.1</b>	<b>24.9</b>	<b>17.8</b>	<b>24.0</b>	<b>14.9</b>	<b>8.6</b>	<b>-7.1</b>	<b>4.4</b>	<b>6.6</b>	<b>-4.1</b>	<b>-4.3</b>	<b>19.4</b>	<b>22.1</b>	<b>23.3</b>	<b>23.9</b>	<b>15.8</b>	<b>21.0</b>
<b>Services Sector</b>	<b>35.7</b>	<b>30.9</b>	<b>33.8</b>	<b>28.6</b>	<b>38.7</b>	<b>39.0</b>	<b>25.4</b>	<b>27.7</b>	<b>22.0</b>	<b>-8.6</b>	<b>3.9</b>	<b>4.8</b>	<b>9.7</b>	<b>11.0</b>	<b>29.7</b>	<b>26.6</b>	<b>29.5</b>	<b>29.2</b>	<b>30.2</b>	<b>5.7</b>
Financial Intermediation	48.1	45.0	50.4	43.4	52.6	51.6	29.7	38.0	33.2	8.7	18.9	12.6	19.7	27.3	29.6	41.2	28.9	27.1	26.9	14.7
Hotels and Restaurants	35.4	-6.7	41.7	20.7	32.0	21.1	23.4	28.4	12.7	-29.7	-2.9	-11.3	-5.8	-11.3	21.3	36.5	44.3	59.0	15.6	1.1
Business Activities	31.4	30.4	28.8	22.8	45.1	51.8	28.8	22.1	21.6	-6.0	0.7	14.7	14.1	22.9	42.0	33.9	41.0	38.2	41.1	2.0
Real Estate	35.4	30.7	18.9	21.8	21.9	28.8	24.8	21.8	19.4	-8.0	-0.1	4.3	7.2	-0.4	22.2	13.8	18.0	16.2	22.3	-2.2
Community and Social Services	23.0	44.6	21.5	38.0	33.8	30.2	15.7	24.7	26.4	-26.5	-5.0	-14.6	6.6	-3.6	21.0	26.0	31.0	44.5	25.6	14.1
Transportation	35.3	26.9	38.6	26.8	32.3	23.7	20.7	32.5	10.7	-24.3	0.8	-7.7	-2.1	2.6	30.5	10.2	25.0	20.7	41.2	10.9

**BUSINESS EXPECTATIONS SURVEY  
2018 - 2023**

	2018				2019				2020 *			2021				2022				2023
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
<b>7. Business Outlook Index on Own Operations: Next 12 Months<sup>1</sup></b>																				
<b>Volume of Business Activity Index</b>																				
<b>Industry Sector</b>																				
Mining and Quarrying																				
Manufacturing																				
Electricity, Gas and Water																				
Agriculture, Fishery and Forestry																				
<b>Construction Sector</b>																				
<b>Wholesale and Retail Trade</b>																				
<b>Services Sector</b>																				
Financial Intermediation																				
Hotels and Restaurants																				
Business Activities																				
Real Estate																				
Community and Social Services																				
Transportation																				
<b>Employment Outlook Index</b>																				
<b>Industry Sector</b>																				
Mining and Quarrying																				
Manufacturing																				
Electricity, Gas and Water																				
Agriculture, Fishery and Forestry																				
<b>Construction Sector</b>																				
<b>Wholesale and Retail Trade</b>																				
<b>Services Sector</b>																				
Financial Intermediation																				
Hotels and Restaurants																				
Business Activities																				
Real Estate																				
Community and Social Services																				
Transportation																				
<b>8. Companies with Expansion Plans (in percent of total respondents): Next Quarter</b>																				
<b>All Industry Sector</b>																				
Mining and Quarrying																				
Manufacturing																				
Electricity, Gas and Water																				
Agriculture, Fishery and Forestry																				
<b>9. Companies with Expansion Plans (in percent of total respondents): Next 12 Months<sup>1</sup></b>																				
<b>All Industry Sector</b>																				
Mining and Quarrying																				
Manufacturing																				
Electricity, Gas and Water																				
Agriculture, Fishery and Forestry																				

**BUSINESS EXPECTATIONS SURVEY  
2018 - 2023**

	2018				2019				2020 *			2021				2022				2023
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
<b>10. Business Constraints (in percent to total respondents): Current Quarter</b>																				
High Interest Rate	10.0	12.1	14.8	18.2	18.3	17.6	15.3	13.1	16.5	9.8	10.2	10.6	8.6	9.5	10.1	10.1	12.6	18.0	23.9	29.0
Unclear Economic Laws	13.5	13.9	12.8	15.5	14.0	12.6	13.4	13.2	11.9	15.4	15.0	16.3	14.8	20.0	18.0	14.6	15.7	13.4	13.5	14.1
Lack of Equipment	6.1	5.6	5.1	4.4	4.2	4.6	4.9	5.0	5.6	4.1	4.4	3.9	4.6	4.5	5.2	3.4	3.6	3.6	5.1	4.2
Insufficient Demand	24.3	25.2	24.6	23.5	24.2	23.3	25.1	25.0	27.6	46.2	45.6	46.7	44.1	43.8	44.3	40.6	37.1	35.0	31.9	33.0
Access to Credit	4.9	5.0	4.2	5.4	4.5	4.7	4.5	5.3	7.2	9.6	8.0	8.8	8.7	9.3	7.8	7.9	7.8	8.1	7.9	9.7
Financial Problems	8.0	7.9	9.1	9.0	7.8	7.2	7.2	7.4	10.8	19.2	19.9	17.5	14.9	17.2	15.9	14.5	14.4	13.1	13.4	15.4
Competition	52.7	55.2	55.0	53.6	55.6	55.2	53.1	53.4	46.8	34.1	36.7	41.6	38.1	37.9	44.5	44.4	49.4	48.2	48.3	52.6
Labor Problems	12.9	14.4	14.8	12.2	13.9	13.4	15.1	15.9	9.4	9.0	10.5	6.5	7.3	8.5	9.7	10.2	10.1	9.3	10.1	10.5
Lack of Materials Input	6.8	7.6	6.9	6.2	5.9	6.1	5.5	5.3	7.0	6.8	7.0	9.4	7.9	8.7	10.3	9.3	9.5	10.3	9.5	8.8
Others	24.6	26.5	25.6	25.8	24.3	22.2	19.9	23.4	22.7	54.2	46.5	47.5	51.7	41.8	36.7	41.6	40.4	35.4	36.6	29.2
None	11.1	9.8	8.5	9.2	8.9	9.4	8.6	8.9	10.2	5.6	4.9	5.1	4.3	7.1	8.5	7.5	9.1	9.6	10.9	10.1
<b>11. Business Expectations Index on Selected Economic Indicators: Current Quarter</b>																				
P/\$ Exchange Rate	-11.7	-22.7	-33.9	-26.3	13.9	6.5	17.2	21.4	8.1	18.0	15.9	0.1	-8.5	-28.6	-11.0	-19.1	-26.7	-28.7	-25.6	19.9
Inflation Rate	61.3	63.5	68.6	62.1	-9.8	-5.5	-5.1	0.1	19.7	14.5	14.8	55.1	40.6	50.0	53.9	30.3	65.6	67.7	72.2	42.1
Peso Borrowing Rate	19.6	21.7	29.1	32.1	21.9	13.0	-2.5	-2.6	-1.3	-22.7	-13.0	-4.8	0.3	5.8	14.6	10.7	18.0	25.2	25.6	30.2
Inflation Rate Expectations (in %)	3.4	3.8	4.7	6.1	5.0	3.9	3.4	2.9	2.9	2.3	2.5	3.6	4.1	3.9	4.2	4.2	4.0	5.6	6.2	7.0
Exchange Rate Expectations (Php: \$1.00)	50.8	51.8	53.1	53.9	52.7	52.3	51.8	51.5	50.9	49.8	48.7	48.4	48.4	49.4	50.3	50.9	52.0	55.0	58.1	55.4
<b>12. Business Expectations Index on Selected Economic Indicators: Next Quarter</b>																				
P/\$ Exchange Rate	-6.0	-16.6	-16.0	-25.8	0.2	-0.3	13.2	-1.6	2.3	10.9	1.5	-11.6	-13.7	-11.8	-5.8	-9.9	-15.9	-14.4	-13.5	11.8
Inflation Rate	49.2	47.1	50.1	24.1	-0.8	2.7	13.7	10.6	22.7	22.4	18.7	43.9	37.7	45.8	30.6	32.1	53.4	44.6	42.9	18.3
Peso Borrowing Rate	23.2	20.6	29.1	22.4	11.9	7.3	-0.9	1.4	-1.9	-10.3	1.4	0.8	7.7	11.1	19.9	16.5	22.6	26.0	26.8	25.5
Inflation Rate Expectations (in %)	3.5	3.8	4.8	6.0	4.9	4.0	3.5	3.0	3.0	2.4	2.6	3.7	4.2	3.9	4.2	4.2	4.1	5.6	6.1	6.9
Exchange Rate Expectations (Php: \$1.00)	50.9	52.0	53.3	54.1	52.8	52.4	51.7	51.7	51.1	49.8	48.9	48.6	48.6	49.5	50.5	51.0	52.2	55.2	58.5	55.4

**BUSINESS EXPECTATIONS SURVEY  
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	2018				2019				2020 *			2021				2022				2023	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	
<b>13. Business Expectations Index on Selected Economic Indicators: Next 12 Months<sup>1</sup></b>																					
P/\$ Exchange Rate								0.8	-0.3	8.4	5.3	-2.9	-7.7	-6.4	-10.6	-2.2	4.9	-2.6	-3.4	-2.5	17.2
Inflation Rate								10.6	17.3	26.9	29.6	28.2	32.9	24.6	35.5	28.7	20.7	35.2	15.9	19.2	7.3
Peso Borrowing Rate								1.9	4.4	6.3	2.7	13.9	13.3	14.1	18.4	26.4	27.9	29.9	25.8	24.8	22.3
Inflation Rate Expectations (in %)								3.6	3.2	3.2	2.5	2.6	3.7	4.1	3.9	4.2	4.2	4.1	5.4	5.9	6.6
Exchange Rate Expectations (Php: \$1.00)								51.8	51.8	51.2	50.1	49.2	48.8	48.7	49.6	50.6	51.0	52.2	54.9	58.3	55.3
<b>14. Distribution of Respondent Firms by Sector</b>																					
<b>All Sectors</b>	<b>1209</b>	<b>1224</b>	<b>1226</b>	<b>1205</b>	<b>1234</b>	<b>1230</b>	<b>1215</b>	<b>1205</b>	<b>1111</b>	<b>982</b>	<b>981</b>	<b>965</b>	<b>998</b>	<b>916</b>	<b>884</b>	<b>800</b>	<b>780</b>	<b>884</b>	<b>916</b>	<b>942</b>	
<b>Industry</b>	<b>365</b>	<b>370</b>	<b>368</b>	<b>355</b>	<b>367</b>	<b>371</b>	<b>357</b>	<b>354</b>	<b>281</b>	<b>268</b>	<b>266</b>	<b>259</b>	<b>262</b>	<b>237</b>	<b>220</b>	<b>223</b>	<b>217</b>	<b>227</b>	<b>264</b>	<b>273</b>	
Mining and Quarrying	33	33	35	32	32	34	32	32	30	34	33	28	29	26	24	22	29	23	19	30	
Manufacturing	222	225	224	219	228	225	219	222	159	152	146	148	149	139	129	128	123	126	156	161	
Electricity, Gas and Water	51	54	51	46	52	54	49	46	42	39	43	42	40	29	27	33	32	36	43	39	
Agriculture, Fishery and Forestry	59	58	58	58	55	58	57	54	50	43	44	41	44	43	40	40	33	42	46	43	
<b>Construction</b>	<b>85</b>	<b>84</b>	<b>87</b>	<b>85</b>	<b>92</b>	<b>89</b>	<b>87</b>	<b>89</b>	<b>81</b>	<b>73</b>	<b>73</b>	<b>49</b>	<b>47</b>	<b>49</b>	<b>49</b>	<b>44</b>	<b>47</b>	<b>52</b>	<b>53</b>	<b>57</b>	
<b>Wholesale and Retail Trade</b>	<b>322</b>	<b>330</b>	<b>332</b>	<b>334</b>	<b>347</b>	<b>332</b>	<b>335</b>	<b>333</b>	<b>209</b>	<b>179</b>	<b>174</b>	<b>193</b>	<b>204</b>	<b>180</b>	<b>198</b>	<b>170</b>	<b>154</b>	<b>185</b>	<b>159</b>	<b>183</b>	
<b>Services</b>	<b>437</b>	<b>440</b>	<b>439</b>	<b>431</b>	<b>428</b>	<b>438</b>	<b>436</b>	<b>429</b>	<b>540</b>	<b>462</b>	<b>468</b>	<b>464</b>	<b>485</b>	<b>450</b>	<b>417</b>	<b>363</b>	<b>362</b>	<b>420</b>	<b>440</b>	<b>429</b>	
Financial Intermediation	84	83	82	83	80	81	80	80	148	138	139	141	149	126	117	106	107	116	114	129	
Hotels and Restaurants	52	54	56	51	49	51	55	52	43	30	31	29	32	39	35	30	26	39	39	39	
Business Activities	98	101	93	95	98	102	100	94	100	83	84	85	88	73	64	80	73	87	87	64	
Real Estate and Renting	63	62	70	65	65	67	65	66	114	96	93	95	98	94	92	77	81	93	103	101	
Community and Social Services	62	59	60	59	60	60	58	61	70	64	66	60	61	62	60	35	43	43	47	51	
Transportation	78	81	78	78	76	77	78	76	65	51	55	54	57	56	49	35	32	42	50	45	

Note: Unless otherwise stated, all numbers are in diffusion indices, i.e., Confidence Index (CI) is computed as the percentage of firms that answered in affirmative less the percentage of firms that answered in the negative with respect to their views on a given indicator.

<sup>1</sup> Starting Q3 2019, questionnaire was enhanced to include outlook for the next 12 months.

\* Due to the implementation of the Community Quarantine nationwide, the conduct of the Q2 2020 BES was cancelled.

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	2018				2019				2020 *			2021				2022				2023
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
<b>15. Business Outlook Index on the Macroeconomy (by Type of Business): Current Quarter</b>																				
Importer	38.2	45.6	29.7	32.4	39.6	40.1	38.2	41.7	15.6	-3.2	12.9	26.3	16.7	-1.1	39.3	34.0	47.6	29.0	15.7	37.1
Exporter	43.0	49.3	40.7	21.7	38.7	51.4	43.1	23.0	25.8	12.7	20.8	11.1	14.6	7.9	41.9	26.2	30.8	20.5	24.4	19.6
Both (Importer and Exporter)	37.9	39.7	30.6	15.8	21.2	39.8	33.2	25.1	16.9	11.3	9.1	28.8	12.3	7.0	39.2	33.3	26.7	33.7	21.7	26.4
Domestic-Oriented	38.6	42.5	29.2	29.3	37.2	40.2	35.2	49.1	22.8	-8.1	7.9	11.5	1.9	-3.9	37.4	34.0	35.8	26.7	30.3	37.5
<b>16. Number of Respondents (by Type of Business)</b>																				
Importer	157	147	155	148	154	147	131	144	109	93	85	95	102	93	89	47	82	93	89	97
Exporter	86	75	81	83	75	72	72	74	62	55	53	45	48	63	43	42	39	44	45	46
Both (Importer and Exporter)	195	209	206	203	208	211	205	203	124	106	110	111	106	114	120	87	86	89	106	110
Domestic-Oriented	676	713	709	687	723	721	719	704	744	679	687	669	687	643	631	515	531	618	623	642
Not Specified	95	80	75	84	74	79	88	80	72	49	46	45	55	3	1	109	42	40	53	47
<b>Total</b>	1209	1224	1226	1205	1234	1230	1215	1205	1111	982	981	965	998	916	884	800	780	884	916	942
<b>17. Business Outlook Index on the Macroeconomy (by Size of Employment): Current Quarter</b>																				
Small (<100)	36.0	41.4	29.2	24.7	32.6	35.8	35.0	40.7	26.1	-5.2	5.2	12.5	-0.2	-4.6	33.6	37.5	34.6	29.0	22.2	34.2
Medium (100-<500)	39.2	40.5	28.9	31.0	36.1	41.1	33.4	40.4	15.1	-9.6	14.8	17.9	8.2	0.9	39.9	25.1	35.8	25.4	33.2	38.9
Large (500 & up)	48.1	47.4	36.3	26.3	37.0	44.9	40.6	44.3	22.8	10.4	17.4	32.5	16.9	-1.6	51.2	43.1	41.2	34.7	31.7	34.7
<b>18. Number of Respondents (by Size of Employment)</b>																				
Small (<100)	378	379	370	368	368	366	306	329	449	401	401	431	416	436	425	341	341	393	405	421
Medium (100-<500)	479	486	481	465	466	462	416	438	345	302	344	324	317	321	313	259	268	291	310	314
Large (500 & up)	270	272	289	278	303	316	278	287	158	135	121	123	142	124	125	116	114	118	126	121
Not Specified <sup>2</sup>	82	87	86	94	97	86	215	151	159	144	115	87	123	35	21	84	57	82	75	86
<b>Total</b>	1209	1224	1226	1205	1234	1230	1215	1205	1111	982	981	965	998	916	884	800	780	884	916	942

**BUSINESS EXPECTATIONS SURVEY  
2018 - 2023**

	2018				2019				2020 *			2021				2022				2023
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
<b>19. Business Outlook Index on the Macroeconomy (by Type of Business): Next Quarter</b>																				
Importer	49.7	47.6	46.5	32.4	57.8	49.7	58.8	43.1	37.6	24.7	30.6	50.5	29.4	34.4	56.2	66.0	46.3	39.8	38.2	44.3
Exporter	50.0	50.7	43.2	24.1	60.0	55.6	41.7	33.8	50.0	16.4	41.5	51.1	41.7	23.8	58.1	33.3	35.9	25.0	31.1	45.7
Both (Importer and Exporter)	43.1	44.0	34.0	25.6	43.3	48.3	37.1	40.4	27.4	25.5	38.2	49.5	41.5	31.6	50.8	52.9	43.0	43.8	35.8	49.1
Domestic-Oriented	50.6	38.4	46.7	29.1	53.8	45.5	61.6	40.9	43.0	17.5	37.1	37.8	29.7	31.9	51.3	61.0	46.7	49.2	34.7	50.3
<b>20. Percentage Distribution of Respondent Firms by Type of Business</b>																				
Importer	13.0	12.0	12.6	12.3	12.5	12.0	10.8	12.0	9.8	9.5	8.7	9.8	10.2	10.2	10.1	5.9	10.5	10.5	9.7	10.3
Exporter	7.1	6.1	6.6	6.9	6.1	5.9	5.9	6.1	5.6	5.6	5.4	4.7	4.8	6.9	4.9	5.3	5.0	5.0	4.9	4.9
Both (Importer and Exporter)	16.1	17.1	16.8	16.8	16.9	17.2	16.9	16.8	11.2	10.8	11.2	11.5	10.6	12.4	13.6	10.9	11.0	10.1	11.6	11.7
Domestic-Oriented	55.9	58.3	57.8	57.0	58.6	58.6	59.2	58.4	67.0	69.1	70.0	69.3	68.8	70.2	71.4	64.4	68.1	69.9	68.0	68.2
Not Specified	7.9	6.5	6.1	7.0	6.0	6.4	7.2	6.6	6.5	5.0	4.7	4.7	5.5	0.3	0.1	13.6	5.4	4.5	5.8	5.0
<b>Total</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>21. Business Outlook Index on the Macroeconomy (by Size of Employment): Next Quarter</b>																				
Small (<100)	48.9	41.2	42.7	33.2	55.4	47.8	56.2	40.4	41.6	17.7	36.7	37.8	26.7	27.3	50.4	60.4	43.1	41.2	30.6	46.3
Medium (100-<500)	45.9	39.3	46.4	30.8	53.0	47.0	58.2	37.9	40.6	15.9	40.1	43.2	34.1	36.4	52.7	55.6	48.5	53.3	42.6	54.8
Large (500 & up)	55.6	45.2	45.0	23.4	50.8	46.5	55.8	43.2	45.6	23.7	44.6	57.7	43.0	36.3	59.2	65.5	48.2	45.8	33.3	52.1
<b>22. Percentage Distribution of Respondent Firms by Size of Employment</b>																				
Small (<100)	31.3	31.0	30.2	30.5	29.8	29.8	25.2	27.3	40.4	40.8	40.9	44.7	41.7	47.6	48.1	42.6	43.7	44.5	44.2	44.7
Medium (100-<500)	39.6	39.7	39.2	38.6	37.8	37.6	34.2	36.3	31.1	30.8	35.1	33.6	31.8	35.0	35.4	32.4	34.4	32.9	33.8	33.3
Large (500 & up)	22.3	22.2	23.6	23.1	24.6	25.7	22.9	23.8	14.2	13.7	12.3	12.7	14.2	13.5	14.1	14.5	14.6	13.3	13.8	12.8
Not Specified <sup>2</sup>	6.8	7.1	7.0	7.8	7.9	7.0	17.7	12.5	14.3	14.7	11.7	9.0	12.3	3.8	2.4	10.5	7.3	9.3	8.2	9.1
<b>Total</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

**BUSINESS EXPECTATIONS SURVEY  
2018 - 2023**

	2018				2019				2020 *			2021				2022				2023		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1		
<b>23. Business Outlook Index on the Macroeconomy (by Type of Business): Next 12 Months<sup>1</sup></b>																						
Importer									58.8	57.6	52.3	47.3	58.8	69.5	52.0	57.0	78.7	76.6	62.2	59.1	46.1	56.7
Exporter									48.6	44.6	61.3	47.3	60.4	57.8	45.8	47.6	69.8	42.9	43.6	52.3	37.8	45.7
Both (Importer and Exporter)									48.8	59.6	37.9	38.7	57.3	63.1	58.5	57.9	65.8	66.7	50.0	52.8	50.9	58.2
Domestic-Oriented									64.0	60.2	57.0	37.1	58.1	56.1	51.2	58.0	66.7	74.0	59.9	59.9	48.5	64.3
<b>24. Business Outlook Index on the Macroeconomy (by Size of Employment): Next 12 Months<sup>1</sup></b>																						
Small (<100)									59.5	56.5	54.3	31.7	55.4	57.1	48.1	54.1	67.1	70.1	55.7	57.8	43.5	59.9
Medium (100-<500)									60.1	60.3	57.1	44.4	64.2	60.5	52.7	56.4	67.7	72.6	61.6	62.5	56.8	67.5
Large (500 & up)									58.6	59.2	60.1	46.7	68.6	71.5	67.6	71.8	76.8	75.9	64.0	56.8	50.0	62.0

<sup>1</sup> Starting Q3 2019, questionnaire was enhanced to include outlook for the next 12 months.

<sup>2</sup> Starting Q3 2021, this category also includes respondent firms which reported that they have no employees.

\* Due to the implementation of the Community Quarantine nationwide, the conduct of the Q2 2020 BES was cancelled.  
A quarterly survey conducted by the Department of Economic Statistics

