

Japanese Economy Monthly Forecast

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March 2023

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Headlines

• Review of latest official data

This forecast reflects data released by the end of March. Excluding household consumption-related indicators, public works, and the balance of payments situation, about two-thirds of all data needed for an accurate estimate of 2023 Q1 GDP have been released.

In February, the industrial production index rose MoM for the first time in two months, but production levels remain below the 2019 average. The January-February average was also -2.9% lower than the 2022 Q4 average.

The labor market has been flat since the beginning of 2023, and the number of workers has still not recovered to the pre-pandemic peak.

In January, the real aggregate consumption trend index and the consumption activity index remained almost unchanged relative to their 2022 Q4 averages.

Planned dwelling construction expenditure in February decreased for the first time in two months, down -5.0% from the previous month. On the other hand, the shipments of capital goods rose for the first time in four months (+2.5% MoM). Relative to the 2022 Q4 average, the former increased +7.8%, while the latter decreased -8.7%.

Comparing the January-February average to the 2022 Q4 average, real exports and imports declined by -5.0% and -5.5%, respectively. The contribution of net exports to real GDP growth was slightly positive.

• 2023 Q1 real GDP growth forecast update

Our expenditure-side CQM forecast for real GDP growth in 2023 Q1 is an annualized -0.3% QoQ. On the other hand, the production-side forecast figure is an annualized -1.2%. The average of the two forecasts is an annualized -0.8% (Figure 1). The expenditure-side and production-side forecast figures, which diverged for some time, are now converging.

• 2023 Q1 inflation forecast update

In March, seasonally adjusted CPI in Tokyo rose +0.3%, up for the first time in two months. As a result, 2023 Q1 was the seventh consecutive quarter of QoQ inflation (+0.7%).

Our CQM forecasts for the private final consumption expenditure deflator and the domestic demand deflator in 2023 Q1 are both 0.4% QoQ. However, since the terms of trade are expected to improve, we forecast a GDP deflator of +2.0% QoQ (Figure 2).

Fig 1 CQM Forecast: Real GDP Growth Rate Jan-Mar (Q1) 2023 (%, QoQ annualized growth)

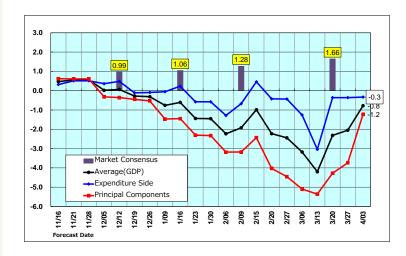
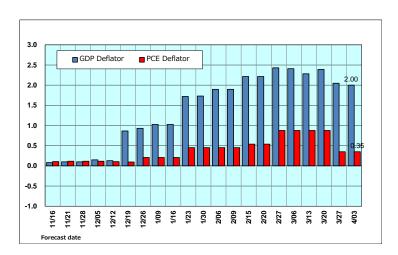


Fig 2 CQM Forecast: Inflation Jan-Mar (Q1) 2023 (%, QoQ growth)



We used the Current Quarter Model (CQM) methodology developed by Professor Emeritus L. R. Klein to create two forecasting models for the Japanese economy: a demand-side model and a production-side (principal component analysis) model. We refer to the forecasts by the former model as the main series, and those by the latter model, as well as the average of both models, as the reference series. Forecasts made using the CQM model are renewed continuously, incorporating the latest weekly data, which makes it possible to determine and trace the impacts of the latest short-term trends on macroeconomic conditions.

Table 1: Main Economic Indicators (latest)

| Release | Data | Economic Indicator | Value/ In- dex | Change | | |
|---------|----------|---|-------------------|----------|---------|--|
| Date | Month | Economic indicator | Score | MoM | YoY | |
| 3/31 | February | Labor Force Survey | | | | |
| | | Total employment (millions) | 67.14 | -0.30 | | |
| | | Total unemployment (millions) | 1.80 | +0.13 | | |
| | | Unemployment rate (%) | 2.6% | -0.2%pt | | |
| | February | General Job Placement Situation | | | | |
| | , | Job offers-to-applicants ratio | 1.34 | -0.01%pt | | |
| | February | Indices of Industrial Production (preliminary figures, 2015=100) | | · · | | |
| | , | Production | 94.8 | +4.5% | | |
| | | Shipments | 92.4 | +3.6% | | |
| | | Inventories | 103.6 | +1.4% | | |
| | February | Current Survey of Commerce (preliminary figures) | | , , | | |
| | robradiy | Retail trade (billion JPY) | 12,282.0 | +1.4% | +6.6% | |
| | February | New Housing Starts | 12,202.0 | 11.470 | 10.070 | |
| | rebruary | New housing starts (SA, Unit) | 64,426 | -3.8% | -0.3% | |
| | | Planned residential construction expenditure (billon JPY) | 1,169.8 | -5.0% | +3.5% | |
| | March | Tokyo Region Consumer Price Index (2020=100) | 1,109.0 | -5.0 /6 | T3.5 /6 | |
| | March | Core | 104.0 | .0.20/ | . 2 20/ | |
| | lanuari | | 104.0 | +0.3% | +3.2% | |
| | January | Construction Costs Deflator (2015=100) | 101 5 | | . 2 20/ | |
| | | Housing construction | 121.5 | | +3.3% | |
| - / | | Public works | 118.8 | | +3.8% | |
| 3/29 | February | Producer Price Index for Intermediate and Final Demand (2015=100) | | | | |
| | | Capital goods | 104.4 | | +3.3% | |
| | | Consumer goods | 109.7 | | +3.4% | |
| 3/27 | January | Index of Business Conditions (revised, 2015=100) | | | | |
| | | Leading indicators | 96.6 | -0.6 | | |
| | | Coincident indicators | 96.4 | -3.0 | | |
| | | Lagging indicators | 100.6 | +0.6 | | |
| | February | Corporate Services Price Index (2015=100) | | | | |
| | | Overall index | 107.6 | | +1.8% | |
| 3/24 | February | National Consumer Price Index (2020=100) | | | | |
| | | Core index | 103.6 | -0.7% | +3.1% | |
| 3/17 | January | Tertiary Industry Activity Index (2015=100) | 100.5 | +0.9% | | |
| | January | General Construction Statistics | | | | |
| | | Private non-residential construction (billion JPY) | 935.6 | | +9.2% | |
| | | Public works (billion JPY) | 2,108.9 | | +6.8% | |
| 3/16 | January | Indices of Industrial Production (final figures, 2015=100) | | | | |
| | | Production | 90.7 | -5.3% | | |
| | | Shipments | 89.2 | -3.7% | | |
| | | Inventory | 102.2 | -1.0% | | |
| | | Production capacity index | 95.6 | | -0.2% | |
| | | Capacity utilization ratio | 89.6 | -5.5% | | |
| | January | Private Core Machinery Orders (billion JPY) | 929.6 | +9.5% | | |
| | February | Trade Statistics (customs clearance level) | | | | |
| | | Trade balance (billion JPY) | -897.7 | -34.7% | +26.2% | |



| | | Exports (billion JPY) | 7,654.7 | +4.4% | +6.5% |
|------|----------|---|----------|----------|---------|
| | | Imports (billion JPY) | 8,552.4 | -3.0% | +8.3% |
| 3/15 | January | Public Works Advanced Securities Statistics | | | |
| | | Contract amount (billion JPY) | 897.8 | | +52.2% |
| | | Number of contracts | 10,654 | | +12.1% |
| 3/10 | January | Family Income and Expenditure Survey (households with 2 or more people) | | | |
| | | Nominal consumption expenditure (JPY) | 301,646 | +3.1% | +4.8% |
| | | Real consumption expenditure | | +2.7% | -0.3% |
| | January | Consumption Trend Index (2020=100) | 103.9 | +0.1% | |
| | January | Information Services Industry Sales (billion JPY) | 1,161.1 | | +6.7% |
| | February | Domestic Corporate Price Index (2020=100) | | | |
| | | Corporate Price | 119.3 | -0.4% | +8.2% |
| | | Export Price | 125.7 | +1.5% | +9.4% |
| | | Import Price | 163.4 | +0.5% | +14.6% |
| 3/8 | January | Index of Business Conditions (preliminary figures, 2015=100) | | | |
| | | Leading indicators | 96.5 | -0.4 | |
| | | Coincident indicators | 96.1 | -3.0 | |
| | | Lagging indicators | 99.5 | -0.1 | |
| | February | Economy Watchers Survey | | | |
| | | Current Conditions Diffusion Index | 52.0 | +3.5 | |
| | | Future Conditions Diffusion Index | 50.8 | +1.5 | |
| | January | Balance of Payments | | | |
| | | Current account (billion JPY) | -1,976.6 | -81.7% | +240.5% |
| | | Exports (billion JPY) | 6,827.7 | -3.4% | +3.4% |
| | | Imports (billion JPY) | 10,004.5 | -1.3% | +22.3% |
| 3/7 | January | Monthly Labor Statistics (preliminary figures) | | | |
| | | Gross average salary per worker (JPY) | 276,857 | | +0.8% |
| | | Total working hours | 127.7 | | -1.4% |
| | January | Consumption Activity Index (2015=100) | 96.7 | +1.2% | |
| 3/3 | January | Labor Force Survey | | | |
| | | Total employment (millions) | 67.44 | +0.18 | |
| | | Total unemployment (millions) | 1.67 | -0.04 | |
| | | Unemployment rate (%) | 2.4% | -0.1%pt | |
| | January | General Job Placement Situation | | | |
| | | Job offers-to-applicants ratio | 1.35 | -0.01%pt | |
| | February | Tokyo Region Consumer Price Index (2020=100) | | | |
| | | Core | 103.7 | -0.7% | +3.3% |
| 3/2 | February | Food Buffer Stock (billion JPY) | +26.0 | | +8.2 |
| | February | Consumer Confidence Index (SA) | 31.1 | +0.1 | |
| 3/1 | February | New Car Sales (vehicles) | 356,281 | | +22.9% |
| 3/ 1 | rebluary | I NEW Car Sales (Verifices) | 330,Z01 | | TZZ. |

Table 2: CQM Forecast: GDP Tracking

| | Real GDP | | Real GDP Deflato | | or | Real GDP | | | Deflator | | | Real GDP | | Deflator | |
|------------------|------------------|-----------------------|------------------|------------|------------|----------------------|--------------------------|---------|----------|-----|----------------------|-----------------------|---------|----------|------|
| Forecast date | Expenditure side | Production side (PCA) | Average | GDP | PCE | Expenditur e side | Production side (PCA) | Average | GDP | PCE | Expenditur e side | Production side (PCA) | Average | GDP | PCE |
| date | | | 2022Q4 | | | | | 2023Q1 | | | 2023Q2 | | | | |
| | | SAAR (%) | | QoQ (| %) | | SAAR (%) | | QoQ (| (%) | | SAAR (%) | | QoQ (| %) |
| 11/16 | 2.8 | 1.1 | 1.9 | 0.2 | 0.0 | 0.3 | 0.6 | 0.5 | 0.1 | 0.1 | | | | | |
| 11/21 | 1.8 | 0.6 | 1.2 | 0.6 | 0.9 | 0.5 | 0.6 | 0.6 | 0.1 | 0.1 | | | | | |
| 11/28 | 1.8 | 0.6 | 1.2 | 0.6 | 0.9 | 0.5 | 0.6 | 0.6 | 0.1 | 0.1 | | | | | |
| 12/05 | 2.3 | -0.9 | 0.7 | 0.7 | 0.9 | 0.4 | -0.3 | 0.0 | 0.1 | 0.1 | | | | | |
| 12/08 | | | | | | | | | 0.0 | 0.0 | | | | | |
| 12/12 | 2.6 | -0.6 | 1.0 | 0.8 | 0.8 | 0.5 | -0.4 | 0.1 | 0.1 | 0.1 | | | | | |
| 12/19 | 2.6 | -0.5 | 1.0 | 1.6 | 0.9 | -0.1 | -0.4 | -0.3 | 0.9 | 0.1 | | | | | |
| 12/26 | 2.4 | 1.0 | 1.7 | 1.7 | 1.0 | -0.1 | -0.5 | -0.3 | 0.9 | 0.2 | | | | | |
| 1/09 | 1.5 | 0.5 | 1.0 | 1.8 | 1.0 | -0.1 | -1.5 | -0.8 | 1.0 | 0.2 | | | | | |
| 1/16 | | -0.0 | 1.1 | 1.9 | 1.0 | 0.2 | -1.4 | -0.6 | 1.0 | 0.2 | | | | | |
| 1/23 | 2.6 | -0.5 | 1.1 | 2.1 | 1.1 | -0.6 | | -1.4 | 1.7 | 0.5 | | | | | |
| 1/30 | 2.6 | -0.5 | 1.1 | 2.1 | 1.1 | -0.6 | | -1.5 | 1.7 | 0.5 | | | | | |
| 2/06 | | -0.7 | 0.7 | 2.0 | 1.1 | -1.3 | | -2.2 | 1.9 | 0.5 | | | | | |
| 2/09 | 2.2 | -0.5 | 0.8 | 2.0 | 1.1 | -0.7 | -3.2 | -1.9 | 1.9 | 0.5 | | | | | |
| 2/14 | <u>0.6</u> | | | <u>1.1</u> | <u>0.8</u> | | | | | | | | | | |
| 2/15 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | -2.4 | -1.0 | 2.2 | 0.5 | -0.5 | | -0.3 | 1.1 | 0.1 |
| 2/20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | -4.0 | -2.2 | 2.2 | 0.5 | | | -0.5 | 1.0 | 0.1 |
| 2/27 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | | -2.4 | 2.4 | 0.9 | | | -0.5 | | 0.1 |
| 3/06 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -1.3 | -5.1 | -3.2 | 2.4 | 0.9 | -0.7 | -0.7 | -0.7 | 1.0 | 0.1 |
| 3/09 | 0.1* | | | 1.1* | 0.8* | | | | | | | | | | |
| 3/13 | | | | | | -3.0 | | -4.2 | 2.3 | 0.9 | | | -0.6 | | 0.1 |
| 3/20 | | | | | | -0.4 | -4.3 | -2.3 | 2.4 | 0.9 | | | 0.1 | 0.5 | 0.1 |
| 3/27 | | | | | | -0.4 | -3.7 | -2.0 | 2.0 | 0.3 | | | 0.2 | 0.3 | -0.2 |
| 4/03 | | | | | | -0.3 | -1.2 | -0.8 | 2.0 | 0.3 | 0.9 | 0.6 | 0.7 | 0.3 | -0.2 |

Note: Underlined figures are 1st preliminary estimates, and figures marked by * are 2nd preliminary estimates.

Table 3-1: Gross Domestic Product at Chained 2015 Price: Y Billion

| | | | F 1 | | CV | | ΓV | | |
|--------------------------------|-----------|-----------------|------------|-----------------|------------|-----------|-------------|-------------|------------------|
| | Quarterly | 000000 | 000004 | Forecast | 000000 | CY | 2000 | FY | 0000 |
| ODDIODE | 2022Q2 | 2022Q3 | 2022Q4 | 2023Q1 | 2023Q2 | 2021 | 2022 | 2021 | 2022 |
| GDP/GDE | - 40 0 | - 40 000 | - 10 -0- | - 40 000 | - 17 - C 1 | - 40 00- | | = 40 00 4 | - 40 00 - |
| Gross Domestic Products | 548,075 | 546,608 | 546,735 | 546,282 | 547,521 | 540,237 | 545,794 | 540,924 | 546,925 |
| Private Consumption | 294,688 | 294,756 | 295,743 | 296,468 | 296,867 | 287,895 | 293,861 | 288,640 | 295,414 |
| Residential Investment | 17,878 | 17,804 | 17,803 | 17,999 | 18,377 | 18,797 | 17,924 | 18,650 | 17,871 |
| Nonresidential Investment | 88,752 | 90,120 | 89,669 | 87,349 | 87,710 | 87,169 | 88,745 | 87,177 | 88,973 |
| Change in Private Inventory | 2,581 | 2,987 | 202 | 1,056 | 408 | 43 | 2,444 | 1,178 | 1,706 |
| Government Consumption | 118,929 | 119,010 | 119,315 | 119,785 | 120,296 | 117,047 | 118,823 | 117,817 | 119,260 |
| Public Investment | 26,500 | 26,679 | 26,599 | 27,126 | 27,044 | 28,532 | 26,531 | 27,563 | 26,726 |
| Change in Public Inventory | -86 | -241 | -36 | -136 | -142 | -84 | -109 | -67 | -125 |
| Net Exports | -604 | -3,846 | -1,809 | -2,613 | -2,288 | 1,134 | -1,828 | 443 | -2,218 |
| Exports of Goods & Services | 106,349 | 109,025 | 110,612 | 106,360 | 106,985 | 102,620 | 107,660 | 103,697 | 108,086 |
| Imports of Goods & Services | 106,952 | 112,871 | 112,421 | 108,973 | 109,274 | 101,485 | 109,488 | 103,255 | 110,304 |
| Gross National Income | 564,653 | 561,527 | 567,410 | 572,477 | 576,095 | 562,365 | 563,371 | 562,538 | 566,517 |
| Memo: | | | | | | | | | |
| Total Demand | 655,027 | 659,478 | 659,156 | 655,255 | 656,795 | 641,722 | 655,282 | 644,179 | 657,229 |
| | | | | | | | | | |
| | Upper Row | : % chang | e from the | previous qu | arter Low | er Row: % | change from | n a year ea | rlier |
| Gross Domestic Products | 1.2 | -0.3 | 0.0 | -0.1 | 0.2 | | | | |
| SAAR | 4.7 | -1.1 | 0.1 | -0.3 | 0.9 | | | | |
| % Change Year Ago | 1.4 | 1.5 | 0.4 | 0.8 | -0.1 | 2.1 | 1.0 | 2.6 | 1.1 |
| Private Consumption | 1.6 | 0.0 | 0.3 | 0.2 | 0.1 | | | | |
| % Change Year Ago | 2.5 | 3.7 | 1.0 | 2.2 | 0.7 | 0.4 | 2.1 | 1.5 | 2.3 |
| Residential Investment | -1.9 | -0.4 | 0.0 | 1.1 | 2.1 | | | | |
| % Change Year Ago | -6.4 | -5.2 | -3.9 | -1.2 | 2.8 | -1.1 | -4.6 | -1.1 | -4.2 |
| Nonresidential Investment | 2.1 | 1.5 | -0.5 | -2.6 | 0.4 | | | | |
| % Change Year Ago | 0.7 | 4.0 | 2.9 | 0.5 | -1.2 | 0.8 | 1.8 | 2.1 | 2.1 |
| Government Consumption | 0.8 | 0.1 | 0.3 | 0.4 | 0.4 | | | | |
| % Change Year Ago | 1.5 | 0.3 | 1.6 | 1.5 | 1.1 | 3.5 | 1.5 | 3.4 | 1.2 |
| Public Investment | 0.6 | 0.7 | -0.3 | 2.0 | -0.3 | | | _ | |
| % Change Year Ago | -9.0 | -5.1 | -2.3 | 3.0 | 2.1 | -1.9 | -7.0 | -6.4 | -3.0 |
| Exports of Goods & Services | 1.5 | 2.5 | 1.5 | -3.8 | 0.6 | | | • • • | |
| % Change Year Ago | 2.8 | 5.7 | 6.8 | 1.5 | 0.6 | 11.7 | 4.9 | 12.3 | 4.2 |
| Imports of Goods & Services | 0.9 | 5.5 | -0.4 | -3.1 | 0.3 | | | | |
| % Change Year Ago | 3.5 | 11.0 | 10.2 | 2.8 | 2.2 | 5.0 | 7.9 | 7.0 | 6.8 |
| Gross National Income | 0.6 | -0.6 | 1.0 | 0.9 | 0.6 | 0.0 | 7.0 | 7.0 | 0.0 |
| SAAR | 2.4 | -2.2 | 4.3 | 3.6 | 2.6 | | | | |
| % Change Year Ago | -0.3 | 0.3 | 0.7 | 2.0 | 2.0 | 2.0 | 0.2 | 2.2 | 0.7 |
| Total Demand | 1.1 | 0.7 | 0.0 | -0.6 | 0.2 | 2.0 | 0.2 | 2.2 | 0.7 |
| SAAR | 4.5 | 2.7 | -0.2 | -0.0 -2.3 | 0.2 0.9 | | | | |
| % Change Year Ago | 0.0 | 13.4 | 2.0 | 1.2 | 0.3 | 2.6 | 2.1 | 3.3 | 2.0 |
| Contribution to GDP Grow th Ra | | 13.4 | 2.0 | 1.2 | 0.3 | 2.0 | 2.1 | 3.3 | 2.0 |
| Domestic Demand | 1.0 | 0.3 | -0.3 | 0.1 | 0.2 | 1.1 | 1.6 | 1.8 | 1.6 |
| | | | | | | | 1.7 | | |
| Private Demand | 0.8 | 0.3 | -0.4 | -0.1 | 0.1 | 0.5 | | 1.4 | 1.5 |
| Public demand | 0.2 | 0.0 | 0.1 | 0.2 | 0.1 | 0.6 | -0.1 | 0.4 | 0.1 |
| Net Exports | 0.1 | -0.6 | 0.4 | -0.1 | 0.1 | 1.0 | -0.6 | 0.8 | -0.5 |

Table 3-2: Gross Domestic Product at Current Prices: Y Billion

| | Quarterly | | | Forecast | | CY | | FY | |
|-----------------------------|-----------|------------|------------|-------------|-----------|-----------|------------|-------------|---------|
| | 2022Q2 | 2022Q3 | 2022Q4 | 2023Q1 | 2023Q2 | 2021 | 2022 | 2021 | 2022 |
| GDP/GDE | 2022Q2 | 2022Q3 | 2022Q4 | 2023Q1 | 2023Q2 | 2021 | 2022 | 2021 | 2022 |
| | 558,619 | EE 1 1 E 1 | ECO 607 | E74 070 | 574,587 | E40.270 | 556,387 | EE0 E61 | 561,187 |
| Gross Domestic Products | | 554,151 | 560,607 | 571,372 | | 549,379 | | 550,561 | |
| Private Consumption | 308,814 | 309,988 | 313,555 | 315,401 | 315,211 | 293,986 | 308,537 | 296,284 | 311,940 |
| Residential Investment | 21,183 | 21,185 | 21,222 | 21,533 | 21,901 | 20,828 | 21,216 | 21,129 | 21,281 |
| Nonresidential Investment | 94,199 | 96,690 | 97,115 | 95,829 | 96,946 | 89,270 | 94,540 | 90,078 | 95,959 |
| Change in Private Inventory | 3,545 | 3,771 | 561 | 1,417 | 147 | 135 | 2,935 | 1,104 | 2,323 |
| Government Consumption | 120,139 | 122,035 | 122,662 | 123,683 | 124,243 | 117,711 | 121,202 | 118,968 | 122,129 |
| Public Investment | 29,588 | 30,063 | 30,146 | 30,568 | 30,456 | 30,510 | 29,690 | 29,807 | 30,091 |
| Change in Public Inventory | -96 | -864 | -30 | -281 | -285 | -108 | -261 | -90 | -318 |
| Net Exports | -18,753 | -28,717 | -24,624 | -16,777 | -14,031 | -2,952 | -21,473 | -6,718 | -22,218 |
| Exports of Goods & Services | | 124,890 | 127,054 | 118,763 | 120,770 | 99,996 | 119,786 | 103,637 | 122,210 |
| Imports of Goods & Services | | 153,607 | 151,678 | 135,540 | 134,801 | 102,948 | 141,259 | 110,355 | 144,428 |
| Gross National Income | 591,710 | 590,082 | 601,694 | 611,823 | 615,739 | 576,048 | 591,563 | 579,812 | 598,827 |
| Memo: | | | | | | | | | |
| Total Demand | 695,506 | 707,758 | 712,286 | 706,912 | 709,388 | 652,327 | 697,646 | 660,916 | 705,616 |
| Compensation of Employee | 293,883 | 294,846 | 296,766 | 295,931 | 297,396 | 288,746 | 294,492 | 289,508 | 295,357 |
| | | | | | | | | | |
| | Upper Row | : % chang | e from the | previous qu | arter Low | er Row: % | change fro | m a year ea | rlier |
| Gross Domestic Products | 1.0 | -0.8 | 1.2 | 1.9 | 0.6 | | | | |
| SAAR | 4.3 | -3.2 | 4.7 | 7.9 | 2.3 | | | | |
| % Change Year Ago | 1.4 | 1.2 | 1.7 | 3.4 | 2.9 | 1.9 | 1.3 | 2.4 | 1.9 |
| Private Consumption | 2.5 | 0.4 | 1.2 | 0.6 | -0.1 | | | | |
| % Change Year Ago | 5.2 | 6.7 | 4.6 | 4.6 | 2.1 | 1.0 | 4.9 | 2.7 | 5.3 |
| Residential Investment | -0.4 | 0.0 | 0.2 | 1.5 | 1.7 | | | | |
| % Change Year Ago | 2.0 | 0.3 | -0.6 | 1.2 | 3.4 | 4.0 | 1.9 | 6.3 | 0.7 |
| Nonresidential Investment | 3.7 | 2.6 | 0.4 | -1.3 | 1.2 | | | | |
| % Change Year Ago | 4.7 | 8.6 | 7.5 | 5.5 | 2.9 | 2.4 | 5.9 | 4.7 | 6.5 |
| Government Consumption | 0.1 | 1.6 | 0.5 | 0.8 | 0.5 | | | | |
| % Change Year Ago | 2.2 | 1.8 | 3.4 | 3.1 | 3.4 | 4.0 | 3.0 | 4.5 | 2.7 |
| Public Investment | 2.2 | 1.6 | 0.3 | 1.4 | -0.4 | | | | |
| % Change Year Ago | -4.3 | -0.5 | 1.9 | 5.6 | 2.9 | 0.4 | -2.7 | -3.3 | 1.0 |
| Exports of Goods & Services | 8.3 | 5.7 | 1.7 | -6.5 | 1.7 | | | | |
| % Change Year Ago | 18.7 | 23.2 | 21.4 | 8.9 | 2.2 | 19.3 | 19.8 | 22.8 | 17.9 |
| Imports of Goods & Services | | 12.2 | -1.3 | -10.6 | -0.5 | | | | |
| % Change Year Ago | 35.9 | 45.9 | 34.1 | 10.6 | -1.5 | 20.7 | 37.2 | 30.1 | 30.9 |
| Gross National Income | 1.2 | -0.3 | 2.0 | 1.7 | 0.6 | | | | |
| SAAR | 5.0 | -1.1 | 8.1 | 6.9 | 2.6 | | | | |
| % Change Year Ago | 2.3 | 2.6 | 3.5 | 4.7 | 4.1 | 3.1 | 2.7 | 4.1 | 3.3 |
| Memo: | | , | | | | | | | |
| Total Demand | 3.0 | 1.8 | 0.6 | -0.8 | 0.4 | | | | |
| SAAR | 12.4 | 7.2 | 2.6 | -3.0 | 1.4 | | | | |
| % Change Year Ago | 0.0 | 28.7 | 7.2 | 4.7 | 2.0 | 0.0 | 4.5 | 0.0 | 6.2 |
| Compensation of Employee | 0.6 | 0.3 | 0.7 | -0.3 | 0.5 | 0.0 | 7.5 | 0.0 | 0.2 |
| % Change Year Ago | 2.1 | 2.0 | 2.6 | 1.3 | 1.2 | 2.0 | 2.0 | 2.1 | 2.0 |
| 70 Orialiye i eal Ayu | ۷.۱ | 2.0 | 2.0 | 1.3 | 1.2 | 2.0 | 2.0 | ۷.۱ | 2.0 |

Table 3-3: Deflator: 2015=100

| | Quarterly | | | Forecast | | CY | | FY | |
|-----------------------------|-----------|------------|------------|-------------|-----------|-----------|------------|-------------|-------|
| | 2022Q2 | 2022Q3 | 2022Q4 | 2023Q1 | 2023Q2 | 2021 | 2022 | 2021 | 2022 |
| GDP/GDE | | | | | | | | | |
| Gross Domestic Products | 101.9 | 101.4 | 102.5 | 104.6 | 104.9 | 101.7 | 101.9 | 101.8 | 102.6 |
| Private Consumption | 104.8 | 105.2 | 106.0 | 106.4 | 106.2 | 102.1 | 105.0 | 102.6 | 105.6 |
| Residential Investment | 118.5 | 119.0 | 119.2 | 119.6 | 119.2 | 110.7 | 118.4 | 113.3 | 119.1 |
| Nonresidential Investment | 106.1 | 107.3 | 108.3 | 109.7 | 110.5 | 102.5 | 106.6 | 103.3 | 107.9 |
| Government Consumption | 101.0 | 102.5 | 102.8 | 103.3 | 103.3 | 100.5 | 102.0 | 101.0 | 102.4 |
| Public Investment | 111.7 | 112.7 | 113.3 | 112.7 | 112.6 | 106.9 | 111.9 | 108.0 | 112.6 |
| Exports of Goods & Services | 111.1 | 114.6 | 114.9 | 111.7 | 112.9 | 97.4 | 111.2 | 99.9 | 113.0 |
| Imports of Goods & Services | 128.0 | 136.1 | 134.9 | 124.4 | 123.4 | 101.4 | 128.8 | 106.8 | 130.8 |
| Unit Profit | 104.8 | 102.9 | 104.7 | 109.4 | 109.9 | 104.7 | 104.1 | 104.7 | 105.5 |
| Unit Labor Cost | 99.5 | 100.1 | 100.7 | 100.5 | 100.8 | 99.2 | 100.1 | 99.3 | 100.2 |
| | | | | | | | | | |
| | Upper Row | : % change | e from the | previous qu | arter Low | er Row: % | change fro | m a year ea | rlier |
| Gross Domestic Products | -0.1 | -0.5 | 1.1 | 2.0 | 0.3 | | | | |
| | 0.0 | -0.4 | 1.2 | 2.5 | 3.0 | -0.3 | 0.2 | -0.2 | 0.8 |
| Private Consumption | 0.8 | 0.4 | 0.8 | 0.3 | -0.2 | | | | |
| | 2.7 | 2.9 | 3.5 | 2.4 | 1.3 | 0.6 | 2.8 | 1.2 | 2.9 |
| Residential Investment | 1.5 | 0.4 | 0.2 | 0.4 | -0.4 | | | | |
| | 9.0 | 5.8 | 3.5 | 2.5 | 0.6 | 5.2 | 6.9 | 7.5 | 5.1 |
| Nonresidential Investment | 1.5 | 1.1 | 0.9 | 1.3 | 0.8 | | | | |
| | 4.0 | 4.4 | 4.4 | 4.9 | 4.1 | 1.7 | 4.0 | 2.6 | 4.5 |
| Government Consumption | -0.6 | 1.5 | 0.3 | 0.4 | 0.0 | | | | |
| | 0.7 | 1.5 | 1.8 | 1.6 | 2.2 | 0.5 | 1.4 | 1.1 | 1.4 |
| Public Investment | 1.6 | 0.9 | 0.6 | -0.6 | -0.1 | | | | |
| | 5.2 | 4.9 | 4.3 | 2.6 | 0.9 | 2.4 | 4.6 | 3.3 | 4.2 |
| Exports of Goods & Services | 6.7 | 3.1 | 0.3 | -2.8 | 1.1 | | | | |
| | 15.5 | 16.5 | 13.7 | 7.2 | 1.6 | 6.8 | 14.2 | 9.5 | 13.2 |
| Imports of Goods & Services | 10.6 | 6.3 | -0.9 | -7.8 | -0.8 | | | | |
| | 31.2 | 31.5 | 21.8 | 7.5 | -3.6 | 14.9 | 27.1 | 21.6 | 22.5 |
| Unit Profit | 0.0 | -1.8 | 1.7 | 4.5 | 0.4 | | | | |
| | 0.0 | 2.6 | 0.2 | 4.8 | 4.8 | -0.3 | -0.5 | 0.2 | 0.7 |
| Unit Labor Cost | 0.0 | 0.6 | 0.6 | -0.2 | 0.3 | | | | |
| | 0.0 | 14.2 | 2.2 | 0.5 | 1.3 | -0.2 | 1.0 | -0.5 | 0.9 |