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Newsletter

Quarterly Gross Domestic Product (QGDP)

Third Quarter 2013



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Real Gross Domestic Product (GDP) for the third quarter of 2013 grew by 0.3 per cent (year-on-year)

Real Gross Domestic Product (GDP) for the third quarter of 2013 grew by 0.3% (year-on-year¹) compared to the 6.1% recorded in the second quarter. The Services sector recorded the highest growth of 6.7%, while Agriculture and Industry Sectors followed with negative growth rates of 3.8% and 11.8% respectively (see Table 1.)

Key findings of the performance of activities in the 3rd quarter of 2013 compared with the 3rd quarter of 2012 by economic activities were as follows:

- Electricity production expanded by 16.3%;
- Hotel and restaurant activities increased by 10.4%;
- Financial and insurance activities increased by 29.6%;
- Public administration was 30.1%; and
- Information and communication increased by 19.3%

Real Gross Domestic Product growth rate for the third quarter of 2013 was (0.5%) per cent quarter-on-quarter², seasonally adjusted

Seasonally adjusted quarter-on-quarter estimates of the real GDP grew by 0.5% in the third quarter of 2013 over the estimates for the second quarter of 2013 (3.9%) as depicted in Table 2.

The most notable performances were as follows:

1. Public administration, 11.0%;
2. Financial and Insurance activities, 10.4%;
3. Electricity, 9.3%;
4. Hotel and restaurant activities, 7.5%; and
5. Crops and cocoa, 2.2%.

¹ Year-on year estimates compare current economic developments with that of the same period in the previous year. There is little or no influence of seasonal variations.

² Quarter-on-quarter GDP estimates provide a short term (within six months) picture of current economic developments. Estimates are influenced by seasonal patterns that are caused by economic behaviour or recurrent exogenous factors such as weather patterns, holidays, religious events, festive seasons, etc.

Key economic developments for third quarter of 2013 seasonally adjusted

- In the Agricultural sector, economic activity in the Crops and cocoa subsector reflected a positive growth of 2.2% over the 1.5% recorded in the 2nd quarter of 2013. This is due to the seasonal pattern (harvesting season).
- Economic activities in the Mining and Quarrying subsector within the Industry sector recorded a growth of -14.7% over the growth of 3.7% recorded in the 2nd quarter of 2013. This was due to a decline in the production of Oil by 16.0% as a result of a planned operational maintenance in the Jubilee field. In addition, the production of Gold and Diamond declined by 29.7%% and 2.9% respectively over the second quarter.
- The Manufacturing subsector recorded a negative growth of 4.7% over the second quarter's negative growth rate of 19.8%. This was partly due to a lower production of Food and beverages, refined petroleum products, and Manufacture of paper and paper products.
- There were increases in the production of Electricity by 9.3%, hotel and restaurant activities by 7.5%, financial and insurance activities by 10.4 over the second quarter of 2013 (2.0%, 2.1% and -0.3% respectively).

Most of the sub-sectors, especially in the Services sector, showed no evidence of seasonality. These subsectors include the following:

- Education
- Financial and Insurance activities
- Health
- Hotels and restaurants
- Information and Communication activities
- Mining and quarrying
- Net taxes
- Public administration
- Water

Nominal GDP (current prices) estimate was GH¢ 24,990.96 million for the 3rd quarter of 2013

For the third quarter of 2013, the GDP estimate at current prices was **GH¢ 24,990.96 million**. (See Table 3).

Non oil GDP at current prices for the 3rd quarter of 2013 was: **GH¢ 23,274.57 million**.

Structure of the economy

The sectoral contribution in the third quarter of 2013, were as follows:

- Agriculture, 30.4%
- Industry, 23.3%
- Services, 46.3%

GDP Deflators³

The GDP deflator could be viewed as a measure of the level of prices in the domestic economy. The GDP deflator measures the ratio of GDP at current prices to GDP at constant prices. They are constructed from Ghana Statistical Service (GSS) GDP series for current and constant prices using the actual values as indicated in table 4.

- The GDP deflator for the 3rd quarter was 304.3% relative to the base year, 2006;
- The quarter-on-quarter change in the deflator was 2.7%; and
- The year-on-year change in the deflator was 32.2%

Forthcoming Publications

| Issue | Expected date of publication |
|------------------------|-------------------------------------|
| Fourth quarter of 2013 | April 9, 2014 |
| First quarter of 2014 | June 25, 2014 |

³ GDP deflator = nominal GDP or GDP at current prices ÷ real GDP or GDP at constant prices *100. It must be noted that GDP deflators are estimated outside and are not used in the GDP estimation. So why is it important to include it in this publication??

ADDITIONAL INFORMATION

Sources and methods

This Statistical Release contains independently compiled quarterly estimates of the gross domestic product (GDP) for the third quarter of 2013. The estimates are based on the 1993 System of National Accounts (SNA), International Standard Industrial Classification Revision 4 published by the United Nations and other international organizations and the Quarterly National Accounts Manual: Concepts, Data Sources, and Compilation prepared by International Monetary Fund (IMF). This means that the methodology, concepts and classifications, are in accordance with the guidelines and recommendations of an internationally agreed system of national accounts. The estimates of real GDP are expressed in terms of the base year, 2006.

The Annual GDP estimates are derived as the sum of the four quarters. Short-term indicators are used to estimate the quarterly GDP (ref Quarterly National Accounts Manual: Concepts, Data Sources, and Compilation - IMF) and benchmarked to the annual GDP. Note that the same methods are employed for the estimation of both the quarterly and annual GDP.

Seasonal adjustment

The quarterly value added and GDP estimates have been seasonally adjusted. Seasonal adjustment is the process of estimating and removing seasonal effects from time series to reveal non-seasonal features. This process is to provide a clearer view of short term movements and trends and also to allow earlier identification of turning points.

Revision Policy

While the majority of revisions are made to the four most recent quarters of the series, there is no restriction on when an estimate of the quarterly series for a given period can be revised. The main causes of revisions are as follows:

- a) Incorporation of additional and improved data: Most revisions reflect the incorporation of a wider range of data. In particular, some data that were not available at the release date are incorporated through revisions into subsequent releases.
- b) Reconciliation of quarterly and annual measures: The process of reconciling the quarterly measures with the annual measures can lead to further revisions. The quarterly measures of these series are based on a smaller range of data than the annual measures.
- c) The estimates for the four quarters of 2011 and 2012 GDP estimates have all been revised. However, the 2012 and 2013 quarterly GDP estimates may be further revised on the basis of additional data being made available.

d) The 2011 QGDP estimates have all been revised and finalized.

Related publications

Users may also wish to refer to the following publications from **the GSS website:**

www.statsghana.gov.gh

- 2013 third quarter GDP bulletin and time series
- Producer Price Index
- Consumer Price Index
- Ghana Economic Performance
- Ghana at a Glance
- National Income Statistics
- Microeconomic Digest

Table 1 - Quarterly Value Added at Constant 2006 Prices by Economic Activity

| Quarter | Quarterly Value Added (GHc Million) | | | | Year-on-Year change (%) | | | |
|----------|-------------------------------------|----------|----------|----------------|-------------------------|----------|----------|-------------|
| | Agriculture | Industry | Services | Total** | Agriculture | Industry | Services | Total** |
| 2006_Q1 | 937.8 | 864.5 | 2,113.3 | 4,087.5 | | | | |
| 2006_Q2 | 704.8 | 884.3 | 2,271.4 | 4,067.8 | | | | |
| 2006_Q3 | 1,785.1 | 953.0 | 2,138.4 | 5,073.1 | | | | |
| 2006_Q4 | 1,987.4 | 1,002.5 | 2,167.2 | 5,476.7 | | | | |
| 2007_Q1 | 893.5 | 990.9 | 2,342.3 | 4,544.0 | -4.7 | 14.6 | 10.8 | 11.2 |
| 2007_Q2 | 702.4 | 1,019.4 | 2,316.5 | 4,361.2 | -0.3 | 15.3 | 2.0 | 7.2 |
| 2007_Q3 | 1,795.9 | 971.0 | 2,280.9 | 5,362.9 | 0.6 | 1.9 | 6.7 | 5.7 |
| 2007_Q4 | 1,930.3 | 948.4 | 2,418.7 | 5,645.4 | -2.9 | -5.4 | 11.6 | 3.1 |
| 2008_Q1 | 958.4 | 1,130.8 | 2,567.3 | 4,943.7 | 7.3 | 14.1 | 9.6 | 8.8 |
| 2008_Q2 | 778.7 | 1,125.1 | 2,413.6 | 4,616.3 | 10.9 | 10.4 | 4.2 | 5.8 |
| 2008_Q3 | 1,943.3 | 1,114.2 | 2,625.4 | 5,984.2 | 8.2 | 14.7 | 15.1 | 11.6 |
| 2008_Q4 | 2,035.6 | 1,151.8 | 2,499.6 | 6,047.8 | 5.5 | 21.4 | 3.3 | 7.1 |
| 2009_Q1 | 1,001.7 | 1,173.3 | 2,653.8 | 5,073.4 | 4.5 | 3.8 | 3.4 | 2.6 |
| 2009_Q2 | 791.5 | 1,184.3 | 2,657.1 | 4,856.3 | 1.6 | 5.3 | 10.1 | 5.2 |
| 2009_Q3 | 2,074.6 | 1,170.9 | 2,636.5 | 6,114.3 | 6.8 | 5.1 | 0.4 | 2.2 |
| 2009_Q4 | 2,261.3 | 1,196.2 | 2,719.4 | 6,410.5 | 11.1 | 3.9 | 8.8 | 6.0 |
| 2010_Q1 | 1,013.9 | 1,275.5 | 3,064.8 | 5,507.4 | 1.2 | 8.7 | 15.5 | 8.6 |
| 2010_Q2 | 887.4 | 1,229.4 | 2,771.0 | 5,124.3 | 12.1 | 3.8 | 4.3 | 5.5 |
| 2010_Q3 | 2,273.3 | 1,229.2 | 2,946.7 | 6,767.7 | 9.6 | 5.0 | 11.8 | 10.7 |
| 2010_Q4 | 2,278.0 | 1,318.9 | 2,931.9 | 6,852.6 | 0.7 | 10.3 | 7.8 | 6.9 |
| 2011_Q1 | 1,012.7 | 1,519.9 | 3,241.4 | 6,124.8 | -0.1 | 19.2 | 5.8 | 11.2 |
| 2011_Q2 | 903.3 | 1,752.1 | 3,105.8 | 6,102.3 | 1.8 | 42.5 | 12.1 | 19.1 |
| 2011_Q3 | 2,286.8 | 1,898.2 | 3,198.6 | 7,719.2 | 0.6 | 54.4 | 8.6 | 14.1 |
| 2011_Q4 | 2,304.4 | 1,987.0 | 3,266.9 | 7,945.0 | 1.2 | 50.7 | 11.4 | 15.9 |
| 2012_Q1 | 1,014.7 | 1,946.9 | 3,374.6 | 6,757.7 | 0.2 | 28.1 | 4.1 | 10.3 |
| 2012_Q2 | 917.8 | 1,839.0 | 3,476.5 | 6,655.7 | 1.6 | 5.0 | 11.9 | 9.1 |
| 2012_Q3 | 2,343.1 | 1,957.1 | 3,558.1 | 8,261.5 | 2.5 | 3.1 | 11.2 | 7.0 |
| 2012_Q4 | 2,319.1 | 1,915.8 | 3,715.6 | 8,424.1 | 0.6 | -3.6 | 13.7 | 6.0 |
| 2013_Q1* | 1,025.3 | 1,930.6 | 3,781.2 | 7,213.7 | 1.1 | -0.8 | 12.0 | 6.7 |
| 2013_Q2* | 881.7 | 1,884.1 | 3,795.2 | 7,060.9 | -3.9 | 2.5 | 9.2 | 6.1 |
| 2013_Q3* | 2,255.0 | 1,726.7 | 3,797.0 | 8,286.4 | -3.8 | -11.8 | 6.7 | 0.3 |

* provisional

** Total includes net indirect taxes

Table 2 - Seasonal Adjusted Quarterly Value Added at Constant 2006 Prices by Economic Activity

| Quarter | Quarterly Value Added (GHc Million) | | | | Quarter-on-Quarter Change (%) | | | |
|----------|-------------------------------------|----------|----------|---------|-------------------------------|----------|----------|---------|
| | Agriculture | Industry | Services | Total** | Agriculture | Industry | Services | Total** |
| 2006_Q1 | 1,373.0 | 865.0 | 2,046.0 | 4,410.0 | | | | |
| 2006_Q2 | 1,296.0 | 881.0 | 2,292.0 | 4,634.0 | -5.6 | 1.8 | 12.0 | 5.1 |
| 2006_Q3 | 1,333.0 | 966.0 | 2,154.0 | 4,710.0 | 2.9 | 9.6 | -6.0 | 1.6 |
| 2006_Q4 | 1,391.0 | 994.0 | 2,187.0 | 4,899.0 | 4.4 | 2.9 | 1.5 | 4.0 |
| 2007_Q1 | 1,304.0 | 989.0 | 2,262.0 | 4,898.0 | -6.3 | -0.5 | 3.4 | 0.0 |
| 2007_Q2 | 1,301.0 | 1,009.0 | 2,365.0 | 4,974.0 | -0.2 | 2.0 | 4.6 | 1.6 |
| 2007_Q3 | 1,340.0 | 986.0 | 2,296.0 | 4,975.0 | 3.0 | -2.3 | -2.9 | 0.0 |
| 2007_Q4 | 1,350.0 | 939.0 | 2,452.0 | 5,053.0 | 0.7 | -4.8 | 6.8 | 1.6 |
| 2008_Q1 | 1,391.0 | 1,132.0 | 2,474.0 | 5,322.0 | 3.0 | 20.6 | 0.9 | 5.3 |
| 2008_Q2 | 1,454.0 | 1,102.0 | 2,456.0 | 5,277.0 | 4.5 | -2.7 | -0.7 | -0.8 |
| 2008_Q3 | 1,444.0 | 1,131.0 | 2,633.0 | 5,543.0 | -0.7 | 2.6 | 7.2 | 5.0 |
| 2008_Q4 | 1,418.0 | 1,148.0 | 2,540.0 | 5,419.0 | -1.8 | 1.5 | -3.5 | -2.2 |
| 2009_Q1 | 1,460.0 | 1,160.0 | 2,558.0 | 5,453.0 | 3.0 | 1.0 | 0.7 | 0.6 |
| 2009_Q2 | 1,496.0 | 1,160.0 | 2,724.0 | 5,565.0 | 2.5 | 0.0 | 6.5 | 2.1 |
| 2009_Q3 | 1,531.0 | 1,179.0 | 2,649.0 | 5,650.0 | 2.3 | 1.6 | -2.8 | 1.5 |
| 2009_Q4 | 1,568.0 | 1,193.0 | 2,759.0 | 5,755.0 | 2.4 | 1.2 | 4.2 | 1.9 |
| 2010_Q1 | 1,523.0 | 1,250.1 | 2,983.7 | 6,130.0 | -2.9 | 4.8 | 8.1 | 6.5 |
| 2010_Q2 | 1,683.0 | 1,206.8 | 2,764.2 | 5,767.0 | 10.5 | -3.5 | -7.4 | -5.9 |
| 2010_Q3 | 1,651.0 | 1,242.9 | 2,935.9 | 5,936.0 | -1.9 | 3.0 | 6.2 | 2.9 |
| 2010_Q4 | 1,585.0 | 1,354.5 | 3,036.7 | 5,980.0 | -4.0 | 9.0 | 3.4 | 0.7 |
| 2011_Q1 | 1,688.0 | 1,491.7 | 3,165.1 | 6,447.0 | 6.5 | 10.1 | 4.2 | 7.8 |
| 2011_Q2 | 1,624.0 | 1,746.1 | 3,122.3 | 6,557.0 | -3.8 | 17.1 | -1.4 | 1.7 |
| 2011_Q3 | 1,490.0 | 1,897.6 | 3,202.6 | 6,624.0 | -8.3 | 8.7 | 2.6 | 1.0 |
| 2011_Q4 | 1,549.0 | 2,022.0 | 3,321.1 | 6,809.0 | 4.0 | 6.6 | 3.7 | 2.8 |
| 2012_Q1 | 1,544.0 | 1,917.7 | 3,304.4 | 6,710.0 | -0.3 | -5.2 | -0.5 | -1.5 |
| 2012_Q2 | 1,707.0 | 1,836.8 | 3,491.8 | 7,074.0 | 10.6 | -4.2 | 5.7 | 5.4 |
| 2012_Q3 | 1,723.0 | 1,954.6 | 3,571.7 | 7,189.0 | 0.9 | 6.4 | 2.3 | 1.6 |
| 2012_Q4 | 1,638.0 | 1,952.5 | 3,768.0 | 7,341.0 | -4.9 | -0.1 | 5.5 | 2.1 |
| 2013_Q1* | 1,635.0 | 1,907.8 | 3,728.9 | 7,115.3 | -0.2 | -2.3 | -1.0 | -3.1 |
| 2013_Q2* | 1,606.0 | 1,882.1 | 3,809.3 | 7,393.7 | -1.8 | -1.3 | 2.2 | 3.9 |
| 2013_Q3* | 1,601.4 | 1,723.5 | 3,800.2 | 7,430.7 | -0.3 | -8.4 | -0.2 | 0.5 |

* provisional

** Total includes net indirect taxes

Table 3 - Quarterly GDP at current Prices by Economic Activity and respective sectoral distribution

| Quarter | Value Added (GHc Million) | | | | | | % of GDP (@ basic prices) | | | |
|----------|---------------------------|----------|----------|---|--------------------|-------------------------------------|---------------------------|----------|----------|---|
| | Agriculture | Industry | Services | Total Value added (GDP @ basic prices) | Net indirect Taxes | Total (GDP in purchaser's value) | Agriculture | Industry | Services | Total Value added (GDP @ basic prices) |
| 2006_Q1 | 851.7 | 854.6 | 2,122.9 | 3,829.3 | 166.0 | 3,995.2 | 22.2 | 22.3 | 55.4 | 100.0 |
| 2006_Q2 | 758.4 | 910.0 | 2,276.2 | 3,944.5 | 204.0 | 4,148.5 | 19.2 | 23.1 | 57.7 | 100.0 |
| 2006_Q3 | 1,837.2 | 956.1 | 2,146.2 | 4,939.5 | 208.1 | 5,147.6 | 37.2 | 19.4 | 43.5 | 100.0 |
| 2006_Q4 | 1,967.7 | 983.6 | 2,145.1 | 5,096.4 | 317.4 | 5,413.7 | 38.6 | 19.3 | 42.1 | 100.0 |
| 2007_Q1 | 970.0 | 1,088.1 | 2,289.4 | 4,347.5 | 317.6 | 4,665.1 | 22.3 | 25.0 | 52.7 | 100.0 |
| 2007_Q2 | 902.8 | 1,135.7 | 2,535.3 | 4,573.7 | 330.3 | 4,904.1 | 19.7 | 24.8 | 55.4 | 100.0 |
| 2007_Q3 | 2,205.3 | 1,137.0 | 2,674.5 | 6,016.7 | 350.8 | 6,367.5 | 36.7 | 18.9 | 44.5 | 100.0 |
| 2007_Q4 | 2,241.8 | 1,152.7 | 3,422.4 | 6,816.9 | 400.8 | 7,217.7 | 32.9 | 16.9 | 50.2 | 100.0 |
| 2008_Q1 | 1,652.7 | 1,451.5 | 3,166.1 | 6,270.2 | 380.6 | 6,650.9 | 26.4 | 23.1 | 50.5 | 100.0 |
| 2008_Q2 | 1,118.1 | 1,432.0 | 3,124.1 | 5,674.3 | 381.5 | 6,055.8 | 19.7 | 25.2 | 55.1 | 100.0 |
| 2008_Q3 | 2,925.3 | 1,431.6 | 3,902.7 | 8,259.5 | 410.2 | 8,669.7 | 35.4 | 17.3 | 47.3 | 100.0 |
| 2008_Q4 | 3,178.9 | 1,539.4 | 3,741.8 | 8,460.1 | 342.1 | 8,802.2 | 37.6 | 18.2 | 44.2 | 100.0 |
| 2009_Q1 | 1,626.3 | 1,661.3 | 4,437.5 | 7,725.1 | 111.2 | 7,836.3 | 21.1 | 21.5 | 57.4 | 100.0 |
| 2009_Q2 | 1,550.5 | 1,696.7 | 4,920.9 | 8,168.1 | 70.8 | 8,238.9 | 19.0 | 20.8 | 60.2 | 100.0 |
| 2009_Q3 | 4,086.0 | 1,717.4 | 3,957.8 | 9,761.1 | 168.2 | 9,929.4 | 41.9 | 17.6 | 40.5 | 100.0 |
| 2009_Q4 | 4,080.1 | 1,700.3 | 4,227.3 | 10,007.7 | 585.4 | 10,593.1 | 40.8 | 17.0 | 42.2 | 100.0 |
| 2010_Q1 | 2,424.4 | 2,099.5 | 6,170.6 | 10,694.4 | 345.6 | 11,040.0 | 22.7 | 19.6 | 57.7 | 100.0 |
| 2010_Q2 | 1,854.3 | 1,950.9 | 4,865.0 | 8,670.2 | 598.2 | 9,268.4 | 21.4 | 22.5 | 56.1 | 100.0 |
| 2010_Q3 | 4,290.7 | 1,972.6 | 5,386.3 | 11,649.5 | 852.3 | 12,501.9 | 36.8 | 16.9 | 46.2 | 100.0 |
| 2010_Q4 | 4,340.3 | 2,271.4 | 5,761.8 | 12,373.6 | 858.3 | 13,231.8 | 35.1 | 18.4 | 46.6 | 100.0 |
| 2011_Q1 | 2,305.3 | 3,025.4 | 7,351.8 | 12,682.5 | 958.8 | 13,641.3 | 18.2 | 23.9 | 58.0 | 100.0 |
| 2011_Q2 | 1,824.5 | 3,574.7 | 7,441.6 | 12,840.8 | 967.3 | 13,808.0 | 14.2 | 27.8 | 58.0 | 100.0 |
| 2011_Q3 | 4,705.2 | 3,758.9 | 5,977.3 | 14,441.5 | 957.0 | 15,398.5 | 32.6 | 26.0 | 41.4 | 100.0 |
| 2011_Q4 | 5,319.8 | 3,915.3 | 6,652.0 | 15,887.1 | 1,081.4 | 16,968.5 | 33.5 | 24.6 | 41.9 | 100.0 |
| 2012_Q1 | 2,480.2 | 4,783.2 | 7,355.5 | 14,618.9 | 1,225.3 | 15,844.2 | 17.0 | 32.7 | 50.3 | 100.0 |
| 2012_Q2 | 2,064.9 | 4,426.5 | 7,947.1 | 14,438.6 | 1,281.5 | 15,720.1 | 14.3 | 30.7 | 55.0 | 100.0 |
| 2012_Q3 | 5,187.1 | 4,623.1 | 8,315.8 | 18,126.0 | 1,235.6 | 19,361.6 | 28.6 | 25.5 | 45.9 | 100.0 |
| 2012_Q4 | 5,666.8 | 4,747.7 | 10,344.0 | 20,758.6 | 1,424.6 | 22,183.2 | 27.3 | 22.9 | 49.8 | 100.0 |
| 2013_Q1* | 3,233.7 | 5,445.8 | 9,540.4 | 18,219.8 | 1,456.8 | 19,676.7 | 17.7 | 29.9 | 52.4 | 100.0 |
| 2013_Q2* | 2,700.4 | 5,811.6 | 10,391.7 | 18,903.8 | 1,624.1 | 20,527.9 | 14.3 | 30.7 | 55.0 | 100.0 |
| 2013_Q3* | 7,087.7 | 5,422.8 | 10,802.3 | 23,312.7 | 1,678.2 | 24,991.0 | 30.4 | 23.3 | 46.3 | 100.0 |

Table 4 - Deflators by Economic Activity

| Quarter | Quarterly deflators (%) | | | | Quarter-on-Quarter Change (%) | | | | Year-on-Year change (%) | | | |
|----------|-------------------------|----------|----------|--------------|-------------------------------|----------|----------|--------------|-------------------------|----------|----------|-------------|
| | Agriculture | Industry | Services | Totale** | Agriculture | Industry | Services | Total** | Agriculture | Industry | Services | Total** |
| 2006_Q1 | 90.8 | 98.9 | 100.5 | 96.7 | | | | | | | | |
| 2006_Q2 | 107.6 | 102.9 | 100.2 | 103.6 | 18.5 | 4.1 | -0.2 | 7.1 | | | | |
| 2006_Q3 | 102.9 | 100.3 | 100.4 | 101.2 | -4.4 | -2.5 | 0.2 | -2.3 | | | | |
| 2006_Q4 | 99.0 | 98.1 | 99.0 | 98.7 | -3.8 | -2.2 | -1.4 | -2.5 | | | | |
| 2007_Q1 | 108.6 | 109.8 | 97.7 | 105.4 | 9.6 | 11.9 | -1.2 | 6.8 | 19.5 | 11.1 | -2.7 | 9.3 |
| 2007_Q2 | 128.5 | 111.4 | 109.4 | 116.5 | 18.4 | 1.5 | 12.0 | 10.5 | 19.4 | 8.3 | 9.2 | 12.3 |
| 2007_Q3 | 122.8 | 117.1 | 117.3 | 119.0 | -4.5 | 5.1 | 7.1 | 2.2 | 19.3 | 16.7 | 16.8 | 17.6 |
| 2007_Q4 | 116.1 | 121.5 | 141.5 | 126.4 | -5.4 | 3.8 | 20.7 | 6.2 | 17.3 | 23.9 | 43.0 | 28.0 |
| 2008_Q1 | 172.4 | 128.4 | 123.3 | 141.4 | 48.5 | 5.6 | -12.8 | 11.9 | 58.8 | 16.9 | 26.2 | 34.0 |
| 2008_Q2 | 143.6 | 127.3 | 129.4 | 133.4 | -16.7 | -0.8 | 5.0 | -5.6 | 11.7 | 14.2 | 18.3 | 14.7 |
| 2008_Q3 | 150.5 | 128.5 | 148.6 | 142.6 | 4.8 | 0.9 | 14.8 | 6.8 | 22.6 | 9.7 | 26.8 | 19.7 |
| 2008_Q4 | 156.2 | 133.7 | 149.7 | 146.5 | 3.7 | 4.0 | 0.7 | 2.8 | 34.5 | 10.0 | 5.8 | 16.7 |
| 2009_Q1 | 162.4 | 141.6 | 167.2 | 157.1 | 4.0 | 5.9 | 11.7 | 7.2 | -5.8 | 10.3 | 35.6 | 13.3 |
| 2009_Q2 | 195.9 | 143.3 | 185.2 | 174.8 | 20.7 | 1.2 | 10.8 | 11.3 | 36.4 | 12.6 | 43.1 | 30.7 |
| 2009_Q3 | 197.0 | 146.7 | 150.1 | 164.6 | 0.5 | 2.4 | -18.9 | -5.8 | 30.8 | 14.1 | 1.0 | 15.3 |
| 2009_Q4 | 180.4 | 142.1 | 155.4 | 159.3 | -8.4 | -3.1 | 3.6 | -3.2 | 15.5 | 6.4 | 3.8 | 8.6 |
| 2010_Q1 | 239.1 | 164.6 | 201.3 | 201.7 | 32.5 | 15.8 | 29.5 | 26.6 | 47.3 | 16.2 | 20.4 | 28.0 |
| 2010_Q2 | 209.0 | 158.7 | 175.6 | 181.1 | -12.6 | -3.6 | -12.8 | -10.2 | 6.7 | 10.8 | -5.2 | 4.1 |
| 2010_Q3 | 188.7 | 160.5 | 182.8 | 177.3 | -9.7 | 1.1 | 4.1 | -2.1 | -4.2 | 9.4 | 21.8 | 9.0 |
| 2010_Q4 | 190.5 | 172.2 | 196.5 | 186.4 | 0.9 | 7.3 | 7.5 | 5.1 | 5.6 | 21.2 | 26.4 | 17.7 |
| 2011_Q1 | 227.6 | 199.1 | 226.8 | 217.8 | 19.5 | 15.6 | 15.4 | 16.8 | -4.8 | 20.9 | 12.7 | 9.6 |
| 2011_Q2 | 202.0 | 204.0 | 239.6 | 215.2 | -11.3 | 2.5 | 5.6 | -1.2 | -3.3 | 28.6 | 36.5 | 20.6 |
| 2011_Q3 | 205.8 | 198.0 | 186.9 | 196.9 | 1.9 | -2.9 | -22.0 | -8.5 | 9.0 | 23.4 | 2.2 | 11.5 |
| 2011_Q4 | 230.9 | 197.1 | 203.6 | 210.5 | 12.2 | -0.5 | 9.0 | 6.9 | 21.2 | 14.4 | 3.6 | 13.1 |
| 2012_Q1 | 244.4 | 245.7 | 218.0 | 236.0 | 5.9 | 24.7 | 7.0 | 12.1 | 7.4 | 23.4 | -3.9 | 9.0 |
| 2012_Q2 | 225.0 | 240.7 | 228.6 | 231.4 | -8.0 | -2.0 | 4.9 | -1.9 | 11.4 | 18.0 | -4.6 | 8.3 |
| 2012_Q3 | 221.4 | 236.2 | 233.7 | 230.4 | -1.6 | -1.9 | 2.2 | -0.4 | 7.6 | 19.3 | 25.1 | 17.3 |
| 2012_Q4 | 244.4 | 247.8 | 278.4 | 256.9 | 10.4 | 4.9 | 19.1 | 11.5 | 5.8 | 25.8 | 36.7 | 22.8 |
| 2013_Q1* | 315.4 | 282.1 | 252.3 | 283.3 | 29.1 | 13.8 | -9.4 | 10.3 | 29.0 | 14.8 | 15.8 | 19.9 |
| 2013_Q2* | 306.3 | 308.5 | 273.8 | 296.2 | -2.9 | 9.4 | 8.5 | 4.6 | 36.1 | 28.1 | 19.8 | 28.0 |
| 2013_Q3* | 314.3 | 314.1 | 284.5 | 304.3 | 2.6 | 1.8 | 3.9 | 2.7 | 42.0 | 33.0 | 21.7 | 32.2 |

* provisional

** Total includes net indirect taxes