## Economic Survey of Singapore

## Second Quarter 2012

# ECONOMIC SURVEY OF SII NGAPORE 

## SECOND QUARTER 2012

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## ECONOMI C SURVEY OF SI NGAPORE SECOND QUARTER 2012

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| NOTATION | na <br> nie <br> YOY | not applicable or not available <br> not included elsewhere <br> Year-on-year percentage change |
| :--- | :--- | :--- |
| NOTE | QOQ | Quarter-on-quarter percentage change |
|  | 1 | The data for the current quarter are preliminary. <br> Except for headline numbers like GDP growth, numbers <br> beyond single digits have been rounded to whole numbers |

MAI N I NDI CATORS OF THE SI NGAPORE ECONOMY

|  |  | 2011 |  |  |  | 2012 | $\frac{2012}{\text { 2nd Qtr }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2nd Qtr | 3rd Qtr | 4th Qtr | Annual | 1st Qtr |  |
| Overall Economy GDP at 2005 Market Prices | \$m | 74,638 | $\begin{array}{r} 75,992 \\ 6.0 \end{array}$ | 75,021 | 299,625 | 75,047 | $76,156$ |
|  | yoy\% | 1.2 |  | 3.6 | 4.9 | 1.5 | 2.0 |
|  | saaqoq\% | -3.0 | 2.081,0034.6 | -2.5 | 4.9 | 9.5 | -0.783,4384.1 |
|  | \$myoy\% | 80,147 |  | $\begin{array}{r} 84,124 \\ 3.8 \end{array}$ | $\begin{array}{r} 326,832 \\ 5.4 \end{array}$ | 83,867 |  |
| GDP at Current Market Prices |  | 3.8 |  |  |  | 2.8 |  |
| Labour Market |  |  |  |  |  |  |  |
| Net J ob Creation ${ }^{1}$ | thous | 24.8 | 31.9 | 37.6 | 122.6 | 27.2 | 29.2 |
| Unemployment Rate (SA) | \% | 2.1 | 2.0 | 2.0 | 2.0 | 2.1 | 2.0 |
| Redundancy | thous | 2.0 | 2.0 | 3.3 | 10.0 | 2.6 | 2.3 |
| Labour Productivity | yoy\% | -2.3 | 2.0 | -0.5 | 1.0 | -2.3 | -1.9 |
| Unit Business Cost of Manufacturing | $2005=100$ | 103.0 | 101.9 | 109.0 | 105.1 | 112.4 | 106.9 |
| Unit Labour Cost of Manufacturing | yoy\% | 8.0 | 0.9 | 2.3 | 2.6 | 5.4 | 3.7 |
|  | saqoq\% | 3.4 | -0.4 | -0.1 | 2.6 | 2.6 | 1.6 |
|  | $2005=100$ | 85.2 | 80.4 | 97.0 | 89.8 | 101.0 | 85.5 |
|  | yoy\% | 13.9 | -7.7 | -4.6 | -2.5 | 4.7 | 0.3 |
|  | saqoq\% | 3.3 | -2.0 | 1.0 | -2.5 | 2.7 | -1.3 |
| Prices | $\begin{aligned} & 2009=100 \\ & \text { yoy\% } \\ & \text { saqoq\% } \\ & 2006=100 \\ & \text { yoy\% } \end{aligned}$ | 107.1 | 109.2 | 110.2 | 108.2 | 111.5 | 112.7 |
| Consumer Price IndexDomestic Supply Price Index |  |  |  |  |  |  |  |
|  |  | 4.7 | 5.5 | 5.5 | 5.2 | 4.9 | 5.3 |
|  |  | 0.9 | 1.5 | 1.1 | 5.2 | 1.4 | 1.1 |
|  |  | 105.9 | 104.1 | 107.4 | 105.4 | 110.0 | 105.7 |
|  |  | 7.8 | 9.3 | 10.4 | 8.4 | 5.5 | -0.1 |
| External Trade |  | 128,220 | 130,940 | 130,944 | 514,741 | 130,606 | 130,073 |
| Exports |  |  |  |  |  |  |  |
|  | yoy\% | 6.7 | 4.7 | 5.8 | 7.5 | 4.8 | 1.4 |
|  | saqoq\% | -1.0 | -1.6 | 3.3 | 7.5 | 3.2 | -3.4 |
| Domestic Exports | \$m | 69,329 | 74,020 | 70,797 | 281,350 | 73,945 | 73,582 |
| Non-Oil Domestic Exports | yoy\% | 10.5 | 14.5 | 9.0 | 13.2 | 10.0 | 6.1-4.7 |
|  | saqoq\% <br> \$m <br> yoy\% | -1.9 | $\begin{array}{r} 2.7 \\ 45,700 \end{array}$ | $\begin{array}{r} 0.8 \\ 44,424 \end{array}$ | $\begin{array}{r} 13.2 \\ 177,396 \end{array}$ | $\begin{array}{r} 7.4 \\ 46,300 \end{array}$ |  |
|  |  | 43,614 |  |  |  |  | 45,315 |
|  |  | 1.9 | -1.2 | -2.7 | 2.2 | 6.1 | 3.9-3.3 |
| Re-Exports | yoy\% <br> saqoq\% | -1.8 | -0.656,920 | $\begin{array}{r} -0.7 \\ 60,147 \end{array}$ | $\begin{array}{r} 2.2 \\ 233,392 \end{array}$ | $\begin{array}{r} 8.6 \\ 56,661 \end{array}$ |  |
|  | \$m yoy\% | 58,891 |  |  |  |  | 56,491 |
| Imports |  | 2.6 | -5.7 | 2.2 | 1.4 | -1.3 | -4.1 <br> -1.8 |
|  | $\begin{aligned} & \text { yoy\% } \\ & \text { saqoq\% } \end{aligned}$ | 0.1 | $\begin{array}{r} -6.7 \\ 116,071 \\ 6.2 \\ -1.3 \end{array}$ | $\begin{array}{r} 6.5 \\ 117,280 \\ 9.9 \\ 1.3 \end{array}$ | $\begin{array}{r} 1.4 \\ 459,655 \\ 8.6 \\ 8.6 \end{array}$ | $\begin{array}{r} -1.7 \\ 121,598 \\ 10.5 \\ 7.5 \end{array}$ |  |
|  | saqoq\% <br> \$m <br> yoy\% <br> saqoq\% | 116,243 |  |  |  |  | $\begin{array}{r} 121,595 \\ 4.6 \\ -2.7 \\ \hline \end{array}$ |
|  |  | 8.4 |  |  |  |  |  |
|  |  | 2.1 |  |  |  |  |  |
| Balance of Payments <br> Overall Balance Current Account Balance Capital and Financial Account Balance Official Foreign Reserves Import Cover | $\begin{aligned} & \$ m \\ & \$ m \\ & \$ m \\ & \$ m \\ & \text { months } \end{aligned}$ | $\begin{array}{r} 5,466 \\ 16,939 \\ -11,828 \\ 297,445 \\ 8.1 \end{array}$ | 10,087 | -301 |  |  |  |
|  |  |  |  |  | 21,488 | 6,372 | 4,843 |
|  |  |  | 19,397 | 17,067 | 71,680 | 13,607 | 13,621 |
|  |  |  | -11,048 | -16,504 | -50,361 | -8,247 | -7,998 |
|  |  |  | 305,285 | 308,403 | 308,403 | 306,232 | 308,295 |
|  |  |  | 8.2 | 8.1 | 8.1 | 7.8 | 7.8 |

yoy\% : Year-on-year percentage change.
saaqoq\%: Seasonally adjusted annualised quarter-on-quarter percentage change.
saqoq\% : Seasonally adjusted quarter-on-quarter percentage change.
${ }^{1}$ Compared to the previous period.

MAI N I NDI CATORS OF THE SI NGAPORE ECONOMY (CONT’D)

|  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2nd Qtr | 3rd Qtr | 4th Qtr | Annual | 1st Qtr | 2nd Qtr |
| Manufacturing |  |  |  |  |  |  |  |
| Value Added at 2005 Prices | \$m | 19,770 | 21,114 | 20,311 | 81,236 | 19,888 | 20,658 |
|  | yoy\% | -5.9 | 13.7 | 9.2 | 7.6 | -0.8 | 4.5 |
|  | saaqoq\% | -19.5 | 11.0 | -11.1 | 7.6 | 20.8 | -0.5 |
| Index of Industrial Production | $2011=100$ | 99.3 | 99.4 | 99.9 | 100.0 | 100.4 | 103.8 |
|  | yoy\% | -3.8 | 8.9 | 9.3 | 7.8 | -0.8 | 4.5 |
|  | saqoq\% | -5.5 | -2.5 | 1.2 | 7.8 | 5.7 | 0.2 |
| Construction <br> Value Added at 2005 Prices |  |  |  |  |  |  |  |
|  | \$m | 2,726 | 2,808 | 2,903 | 11,206 | 2,960 | 2,869 |
|  | yoy\% | 1.1 | 2.4 | 2.9 | 2.6 | 6.9 | 5.3 |
|  | saaqoq\% | 9.5 | -4.0 | -2.2 | 2.6 | 27.9 | 0.9 |
| Contracts Awarded | \$m | 8,803 | 8,492 | 6,887 | 32,267 | 6,217 | 7,014 |
|  | yoy\% | 20.6 | 20.3 | -5.5 | 17.1 | -23.1 | -20.3 |
| Certified Payments | \$m | 6,639 | 6,964 | 7,433 | 27,688 | 7,118 | 7,029 |
|  | yoy\% | -3.0 | 3.5 | 8.4 | 0.9 | 7.0 | 5.9 |
| Wholesale and Retail Trade Value Added at 2005 Prices |  |  |  |  |  |  |  |
|  | \$m | 11,748 | 11,557 | 11,576 | 46,414 | 11,494 | 11,698 |
|  | yoy\% | 0.9 | -1.4 | 0.9 | 1.1 | -0.3 | -0.4 |
|  | saaqoq\% | 0.5 | -8.9 | 10.2 | 1.1 | -2.2 | -0.4 |
| Retail Sales at Constant Prices | $2010=100$ | 101.1 | 99.8 | 108.7 | 102.0 | 105.9 | 101.3 |
|  | yoy\% | 7.4 | 1.8 | 4.1 | 2.0 | 7.7 | 0.2 |
|  | saqoq\% | 6.0 | -1.3 | 1.7 | 2.0 | 1.2 | -1.3 |
| Transportation and Storage Value Added at 2005 Prices |  |  |  |  |  |  |  |
|  | \$m | 6,505 | 6,464 | 6,390 | 25,509 | 6,397 | 6,609 |
|  | yoy\% | 7.3 | 5.1 | 2.4 | 4.7 | 4.0 | 1.6 |
|  | saaqoq\% | 18.0 | -1.2 | -2.9 | 4.7 | 3.5 | 7.2 |
| Sea Cargo Handled | mil Tonnes | 140.2 | 133.9 | 129.7 | 531.2 | 134.4 | 136.4 |
|  | yoy\% | 10.6 | 7.4 | 1.6 | 5.5 | 5.6 | -2.7 |
| Total Container Throughput | thous TEUs | 7,515 | 7,675 | 7,680 | 29,938 | 7,537 | 8,103 |
|  | yoy\% | 5.3 | 6.9 | 6.9 | 5.3 | 6.6 | 7.8 |
| Air Cargo Handled | thous Tonnes | 466.9 | 468.7 | 491.0 | 1,868.2 | 444.9 | 455.7 |
|  | yoy\% | 3.6 | 1.0 | 4.1 | 2.9 | 0.7 | -2.4 |
| Accommodation and Food Value Added at 2005 Prices |  |  |  |  |  |  |  |
|  | \$m | 1,344 | 1,361 | 1,373 | 5,422 | 1,416 | 1,386 |
|  | yoy\% | 5.7 | 5.6 | 3.3 | 5.8 | 5.4 | 3.1 |
|  | saaqoq\% | 3.3 | 1.5 | -0.6 | 5.8 | 18.3 | -5.8 |
| Visitor ArrivalsHotel Occupancy Rate | thous | 3,237 | 3,486 | 3,330 | 13,171 | 3,576 | 3,519 |
|  | yoy\% | 14.1 | 14.7 | 8.4 | 13.1 | 14.7 | 8.7 |
|  | saqoq\% | 3.6 | 1.2 | -0.9 | 13.1 | 10.1 | na |
|  | \% | 86.3 | 88.4 | 87.2 | 86.5 | 86.5 | 85.9 |
| Information and CommunicationsValue Added at 2005 Prices |  |  |  |  |  |  |  |
|  | \$m | 2,559 | 2,544 | 2,529 | 10,178 | 2,582 | 2,593 |
|  | yoy\% | 1.7 | 0.9 | 0.7 | 1.5 | 1.4 | 1.3 |
|  | saaqoq\% | 0.9 | -0.2 | -0.2 | 1.5 | 5.4 | 0.4 |
| Mobile Subscribers | thous | 7,537 | 7,668 | 7,755 | 7,755 | 7,794 | 7,846 |
|  | yoy\% | 7.4 | 6.8 | 6.4 | 6.4 | 5.5 | 4.1 |
| International Telephone Call | million | 3,010 | 3,070 | 3,127 | 12,287 | 3,317 | 3,263 |
| Minutes | yoy\% | -2.1 | -5.5 | -2.5 | -1.2 | 7.7 | 8.4 |

yoy\% : Year-on-year percentage change.
saaqoq\%: Seasonally adjusted annualised quarter-on-quarter percentage change.
saqoq\% : Seasonally adjusted quarter-on-quarter percentage change.

MAI N I NDI CATORS OF THE SI NGAPORE ECONOMY (CONT'D)

|  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2nd Qtr | 3rd Qtr | 4th Qtr | Annual | 1st Qtr | 2nd Qtr |
| Finance and Insurance |  |  |  |  |  |  |  |
| Value Added at 2005 Prices | \$m | 9,219 | 9,394 | 9,289 | 37,038 | 9,182 | 9,230 |
|  | yoy\% | 9.6 | 11.6 | 3.5 | 9.1 | 0.5 | 0.1 |
|  | saaqoq\% | 3.7 | 7.8 | -4.4 | 9.1 | -4.5 | 2.1 |
| Loans and Advances to Non-Bank | \$m | 374,320 | 405,437 | 420,456 | 420,456 | 432,608 | 452,568 |
| Customers | yoy\% | 26.2 | 31.1 | 30.3 | 30.3 | 26.0 | 20.9 |
| Prime Lending Rate | \% per annum | 5.38 | 5.38 | 5.38 | 5.38 | 5.38 | 5.38 |
| Exchange Rate (Average) | Per US\$ | 1.2400 | 1.2255 | 1.2881 | 1.2579 | 1.2642 | 1.2641 |
| Straits Time Index | ST Index | 3,120 | 2,675 | 2,646 | 2,646 | 3,010 | 2,878 |
| Business Services |  |  |  |  |  |  |  |
| Value Added at 2005 prices | \$m | 7,924 | 7,972 | 8,065 | 31,875 | 8,173 | 8,165 |
|  | yoy\% | 2.3 | 1.9 | 1.9 | 2.7 | 3.3 | 3.0 |
|  | saaqoq\% | -2.4 | 1.5 | 2.4 | 2.7 | 11.8 | -3.0 |
| Property Price Indices |  |  |  |  |  |  |  |
| Private Residential | 1998 Q4=100 | 203.0 | 205.7 | 206.2 | 206.2 | 206.0 | 206.9 |
|  | yoy\% | 10.2 | 8.5 | 5.9 | 5.9 | 3.5 | 1.9 |
|  | qoq\% | 2.0 | 1.3 | 0.2 | 5.9 | -0.1 | 0.4 |
| Office Space | 1998 Q4=100 | 118.9 | 123.3 | 124.5 | 124.5 | 124.5 | 123.4 |
|  | yoy\% | 21.3 | 18.4 | 13.8 | 13.8 | 8.4 | 3.8 |
|  | qoq\% | 3.6 | 3.7 | 1.0 | 13.8 | 0.0 | -0.9 |
| Shop Space | 1998 Q4=100 | 116.6 | 120.6 | 120.8 | 120.8 | 121.1 | 122.0 |
|  | yoy\% | 4.4 | 6.6 | 5.3 | 5.3 | 5.0 | 4.6 |
|  | qoq\% | 1.1 | 3.4 | 0.2 | 5.3 | 0.2 | 0.7 |
| Factory Space | 1998 Q4=100 | 130.6 | 139.3 | 144.6 | 144.6 | 155.0 | 167.9 |
|  | yoy\% | 32.7 | 30.1 | 27.1 | 27.1 | 25.4 | 28.6 |
|  | qoq\% | 5.7 | 6.7 | 3.8 | 27.1 | 7.2 | 8.3 |
| Economic Outlook |  |  |  |  |  |  |  |
| Composite Leading Index | $2005=100$ | 119.5 | 116.2 | 117.6 | na | 121.0 | 118.5 |
|  | saqoq\% | 0.3 | -2.8 | 1.2 | na | 2.9 | -2.1 |
| General Business Expectations ${ }^{2}$ |  |  |  |  |  |  |  |
| Manufacturing |  | +12 | -10 | -11 | na | +15 | +1 |
| Wholesale \& Retail Trade |  | +25 | +3 | -20 | na | +13 | +5 |
| Transport \& Storage |  | +15 | -14 | -14 | na | -6 | +4 |
| Accommodation \& Food Services |  | +45 | +34 | -28 | na | +9 | +37 |
| Information \& Communications |  | +23 | +4 | -16 | na | +16 | +10 |
| Financial \& Insurance |  | +20 | -36 | -52 | na | +6 | -16 |
| Real Estate |  | 0 | -35 | -60 | na | -23 | -8 |
| Business Services (excl Real Estate) |  | +10 | -5 | -15 | na | +2 | +4 |
| Recreation, Community \& |  | +24 | +7 | +9 | na | +26 | +12 |

yoy\% : Year-on-year percentage change.
saaqoq\%: Seasonally adjusted annualised quarter-on-quarter percentage change.
saqoq\% : Seasonally adjusted quarter-on-quarter percentage change.
${ }^{2}$ Figures refer to the net balance of firms in percentage terms. A plus sign indicates a positive balance or net upward trend and a minus sign denotes a negative or net down trend for the next six months.

## CHAPTER 1

## THE SI NGAPORE ECONOMY

## OVERVI EW

In the second quarter of 2012,

- The economy grew by 2.0 per cent compared to the same period in 2011.
- Growth was mainly supported by the manufacturing, business services and construction sectors.
- Employment grew by 29,200.
- The consumer price index increased by 5.3 per cent compared to a year ago.


## OVERALL PERFORMANCE

- The economy grew by 2.0 per cent in the second quarter of 2012, up from the 1.5 per cent growth in the preceding quarter. On a quarter-on-quarter seasonallyadjusted annualised basis, the economy contracted marginally by 0.7 per cent, reversing the 9.5 per cent gain in the previous quarter.
- With the exception of the wholesale and retail trade sector, all major sectors grew compared to a year ago. The construction and manufacturing sectors rose by 5.3 per cent and 4.5 per cent respectively, while the accommodation \& food services and business services sectors posted modest gains of 3.1 per cent and 3.0 per cent respectively. The wholesale and retail trade sector declined for the second consecutive quarter by a marginal 0.4 per cent, due to weaker external demand.
- The manufacturing sector was the largest driver of growth, accounting for 1.2 percentage-points of overall GDP growth. This was followed by the business services and construction sectors which added 0.3 and 0.2 percentage-points to growth respectively. Together, these three sectors accounted for more than fourfifth of overall economic growth in the second quarter.

Exhibit 1.1: GDP and Sectoral Growth Rates in 2Q 2012


Exhibit 1.2: Percentage-Point Contribution to Growth in Real GDP in 2Q 2012 (By I ndustry)


## SOURCES OF GROWTH

- Total demand increased by 2.7 per cent in the second quarter, moderating from the 3.7 per cent gain in the preceding quarter.
- External demand grew by 2.3 per cent, similar to the 2.2 per cent in the previous quarter. Domestic demand also rose by 4.0 per cent following the 8.5 per cent increase in the preceding quarter.
- The expansion in domestic demand was contributed by increases in both gross fixed capital formation and consumption expenditure. Gross fixed capital formation grew by 1.8 per cent, mainly due to an increase in private investment in the machinery, equipment and software and non-residential building segments.
- Consumption expenditure grew by 1.4 per cent, as the 1.8 per cent gain in private consumption more than offset the 0.9 per cent decline in government consumption.
- Inventories also increased, contributing 0.6 percentage-points to total demand growth.


## LABOUR MARKET

## Employment

- Total employment grew by 29,200 in the second quarter of 2012. The increase was higher than the 24,800 recorded in the second quarter of 2011, and the 27,200 in the first quarter of 2012.
- The construction and manufacturing sectors registered employment gains of 9,500 and 4,500 respectively, higher than in recent quarters. By contrast, growth in services employment eased to 15,500 , although it still accounted for the majority of employment gains in the second quarter of 2012.

Exhibit 1.3: Changes in Total Demand ${ }^{1}$

|  | $\mathbf{2 0 1 1}$ |  |  | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 2}$ |
| :--- | ---: | :---: | :---: | :---: | :---: |
|  | II | III | IV | I | II |
| Total Demand | 1.9 | 2.5 | 1.8 | 3.7 | $\mathbf{2 . 7}$ |
| External <br> Demand | 1.1 | 0.8 | 0.9 | 2.2 | $\mathbf{2 . 3}$ |
| Total Domestic <br> Demand | 4.9 | 8.5 | 4.9 | 8.5 | $\mathbf{4 . 0}$ |
| Consumption <br> Expenditure | 5.4 | 4.9 | 0.2 | 2.2 | $\mathbf{1 . 4}$ |
| Public | 4.7 | 1.3 | -5.8 | -4.0 | $-\mathbf{0 . 9}$ |
| Private | 5.5 | 5.9 | 1.9 | 4.7 | $\mathbf{1 . 8}$ |
| Gross Fixed <br> Capital <br> Formation | 8.6 | 8.0 | -0.2 | 17.0 | $\mathbf{1 . 8}$ |
| Changes in <br> Inventories | -0.9 | 1.4 | 3.2 | 1.0 | $\mathbf{1 . 8}$ |

${ }^{1}$ For inventories, this refers instead to change as a percentage of GDP in the previous year.

Exhibit 1.4: Percentage-Point Contribution to Total Demand Growth


Exhibit 1.5: Change in Total Employment


## Unemployment

- The seasonally adjusted overall unemployment rate decreased from 2.1 per cent in March 2012 to 2.0 per cent in June 2012. Similarly, the unemployment rate for residents declined over the same period, from 3.0 per cent to 2.8 per cent, while that for citizens fell from 3.2 per cent to 2.9 per cent.
- An estimated 77,700 residents, including 68,800 citizens, were unemployed in June 2012. The seasonally adjusted figures were 59,300 for residents and 52,700 for citizens.


## COMPETITI VENESS

## Productivity

- Labour productivity fell by 1.9 per cent in the second quarter of 2012, extending the decline of 2.3 per cent seen in the first quarter.
- Manufacturing was the only sector to register productivity gains ( 3.0 per cent). The sectors with the sharpest decline in productivity were finance and insurance (-4.1 per cent), other services (-3.6 per cent), and wholesale and retail (-3.4 per cent).


## Unit Labour Cost and Unit

 Business Cost- Overall unit labour costs (ULC) for the whole economy rose by 5.4 per cent in the second quarter, up from the 4.1 per cent growth in the previous quarter.
- In contrast, manufacturing ULC grew marginally by 0.3 per cent, moderating from the 4.7 per cent increase in the previous quarter.

Exhibit 1.6: Seasonally Adjusted Overall, Resident and Citizen Unemployment Rates


Exhibit 1.7: Changes in Labour Productivity for the Overall Economy and Sectors in 2Q 2012


Exhibit 1.8: Change in Unit Labour Cost


- Unit business costs (UBC) in the manufacturing sector increased by 3.7 per cent, following the 5.4 per cent gain in the previous quarter.
- The slower rise in manufacturing UBC was mainly due to smaller increases in ULC and services costs.


## I nvestment Commitments

- Investment commitments in terms of total fixed asset investments (FAI) and total business spending less depreciation (TBS) amounted to $\$ 4.6$ billion and $\$ 2.1$ billion respectively in the second quarter.
- The electronics cluster attracted the most FAI (\$2.8 billion), mainly in the semiconductors segment. This was followed by the chemicals cluster, which attracted $\$ 0.9$ billion in FAI.
- In terms of TBS, the electronics cluster attracted the largest amount of commitments at $\$ 777$ million. This was followed by the transport engineering cluster, which secured $\$ 343$ million of commitments.
- The US was the biggest foreign contributor for both FAI and TBS, accounting for 43 per cent of total FAI and 34 per cent of total TBS.
- When fully realised, these commitments are expected to generate value-added of $\$ 10.3$ billion and about 5,800 skilled jobs.

Exhibit 1.9: Percentage-Point Contribution to Change in Unit Business Costs for Manufacturing


Exhibit 1.10: Fixed Asset I nvestments by I ndustry Cluster in 2Q 2012


Exhibit 1.11: Total Business Spending Less Depreciation by I ndustry Cluster in 2Q 2012


## PRICES

## Consumer Price Index

- Compared to the same period in 2011, the consumer price index (CPI) increased by 5.3 per cent in the second quarter of 2012, up from 4.9 per cent in the preceding quarter. On a quarter-onquarter seasonally adjusted basis, the CPI rose by 1.1 per cent, compared to the 1.4 per cent increase in the previous quarter.
- Housing costs, which remained the largest contributor to CPI inflation, increased by 9.7 per cent on a year-onyear basis, largely due to rising cost of accommodation and electricity tariffs.
- Transport costs rose by 8.5 per cent, driven by higher prices of cars, taxi fares as well petrol.
- Food prices increased by 2.4 per cent, on account of costlier prepared meals, seafood, dairy products \& eggs, as well as rice \& other cereals.
- Education \& stationery costs rose by 3.6 per cent, due to higher fees at childcare centres, commercial institutions, kindergartens, playgroups and universities
- The cost of healthcare went up by 4.4 per cent, as a result of higher medical treatment fees and proprietary medicines.
- The overall cost of the "Recreation \& others" category went up by 1.5 per cent, due to higher salaries for foreign maids, as well as increases in holiday travel cost.

Exhibit 1.12: Changes in CPI


Exhibit 1.13: Percentage-Point Contribution to Change in Overall CPI in 2Q 2012


## EXTERNAL BALANCE

## Trade

- Total trade in nominal terms expanded by 2.9 per cent in the second quarter on a year-on-year basis, slower than the 7.5 per cent gain in the preceding quarter. In volume terms, total trade rose by 3.5 per cent, following the 4.4 per cent increase in the previous quarter.
- Total exports grew by 1.4 per cent in nominal terms after the 4.8 per cent increase in the previous quarter. While domestic exports expanded by 6.1 per cent, re-exports declined by 4.1 per cent.
- Within domestic exports, both oil and non-oil exports grew. Domestic exports of oil rose by 9.9 per cent, while domestic exports of non-oil products expanded by 3.9 per cent.
- Total imports increased by 4.6 per cent, led by a 5.3 per cent rise in oil imports. Non-oil imports grew by 4.2 per cent due to an increase in both electronic and nonelectronic imports, by 4.0 per cent and 4.4 per cent respectively.


## Balance of Payments

- The overall balance of payments recorded a surplus of $\$ 4.8$ billion in the second quarter of 2012, following a surplus of $\$ 6.4$ billion in the preceding quarter.
- The current account surplus increased marginally, while the deficit in the capital and financial account narrowed. ${ }^{1}$


## Current Account

- The current account surplus rose slightly by $\$ 15$ million, as a smaller deficit in the secondary income account offset the decline in the services account surplus.
- The secondary income deficit narrowed to $\$ 2.2$ billion from $\$ 2.3$ billion in the previous quarter, as net payments by both the general government and other sectors fell.

Exhibit 1.14: Growth Rates of Total Trade, Exports and I mports (In Nominal Terms)

|  | $\mathbf{2 0 1 1}$ |  |  |  | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 2}$ |
| :--- | ---: | :---: | ---: | ---: | ---: | :---: |
|  | II | III | IV | Ann | I | II |
| Total Trade | 7.5 | 5.4 | 7.7 | 8.0 | 7.5 | 2.9 |
| Exports | 6.7 | 4.7 | 5.8 | 7.5 | 4.8 | 1.4 |
| Domestic <br> Exports | 10.5 | 14.5 | 9.0 | 13.2 | 10.0 | 6.1 |
| Oil | 29.1 | 53.8 | 36.9 | 38.6 | 17.4 | 9.9 |
| Non-Oil | 1.9 | -1.2 | -2.7 | 2.2 | 6.1 | 3.9 |
| Re-Exports | 2.6 | -5.7 | 2.2 | 1.4 | -1.3 | -4.1 |
| Imports | 8.4 | 6.2 | 9.9 | 8.6 | 10.5 | 4.6 |
| Oil | 27.2 | 30.5 | 31.6 | 29.7 | 16.5 | 5.3 |
| Non-Oil | 1.0 | -2.6 | 2.1 | 0.7 | 7.5 | 4.2 |

Exhibit 1.15: Balance of Payments


[^0]- In comparison, the services surplus fell to $\$ 0.9$ billion from $\$ 1.0$ billion. Increases in net payments for travel and use of intellectual property more than offset the gain in net receipts from financial and maintenance and repair services.
- The surplus in the goods account remained at $\$ 18$ billion, as both exports and imports fell in tandem. The primary income balance was also stable.


## Capital and Financial Account

- The deficit in the capital and financial account declined to $\$ 8.0$ billion in the second quarter of 2012 , from $\$ 8.2$ billion in the preceding quarter. This reflected a fall in the net outflow of portfolio investment from deposit-taking corporations, which exceeded the decline in net inflow of foreign direct investment and an increase in net outflow of "other investment".
- The fall in net inflow of direct investment was largely due to a decline in foreign investment into Singapore and, to a lesser extent, an increase in residents' direct investment overseas.
- Meanwhile, the increase in net outflow of "other investment" reflected rising net outflows from the non-bank private sectors, even though there was a reversal to net inflows in the domestic banking (or deposit-taking corporate) sector.

CHAPTER 2

## PERFORMANCE OF SELECTED SECTORS

## OVERVI EW

- The manufacturing sector expanded in the second quarter of 2012, driven by strong growth in the biomedical manufacturing and transport engineering clusters, which helped to offset the decline in the electronics and chemicals clusters.
- Wholesale and retail trade contracted in the second quarter in tandem with continued weakness in external trade.
- Growth of the transportation and storage sector moderated in the second quarter of 2012 due to slower sea cargo growth.
- Growth of the finance and insurance sector remained lacklustre in the second quarter, due to continued weakness in the sentiment-sensitive (e.g. stock broking) segment and moderation in domestic and offshore lending.


## MANUFACTURI NG

- The manufacturing sector grew by 4.5 per cent in the second quarter, reversing the 0.8 per cent contraction in the previous quarter.
- The biomedical manufacturing cluster expanded by 25 per cent, driven primarily by the pharmaceuticals segment which surged by 30 per cent. The medical technology segment also grew by a healthy 6.2 per cent, supported by higher export demand for medical devices.
- The transport engineering cluster expanded by 24 per cent, with all segments recording higher output. In particular, the marine \& offshore engineering segment grew by 29 per cent, due to increased rig building and ship building activities.
- The general manufacturing cluster rose by 2.0 per cent, supported by the food, beverages \& tobacco and miscellaneous industries segments which expanded by 5.1 and 4.7 per cent respectively.
- The electronics cluster contracted by 8.7 per cent, led primarily by a 15 per cent decline in the semiconductors segment. On the other hand, the data storage segment expanded by 22 per cent as hard disk drive supply chains recovered from the disruptions caused by the floods in Thailand.

Exhibit 2.1: Manufacturing Growth Rates


Exhibit 2.2: Percentage-Point Contribution to Manufacturing Sector's Growth in 2Q 2012


- The chemicals cluster shrank by 3.0 per cent. The decline was led by the specialty chemicals and other chemicals segments, which contracted by 8.0 per cent and 8.8 per cent respectively due to weak regional demand.
- The precision engineering cluster declined by 0.9 per cent. Both the machinery \& systems and precision modules \& components segments shrank by 1.1 per cent and 0.6 per cent respectively.


## WHOLESALE AND RETAI L TRADE

- The wholesale and retail trade sector contracted by 0.4 per cent in the second quarter, further extending the 0.3 per cent decline in the previous quarter. The decline came primarily on the back of weaker global trade flows, as well as a slowdown in retail sales.
- Growth of Singapore's non-oil domestic exports (NODX) moderated to 4.5 per cent in the second quarter from 7.2 per cent in the preceding quarter. Likewise, the growth of non-oil re-exports (NORX) eased slightly to 2.1 per cent, from 2.2 per cent in the previous period.
- Retail sales volume grew by 0.2 per cent in the second quarter, far slower than the 7.7 per cent growth in the first quarter. Excluding motor vehicle sales, the growth in retail sales volume was 1.4 per cent, lower than the 3.6 per cent increase in the first quarter.
- Telecommunications and computers posted the fastest growth ( 13 per cent), followed by medical goods and toiletries (11 per cent). By contrast, the sales volume fell in retail segments such as watches and jewellery ( -6.6 per cent), optical goods and books (-5.1 per cent), and motor vehicles ( -3.7 per cent).

Exhibit 2.3: Changes in Wholesale and Retail Trade VA, Real NODX and Real NORX


Exhibit 2.4: Changes in Retail Sales I ndex at Constant Prices


## TRANSPORT AND STORAGE

- Growth of the transportation and storage sector moderated from 4.0 per cent in the first quarter of 2012 to 1.6 per cent in the second quarter.
- The slowdown was primarily due to the sea transport segment, as total sea cargo handled declined by 2.7 per cent in the second quarter.
- Within the air transport segment, continued weakness in air cargo throughput weighed on the segment's growth. On the other hand, air passenger traffic, which expanded by 10 per cent on the back of resilient intra-Asia travel demand, provided some support to growth.

Exhibit 2.5: Changes in Sea Cargo, Air Passenger and Air Cargo Handled


## FI NANCE AND INSURANCE

- The finance and insurance sector grew by 0.1 per cent in the second quarter, slower than the 0.5 per cent in the preceding quarter.
- The weak performance was due primarily to the sentiment-sensitive cluster, as investors remained jittery over poor economic data pointing to a synchronised slowdown in major economies. Specifically, trading in the domestic bourse was dominated by penny stocks, while average daily turnover values contracted 23 per cent, the third consecutive quarter of decline. Correspondingly, the Straits Times Index (STI) remained below the 3,000 benchmark at the end of the second quarter. In addition, forex trading volumes declined by 2.8 per cent after posting flat growth in the quarter before.
- The financial intermediation cluster also moderated on slower lending activity in both the domestic and offshore segments. Notably, while DBU and ACU non-bank segments posted double-digit gains of 21 per cent and 10 per cent respectively in the second quarter, the pace of expansion was slower than the previous quarters. Loans extended to firms in Singapore grew by 25 per cent, lower than the 33 per cent increase in the first quarter. This was also the slowest expansion in five quarters as the deterioration in sentiments took a toll on business confidence. Regional non-bank lending also softened in the second quarter, growing by 29 per cent, compared to the 35 per cent rise recorded in the previous quarter.

Exhibit 2.6: Growth of Bank Loans and Advances to Non-Bank Customers by Industry in 2Q 2012


CHAPTER 3

## ECONOMI C OUTLOOK

## LEADI NG I NDI CATORS

- In the second quarter of 2012, the composite leading index (CLI) declined by 2.1 per cent on a quarter-on-quarter basis, reversing the increase of 2.9 per cent in the preceding quarter.
- Of the nine components within the CLI, six components decreased, namely, wholesale trade, stock of finished goods, stock price, money supply, non-oil retained imports and US Purchasing Managers' Index.
- The only indicator that increased was non-oil sea cargo handled. The remaining two indicators, new companies formed and domestic liquidity, stayed flat in the second quarter of 2012.

Exhibit 3.1: Composite Leading I ndex Levels and Growth Rate


## CONCLUSION

Singapore's growth momentum moderated in the second quarter of 2012 amidst weakening global macroeconomic conditions. On a quarter-on-quarter seasonally-adjusted annualised basis, the economy contracted by 0.7 per cent, reversing the 9.5 per cent growth in the previous quarter. This was largely due to the quarter-on-quarter decline in externally-oriented sectors, notably electronics manufacturing, wholesale trade and tourism-related services. Although the economy continued to grow on a year-onyear basis, the gain was modest, at 2.0 per cent.

The near-term macroeconomic outlook remains subdued. Growth in the advanced economies is expected to remain sub-par for the rest of 2012, as sluggish labour market conditions continue to weigh on consumer spending, while ongoing sovereign debt concerns dampen business sentiments and investments. Although domestic demand in emerging Asia is expected to be held up by accommodative policies, it will not fully offset the weakness in external demand.

Given the challenging external environment, growth in the Singapore economy is expected to remain weak in the second half of 2012. Externally-oriented sectors will be affected by the slowdown in advanced economies. Continued economic and financial market uncertainties will curtail growth in sentiment-sensitive segments within the financial and insurance sector. Nonetheless, healthy expansion in the transport engineering cluster and construction sector will provide some modest support to growth. Barring unforeseen shocks to the global economy, the Singapore economy is expected to grow by between $\mathbf{1 . 5}$ to $\mathbf{2 . 5}$ per cent in 2012.

## FEATURE ARTI CLE

CASH VERSUS CPF? UNDERSTANDI NG THE PREFERENCES OF LOW-I NCOME RESI DENTS THROUGH A FI ELD EXPERI MENT

# CASH VERSUS CPF? UNDERSTANDI NG THE PREFERENCES OF LOW-I NCOME RESI DENTS THROUGH A FI ELD EXPERI MENT 

## EXECUTIVE SUMMARY

- This article presents results from a field experiment which studied low-income residents' preferences for cash and CPF.
- Our results suggest that the preferences of low-income residents regarding cash and CPF are very heterogeneous. Nearly half of our sample of low-income residents (48 per cent) expressed a strong preference to have part of their incomes saved in CPF accounts, citing the need to commit themselves to save for their future needs.
- On the other hand, a minority (14 per cent) valued the liquidity that cash offers, and expressed preference for job packages that paid exclusively cash.
- Our results suggest that the current system of paying some of workers' incomes into CPF is suitable for most low-income residents.

The views expressed in this paper are solely those of the authors and do not necessarily reflect those of the Ministry of Trade and Industry, the Ministry of Manpower or the Government of Singapore.

## I NTRODUCTI ON

The Central Provident Fund (CPF) is a key institution in Singapore, where workers and employers contribute towards savings accounts that provide for the housing, healthcare and retirement needs of workers. The Workfare Income Supplement (WIS) scheme, instituted in 2007, is a major pillar of Singapore's social security system. WIS aims to support low-wage workers (LWWs) by topping up their incomes and CPF savings, while preserving work incentives. WIS payments are currently weighted towards CPF - roughly 71 per cent of employees' WIS is paid into CPF, while 100 per cent of selfemployed persons' WIS is paid into Medisave.

Several commentators and members of the public have argued that WIS payments should include a larger cash component, because (a) LWWs might be more exposed than the average worker to negative economic shocks; (b) LWWs may have limited access to the formal credit market and may thus be liquidity constrained; and (c) cash payments are more salient than CPF payments and may thus encourage a greater increase in labour supply among economically inactive residents and employed LWWs. ${ }^{1}$

This study examines the preferences of low-income residents (LIRs) between Cash and CPF, and has two aims. First, our results shed light on whether current WIS payments are too strongly weighted in CPF. Second, our findings help policymakers understand how different groups of low-income residents view the cash-CPF trade-off, which may help in the upcoming review of income supplementation schemes and CPF contribution rates for LIRs.

[^1]
## RELATED LITERATURE

Our study is closely related to a large academic literature in economics that tries to estimate how individuals choose between present and future rewards. We highlight three main takeaways from this literature.

First, previous research has found that the extent to which individuals value the future in place of the present may vary significantly with social and demographic characteristics. For example, Harrison, Lau and Williams (2002) found that rich Danes had lower discount rates (i.e. they valued present rewards less) while retired and credit-unworthy Danes had higher discount rates (i.e. they placed more weight on present rewards). The authors also found that an individual household's discount rate was relatively constant over time.

Second, people value financial commitment devices. In Beshears et al (2011), people were given money and asked to allocate it between a liquid account, which permitted withdrawal at any time during an experiment that lasted several months, and one or more commitment accounts, which penalised or restricted withdrawals. The researchers found that nearly half the money was placed in the commitment account when liquid and commitment accounts earned the same interest, and almost 25 per cent of the money was placed in the commitment account even when it earned less interest. Moreover, more binding commitment accounts (e.g. those with greater withdrawal penalties) had more money placed in them than less binding commitment accounts.

Third, financial commitment devices can impact long-run savings behaviour. Ashraf, Karlan and Yin (2006) report evidence from an experiment in which people were randomly selected and encouraged to take up a commitment savings product that restricted their access to their savings. They found that opening a commitment savings account helped people achieve a lasting increase in savings which persisted even after the commitment period.

Choice experiments are often used by researchers to understand how individuals trade off immediate and delayed rewards. In a typical choice experiment, individuals are presented two hypothetical options - with one option more weighted towards immediate gratification than the other (Frederick, Loewenstein and O'Donoghue, 2002). Our study adopts this methodology to understand how low-wage workers trade off cash and CPF payments.

## SURVEY METHODOLOGY

We worked together with a commercial survey company to conduct a pilot survey of 100 households and a full survey of 1,000 households. Surveys were carried out through door-to-door interviews and at randomly selected housing estates across the island. Respondents were required to be (a) Singaporean / PR; (b) living in 1-room, 2-room or 3-room HDB flats; (c) either unemployed, economically inactive or earning less than $\$ 2,200$; and (d) at least 25 years old. Respondents were given a small token of appreciation upon successfully completing the survey.

To determine LIRs' preferences between CPF and cash, we adopted a similar approach to Frederick, Loewenstein and O'Donoghue (2002). Respondents were presented with 10 scenarios and asked in each case to choose between Packages A and B. Package A (the immediate gratification package) always paid a fixed amount in cash, while Package B (the delayed reward package) contained a combination of cash and CPF. Exhibit 1 shows the list of scenarios presented to the respondent.

The survey was designed with the intention to elicit realistic responses by approximating the wages that respondents could plausibly expect to receive. For example, we avoided unrealistically large pay packages (e.g. $\$ 3,000$ CPF vs $\$ 1,000$ cash) since our target respondents were LIRs. The survey design also asked that respondents considered the wage package in totality, rather than just the WIS component. This is to reflect the fact that WIS is really a part of total wage package, rather than a "windfall" that the Government provides. To encourage the respondent to consider each scenario independently, each scenario was presented individually via a flash card. Moreover, the total value of each package was made clear to the recipient.

Exhibit 1: Main Question in the Survey Regarding the Choice between Cash and CPF
[INSTRUCTION] 10 scenarios will be shown individually using flash cards. Please choose either Package A or Package B.
[SHOW CARDS] Interviewer will show a set of 10 cards to the interviewee with two different job packages on each card and record down the responses.
[ONLY FOR THOSE EARNI NG \$1,000-\$2,200]

| No. | Package A | Package B |  |  | Circle Choice |  |
| :---: | :---: | ---: | ---: | :---: | :---: | :---: |
|  | Cash (\$) | Cash (\$) | CPF (\$) | Total (\$) | Package |  |
| 1 | 1,200 | 840 | 280 | 1,120 | A | B |
| 2 | 1,200 | 1,120 | 160 | 1,280 | A | B |
| 3 | 1,200 | 1,160 | 240 | 1,400 | A | B |
| 4 | 1,200 | 1,160 | 120 | 1,280 | A | B |
| 5 | 1,200 | 1,200 | 40 | 1,240 | A | B |
| 6 | 1,200 | 1,040 | 160 | 1,200 | A | B |
| 7 | 1,200 | 1,080 | 80 | 1,160 | A | B |
| 8 | 1,200 | 1,120 | 120 | 1,240 | A | B |
| 9 | 1,200 | 920 | 240 | 1,160 | A | B |
| 10 | 1,200 | 1,040 | 200 | 1,240 | A | B |

Note: Respondents earning less than $\$ 1,000$ or unemployed respondents were shown a table with values which were half of those in the table above. This was to ensure that the amounts being presented to them were closer to their income and thus perceived to be more realistic.

By varying the amounts of cash and CPF in Package B, a respondent in each scenario would have a different implied discount rate $\beta$. For instance, a respondent who selected Package B in scenario 10 is indicating that she valued the combination of $\$ 1,040$ Cash, $\$ 200$ CPF over $\$ 1,200$ Cash. This implies that, in her eyes, $\$ 1$ in CPF is worth at least $\$ 0.80$ in Cash. (The calculation of $\beta$ is given below.) The scenarios were designed such that $\beta$ varied between 0 and 1.5.

$$
\begin{gathered}
\$ 1,040 \text { Cash }+\beta \$ 200 \text { CPF }>\$ 1,200 \text { Cash } \\
\beta \$ 200 \mathrm{CPF}>\$ 160 \text { Cash } \\
\beta>0.8
\end{gathered}
$$

(ie. $\$ 1 \mathrm{CPF}$ is worth at least $\$ 0.80$ Cash)

We also asked respondents questions related to the following:
a. Knowledge of CPF. Respondents were asked about the allowed uses of CPF monies, whether CPF monies could be inherited and whether they knew their account balance.
b. Time preference. Respondents were asked whether they would prefer to receive $\$ 1,200$ in cash today or a larger amount of cash one year later.
c. Employment outcomes. Respondents were asked about their employment status and non-labour income, and how many employers they had in the past two years (a measure of job churn). Unemployed or economically inactive respondents were also asked the wage at which they would be prepared to take up a job, a measure of their reservation wage.
d. Socio-demographic characteristics. Respondents were asked about their education, marital status, home ownership, household income, household expenditure and savings profile.

## PROFI LE OF RESPONDENTS

Below, we summarise the demographic characteristics of the 1,000 people surveyed:
a. Citizenship, gender, race and age. Most respondents (86 per cent) were Singaporeans, and more than half ( 60 per cent) were women. Ethnic minorities were oversampled (19 per cent Malays, 10 per cent Indians) as is the typical procedure with surveys of a small sample size. Respondents were also relatively old - the median age group was $50-54$ years.
b. Education, marital status, housing type and home ownership. Respondents generally had a low level of education. The median level of education was Lower Secondary, and only 8 per cent had a university degree. Most respondents were married (70 per cent) and lived in 3-room flats ( 85 per cent), and a majority ( 62 per cent) owned their homes.
c. Employment status, income and job churn. More than half the respondents were either employed (52 per cent) or self-employed (5 per cent), while the remainder was either unemployed ( 13 per cent) or not looking for a job ( 30 per cent). Of the respondents who were working, the majority ( 64 per cent) earned $\$ 1,000-\$ 2,200$ while the remainder earned less than $\$ 1,000.12$ per cent of respondents had changed their employer twice or more in the past two years.
d. Knowledge about CPF and use of CPF monies. Respondents generally had good knowledge of the uses of CPF monies. Nearly all respondents knew that CPF could be used to pay housing mortgages ( 98 per cent) and medical bills (95 per cent), and most knew that CPF monies could be bequeathed ( 92 per cent). On the other hand, less than half ( 46 per cent) knew that CPF funds could be used to pay local university and polytechnic tuition fees. In spite of good knowledge about CPF, reported usage of CPF monies was generally low - few respondents reported using their CPF to pay their mortgages (15 per cent) or medical bills (14 per cent) over the past six months.

## RESULTS

Our field experiment had two key findings. First, responses to both packages were polarised (see Exhibit 2). However, almost half the respondents (48 per cent) always preferred the cash-CPF combination (Package B) to the pure cash package (Package A), even for those scenarios where the total dollar value of Package B was less than that of Package A.

At the other extreme, 15 per cent of respondents always preferred the pure cash package (Package A) to the cash-CPF combination (Package B) even when the total dollar value of Package $A$ was less than that of Package B . The remaining 38 per cent preferred the cash-CPF combination (Package B) in some scenarios and preferred the pure cash package (Package A) in other scenarios. This group did not display very strong preferences towards either cash or CPF.

Exhibit 2: Summary of Respondents' Choices

| Choice | Share of Respondents (\%) |
| :--- | :---: |
| Always chose the cash-CPF combination (Package B) | 47.8 |
| Always chose the pure cash combination (Package A) | 14.0 |
| Chose a mix of packages | 38.2 |

To better understand the characteristics of respondents who always chose either Package B (the 'always CPF'group) or Package A (the 'always cash'group), we ran two sets of probit regressions to investigate which characteristics affect the probability of being in either group. ${ }^{2}$ Exhibit 3 summarises the results from the two sets of regressions. We found evidence of the following:
a. Women were more likely than men to always prefer the cash-CPF combination. This could be because women can expect to live longer and thus need to save more for their retirement, or because women have stronger demand for financial commitment devices, as other authors, such as Ashraf, Karlan and Yin (2006), found. We found no evidence that men and women had different future discount rates ${ }^{3}$.
b. Conversely, we found that self-employed respondents and respondents who had diplomas or university degrees were significantly less likely to display strong preferences for CPF.
i. Self-employed respondents may value cash more because their incomes are more volatile, and they need liquidity to tide over income shocks. The need for liquidity was a strong motivator for respondents to choose cash over CPF: nearly 61 per cent of the respondents who always selected the pure cash package (Package A) indicated that they preferred to have cash in case they suddenly needed the money in the future.
ii. Diploma and degree holders may have weaker preferences for CPF because they believe they have better outside investment opportunities.
c. Home owners were less likely to always select the pure cash package (Package A), possibly because Singaporean home owners often service their housing mortgages through their CPF accounts.
d. People who agreed that CPF helps them commit to saving for retirement were less likely to always select the pure cash package (Package A) and more likely to always select the cash-CPF combination (Package B).

[^2]Exhibit 3: Probit Regression on whether Individual is in ‘Always CPF’ or ‘Always Cash' Group

| Individual Characteristics | $\begin{array}{c}\text { Dependent variable: } 1 \text { if } \\ \text { respondent always chooses } \\ \text { Package B } \\ \text { 'Always CPF' }\end{array}$ | $\begin{array}{c}\text { Dependent variable: } 1 \text { if } \\ \text { respondent always chooses } \\ \text { Package A }\end{array}$ |
| :--- | :---: | :---: |
|  |  |  |$\}$

*Significant at 10\% level, **Significant at 5\% level, ${ }^{* * * S i g n i f i c a n t ~ a t ~ 1 \% ~ l e v e l ~}$

Second, we found that respondents valued the fact that CPF committed them to save, echoing the findings of other authors in the economics literature. The 48 per cent who always selected the cash-CPF combination (Package B) sometimes chose it over a pure cash package (Package A) even when the total dollar value of the latter was higher (Exhibit 4 shows the scenarios in which this was the case). This is puzzling because respondents could potentially pick the pure cash package and deposit some of the money into their CPF accounts, creating a cash-CPF combination that is strictly better than the one offered by Package B. ${ }^{5}$ However, respondents' behavior is consistent with their seeing CPF as a commitment savings device. Like us, Ashraf, Karlan and Yin (2006) and Beshears et al (2011) both find evidence that people are willing to pay a premium for commitment savings devices because they do not trust themselves to save for retirement in normal bank (saving) accounts.

Exhibit 4: Scenarios where Value in Pure Cash Package Exceeds Package with CPF

| Scenario | Package A | Package B |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Cash | Cash | CPF | Total |
| 1 | 1,200 | 840 | 280 | 1,120 |
| 7 | 1,200 | 1,080 | 80 | 1,160 |
| 9 | 1,200 | 920 | 240 | 1,160 |

[^3]Consistent with our hypothesis, our regression results indicated that people who agreed that CPF helped them commit to saving for retirement were 15 per cent more likely to always select the cash-CPF combination (Package B). Moreover, when asked why they always selected Package B, 85 per cent of the respondents who did so indicated that putting money in their CPF commits them to save. Qualitative comments from the respondents also validated this 'commitment savings' hypothesis.

One possible objection to our study is that respondents did not understand the survey fully and were thus not adequately considering the amounts in the scenarios presented to them. The high number of individuals selecting either Package A or Package B for all scenarios suggests that respondents may have simply answered using a mental heuristic or 'rule of thumb'. While this possibility cannot be ruled out, we believe that the results are still instructive for the following reasons:
a. First, the scenarios were presented to the respondents early in the ten-minute survey, reducing the chance of respondent fatigue and impatience;
b. Second, it is striking that the choices of respondents correlated well with their individual characteristics, such as education, employment status and home ownership. For example, women clearly exhibited stronger preference for CPF, consistent with evidence from other authors, such as Ashraf, Karlan and Yin (2006), that women have stronger demand for commitment savings products. We thus believe that genuine differences in their economic and other needs were driving the choice of heuristic, which then influenced whether they always selected Package A or Package B, or a mix of the two.

## CONCLUSION

Our results suggest that low-income residents' preferences between cash and CPF are highly heterogeneous.
a. A sizeable 48 per cent of respondents always chose the cash-CPF combination (Package B), even when its total dollar value was less than that of the pure cash package (Package A). This indicates a strong preference for CPF. Most of these respondents valued the fact that CPF commits them to save, a finding that is consistent with other economic research which frequently finds strong demand for commitment savings products.
b. On the other hand, 14 per cent of respondents always chose the pure cash package (Package A), demonstrating a strong preference for cash. Most of these respondents valued the liquidity that cash provides to tide over future shocks, even though they did not urgently need the cash.
c. The remaining 38 per cent preferred the cash-CPF combination (Package $B$ ) in some scenarios and preferred the pure cash package (Package $A$ ) in other scenarios, and as such did not demonstrate a very strong preference for either cash or CPF.

These results suggest that it is not easy to structure income supplement payments to satisfy all groups. Individual preferences may vary based on gender, education and economic circumstances, such as whether the individual is a home-owner or self-employed. Although a sizeable group of individuals exhibited strong preferences towards bundles which include CPF, there are also individuals who appear to strongly prefer the flexibility that cash provides.

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## STATI STI CAL APPENDI X

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GROSS DOMESTIC PRODUCT BY INDUSTRY [TABLE A1.1]

|  | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | $\begin{gathered} 2012 \\ 1 \end{gathered}$ | $\begin{gathered} 2012 \\ \text { II } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 11 | III | IV | 1 | II | III | IV |  |  |
|  | Million Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| GDP AT CURRENT MARKET PRICES | 268,772.4 | 270,012.7 | 310,036.8 | 326,832.4 | 77,209.2 | 77,438.4 | 81,066.3 | 81,558.7 | 80,146.7 | 81,002.9 | 84,124.1 | 83,867.4 | 83,438.3 |
| Goods Producing Industries | 67,703.4 | 71,514.7 | 81,576.4 | 81,684.5 | 20,907.9 | 20,271.6 | 20,534.2 | 20,246.8 | 19,731.0 | 20,674.7 | 21,032.0 | 20,702.7 | 20,803.6 |
| Manufacturing | 52,475.9 | 53,999.8 | 64,459.8 | 64,198.0 | 16,645.3 | 16,014.7 | 16,144.3 | 16,000.9 | 15,343.0 | 16,254.1 | 16,600.0 | 16,216.9 | 16,266.6 |
| Construction | 11,256.7 | 13,584.9 | 12,610.6 | 12,759.0 | 3,115.8 | 3,118.7 | 3,210.4 | 3,150.1 | 3,104.8 | 3,202.1 | 3,302.0 | 3,353.0 | 3,250.0 |
| Utilities | 3,863.2 | 3,825.0 | 4,403.8 | 4,624.6 | 1,121.4 | 1,113.7 | 1,152.2 | 1,067.9 | 1,257.5 | 1,195.0 | 1,104.2 | 1,105.9 | 1,262.8 |
| Other Goods Industries ${ }^{1}$ | 107.6 | 105.0 | 102.2 | 102.9 | 25.4 | 24.5 | 27.3 | 27.9 | 25.7 | 23.5 | 25.8 | 26.9 | 24.2 |
| Services Producing Industries | 176,159.0 | 173,668.6 | 199,015.0 | 211,877.9 | 48,851.5 | 49,652.1 | 52,796.3 | 53,333.4 | 51,936.1 | 51,979.1 | 54,629.3 | 54,681.6 | 53,380.5 |
| Wholesale \& Retail Trade | 44,396.7 | 45,101.8 | 52,264.6 | 53,328.3 | 13,174.8 | 12,991.1 | 13,615.6 | 13,102.9 | 13,418.4 | 12,805.0 | 14,002.0 | 13,098.2 | 13,119.9 |
| Transportation \& Storage | 26,010.0 | 21,627.7 | 25,191.9 | 25,169.5 | 6,190.3 | 6,321.3 | 6,697.7 | 6,191.5 | 6,268.9 | 6,143.3 | 6,565.8 | 6,274.3 | 6,556.6 |
| Accommodation \& Food Services | 5,909.2 | 5,461.6 | 6,447.3 | 7,300.4 | 1,607.4 | 1,648.1 | 1,686.2 | 1,762.5 | 1,809.1 | 1,861.4 | 1,867.4 | 1,976.1 | 1,938.3 |
| Information \& Communications | 9,639.4 | 10,269.5 | 10,650.0 | 11,013.7 | 2,625.9 | 2,632.2 | 2,749.4 | 2,754.2 | 2,742.1 | 2,712.6 | 2,804.8 | 2,874.3 | 2,848.3 |
| Finance \& Insurance | 30,599.2 | 31,228.6 | 33,469.1 | 36,688.5 | 8,168.2 | 8,283.0 | 8,955.7 | 9,189.6 | 9,030.0 | 9,327.3 | 9,141.6 | 9,598.3 | 9,483.7 |
| Business Services | 34,915.4 | 34,554.4 | 39,885.4 | 43,390.2 | 9,871.0 | 10,087.2 | 10,416.3 | 10,621.4 | 10,692.0 | 10,858.9 | 11,217.9 | 11,216.8 | 11,259.0 |
| Other Services Industries | 24,689.1 | 25,425.0 | 31,106.7 | 34,987.3 | 7,213.9 | 7,689.2 | 8,675.4 | 9,711.3 | 7,975.6 | 8,270.6 | 9,029.8 | 9,643.6 | 8,174.7 |
| Ownership of Dwellings | 10,678.0 | 10,887.8 | 11,579.3 | 13,495.8 | 2,842.5 | 2,897.4 | 3,070.5 | 3,225.2 | 3,364.6 | 3,432.0 | 3,474.0 | 3,755.6 | 3,762.5 |
| Gross Value Added At Basic Prices | 254,540.4 | 256,071.1 | 292,170.7 | 307,058.2 | 72,601.9 | 72,821.1 | 76,401.0 | 76,805.4 | 75,031.7 | 76,085.8 | 79,135.3 | 79,139.9 | 77,946.6 |
| Add: Taxes on Products | 14,232.0 | 13,941.6 | 17,866.1 | 19,774.2 | 4,607.3 | 4,617.3 | 4,665.3 | 4,753.3 | 5,115.0 | 4,917.1 | 4,988.8 | 4,727.5 | 5,491.7 |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| GDP AT CURRENT MARKET PRICES | 0.4 | 0.5 | 14.8 | 5.4 | 18.0 | 12.1 | 10.7 | 9.7 | 3.8 | 4.6 | 3.8 | 2.8 | 4.1 |
| Goods Producing Industries | -7.2 | 5.6 | 14.1 | 0.1 | 21.8 | 3.2 | 2.6 | 1.9 | -5.6 | 2.0 | 2.4 | 2.3 | 5.4 |
| Manufacturing | -14.1 | 2.9 | 19.4 | -0.4 | 29.2 | 4.7 | 5.5 | 2.2 | -7.8 | 1.5 | 2.8 | 1.3 | 6.0 |
| Construction | 43.0 | 20.7 | -7.2 | 1.2 | -4.5 | -8.1 | -11.0 | -0.5 | -0.4 | 2.7 | 2.9 | 6.4 | 4.7 |
| Utilities | 0.4 | -1.0 | 15.1 | 5.0 | 13.8 | 19.8 | 5.9 | 5.1 | 12.1 | 7.3 | -4.2 | 3.6 | 0.4 |
| Other Goods Industries ${ }^{1}$ | -2.7 | -2.4 | -2.7 | 0.7 | 3.3 | 0.0 | -3.2 | 11.6 | 1.2 | -4.1 | -5.5 | -3.6 | -5.8 |
| Services Producing Industries | 3.1 | -1.4 | 14.6 | 6.5 | 15.9 | 15.6 | 13.5 | 11.8 | 6.3 | 4.7 | 3.5 | 2.5 | 2.8 |
| Wholesale \& Retail Trade | -7.6 | 1.6 | 15.9 | 2.0 | 17.5 | 13.2 | 9.6 | 5.0 | 1.8 | -1.4 | 2.8 | 0.0 | -2.2 |
| Transportation \& Storage | 5.0 | -16.8 | 16.5 | -0.1 | 21.1 | 25.1 | 13.3 | 3.5 | 1.3 | -2.8 | -2.0 | 1.3 | 4.6 |
| Accommodation \& Food Services | 10.9 | -7.6 | 18.0 | 13.2 | 23.4 | 19.8 | 16.9 | 17.1 | 12.5 | 12.9 | 10.7 | 12.1 | 7.1 |
| Information \& Communications | 8.6 | 6.5 | 3.7 | 3.4 | 3.4 | 3.4 | 5.5 | 4.2 | 4.4 | 3.1 | 2.0 | 4.4 | 3.9 |
| Finance \& Insurance | 1.4 | 2.1 | 7.2 | 9.6 | 4.7 | 5.3 | 9.5 | 14.0 | 10.6 | 12.6 | 2.1 | 4.4 | 5.0 |
| Business Services | 15.2 | -1.0 | 15.4 | 8.8 | 19.0 | 16.5 | 12.6 | 11.7 | 8.3 | 7.7 | 7.7 | 5.6 | 5.3 |
| Other Services Industries | 5.6 | 3.0 | 22.3 | 12.5 | 22.7 | 28.3 | 29.0 | 29.0 | 10.6 | 7.6 | 4.1 | -0.7 | 2.5 |
| Ownership of Dwellings | 28.3 | 2.0 | 6.4 | 16.6 | 3.9 | 7.4 | 14.9 | 16.5 | 18.4 | 18.5 | 13.1 | 16.4 | 11.8 |
| Gross Value Added At Basic Prices | 1.0 | 0.6 | 14.1 | 5.1 | 17.0 | 11.5 | 10.4 | 9.2 | 3.3 | 4.5 | 3.6 | 3.0 | 3.9 |
| Add: Taxes on Products | -8.3 | -2.0 | 28.1 | 10.7 | 36.7 | 22.3 | 16.3 | 19.5 | 11.0 | 6.5 | 6.9 | -0.5 | 7.4 |

${ }^{1}$ Comprise Agriculture, Fishing and Quarrying.
Source: Singapore Department of Statistics
Note: The industries are classified according to SSIC 2010.

GROSS DOMESTIC PRODUCT BY INDUSTRY - Cont'd [TABLE A1.1]

|  | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | $2012$ <br> I | $2012$ <br> II |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | II | III | IV | 1 | II | III | IV |  |  |
|  | Million Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| GDP AT 2005 MARKET PRICES | 251,374.0 | 248,911.2 | 285,658.5 | 299,624.7 | 73,726.9 | 71,686.5 | 72,434.3 | 73,973.5 | 74,638.4 | 75,992.3 | 75,020.5 | 75,046.9 | 76,156.1 |
| Goods Producing Industries | 73,465.3 | 72,467.9 | 90,392.9 | 96,506.8 | 24,712.2 | 22,316.0 | 22,431.3 | 23,798.4 | 23,540.2 | 24,946.9 | 24,221.3 | 23,874.9 | 24,585.3 |
| Manufacturing | 60,738.5 | 58,217.8 | 75,492.8 | 81,236.0 | 21,011.1 | 18,577.9 | 18,599.0 | 20,041.2 | 19,770.4 | 21,113.9 | 20,310.5 | 19,887.5 | 20,658.0 |
| Construction | 8,975.3 | 10,509.4 | 10,918.2 | 11,205.8 | 2,696.9 | 2,741.2 | 2,821.2 | 2,769.6 | 2,725.5 | 2,807.8 | 2,902.9 | 2,959.5 | 2,869.4 |
| Utilities | 3,644.7 | 3,635.8 | 3,880.2 | 3,960.2 | 978.7 | 972.2 | 985.2 | 959.1 | 1,018.6 | 1,001.5 | 981.0 | 999.8 | 1,032.4 |
| Other Goods Industries ${ }^{1}$ | 106.8 | 104.9 | 101.7 | 104.8 | 25.5 | 24.7 | 25.9 | 28.5 | 25.7 | 23.7 | 26.9 | 28.1 | 25.5 |
| Services Producing Industries | 161,302.9 | 159,660.6 | 177,365.5 | 185,186.3 | 44,468.1 | 44,876.8 | 45,451.0 | 45,764.9 | 46,516.1 | 46,507.5 | 46,397.8 | 46,634.3 | 46,900.5 |
| Wholesale \& Retail Trade | 41,807.0 | 39,859.8 | 45,895.7 | 46,413.5 | 11,646.1 | 11,720.2 | 11,468.6 | 11,532.9 | 11,748.3 | 11,556.7 | 11,575.6 | 11,494.1 | 11,698.2 |
| Transportation \& Storage | 25,082.2 | 22,588.0 | 24,367.4 | 25,509.1 | 6,063.6 | 6,150.8 | 6,240.7 | 6,149.0 | 6,505.3 | 6,464.4 | 6,390.4 | 6,397.2 | 6,609.0 |
| Accommodation \& Food Services | 4,661.1 | 4,569.1 | 5,124.9 | 5,421.5 | 1,271.7 | 1,289.1 | 1,329.0 | 1,343.4 | 1,344.4 | 1,360.9 | 1,372.8 | 1,416.0 | 1,385.5 |
| Information \& Communications | 9,371.5 | 9,701.8 | 10,030.3 | 10,178.4 | 2,515.4 | 2,522.9 | 2,510.2 | 2,545.8 | 2,559.2 | 2,544.4 | 2,529.0 | 2,581.7 | 2,593.0 |
| Finance \& Insurance | 29,581.1 | 30,223.5 | 33,960.0 | 37,038.1 | 8,409.5 | 8,417.1 | 8,976.7 | 9,136.1 | 9,219.1 | 9,393.6 | 9,289.3 | 9,182.4 | 9,230.4 |
| Business Services | 28,382.6 | 29,216.2 | 31,035.5 | 31,875.0 | 7,745.0 | 7,820.5 | 7,914.6 | 7,913.5 | 7,924.3 | 7,972.0 | 8,065.2 | 8,172.6 | 8,164.6 |
| Other Services Industries | 22,417.4 | 23,502.2 | 26,951.7 | 28,750.7 | 6,816.8 | 6,956.2 | 7,011.2 | 7,144.2 | 7,215.5 | 7,215.5 | 7,175.5 | 7,390.3 | 7,219.8 |
| Ownership of Dwellings | 6,289.8 | 6,315.3 | 6,295.5 | 6,281.7 | 1,579.8 | 1,564.7 | 1,567.6 | 1,576.2 | 1,574.1 | 1,562.9 | 1,568.5 | 1,580.4 | 1,577.5 |
| Gross Value Added At Basic Prices | 241,058.0 | 238,443.8 | 274,053.9 | 287,974.8 | 70,760.1 | 68,757.5 | 69,449.9 | 71,139.5 | 71,630.4 | 73,017.3 | 72,187.6 | 72,089.6 | 73,063.3 |
| Add: Taxes on Products | 10,316.0 | 10,467.4 | 11,604.6 | 11,649.9 | 2,966.8 | 2,929.0 | 2,984.4 | 2,834.0 | 3,008.0 | 2,975.0 | 2,832.9 | 2,957.3 | 3,092.8 |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| GDP AT 2005 MARKET PRICES | 1.7 | -1.0 | 14.8 | 4.9 | 19.8 | 10.6 | 12.5 | 9.1 | 1.2 | 6.0 | 3.6 | 1.5 | 2.0 |
| Goods Producing Industries | -1.5 | -1.4 | 24.7 | 6.8 | 38.3 | 12.0 | 20.0 | 13.7 | -4.7 | 11.8 | 8.0 | 0.3 | 4.4 |
| Manufacturing | -4.2 | -4.2 | 29.7 | 7.6 | 45.2 | 13.7 | 25.7 | 15.8 | -5.9 | 13.7 | 9.2 | -0.8 | 4.5 |
| Construction | 20.1 | 17.1 | 3.9 | 2.6 | 9.4 | 3.8 | -3.1 | 4.2 | 1.1 | 2.4 | 2.9 | 6.9 | 5.3 |
| Utilities | 1.9 | -0.2 | 6.7 | 2.1 | 6.9 | 5.4 | 3.3 | 1.6 | 4.1 | 3.0 | -0.4 | 4.2 | 1.4 |
| Other Goods Industries ${ }^{1}$ | -4.3 | -1.8 | -3.1 | 3.0 | 4.1 | 1.6 | -8.5 | 11.3 | 0.8 | -4.0 | 3.9 | -1.4 | -0.8 |
| Services Producing Industries | 4.6 | -1.0 | 11.1 | 4.4 | 12.7 | 10.6 | 9.7 | 7.5 | 4.6 | 3.6 | 2.1 | 1.9 | 0.8 |
| Wholesale \& Retail Trade | 3.2 | -4.7 | 15.1 | 1.1 | 19.0 | 14.2 | 10.7 | 4.3 | 0.9 | -1.4 | 0.9 | -0.3 | -0.4 |
| Transportation \& Storage | 5.1 | -9.9 | 7.9 | 4.7 | 9.7 | 8.0 | 5.8 | 4.0 | 7.3 | 5.1 | 2.4 | 4.0 | 1.6 |
| Accommodation \& Food Services | 0.9 | -2.0 | 12.2 | 5.8 | 15.6 | 11.7 | 10.3 | 8.8 | 5.7 | 5.6 | 3.3 | 5.4 | 3.1 |
| Information \& Communications | 8.0 | 3.5 | 3.4 | 1.5 | 3.7 | 3.5 | 2.8 | 2.6 | 1.7 | 0.9 | 0.7 | 1.4 | 1.3 |
| Finance \& Insurance | 5.2 | 2.2 | 12.4 | 9.1 | 10.6 | 8.9 | 12.6 | 12.0 | 9.6 | 11.6 | 3.5 | 0.5 | 0.1 |
| Business Services | 7.3 | 2.9 | 6.2 | 2.7 | 7.6 | 6.4 | 4.7 | 4.7 | 2.3 | 1.9 | 1.9 | 3.3 | 3.0 |
| Other Services Industries | 2.1 | 4.8 | 14.7 | 6.7 | 17.4 | 17.1 | 17.1 | 15.8 | 5.8 | 3.7 | 2.3 | 3.4 | 0.1 |
| Ownership of Dwellings | -0.4 | 0.4 | -0.3 | -0.2 | -0.4 | -0.4 | 0.4 | -0.5 | -0.4 | -0.1 | 0.1 | 0.3 | 0.2 |
| Gross Value Added At Basic Prices | 2.6 | -1.1 | 14.9 | 5.1 | 20.1 | 10.8 | 12.6 | 9.3 | 1.2 | 6.2 | 3.9 | 1.3 | 2.0 |
| Add: Taxes on Products | -15.0 | 1.5 | 10.9 | 0.4 | 13.1 | 6.4 | 10.4 | 4.0 | 1.4 | 1.6 | -5.1 | 4.4 | 2.8 |

[^4]Source: Singapore Department of Statistics

GROSS DOMESTIC PRODUCT BY INDUSTRY AT 2005 PRICES, SEASONALLY ADJUSTED [TABLE A1.2]

|  | 2009 |  |  | 2010 |  |  |  | 2011 |  |  |  | $2012$I | $\begin{gathered} 2012 \\ \text { II } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 | III | IV | I | II | III | IV | 1 | II | III | IV |  |  |
|  | Million Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| GDP AT 2005 MARKET PRICES | 61,770.5 | 64,004.1 | 63,901.8 | 69,064.4 | 73,934.7 | 70,798.4 | 71,996.5 | 75,301.7 | 74,725.8 | 75,089.7 | 74,607.1 | 76,319.4 | 76,193.4 |
| Goods Producing Industries | 18,203.4 | 19,356.5 | 18,148.4 | 21,882.7 | 25,060.4 | 21,689.0 | 21,878.3 | 24,827.3 | 23,799.4 | 24,291.5 | 23,671.1 | 24,851.0 | 24,820.9 |
| Manufacturing | 14,688.0 | 15,784.4 | 14,364.2 | 18,241.9 | 21,251.9 | 17,960.4 | 18,154.0 | 21,047.3 | 19,936.1 | 20,462.6 | 19,871.9 | 20,833.3 | 20,805.3 |
| Construction | 2,586.4 | 2,630.3 | 2,803.2 | 2,651.6 | 2,818.6 | 2,735.5 | 2,714.1 | 2,772.2 | 2,835.7 | 2,807.1 | 2,791.4 | 2,968.7 | 2,975.7 |
| Utilities | 903.9 | 916.1 | 953.0 | 965.3 | 963.8 | 966.8 | 984.6 | 981.2 | 1,001.3 | 996.5 | 981.3 | 1,022.8 | 1,013.8 |
| Other Goods Industries ${ }^{1}$ | 25.1 | 25.7 | 28.0 | 23.9 | 26.1 | 26.3 | 25.6 | 26.6 | 26.3 | 25.3 | 26.5 | 26.2 | 26.1 |
| Services Producing Industries | 39,399.5 | 40,365.2 | 41,452.3 | 42,807.0 | 44,386.6 | 44,668.6 | 45,530.3 | 45,981.8 | 46,406.8 | 46,313.3 | 46,505.5 | 46,842.1 | 46,767.0 |
| Wholesale \& Retail Trade | 9,760.1 | 10,122.3 | 10,418.4 | 11,192.5 | 11,593.5 | 11,562.4 | 11,559.1 | 11,660.8 | 11,675.7 | 11,405.5 | 11,685.2 | 11,619.2 | 11,606.9 |
| Transportation \& Storage | 5,499.0 | 5,666.9 | 5,905.3 | 5,963.7 | 6,028.9 | 6,126.3 | 6,249.1 | 6,201.5 | 6,463.7 | 6,444.9 | 6,397.2 | 6,451.8 | 6,564.4 |
| Accommodation \& Food Services | 1,112.9 | 1,153.2 | 1,189.5 | 1,237.6 | 1,284.7 | 1,288.7 | 1,314.8 | 1,345.4 | 1,356.3 | 1,361.3 | 1,359.3 | 1,417.7 | 1,396.6 |
| Information \& Communications | 2,413.8 | 2,441.5 | 2,456.0 | 2,476.6 | 2,503.1 | 2,525.8 | 2,524.6 | 2,541.5 | 2,546.9 | 2,545.7 | 2,544.3 | 2,577.7 | 2,580.4 |
| Finance \& Insurance | 7,600.9 | 7,725.7 | 7,970.1 | 8,156.7 | 8,409.5 | 8,417.1 | 8,976.7 | 9,136.1 | 9,219.1 | 9,393.6 | 9,289.3 | 9,182.4 | 9,230.4 |
| Business Services | 7,201.8 | 7,329.2 | 7,496.0 | 7,631.6 | 7,749.6 | 7,806.8 | 7,853.7 | 7,979.6 | 7,931.0 | 7,961.1 | 8,008.3 | 8,234.1 | 8,171.2 |
| Other Services Industries | 5,811.0 | 5,926.4 | 6,017.0 | 6,148.3 | 6,817.3 | 6,941.5 | 7,052.3 | 7,116.9 | 7,214.1 | 7,201.2 | 7,221.9 | 7,359.2 | 7,217.1 |
| Ownership of Dwellings | 1,586.7 | 1,571.6 | 1,560.7 | 1,583.4 | 1,579.8 | 1,564.7 | 1,567.6 | 1,576.2 | 1,574.1 | 1,562.9 | 1,568.5 | 1,580.4 | 1,577.5 |
| Gross Value Added At Basic Prices | 59,189.6 | 61,293.3 | 61,161.4 | 66,273.1 | 71,026.8 | 67,922.3 | 68,976.2 | 72,385.3 | 71,780.3 | 72,167.7 | 71,745.1 | 73,273.5 | 73,165.4 |
| Add: Taxes on Products | 2,580.9 | 2,710.8 | 2,740.4 | 2,791.3 | 2,907.9 | 2,876.1 | 3,020.3 | 2,916.4 | 2,945.5 | 2,922.0 | 2,862.0 | 3,045.9 | 3,028.0 |
|  | Annualised Percentage Change Over Preceding Quarter |  |  |  |  |  |  |  |  |  |  |  |  |
| GDP AT 2005 MARKET PRICES | 18.7 | 15.3 | -0.6 | 36.4 | 31.3 | -15.9 | 6.9 | 19.7 | -3.0 | 2.0 | -2.5 | 9.5 | -0.7 |
| Goods Producing Industries | 41.1 | 27.8 | -22.7 | 111.4 | 72.0 | -43.9 | 3.5 | 65.8 | -15.6 | 8.5 | -9.8 | 21.5 | -0.5 |
| Manufacturing | 47.2 | 33.4 | -31.4 | 160.1 | 84.2 | -49.0 | 4.4 | 80.7 | -19.5 | 11.0 | -11.1 | 20.8 | -0.5 |
| Construction | 18.4 | 7.0 | 29.0 | -19.9 | 27.7 | -11.3 | -3.1 | 8.8 | 9.5 | -4.0 | -2.2 | 27.9 | 0.9 |
| Utilities | 21.0 | 5.5 | 17.1 | 5.3 | -0.6 | 1.3 | 7.6 | -1.4 | 8.4 | -1.9 | -6.0 | 18.0 | -3.5 |
| Other Goods Industries ${ }^{1}$ | -13.1 | 9.9 | 40.9 | -46.9 | 42.2 | 3.1 | -10.2 | 16.6 | -4.4 | -14.4 | 20.4 | -4.5 | -1.5 |
| Services Producing Industries | 10.1 | 10.2 | 11.2 | 13.7 | 15.6 | 2.6 | 7.9 | 4.0 | 3.7 | -0.8 | 1.7 | 2.9 | -0.6 |
| Wholesale \& Retail Trade | 8.0 | 15.7 | 12.2 | 33.2 | 15.1 | -1.1 | -0.1 | 3.6 | 0.5 | -8.9 | 10.2 | -2.2 | -0.4 |
| Transportation \& Storage | -1.5 | 12.8 | 17.9 | 4.0 | 4.4 | 6.6 | 8.3 | -3.0 | 18.0 | -1.2 | -2.9 | 3.5 | 7.2 |
| Accommodation \& Food Services | -0.3 | 15.3 | 13.2 | 17.2 | 16.1 | 1.3 | 8.4 | 9.6 | 3.3 | 1.5 | -0.6 | 18.3 | -5.8 |
| Information \& Communications | 4.1 | 4.7 | 2.4 | 3.4 | 4.3 | 3.7 | -0.2 | 2.7 | 0.9 | -0.2 | -0.2 | 5.4 | 0.4 |
| Finance \& Insurance | 45.0 | 6.7 | 13.3 | 9.7 | 13.0 | 0.4 | 29.4 | 7.3 | 3.7 | 7.8 | -4.4 | -4.5 | 2.1 |
| Business Services | 0.5 | 7.3 | 9.4 | 7.4 | 6.3 | 3.0 | 2.4 | 6.6 | -2.4 | 1.5 | 2.4 | 11.8 | -3.0 |
| Other Services Industries | 4.3 | 8.2 | 6.3 | 9.0 | 51.2 | 7.5 | 6.5 | 3.7 | 5.6 | -0.7 | 1.2 | 7.8 | -7.5 |
| Ownership of Dwellings | -2.4 | -3.8 | -2.7 | 5.9 | -0.9 | -3.8 | 0.7 | 2.2 | -0.5 | -2.8 | 1.4 | 3.1 | -0.7 |
| Gross Value Added At Basic Prices | 18.2 | 15.0 | -0.9 | 37.9 | 31.9 | -16.4 | 6.4 | 21.3 | -3.3 | 2.2 | -2.3 | 8.8 | -0.6 |
| Add: Taxes on Products | 29.7 | 21.7 | 4.4 | 7.6 | 17.8 | -4.3 | 21.6 | -13.1 | 4.1 | -3.2 | -8.0 | 28.3 | -2.3 |

[^5]PERCENTAGE CONTRIBUTION TO GROWTH IN REAL GDP [TABLE A1.3]

|  | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | $2012$ | $\begin{gathered} 2012 \\ \text { II } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | II | III | IV | 1 | II | III | IV |  |  |
|  | Per Cent |  |  |  |  |  |  |  |  |  |  |  |  |
| GDP AT 2005 MARKET PRICES | 1.7 | -1.0 | 14.8 | 4.9 | 19.8 | 10.6 | 12.5 | 9.1 | 1.2 | 6.0 | 3.6 | 1.5 | 2.0 |
| Goods Producing Industries | -0.4 | -0.4 | 7.2 | 2.1 | 11.1 | 3.7 | 5.8 | 4.2 | -1.6 | 3.7 | 2.5 | 0.1 | 1.4 |
| Manufacturing | -1.1 | -1.0 | 6.9 | 2.0 | 10.6 | 3.5 | 5.9 | 4.0 | -1.7 | 3.5 | 2.4 | -0.2 | 1.2 |
| Construction | 0.6 | 0.6 | 0.2 | 0.1 | 0.4 | 0.2 | -0.1 | 0.2 | 0.0 | 0.1 | 0.1 | 0.3 | 0.2 |
| Utilities | 0.0 | 0.0 | 0.1 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 |
| Other Goods Industries ${ }^{1}$ | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Services Producing Industries | 2.9 | -0.7 | 7.1 | 2.7 | 8.1 | 6.7 | 6.3 | 4.7 | 2.8 | 2.3 | 1.3 | 1.2 | 0.5 |
| Wholesale \& Retail Trade | 0.5 | -0.8 | 2.4 | 0.2 | 3.0 | 2.3 | 1.7 | 0.7 | 0.1 | -0.2 | 0.1 | -0.1 | -0.1 |
| Transportation \& Storage | 0.5 | -1.0 | 0.7 | 0.4 | 0.9 | 0.7 | 0.5 | 0.3 | 0.6 | 0.4 | 0.2 | 0.3 | 0.1 |
| Accommodation \& Food Services | 0.0 | 0.0 | 0.2 | 0.1 | 0.3 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Information \& Communications | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| Finance \& Insurance | 0.6 | 0.3 | 1.5 | 1.1 | 1.3 | 1.1 | 1.6 | 1.4 | 1.1 | 1.4 | 0.4 | 0.1 | 0.0 |
| Business Services | 0.8 | 0.3 | 0.7 | 0.3 | 0.9 | 0.7 | 0.6 | 0.5 | 0.2 | 0.2 | 0.2 | 0.4 | 0.3 |
| Other Services Industries | 0.2 | 0.4 | 1.4 | 0.6 | 1.6 | 1.6 | 1.6 | 1.4 | 0.5 | 0.4 | 0.2 | 0.3 | 0.0 |
| Ownership of Dwellings | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Add: Taxes on Products | -0.7 | 0.1 | 0.5 | 0.0 | 0.6 | 0.3 | 0.4 | 0.2 | 0.1 | 0.1 | -0.2 | 0.2 | 0.1 |

[^6]Note: The industries are classified according to SSIC 2010.

GROSS DOMESTIC PRODUCT DEFLATORS BY INDUSTRY [TABLE A1.4]

|  | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | $2012$ | $2012$ <br> II |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | II | III | IV | 1 | II | III | IV |  |  |
|  | 2005=100 |  |  |  |  |  |  |  |  |  |  |  |  |
| GDP AT MARKET PRICES | 106.9 | 108.5 | 108.5 | 109.1 | 104.7 | 108.0 | 111.9 | 110.3 | 107.4 | 106.6 | 112.1 | 111.8 | 109.6 |
| Goods Producing Industries | 92.2 | 98.7 | 90.2 | 84.6 | 84.6 | 90.8 | 91.5 | 85.1 | 83.8 | 82.9 | 86.8 | 86.7 | 84.6 |
| Manufacturing | 86.4 | 92.8 | 85.4 | 79.0 | 79.2 | 86.2 | 86.8 | 79.8 | 77.6 | 77.0 | 81.7 | 81.5 | 78.7 |
| Construction | 125.4 | 129.3 | 115.5 | 113.9 | 115.5 | 113.8 | 113.8 | 113.7 | 113.9 | 114.0 | 113.7 | 113.3 | 113.3 |
| Utilities | 106.0 | 105.2 | 113.5 | 116.8 | 114.6 | 114.6 | 117.0 | 111.3 | 123.5 | 119.3 | 112.6 | 110.6 | 122.3 |
| Other Goods Industries ${ }^{1}$ | 100.7 | 100.1 | 100.5 | 98.2 | 99.6 | 99.2 | 105.4 | 97.9 | 100.0 | 99.2 | 95.9 | 95.7 | 94.9 |
| Services Producing Industries | 109.2 | 108.8 | 112.2 | 114.4 | 109.9 | 110.6 | 116.2 | 116.5 | 111.7 | 111.8 | 117.7 | 117.3 | 113.8 |
| Wholesale \& Retail Trade | 106.2 | 113.2 | 113.9 | 114.9 | 113.1 | 110.8 | 118.7 | 113.6 | 114.2 | 110.8 | 121.0 | 114.0 | 112.2 |
| Transportation \& Storage | 103.7 | 95.7 | 103.4 | 98.7 | 102.1 | 102.8 | 107.3 | 100.7 | 96.4 | 95.0 | 102.7 | 98.1 | 99.2 |
| Accommodation \& Food Services | 126.8 | 119.5 | 125.8 | 134.7 | 126.4 | 127.8 | 126.9 | 131.2 | 134.6 | 136.8 | 136.0 | 139.6 | 139.9 |
| Information \& Communications | 102.9 | 105.9 | 106.2 | 108.2 | 104.4 | 104.3 | 109.5 | 108.2 | 107.1 | 106.6 | 110.9 | 111.3 | 109.8 |
| Finance \& Insurance | 103.4 | 103.3 | 98.6 | 99.1 | 97.1 | 98.4 | 99.8 | 100.6 | 97.9 | 99.3 | 98.4 | 104.5 | 102.7 |
| Business Services | 123.0 | 118.3 | 128.5 | 136.1 | 127.4 | 129.0 | 131.6 | 134.2 | 134.9 | 136.2 | 139.1 | 137.2 | 137.9 |
| Other Services Industries | 110.1 | 108.2 | 115.4 | 121.7 | 105.8 | 110.5 | 123.7 | 135.9 | 110.5 | 114.6 | 125.8 | 130.5 | 113.2 |
| Ownership of Dwellings | 169.8 | 172.4 | 183.9 | 214.8 | 179.9 | 185.2 | 195.9 | 204.6 | 213.7 | 219.6 | 221.5 | 237.6 | 238.5 |
| Gross Value Added At Basic Prices | 105.6 | 107.4 | 106.6 | 106.6 | 102.6 | 105.9 | 110.0 | 108.0 | 104.7 | 104.2 | 109.6 | 109.8 | 106.7 |
| Add: Taxes on Products | 138.0 | 133.2 | 154.0 | 169.7 | 155.3 | 157.6 | 156.3 | 167.7 | 170.0 | 165.3 | 176.1 | 159.9 | 177.6 |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| GDP AT MARKET PRICES | -1.3 | 1.5 | 0.1 | 0.5 | -1.5 | 1.3 | -1.6 | 0.6 | 2.5 | -1.3 | 0.2 | 1.4 | 2.0 |
| Goods Producing Industries | -5.8 | 7.1 | -8.6 | -6.2 | -11.9 | -7.9 | -14.5 | -10.3 | -0.9 | -8.8 | -5.1 | 1.9 | 1.0 |
| Manufacturing | -10.4 | 7.4 | -7.9 | -7.4 | -11.1 | -7.9 | -16.0 | -11.7 | -2.0 | -10.7 | -5.8 | 2.1 | 1.5 |
| Construction | 19.1 | 3.1 | -10.6 | -1.4 | -12.7 | -11.5 | -8.2 | -4.5 | -1.4 | 0.2 | 0.0 | -0.4 | -0.6 |
| Utilities | -1.5 | -0.7 | 7.9 | 2.9 | 6.5 | 13.7 | 2.6 | 3.4 | 7.7 | 4.2 | -3.8 | -0.7 | -0.9 |
| Other Goods Industries ${ }^{1}$ | 1.7 | -0.6 | 0.4 | -2.3 | -0.8 | -1.6 | 5.8 | 0.2 | 0.4 | 0.0 | -9.0 | -2.2 | -5.1 |
| Services Producing Industries | -1.5 | -0.4 | 3.2 | 2.0 | 2.9 | 4.4 | 3.4 | 4.0 | 1.6 | 1.0 | 1.4 | 0.6 | 1.9 |
| Wholesale \& Retail Trade | -10.5 | 6.6 | 0.6 | 0.9 | -1.2 | -0.9 | -0.9 | 0.7 | 1.0 | 0.0 | 1.9 | 0.3 | -1.8 |
| Transportation \& Storage | -0.1 | -7.7 | 8.0 | -4.6 | 10.4 | 15.8 | 7.1 | -0.5 | -5.6 | -7.5 | -4.3 | -2.6 | 2.9 |
| Accommodation \& Food Services | 9.9 | -5.7 | 5.2 | 7.0 | 6.7 | 7.2 | 5.9 | 7.6 | 6.5 | 7.0 | 7.2 | 6.4 | 4.0 |
| Information \& Communications | 0.6 | 2.9 | 0.3 | 1.9 | -0.2 | -0.1 | 2.6 | 1.6 | 2.6 | 2.2 | 1.3 | 2.9 | 2.5 |
| Finance \& Insurance | -3.6 | -0.1 | -4.6 | 0.5 | -5.4 | -3.4 | -2.8 | 1.8 | 0.8 | 0.9 | -1.4 | 3.9 | 4.9 |
| Business Services | 7.3 | -3.9 | 8.7 | 5.9 | 10.7 | 9.5 | 7.6 | 6.6 | 5.9 | 5.6 | 5.7 | 2.3 | 2.2 |
| Other Services Industries | 3.4 | -1.8 | 6.7 | 5.4 | 4.6 | 9.5 | 10.1 | 11.4 | 4.4 | 3.7 | 1.7 | -4.0 | 2.4 |
| Ownership of Dwellings | 28.8 | 1.6 | 6.7 | 16.8 | 4.4 | 7.9 | 14.4 | 17.0 | 18.8 | 18.6 | 13.1 | 16.1 | 11.6 |
| Gross Value Added At Basic Prices | -1.6 | 1.7 | -0.7 | 0.0 | -2.6 | 0.6 | -2.0 | -0.1 | 2.1 | -1.6 | -0.3 | 1.7 | 1.8 |
| Add: Taxes on Products | 7.9 | -3.5 | 15.6 | 10.2 | 20.9 | 15.0 | 5.4 | 14.9 | 9.5 | 4.8 | 12.7 | -4.7 | 4.4 |

${ }^{1}$ Comprise Agriculture, Fishing and Quarrying.
Source: Singapore Department of Statistics
Note: The industries are classified according to SSIC 2010.

EXPENDITURE ON GROSS DOMESTIC PRODUCT AT 2005 MARKET PRICES [TABE A A.5]

|  | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 11 | III | IV | 1 | II | III | IV | 1 | II |
|  | Million Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL | 251,374.0 | 248,911.2 | 285,658.5 | 299,624.7 | 73,726.9 | 71,686.5 | 72,434.3 | 73,973.5 | 74,638.4 | 75,992.3 | 75,020.5 | 75,046.9 | 76,156.1 |
| Private Consumption Expenditure | 97,034.5 | 97,170.7 | 103,449.1 | 107,724.8 | 25,940.3 | 25,499.9 | 27,264.3 | 25,573.6 | 27,361.4 | 26,998.0 | 27,791.8 | 26,765.7 | 27,853.7 |
| Government Consumption Expenditure | 25,108.2 | 26,011.7 | 28,881.3 | 29,138.6 | 4,828.4 | 6,910.1 | 7,594.5 | 9,928.2 | 5,057.5 | 7,000.9 | 7,152.0 | 9,526.2 | 5,009.8 |
| Gross Fixed Capital Formation | 66,530.4 | 64,598.8 | 69,100.8 | 71,364.2 | 17,029.3 | 17,490.7 | 17,827.3 | 16,186.2 | 18,497.5 | 18,891.7 | 17,788.8 | 18,933.0 | 18,831.2 |
| Changes in Inventories | 6,151.1 | -6,550.8 | -7,670.0 | -3,995.5 | 2,395.2 | -2,868.7 | -4,534.6 | -1,665.9 | 1,748.6 | -1,838.0 | -2,240.2 | -950.2 | 3,085.8 |
| Net Exports of Goods \& Services | 56,139.1 | 69,738.5 | 97,432.5 | 100,743.7 | 24,904.4 | 26,115.6 | 25,766.8 | 25,210.5 | 23,083.5 | 26,478.2 | 25,971.5 | 22,233.8 | 22,860.1 |
| Exports of Goods \& Services | 606,821.9 | 559,532.5 | 666,347.4 | 683,488.3 | 167,524.7 | 173,455.5 | 171,697.6 | 166,048.6 | 169,284.0 | 174,856.8 | 173,298.9 | 169,738.1 | 173,104.6 |
| Less: Imports of Goods \& Services | 550,682.8 | 489,794.0 | 568,914.9 | 582,744.6 | 142,620.3 | 147,339.9 | 145,930.8 | 140,838.1 | 146,200.5 | 148,378.6 | 147,327.4 | 147,504.3 | 150,244.5 |
| Statistical Discrepancy | 410.7 | -2,057.7 | -5,535.2 | -5,351.1 | -1,370.7 | -1,461.1 | -1,484.0 | -1,259.1 | -1,110.1 | -1,538.5 | -1,443.4 | -1,461.6 | -1,484.5 |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL | 1.7 | -1.0 | 14.8 | 4.9 | 19.8 | 10.6 | 12.5 | 9.1 | 1.2 | 6.0 | 3.6 | 1.5 | 2.0 |
| Private Consumption Expenditure | 3.3 | 0.1 | 6.5 | 4.1 | 7.3 | 3.4 | 6.7 | 3.4 | 5.5 | 5.9 | 1.9 | 4.7 | 1.8 |
| Government Consumption Expenditure | 6.4 | 3.6 | 11.0 | 0.9 | 3.1 | 9.7 | 15.8 | 4.0 | 4.7 | 1.3 | -5.8 | -4.0 | -0.9 |
| Gross Fixed Capital Formation | 13.0 | -2.9 | 7.0 | 3.3 | 2.2 | 10.3 | 5.8 | -3.4 | 8.6 | 8.0 | -0.2 | 17.0 | 1.8 |
| Changes in Inventories | na | na | na | na | na | na | na | na | na | na | na | na | na |
| Net Exports of Goods \& Services | na | na | na | na | na | na | na | na | na | na | na | na | na |
| Exports of Goods \& Services | 4.7 | -7.8 | 19.1 | 2.6 | 24.5 | 19.0 | 12.6 | 8.1 | 1.1 | 0.8 | 0.9 | 2.2 | 2.3 |
| Less: Imports of Goods \& Services | 9.5 | -11.1 | 16.2 | 2.4 | 21.7 | 15.7 | 10.5 | 5.9 | 2.5 | 0.7 | 1.0 | 4.7 | 2.8 |
| Statistical Discrepancy | na | na | na | na | na | na | na | na | na | na | na | na | na |

CHANGES AND CONTRIBUTION TO GROWTH IN TOTAL DEMAND AT 2005 MARKET PRICES [TABLE A1.6]

|  | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | $\begin{gathered} 2012 \\ \mathrm{I} \end{gathered}$ | $\begin{gathered} 2012 \\ \text { II } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | II | III | IV | 1 | 11 | III | IV |  |  |
|  | Percentage Change Over Same Period of Previous Year ${ }^{1}$ |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL DEMAND | 6.3 | -7.6 | 16.1 | 3.2 | 21.0 | 14.3 | 11.2 | 6.9 | 1.9 | 2.5 | 1.8 | 3.7 | 2.7 |
| Total Domestic Demand | 11.6 | -7.0 | 6.9 | 5.4 | 10.7 | -0.2 | 6.4 | 3.4 | 4.9 | 8.5 | 4.9 | 8.5 | 4.0 |
| Final Domestic Demand | 6.9 | -0.5 | 7.3 | 3.4 | 5.0 | 6.6 | 7.6 | 1.3 | 6.5 | 6.0 | 0.1 | 6.8 | 1.5 |
| Consumption Expenditure | 3.9 | 0.9 | 7.4 | 3.4 | 6.6 | 4.7 | 8.6 | 3.5 | 5.4 | 4.9 | 0.2 | 2.2 | 1.4 |
| Public | 6.4 | 3.6 | 11.0 | 0.9 | 3.1 | 9.7 | 15.8 | 4.0 | 4.7 | 1.3 | -5.8 | -4.0 | -0.9 |
| Private | 3.3 | 0.1 | 6.5 | 4.1 | 7.3 | 3.4 | 6.7 | 3.4 | 5.5 | 5.9 | 1.9 | 4.7 | 1.8 |
| Gross Fixed Capital Formation | 13.0 | -2.9 | 7.0 | 3.3 | 2.2 | 10.3 | 5.8 | -3.4 | 8.6 | 8.0 | -0.2 | 17.0 | 1.8 |
| Public | 16.3 | 20.1 | 15.4 | 11.4 | 18.3 | 16.4 | 7.8 | 16.4 | 11.7 | 11.8 | 5.4 | -1.4 | 1.0 |
| Private | 12.6 | -6.0 | 5.5 | 1.8 | -0.1 | 9.2 | 5.4 | -7.6 | 8.1 | 7.3 | -1.3 | 21.8 | 1.9 |
| Changes in Inventories | 3.2 | -5.1 | -0.4 | 1.3 | 4.2 | -4.9 | -1.3 | 1.5 | -0.9 | 1.4 | 3.2 | 1.0 | 1.8 |
| External Demand | 4.7 | -7.8 | 19.1 | 2.6 | 24.5 | 19.0 | 12.6 | 8.1 | 1.1 | 0.8 | 0.9 | 2.2 | 2.3 |
|  | Percentage Contribution To Growth |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL DEMAND | 6.3 | -7.6 | 16.1 | 3.2 | 21.0 | 14.3 | 11.2 | 6.9 | 1.9 | 2.5 | 1.8 | 3.7 | 2.7 |
| Total Domestic Demand | 2.7 | -1.7 | 1.7 | 1.2 | 2.7 | 0.0 | 1.5 | 0.8 | 1.1 | 1.8 | 1.1 | 2.0 | 1.0 |
| Final Domestic Demand | 1.6 | -0.1 | 1.8 | 0.8 | 1.3 | 1.6 | 1.9 | 0.3 | 1.4 | 1.4 | 0.0 | 1.6 | 0.4 |
| Consumption Expenditure | 0.6 | 0.1 | 1.2 | 0.5 | 1.1 | 0.8 | 1.4 | 0.6 | 0.8 | 0.7 | 0.0 | 0.4 | 0.2 |
| Public | 0.2 | 0.1 | 0.4 | 0.0 | 0.1 | 0.3 | 0.5 | 0.2 | 0.1 | 0.0 | -0.2 | -0.2 | 0.0 |
| Private | 0.4 | 0.0 | 0.8 | 0.5 | 1.0 | 0.4 | 0.9 | 0.4 | 0.7 | 0.7 | 0.2 | 0.6 | 0.2 |
| Gross Fixed Capital Formation | 1.0 | -0.2 | 0.6 | 0.3 | 0.2 | 0.8 | 0.5 | -0.3 | 0.7 | 0.6 | 0.0 | 1.3 | 0.2 |
| Public | 0.1 | 0.2 | 0.2 | 0.1 | 0.2 | 0.2 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 |
| Private | 0.9 | -0.4 | 0.4 | 0.1 | 0.0 | 0.6 | 0.4 | -0.5 | 0.5 | 0.5 | -0.1 | 1.3 | 0.1 |
| Changes in Inventories | 1.1 | -1.6 | -0.2 | 0.4 | 1.4 | -1.6 | -0.4 | 0.5 | -0.3 | 0.5 | 1.0 | 0.3 | 0.6 |
| External Demand | 3.6 | -5.9 | 14.4 | 2.0 | 18.4 | 14.4 | 9.7 | 6.1 | 0.8 | 0.6 | 0.7 | 1.7 | 1.7 |

${ }^{1}$ For inventories, this refers instead to change as a percentage of GDP in the previous year.
Source: Singapore Department of Statistics

GROSS FIXED CAPITAL FORMATION AT 2005 MARKET PRICES [TABLE A1.7]

|  | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 11 | III | IV | 1 | II | III | IV | 1 | II |
|  | Million Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL | 66,530.4 | 64,598.8 | 69,100.8 | 71,364.2 | 17,029.3 | 17,490.7 | 17,827.3 | 16,186.2 | 18,497.5 | 18,891.7 | 17,788.8 | 18,933.0 | 18,831.2 |
| Construction \& Works | 29,349.7 | 33,625.3 | 35,135.5 | 35,647.8 | 8,943.9 | 8,791.9 | 8,852.6 | 8,823.5 | 8,931.2 | 8,913.7 | 8,979.4 | 9,169.1 | 9,163.5 |
| Residential Buildings | 11,260.5 | 12,658.2 | 16,073.9 | 16,164.8 | 4,014.5 | 4,134.7 | 4,265.0 | 4,117.5 | 4,180.9 | 4,003.3 | 3,863.1 | 4,174.0 | 4,202.4 |
| Non-Residential Buildings | 13,539.4 | 15,615.0 | 13,085.5 | 13,205.4 | 3,459.3 | 3,175.6 | 3,087.0 | 3,129.3 | 3,272.7 | 3,321.5 | 3,481.9 | 3,501.4 | 3,403.7 |
| Other Construction \& Works | 4,549.8 | 5,352.1 | 5,976.1 | 6,277.6 | 1,470.1 | 1,481.6 | 1,500.6 | 1,576.7 | 1,477.6 | 1,588.9 | 1,634.4 | 1,493.7 | 1,557.4 |
| Transport Equipment | 13,557.7 | 9,223.5 | 6,775.3 | 7,868.2 | 1,170.5 | 1,540.4 | 1,879.8 | 1,144.6 | 2,423.9 | 2,617.7 | 1,682.0 | 3,222.7 | 2,221.2 |
| Machinery, Equipment \& Software | 23,623.0 | 21,750.0 | 27,190.0 | 27,848.2 | 6,914.9 | 7,158.4 | 7,094.9 | 6,218.1 | 7,142.4 | 7,360.3 | 7,127.4 | 6,541.2 | 7,446.5 |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL | 13.0 | -2.9 | 7.0 | 3.3 | 2.2 | 10.3 | 5.8 | -3.4 | 8.6 | 8.0 | -0.2 | 17.0 | 1.8 |
| Construction \& Works | 12.6 | 14.6 | 4.5 | 1.5 | 11.6 | 2.6 | -3.9 | 3.2 | -0.1 | 1.4 | 1.4 | 3.9 | 2.6 |
| Residential Buildings | 11.5 | 12.4 | 27.0 | 0.6 | 33.8 | 26.4 | 19.0 | 12.5 | 4.1 | -3.2 | -9.4 | 1.4 | 0.5 |
| Non-Residential Buildings | 7.3 | 15.3 | -16.2 | 0.9 | -10.1 | -20.3 | -25.7 | -7.0 | -5.4 | 4.6 | 12.8 | 11.9 | 4.0 |
| Other Construction \& Works | 35.4 | 17.6 | 11.7 | 5.0 | 26.3 | 12.9 | 1.5 | 3.5 | 0.5 | 7.2 | 8.9 | -5.3 | 5.4 |
| Transport Equipment | 47.1 | -32.0 | -26.5 | 16.1 | -69.5 | 8.4 | 76.9 | -47.6 | 107.1 | 69.9 | -10.5 | 181.6 | -8.4 |
| Machinery, Equipment \& Software | 0.2 | -7.9 | 25.0 | 2.4 | 43.3 | 21.9 | 7.9 | 3.3 | 3.3 | 2.8 | 0.5 | 5.2 | 4.3 |

CHANGES IN EMPLOYMENT BY SECTOR [TABLE A2.1]

|  | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | 2012 | $\begin{gathered} 2012 \\ \text { Ilp } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 11 | III | IV | 1 | 11 | III | IV | I |  |
|  | Compared To The Previous Period |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL | 221,600 | 37,600 | 115,900 | 122,600 | 24,900 | 20,500 | 33,900 | 28,300 | 24,800 | 31,900 | 37,600 | 27,200 | 29,200 |
| Goods Producing Industries | 85,200 | -21,000 | 3,300 | 26,500 | 300 | 800 | -600 | 2,900 | 5,500 | 10,800 | 7,400 | 11,400 | 13,800 |
| Manufacturing | 19,500 | -43,900 | -800 | 3,400 | $-1,400$ | 200 | -2,500 | 500 | 500 | 3,900 | -1,400 | 2,000 | 4,500 |
| Construction | 64,000 | 24,000 | 3,400 | 22,000 | 1,700 | 300 | 1,400 | 2,300 | 4,600 | 6,700 | 8,400 | 8,700 | 9,500 |
| Others | 1,600 | -1,100 | 700 | 1,100 | 100 | 300 | 500 | 100 | 400 | 200 | 400 | 700 | -200 |
| Services Producing Industries | 136,400 | 58,600 | 112,600 | 96,100 | 24,600 | 19,700 | 34,500 | 25,400 | 19,300 | 21,200 | 30,200 | 15,800 | 15,500 |
| Wholesale \& Retail Trade | 16,400 | 5,700 | 14,500 | 15,900 | 1,700 | 1,800 | 8,200 | 3,100 | 2,100 | 2,900 | 7,900 | 700 | 2,100 |
| Transportation \& Storage | 13,700 | -2,400 | 6,200 | 6,700 | 1,900 | 1,500 | 1,800 | 1,300 | 2,700 | 1,600 | 1,200 | 2,200 | 1,700 |
| Accomodation \& Food Services | 16,900 | 3,200 | 12,700 | 9,200 | 1,000 | 2,300 | 8,500 | -300 | 200 | 3,100 | 6,200 | -500 | -1,300 |
| Information \& Communications | 5,700 | 2,900 | 8,800 | 8,000 | 2,200 | 2,300 | 2,700 | 2,600 | 2,800 | 2,000 | 700 | -100 | 300 |
| Financial \& Insurance Services | 11,500 | 2,200 | 11,400 | 10,900 | 3,000 | 4,100 | 1,600 | 3,300 | 2,600 | 3,000 | 2,100 | 0 | 1,900 |
| Business Services | 36,100 | 15,100 | 25,000 | 21,100 | 7,200 | 6,100 | 3,600 | 6,600 | 6,700 | 3,600 | 4,200 | 4,900 | 8,100 |
| Other Services Industries | 36,100 | 31,900 | 34,000 | 24,300 | 7,700 | 1,500 | 8,100 | 8,900 | 2,300 | 5,100 | 8,000 | 8,800 | 2,600 |

Notes: 1 Prior to 2009, industries are classified according to SSIC 2005 while SSIC 2010 is used for subsequent years.
2 Under Goods Producing Industries, 'Others' comprise Agriculture, Fishing, Quarrying, Utilities, Sewerage and Waste Management.
3 The Business Services sector comprises Real Estate Services, Professional Services and Administrative \& Support Services.
4 Data in the table may not add up to the total due to rounding.
p - Preliminary

LABOUR PRODUCTIVITY BY INDUSTRY ${ }^{1}$ [TABLE A2.2]

|  |  |  |  |  |  | 2010 |  |  |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 | 2009 | 2010 | 2011 | 11 | III | IV | 1 | 11 | III | IV | I | II |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL ${ }^{2}$ | -7.3 | -3.6 | 11.1 | 1.0 | 16.0 | 6.4 | 8.2 | 5.2 | -2.3 | 2.0 | -0.5 | -2.3 | -1.9 |
| Total ${ }^{2}$ (excluding Construction) | -6.7 | -3.1 | 11.6 | 1.0 | 16.5 | 6.5 | 8.5 | 4.9 | -2.5 | 2.1 | -0.3 | -2.2 | -1.5 |
| Goods Producing Industries | -12.4 | -2.3 | 24.5 | 5.5 | 37.8 | 10.9 | 19.2 | 13.5 | -5.4 | 10.0 | 5.3 | -2.8 | 0.1 |
| Manufacturing | -11.2 | 1.5 | 32.2 | 7.7 | 48.2 | 13.8 | 25.5 | 16.5 | -5.4 | 13.4 | 8.7 | -1.4 | 3.0 |
| Construction | -1.2 | 4.2 | 0.5 | -0.2 | 5.2 | 1.1 | -4.3 | 3.2 | -1.0 | -0.8 | -2.2 | 0.3 | -2.6 |
| Services Producing Industries | -3.6 | -4.4 | 6.1 | -0.5 | 7.7 | 5.1 | 4.1 | 2.1 | -0.2 | -1.2 | -2.5 | -2.2 | -2.9 |
| Wholesale \& Retail Trade | -1.5 | -6.2 | 12.2 | -2.4 | 16.0 | 10.9 | 7.2 | 0.7 | -2.5 | -5.0 | -2.7 | -3.6 | -3.4 |
| Transportation \& Storage | -2.1 | -10.6 | 6.5 | 1.0 | 8.6 | 5.8 | 3.0 | 0.7 | 3.5 | 1.1 | -1.0 | 0.6 | -1.6 |
| Accommodation \& Food Services | -9.0 | -5.9 | 7.1 | -0.1 | 10.8 | 5.9 | 3.7 | 2.3 | 0.0 | -0.2 | -2.2 | 1.1 | -1.0 |
| Information \& Communications | 0.0 | -0.8 | -2.8 | -8.6 | -1.6 | -3.4 | -5.7 | -7.6 | -8.8 | -9.7 | -8.1 | -5.0 | -2.6 |
| Finance \& Insurance | -7.1 | -0.2 | 6.4 | 1.5 | 5.3 | 2.0 | 4.7 | 3.7 | 1.8 | 3.9 | -3.0 | -4.7 | -4.1 |
| Business Services | -5.2 | -1.6 | 0.4 | -2.7 | 1.9 | 0.0 | -1.8 | -1.2 | -3.3 | -3.2 | -3.1 | -1.5 | -1.5 |
| Other Services Industries | -4.4 | -0.3 | 8.1 | 2.5 | 10.2 | 10.2 | 10.8 | 10.4 | 2.1 | 0.0 | -1.6 | -0.2 | -3.6 |

[^7]Source: Singapore Department of Statistics and Manpower Research \& Statistics Department, Ministry of Manpower

INDICES OF UNIT BUSINESS COST AND UNIT LABOUR COST [TABLE A2.3]

|  |  |  |  |  | 2010 |  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 | 2009 | 2010 | 2011 | 11 | III | IV | 1 | II | III | IV | 1 | II |
|  | 2005=100 |  |  |  |  |  |  |  |  |  |  |  |  |
| UNIT LABOUR COST INDEX OF OVERALL ECONOMY | 112.6 | 113.5 | 110.9 | 114.7 | 99.1 | 103.8 | 120.9 | 123.2 | 107.3 | 105.5 | 123.0 | 128.3 | 113.0 |
| UNIT BUSINESS COST INDEX OF MANUFACTURING | 114.1 | 107.9 | 102.5 | 105.1 | 95.4 | 101.0 | 106.5 | 106.6 | 103.0 | 101.9 | 109.0 | 112.4 | 106.9 |
| Unit Labour Cost | 114.1 | 109.3 | 92.1 | 89.8 | 74.8 | 87.1 | 101.6 | 96.5 | 85.2 | 80.4 | 97.0 | 101.0 | 85.5 |
| Services Cost | 113.9 | 107.4 | 109.6 | 115.3 | 109.0 | 110.3 | 109.9 | 113.4 | 114.7 | 116.1 | 116.9 | 119.8 | 120.7 |
| Government Rates \& Fees | 124.8 | 79.8 | 87.1 | 103.3 | 84.4 | 90.0 | 93.3 | 98.2 | 101.0 | 105.5 | 108.7 | 114.5 | 121.9 |
| Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |  |
| UNIT LABOUR COST INDEX OF OVERALL ECONOMY | 4.1 | 0.8 | -2.2 | 3.4 | -6.5 | 3.2 | 3.0 | 2.7 | 8.2 | 1.6 | 1.7 | 4.1 | 5.4 |
| UNIT BUSINESS COST INDEX OF MANUFACTURING | 11.0 | -5.4 | -5.0 | 2.6 | -7.1 | 2.6 | -2.9 | -0.4 | 8.0 | 0.9 | 2.3 | 5.4 | 3.7 |
| Unit Labour Cost | 13.1 | -4.2 | -15.8 | -2.5 | -24.5 | -0.5 | -10.7 | -7.9 | 13.9 | -7.7 | -4.6 | 4.7 | 0.3 |
| Services Cost | 9.7 | -5.7 | 2.0 | 5.2 | 3.5 | 4.2 | 2.3 | 4.0 | 5.2 | 5.2 | 6.4 | 5.6 | 5.2 |
| Government Rates \& Fees | 9.7 | -36.0 | 9.1 | 18.6 | 6.2 | 14.9 | 16.9 | 21.8 | 19.6 | 17.2 | 16.5 | 16.6 | 20.7 |

Note: The weights are based on the 2005 input structure and are used in the compilation of the indices from 2005 onwards.
Source: Singapore Department of Statistics

CONSUMER PRICE INDEX [TABLE A3.1]

|  | Weights ${ }^{1}$ | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | 11 | III | IV | 1 | II | III | IV | I | II |
|  |  | 2009=100 |  |  |  |  |  |  |  |  |  |  |  |  |
| ALL ITEMS | 10,000 | 99.4 | 100.0 | 102.8 | 108.2 | 102.3 | 103.4 | 104.4 | 106.3 | 107.1 | 109.2 | 110.2 | 111.5 | 112.7 |
| Food | 2,205 | 97.7 | 100.0 | 101.3 | 104.4 | 101.0 | 101.6 | 102.0 | 103.4 | 104.0 | 104.7 | 105.7 | 106.6 | 106.5 |
| Food Excl Prepared Meals | 851 | 97.5 | 99.9 | 102.2 | 105.9 | 101.8 | 102.7 | 103.2 | 105.3 | 105.3 | 105.8 | 107.1 | 108.5 | 107.9 |
| Prepared Meals | 1,354 | 97.9 | 100.0 | 100.8 | 103.5 | 100.6 | 100.9 | 101.3 | 102.2 | 103.2 | 103.9 | 104.8 | 105.3 | 105.6 |
| Clothing \& Footwear | 341 | 99.0 | 99.9 | 100.4 | 100.5 | 99.4 | 101.1 | 101.6 | 100.2 | 100.1 | 100.8 | 101.1 | 101.6 | 101.0 |
| Housing | 2,548 | 98.3 | 100.0 | 102.0 | 110.5 | 100.9 | 102.9 | 103.8 | 106.6 | 108.3 | 112.8 | 114.1 | 116.6 | 118.8 |
| Transport | 1,553 | 103.2 | 100.0 | 110.3 | 123.5 | 110.4 | 111.9 | 114.2 | 121.0 | 121.3 | 125.2 | 126.4 | 127.6 | 131.5 |
| Communications | 475 | 99.7 | 99.9 | 97.7 | 96.2 | 96.9 | 98.3 | 98.0 | 96.5 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 |
| Education \& Stationery | 735 | 99.2 | 100.0 | 102.7 | 105.7 | 102.0 | 103.3 | 103.9 | 105.2 | 105.4 | 106.1 | 106.2 | 108.3 | 109.2 |
| Health Care | 586 | 98.0 | 100.0 | 101.9 | 104.3 | 101.4 | 102.5 | 102.9 | 103.8 | 104.0 | 104.4 | 105.1 | 107.5 | 108.5 |
| Recreation \& Others | 1,557 | 100.3 | 100.0 | 101.1 | 102.5 | 100.8 | 101.1 | 102.3 | 101.1 | 102.3 | 102.8 | 103.8 | 103.9 | 103.8 |
| All Items Less Accommodation | 7,998 | 100.5 | 100.0 | 103.3 | 107.6 | 103.0 | 103.9 | 104.7 | 106.3 | 106.9 | 108.3 | 109.1 | 110.1 | 111.0 |
|  |  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| ALL ITEMS | 10,000 | 6.6 | 0.6 | 2.8 | 5.2 | 3.1 | 3.4 | 4.0 | 5.2 | 4.7 | 5.5 | 5.5 | 4.9 | 5.3 |
| Food | 2,205 | 7.7 | 2.3 | 1.4 | 3.1 | 1.2 | 1.6 | 1.9 | 2.7 | 2.9 | 3.0 | 3.6 | 3.0 | 2.4 |
| Food Excl Prepared Meals | 851 | 9.7 | 2.5 | 2.3 | 3.6 | 2.1 | 3.1 | 3.2 | 4.0 | 3.5 | 3.1 | 3.7 | 3.0 | 2.5 |
| Prepared Meals | 1,354 | 6.1 | 2.1 | 0.8 | 2.8 | 0.7 | 0.7 | 1.0 | 1.9 | 2.6 | 3.0 | 3.5 | 3.1 | 2.4 |
| Clothing \& Footwear | 341 | 1.5 | 0.8 | 0.5 | 0.2 | 0.6 | 0.4 | 1.0 | 0.8 | 0.7 | -0.3 | -0.4 | 1.4 | 1.0 |
| Housing | 2,548 | 13.3 | 1.7 | 2.0 | 8.3 | 2.2 | 3.5 | 4.2 | 6.1 | 7.3 | 9.7 | 9.9 | 9.4 | 9.7 |
| Transport | 1,553 | 4.2 | -3.2 | 10.3 | 11.9 | 12.9 | 9.6 | 10.6 | 15.6 | 9.8 | 11.8 | 10.7 | 5.5 | 8.5 |
| Communications | 475 | 0.2 | 0.2 | -2.2 | -1.5 | -3.7 | -2.0 | -0.3 | -1.2 | -0.8 | -2.2 | -1.8 | -0.3 | 0.1 |
| Education \& Stationery | 735 | 3.3 | 0.8 | 2.7 | 2.9 | 2.2 | 3.2 | 3.7 | 3.5 | 3.2 | 2.6 | 2.3 | 3.0 | 3.6 |
| Health Care | 586 | 5.6 | 2.0 | 1.9 | 2.4 | 1.7 | 2.4 | 2.6 | 3.0 | 2.5 | 1.9 | 2.2 | 3.6 | 4.4 |
| Recreation \& Others | 1,557 | 3.6 | -0.3 | 1.2 | 1.4 | 0.9 | 2.0 | 2.3 | 0.9 | 1.5 | 1.7 | 1.5 | 2.8 | 1.5 |
| All Items Less Accommodation | 7,998 | 5.4 | -0.5 | 3.3 | 4.2 | 3.9 | 3.8 | 3.8 | 4.7 | 3.8 | 4.2 | 4.2 | 3.6 | 3.9 |

${ }^{1}$ Derived by relating expenditure on the item to the total monthly household expenditure.
Source: Singapore Department of Statistics The expenditure values were obtained from the 2007/08 Household Expenditure Survey and updated to price level in 2009.

PRICE INDICES [TABLE A3.2]

|  |  |  |  |  | 2010 |  |  | 2011 |  |  |  | 2012 | $\begin{gathered} 2012 \\ \text { II } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 | 2009 | 2010 | 2011 | 11 | III | IV | 1 | II | III | IV | 1 |  |
|  | 2006=100 |  |  |  |  |  |  |  |  |  |  |  |  |
| Domestic Supply Price Index | 107.8 | 92.8 | 97.2 | 105.4 | 98.3 | 95.2 | 97.3 | 104.2 | 105.9 | 104.1 | 107.4 | 110.0 | 105.7 |
| Singapore Manufactured Products Price Index | 101.8 | 88.1 | 89.7 | 94.5 | 91.0 | 87.8 | 89.0 | 93.8 | 95.3 | 93.1 | 95.5 | 97.5 | 94.5 |
| Import Price Index | 101.1 | 93.0 | 93.7 | 98.2 | 94.1 | 92.6 | 93.6 | 97.8 | 98.3 | 96.8 | 99.8 | 100.9 | 98.1 |
| Export Price Index | 97.6 | 89.3 | 90.5 | 92.7 | 91.6 | 89.6 | 89.5 | 92.6 | 93.2 | 91.1 | 93.7 | 94.2 | 92.2 |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| Domestic Supply Price Index | 7.5 | -13.9 | 4.7 | 8.4 | 7.0 | -0.2 | 0.9 | 6.2 | 7.8 | 9.3 | 10.4 | 5.5 | -0.1 |
| Singapore Manufactured Products Price Index | 3.4 | -13.4 | 1.7 | 5.3 | 3.6 | -2.3 | -0.9 | 3.3 | 4.7 | 6.1 | 7.3 | 3.9 | -0.9 |
| Import Price Index | 3.0 | -8.0 | 0.7 | 4.8 | 1.6 | -1.5 | -0.5 | 3.6 | 4.5 | 4.5 | 6.6 | 3.2 | -0.2 |
| Export Price Index | 1.3 | -8.4 | 1.4 | 2.3 | 3.3 | -0.8 | -0.8 | 1.2 | 1.8 | 1.6 | 4.8 | 1.8 | -1.1 |

DOMESTIC SUPPLY PRICE INDEX [TABLE A3.3]

|  | Weights ${ }^{1}$ | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | 11 | III | IV | 1 | II | III | IV | I | II |
|  |  | 2006=100 |  |  |  |  |  |  |  |  |  |  |  |  |
| ALL ITEMS | 10,000 | 107.8 | 92.8 | 97.2 | 105.4 | 98.3 | 95.2 | 97.3 | 104.2 | 105.9 | 104.1 | 107.4 | 110.0 | 105.7 |
| Food | 308 | 117.4 | 116.7 | 121.3 | 125.3 | 121.2 | 121.7 | 121.4 | 124.1 | 124.7 | 125.0 | 127.2 | 124.6 | 122.6 |
| Beverages \& Tobacco | 54 | 98.6 | 100.5 | 99.7 | 98.0 | 100.0 | 99.5 | 98.2 | 98.5 | 98.1 | 97.4 | 98.0 | 98.0 | 98.1 |
| Crude Materials | 43 | 133.3 | 101.8 | 105.3 | 116.5 | 107.8 | 104.0 | 107.7 | 114.7 | 115.6 | 116.6 | 119.1 | 121.4 | 121.2 |
| Mineral Fuels | 2,855 | 133.6 | 88.7 | 105.6 | 135.3 | 107.2 | 99.8 | 108.5 | 129.9 | 137.9 | 133.5 | 139.9 | 150.1 | 136.6 |
| Animal \& Vegetable Oils | 27 | 135.4 | 111.4 | 124.9 | 148.5 | 122.1 | 128.1 | 134.4 | 147.8 | 149.6 | 147.9 | 148.8 | 144.2 | 144.1 |
| Chemicals \& Chemical Products | 1,373 | 106.2 | 93.6 | 100.3 | 105.5 | 101.3 | 98.4 | 100.5 | 104.4 | 106.1 | 105.1 | 106.1 | 106.4 | 105.4 |
| Manufactured Goods | 807 | 115.3 | 103.7 | 105.4 | 107.6 | 106.0 | 105.6 | 105.9 | 108.2 | 108.2 | 107.3 | 106.9 | 105.4 | 104.6 |
| Machinery \& Equipment | 3,786 | 87.9 | 89.3 | 84.6 | 80.4 | 85.5 | 84.4 | 82.4 | 82.2 | 79.9 | 78.6 | 81.1 | 80.8 | 80.7 |
| Miscellaneous Manufactures | 747 | 99.9 | 102.1 | 103.2 | 105.4 | 103.9 | 103.0 | 103.1 | 102.7 | 103.1 | 105.7 | 110.0 | 108.5 | 107.6 |
|  |  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| ALL ITEMS | 10,000 | 7.5 | -13.9 | 4.7 | 8.4 | 7.0 | -0.2 | 0.9 | 6.2 | 7.8 | 9.3 | 10.4 | 5.5 | -0.1 |
| Food | 308 | 10.2 | -0.6 | 3.9 | 3.3 | 5.2 | 4.3 | 3.5 | 2.6 | 2.9 | 2.8 | 4.8 | 0.4 | -1.7 |
| Beverages \& Tobacco | 54 | 0.0 | 1.9 | -0.9 | -1.7 | -0.2 | -0.8 | -2.9 | -2.4 | -1.9 | -2.1 | -0.2 | -0.6 | 0.0 |
| Crude Materials | 43 | 7.7 | -23.7 | 3.4 | 10.7 | 8.0 | 5.3 | 9.2 | 13.0 | 7.2 | 12.1 | 10.6 | 5.8 | 4.8 |
| Mineral Fuels | 2,855 | 26.5 | -33.6 | 19.1 | 28.1 | 26.1 | 2.1 | 4.4 | 21.4 | 28.6 | 33.8 | 28.9 | 15.5 | -0.9 |
| Animal \& Vegetable Oils | 27 | 22.5 | -17.7 | 12.2 | 18.9 | 9.4 | 11.4 | 19.5 | 28.5 | 22.5 | 15.5 | 10.7 | -2.4 | -3.7 |
| Chemicals \& Chemical Products | 1,373 | 3.5 | -11.9 | 7.2 | 5.2 | 8.8 | 2.0 | 5.0 | 3.4 | 4.8 | 6.8 | 5.6 | 2.0 | -0.7 |
| Manufactured Goods | 807 | 7.1 | -10.1 | 1.6 | 2.1 | 3.0 | 2.6 | 3.8 | 3.8 | 2.1 | 1.6 | 1.0 | -2.6 | -3.3 |
| Machinery \& Equipment | 3,786 | -5.6 | 1.6 | -5.2 | -4.9 | -4.9 | -4.7 | -5.1 | -4.6 | -6.5 | -6.8 | -1.7 | -1.7 | 1.0 |
| Miscellaneous Manufactures | 747 | 0.5 | 2.2 | 1.1 | 2.1 | 1.9 | 1.8 | 1.3 | 0.1 | -0.8 | 2.6 | 6.7 | 5.6 | 4.4 |

${ }^{1}$ The weights refer to 2006 distribution pattern of retained imports and locally manufactured goods sold in the domestic market and are used in the computation of the indices from 2006 onwards.

EXCHANGE RATES [TABLE A4.1]

|  |  |  |  |  | 2010 |  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 | 2009 | 2010 | 2011 | 11 | III | IV | 1 | II | III | IV | 1 | II |
| SINGAPORE DOLLAR PER | Average For Period |  |  |  |  |  |  |  |  |  |  |  |  |
| US Dollar | 1.4148 | 1.4545 | 1.3635 | 1.2579 | 1.3911 | 1.3567 | 1.3034 | 1.2780 | 1.2400 | 1.2255 | 1.2881 | 1.2642 | 1.2641 |
| Malaysian Ringgit | 0.4247 | 0.4126 | 0.4234 | 0.4111 | 0.4293 | 0.4298 | 0.4185 | 0.4193 | 0.4108 | 0.4059 | 0.4085 | 0.4131 | 0.4059 |
| Euro | 2.0771 | 2.0242 | 1.8095 | 1.7495 | 1.7727 | 1.7507 | 1.7710 | 1.7465 | 1.7845 | 1.7317 | 1.7352 | 1.6577 | 1.6225 |
| Pound Sterling | 2.6162 | 2.2737 | 2.1073 | 2.0161 | 2.0752 | 2.1022 | 2.0599 | 2.0470 | 2.0224 | 1.9721 | 2.0229 | 1.9859 | 2.0004 |
| 100 Japanese Yen | 1.3738 | 1.5562 | 1.5543 | 1.5780 | 1.5098 | 1.5805 | 1.5794 | 1.5524 | 1.5188 | 1.5762 | 1.6648 | 1.5967 | 1.5780 |
| 100 Korean Won | 0.1306 | 0.1143 | 0.1180 | 0.1135 | 0.1196 | 0.1147 | 0.1151 | 0.1142 | 0.1144 | 0.1131 | 0.1124 | 0.1118 | 0.1096 |
| 100 New Taiwan Dollar | 4.4874 | 4.4023 | 4.3292 | 4.2798 | 4.3725 | 4.2516 | 4.2964 | 4.3626 | 4.2994 | 4.2008 | 4.2564 | 4.2586 | 4.2678 |
| Hong Kong Dollar | 0.1817 | 0.1876 | 0.1755 | 0.1616 | 0.1788 | 0.1746 | 0.1679 | 0.1641 | 0.1594 | 0.1573 | 0.1656 | 0.1629 | 0.1629 |
| Australian Dollar | 1.2016 | 1.1473 | 1.2524 | 1.2971 | 1.2298 | 1.2249 | 1.2870 | 1.2836 | 1.3165 | 1.2874 | 1.3008 | 1.3339 | 1.2762 |
| SINGAPORE DOLLAR PER | Percentage Change Over Previous Period |  |  |  |  |  |  |  |  |  |  |  |  |
| US Dollar | 6.5 | -2.7 | 6.7 | 8.4 | 0.8 | 2.5 | 4.1 | 2.0 | 3.1 | 1.2 | -4.9 | 1.9 | 0.0 |
| Malaysian Ringgit | 3.2 | 2.9 | -2.6 | 3.0 | -3.1 | -0.1 | 2.7 | -0.2 | 2.1 | 1.2 | -0.6 | -1.1 | 1.8 |
| Euro | -0.6 | 2.6 | 11.9 | 3.4 | 9.6 | 1.3 | -1.1 | 1.4 | -2.1 | 3.0 | -0.2 | 4.7 | 2.2 |
| Pound Sterling | 15.3 | 15.1 | 7.9 | 4.5 | 5.6 | -1.3 | 2.1 | 0.6 | 1.2 | 2.6 | -2.5 | 1.9 | -0.7 |
| Japanese Yen | -6.8 | -11.7 | 0.1 | -1.5 | 2.5 | -4.5 | 0.1 | 1.7 | 2.2 | -3.6 | -5.3 | 4.3 | 1.2 |
| Korean Won | 24.2 | 14.3 | -3.1 | 4.0 | 2.5 | 4.3 | -0.3 | 0.8 | -0.2 | 1.1 | 0.6 | 0.5 | 2.0 |
| New Taiwan Dollar | 2.2 | 1.9 | 1.7 | 1.2 | 0.5 | 2.8 | -1.0 | -1.5 | 1.5 | 2.3 | -1.3 | -0.1 | -0.2 |
| Hong Kong Dollar | 6.3 | -3.1 | 6.9 | 8.6 | 1.1 | 2.4 | 4.0 | 2.3 | 2.9 | 1.3 | -5.0 | 1.7 | 0.0 |
| Australian Dollar | 5.1 | 4.7 | -8.4 | -3.4 | 3.1 | 0.4 | -4.8 | 0.3 | -2.5 | 2.3 | -1.0 | -2.5 | 4.5 |

EXCHANGE RATES - Cont'd [TAble A4.1]

|  |  |  |  |  | 2010 |  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 | 2009 | 2010 | 2011 | 11 | III | IV | 1 | 11 | III | IV | 1 | II |
| SINGAPORE DOLLAR PER | End Of Period |  |  |  |  |  |  |  |  |  |  |  |  |
| US Dollar | 1.4392 | 1.4034 | 1.2875 | 1.3007 | 1.4013 | 1.3175 | 1.2875 | 1.2617 | 1.2292 | 1.3003 | 1.3007 | 1.2572 | 1.2737 |
| Malaysian Ringgit | 0.4155 | 0.4097 | 0.4175 | 0.4094 | 0.4302 | 0.4269 | 0.4175 | 0.4170 | 0.4072 | 0.4076 | 0.4094 | 0.4098 | 0.3994 |
| Euro | 2.0258 | 2.0163 | 1.7120 | 1.6835 | 1.7113 | 1.7919 | 1.7120 | 1.7828 | 1.7838 | 1.7593 | 1.6835 | 1.6782 | 1.6023 |
| Pound Sterling | 2.0769 | 2.2541 | 1.9887 | 2.0048 | 2.1108 | 2.0872 | 1.9887 | 2.0296 | 1.9802 | 2.0273 | 2.0048 | 2.0083 | 1.9889 |
| 100 Japanese Yen | 1.5924 | 1.5194 | 1.5798 | 1.6777 | 1.5822 | 1.5760 | 1.5798 | 1.5248 | 1.5284 | 1.6975 | 1.6777 | 1.5321 | 1.6056 |
| 100 Korean Won | 0.1143 | 0.1204 | 0.1141 | 0.1124 | 0.1142 | 0.1155 | 0.1141 | 0.1146 | 0.1150 | 0.1102 | 0.1124 | 0.1107 | 0.1107 |
| 100 New Taiwan Dollar | 4.3887 | 4.3656 | 4.4163 | 4.2920 | 4.3546 | 4.2172 | 4.4163 | 4.2808 | 4.2799 | 4.2555 | 4.2920 | 4.2587 | 4.2649 |
| Hong Kong Dollar | 0.1857 | 0.1810 | 0.1655 | 0.1674 | 0.1800 | 0.1698 | 0.1655 | 0.1620 | 0.1579 | 0.1668 | 0.1674 | 0.1619 | 0.1642 |
| Australian Dollar | 0.9959 | 1.2567 | 1.3091 | 1.3200 | 1.1928 | 1.2748 | 1.3091 | 1.3026 | 1.3202 | 1.2668 | 1.3200 | 1.3074 | 1.2915 |
| SINGAPORE DOLLAR PER | Percentage Change Over Previous Period |  |  |  |  |  |  |  |  |  |  |  |  |
| US Dollar | 0.1 | 2.6 | 9.0 | -1.0 | 0.1 | 6.4 | 2.3 | 2.0 | 2.6 | -5.5 | 0.0 | 3.5 | -1.3 |
| Malaysian Ringgit | 4.9 | 1.4 | -1.9 | 2.0 | -0.4 | 0.8 | 2.3 | 0.1 | 2.4 | -0.1 | -0.4 | -0.1 | 2.6 |
| Euro | 4.9 | 0.5 | 17.8 | 1.7 | 9.8 | -4.5 | 4.7 | -4.0 | -0.1 | 1.4 | 4.5 | 0.3 | 4.7 |
| Pound Sterling | 38.7 | -7.9 | 13.3 | -0.8 | 0.2 | 1.1 | 5.0 | -2.0 | 2.5 | -2.3 | 1.1 | -0.2 | 1.0 |
| Japanese Yen | -19.2 | 4.8 | -3.8 | -5.8 | -5.1 | 0.4 | -0.2 | 3.6 | -0.2 | -10.0 | 1.2 | 9.5 | -4.6 |
| Korean Won | 34.7 | -5.1 | 5.5 | 1.5 | 8.4 | -1.1 | 1.2 | -0.4 | -0.3 | 4.4 | -2.0 | 1.5 | 0.0 |
| New Taiwan Dollar | 1.2 | 0.5 | -1.1 | 2.9 | 1.4 | 3.3 | -4.5 | 3.2 | 0.0 | 0.6 | -0.9 | 0.8 | -0.1 |
| Hong Kong Dollar | -0.5 | 2.6 | 9.4 | -1.1 | 0.4 | 6.0 | 2.6 | 2.2 | 2.6 | -5.3 | -0.4 | 3.4 | -1.4 |
| Australian Dollar | 27.6 | -20.8 | -4.0 | -0.8 | 7.6 | -6.4 | -2.6 | 0.5 | -1.3 | 4.2 | -4.0 | 1.0 | 1.2 |

INTEREST RATES (At End Of Period) [TABLE A5.1]

|  |  |  |  |  | 2010 |  |  | 2011 |  |  |  | 2012 | $\begin{gathered} 2012 \\ \text { II } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 | 2009 | 2010 | 2011 | 11 | III | IV | 1 | II | III | IV | I |  |
|  | Per Cent Per Annum |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 - Month Treasury Bill Rate ${ }^{1}$ | 0.57 | 0.55 | 0.39 | 0.37 | 0.33 | 0.30 | 0.39 | 0.25 | 0.32 | 0.22 | 0.37 | 0.30 | 0.28 |
| 3 - Month Interbank Rate ${ }^{2}$ | 1.00 | 0.69 | 0.44 | 0.38 | 0.56 | 0.50 | 0.44 | 0.44 | 0.44 | 0.25 | 0.38 | 0.38 | 0.38 |
| 3 - Month US\$ SIBOR Rate | 1.44 | 0.25 | 0.30 | 0.58 | 0.54 | 0.29 | 0.30 | 0.31 | 0.25 | 0.37 | 0.58 | 0.47 | 0.46 |
| Banks' Rates ${ }^{3}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Prime Lending Rate | 5.38 | 5.38 | 5.38 | 5.38 | 5.38 | 5.38 | 5.38 | 5.38 | 5.38 | 5.38 | 5.38 | 5.38 | 5.38 |
| Fixed Deposits |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 Months | 0.39 | 0.25 | 0.19 | 0.14 | 0.21 | 0.20 | 0.19 | 0.18 | 0.18 | 0.16 | 0.14 | 0.13 | 0.14 |
| 6 Months | 0.51 | 0.34 | 0.28 | 0.19 | 0.30 | 0.29 | 0.28 | 0.26 | 0.26 | 0.23 | 0.19 | 0.19 | 0.19 |
| 12 Months | 0.70 | 0.53 | 0.45 | 0.32 | 0.48 | 0.47 | 0.45 | 0.43 | 0.43 | 0.38 | 0.32 | 0.29 | 0.30 |
| Savings Deposits | 0.22 | 0.15 | 0.13 | 0.11 | 0.14 | 0.14 | 0.13 | 0.12 | 0.12 | 0.12 | 0.11 | 0.11 | 0.11 |
| Finance Companies' Rates ${ }^{4}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fixed Deposits - 3 Months | 0.46 | 0.25 | 0.19 | 0.15 | 0.22 | 0.19 | 0.19 | 0.16 | 0.16 | 0.15 | 0.15 | 0.15 | 0.15 |
| Savings Deposits | 0.25 | 0.25 | 0.25 | 0.17 | 0.25 | 0.25 | 0.25 | 0.25 | 0.22 | 0.22 | 0.17 | 0.17 | 0.17 |

[^8]Source: Monetary Authority of Singapore

EXTERNAL TRADE [TABLE A6.1]

|  | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 11 | III | IV | 1 | II | III | IV | 1 | II |
|  | Million Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL TRADE AT CURRENT PRICES | 927,654.8 | 747,417.4 | 902,062.6 | 974,396.3 | 227,403.6 | 234,328.3 | 230,517.7 | 234,698.8 | 244,462.2 | 247,011.0 | 248,224.4 | 252,203.4 | 251,667.8 |
| Imports | 450,892.6 | 356,299.2 | 423,221.8 | 459,655.1 | 107,265.5 | 109,285.2 | 106,756.1 | 110,061.5 | 116,242.5 | 116,070.6 | 117,280.5 | 121,597.6 | 121,594.9 |
| Exports | 476,762.2 | 391,118.2 | 478,840.7 | 514,741.2 | 120,138.1 | 125,043.1 | 123,761.6 | 124,637.2 | 128,219.7 | 130,940.4 | 130,943.9 | 130,605.8 | 130,072.8 |
| Domestic Exports | 247,618.0 | 200,003.1 | 248,609.8 | 281,349.7 | 62,724.4 | 64,663.6 | 64,924.7 | 67,203.6 | 69,328.9 | 74,020.2 | 70,796.9 | 73,945.0 | 73,581.8 |
| Oil | 89,526.2 | 58,655.0 | 75,011.1 | 103,953.8 | 19,913.7 | 18,412.2 | 19,270.3 | 23,545.1 | 25,714.9 | 28,320.6 | 26,373.2 | 27,645.0 | 28,266.3 |
| Non-oil | 158,091.8 | 141,348.2 | 173,598.8 | 177,395.8 | 42,810.7 | 46,251.3 | 45,654.4 | 43,658.5 | 43,614.0 | 45,699.6 | 44,423.7 | 46,300.0 | 45,315.4 |
| Re-Exports | 229,144.2 | 191,115.0 | 230,230.9 | 233,391.6 | 57,413.6 | 60,379.5 | 58,836.9 | 57,433.6 | 58,890.7 | 56,920.1 | 60,147.1 | 56,660.7 | 56,491.1 |
| TOTAL TRADE AT 2006 PRICES | 919,383.0 | 814,183.9 | 967,109.7 | 987,452.5 | 241,556.7 | 254,623.5 | 248,725.5 | 238,559.4 | 246,230.8 | 253,748.3 | 248,914.0 | 249,133.9 | 254,790.9 |
| Imports | 442,134.3 | 385,867.8 | 448,194.0 | 453,844.5 | 112,797.9 | 117,541.8 | 113,248.1 | 108,692.8 | 114,365.0 | 116,358.4 | 114,428.3 | 115,978.1 | 119,981.6 |
| Exports | 477,248.7 | 428,316.1 | 518,915.7 | 533,608.0 | 128,758.7 | 137,081.7 | 135,477.4 | 129,866.6 | 131,865.7 | 137,389.9 | 134,485.8 | 133,155.8 | 134,809.3 |
| Domestic Exports | 237,047.9 | 220,099.2 | 264,392.3 | 279,769.9 | 65,620.2 | 69,862.8 | 69,867.4 | 67,847.9 | 68,250.7 | 74,286.8 | 69,384.5 | 71,935.6 | 72,551.7 |
| Oil | 63,851.1 | 62,917.5 | 67,021.2 | 72,525.1 | 17,541.1 | 17,152.2 | 16,687.0 | 17,345.3 | 17,417.0 | 19,892.8 | 17,870.0 | 17,779.5 | 19,438.7 |
| Non-oil | 173,196.8 | 157,181.6 | 197,371.1 | 207,244.8 | 48,079.1 | 52,710.6 | 53,180.4 | 50,502.6 | 50,833.8 | 54,394.0 | 51,514.5 | 54,156.2 | 53,113.0 |
| Re-Exports | 240,200.8 | 208,216.9 | 254,523.4 | 253,838.1 | 63,138.5 | 67,218.9 | 65,610.1 | 62,018.7 | 63,615.0 | 63,103.1 | 65,101.3 | 61,220.2 | 62,257.6 |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL TRADE AT CURRENT PRICES | 9.6 | -19.4 | 20.7 | 8.0 | 27.8 | 17.9 | 12.2 | 11.9 | 7.5 | 5.4 | 7.7 | 7.5 | 2.9 |
| Imports | 13.9 | -21.0 | 18.8 | 8.6 | 26.4 | 15.6 | 9.7 | 10.2 | 8.4 | 6.2 | 9.9 | 10.5 | 4.6 |
| Exports | 5.8 | -18.0 | 22.4 | 7.5 | 29.1 | 20.0 | 14.5 | 13.4 | 6.7 | 4.7 | 5.8 | 4.8 | 1.4 |
| Domestic Exports | 5.4 | -19.2 | 24.3 | 13.2 | 33.4 | 19.2 | 15.8 | 19.4 | 10.5 | 14.5 | 9.0 | 10.0 | 6.1 |
| Oil | 41.5 | -34.5 | 27.9 | 38.6 | 48.0 | 9.2 | 11.8 | 35.2 | 29.1 | 53.8 | 36.9 | 17.4 | 9.9 |
| Non-oil | -7.9 | -10.6 | 22.8 | 2.2 | 27.6 | 23.7 | 17.6 | 12.3 | 1.9 | -1.2 | -2.7 | 6.1 | 3.9 |
| Re-Exports | 6.2 | -16.6 | 20.5 | 1.4 | 24.6 | 20.9 | 13.0 | 7.2 | 2.6 | -5.7 | 2.2 | -1.3 | -4.1 |
| TOTAL TRADE AT 2006 PRICES | 6.1 | -11.4 | 18.8 | 2.1 | 23.8 | 19.8 | 13.2 | 7.4 | 1.9 | -0.3 | 0.1 | 4.4 | 3.5 |
| Imports | 9.6 | -12.7 | 16.2 | 1.3 | 21.8 | 17.5 | 10.4 | 3.9 | 1.4 | -1.0 | 1.0 | 6.7 | 4.9 |
| Exports | 3.0 | -10.3 | 21.2 | 2.8 | 25.6 | 21.8 | 15.8 | 10.4 | 2.4 | 0.2 | -0.7 | 2.5 | 2.2 |
| Domestic Exports | -0.9 | -7.1 | 20.1 | 5.8 | 25.3 | 19.7 | 16.3 | 14.9 | 4.0 | 6.3 | -0.7 | 6.0 | 6.3 |
| Oil | 8.5 | -1.5 | 6.5 | 8.2 | 15.6 | 2.0 | 3.1 | 10.9 | -0.7 | 16.0 | 7.1 | 2.5 | 11.6 |
| Non-oil | -4.0 | -9.2 | 25.6 | 5.0 | 29.2 | 26.9 | 21.2 | 16.4 | 5.7 | 3.2 | -3.1 | 7.2 | 4.5 |
| Re-Exports | 7.2 | -13.3 | 22.2 | -0.3 | 25.9 | 24.1 | 15.2 | 5.9 | 0.8 | -6.1 | -0.8 | -1.3 | -2.1 |

[^9]IMPORTS BY COMMODITY AT CURRENT PRICES [TABLE A6.2]

|  | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 11 | III | IV | 1 | 11 | III | IV | 1 | II |
|  | Million Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL | 450,892.6 | 356,299.2 | 423,221.8 | 459,655.1 | 107,265.5 | 109,285.2 | 106,756.1 | 110,061.5 | 116,242.5 | 116,070.6 | 117,280.5 | 121,597.6 | 121,594.9 |
| Oil | 128,791.8 | 89,000.6 | 115,591.6 | 149,945.6 | 30,227.3 | 29,017.8 | 27,962.2 | 36,824.1 | 38,446.2 | 37,880.6 | 36,794.6 | 42,897.2 | 40,496.8 |
| Non-Oil | 322,100.8 | 267,298.6 | 307,630.2 | 309,709.6 | 77,038.3 | 80,267.4 | 78,793.9 | 73,237.5 | 77,796.3 | 78,190.0 | 80,485.9 | 78,700.4 | 81,098.1 |
| Food, Beverages \& Tobacco | 11,538.6 | 10,797.6 | 12,358.1 | 13,974.4 | 2,986.6 | 3,251.7 | 3,341.7 | 3,091.0 | 3,450.7 | 3,575.3 | 3,857.4 | 3,309.9 | 3,421.3 |
| Crude Materials | 3,365.0 | 3,593.1 | 3,003.9 | 3,726.0 | 763.8 | 694.4 | 774.1 | 885.5 | 899.5 | 940.2 | 1,000.8 | 1,018.5 | 992.8 |
| Animal \& Vegetable Oils | 1,014.3 | 705.4 | 842.8 | 1,481.2 | 168.3 | 202.0 | 289.0 | 312.0 | 367.3 | 407.0 | 394.9 | 492.9 | 449.3 |
| Chemicals \& Chemical Products | 23,722.8 | 21,443.1 | 28,629.7 | 31,882.1 | 7,480.7 | 7,314.8 | 7,056.3 | 7,635.5 | 8,244.1 | 7,965.9 | 8,036.6 | 7,794.2 | 8,529.5 |
| Manufactured Goods | 34,953.9 | 26,036.9 | 26,457.6 | 30,995.6 | 6,806.7 | 6,758.6 | 6,731.4 | 7,092.8 | 8,324.7 | 7,587.6 | 7,990.4 | 7,115.3 | 7,999.7 |
| Machinery \& Transport Equipment | 209,514.7 | 169,832.5 | 196,105.6 | 188,268.1 | 48,774.3 | 52,306.8 | 49,669.0 | 44,604.2 | 47,080.2 | 47,870.5 | 48,713.1 | 49,496.4 | 49,456.1 |
| Miscellaneous Manufactured Articles | 29,145.7 | 24,869.5 | 29,683.6 | 32,060.3 | 7,349.4 | 7,665.9 | 7,930.5 | 7,664.8 | 7,718.9 | 7,995.5 | 8,681.1 | 7,711.1 | 8,392.6 |
| Miscellaneous Transaction Articles | 8,845.8 | 10,020.5 | 10,548.9 | 7,322.0 | 2,708.5 | 2,073.1 | 3,002.0 | 1,951.8 | 1,710.8 | 1,847.9 | 1,811.5 | 1,761.8 | 1,856.7 |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL | 13.9 | -21.0 | 18.8 | 8.6 | 26.4 | 15.6 | 9.7 | 10.2 | 8.4 | 6.2 | 9.9 | 10.5 | 4.6 |
| Oil | 54.5 | -30.9 | 29.9 | 29.7 | 48.1 | 15.8 | 12.3 | 29.7 | 27.2 | 30.5 | 31.6 | 16.5 | 5.3 |
| Non-Oil | 3.0 | -17.0 | 15.1 | 0.7 | 19.6 | 15.6 | 8.8 | 2.4 | 1.0 | -2.6 | 2.1 | 7.5 | 4.2 |
| Food, Beverages \& Tobacco | 10.7 | -6.4 | 14.5 | 13.1 | 16.7 | 16.4 | 9.9 | 11.3 | 15.5 | 10.0 | 15.4 | 7.1 | -0.9 |
| Crude Materials | 18.6 | 6.8 | -16.4 | 24.0 | -20.5 | -27.1 | -5.2 | 14.8 | 17.8 | 35.4 | 29.3 | 15.0 | 10.4 |
| Animal \& Vegetable Oils | 50.8 | -30.5 | 19.5 | 75.7 | -7.6 | 11.4 | 47.3 | 70.0 | 118.2 | 101.5 | 36.6 | 58.0 | 22.3 |
| Chemicals \& Chemical Products | -0.8 | -9.6 | 33.5 | 11.4 | 48.1 | 22.6 | 8.9 | 12.7 | 10.2 | 8.9 | 13.9 | 2.1 | 3.5 |
| Manufactured Goods | 13.9 | -25.5 | 1.6 | 17.2 | 9.1 | 2.0 | 0.2 | 15.1 | 22.3 | 12.3 | 18.7 | 0.3 | -3.9 |
| Machinery \& Transport Equipment | 0.9 | -18.9 | 15.5 | -4.0 | 17.3 | 18.0 | 10.3 | -1.7 | -3.5 | -8.5 | -1.9 | 11.0 | 5.0 |
| Miscellaneous Manufactured Articles | -0.8 | -14.7 | 19.4 | 8.0 | 25.6 | 17.3 | 11.2 | 13.8 | 5.0 | 4.3 | 9.5 | 0.6 | 8.7 |
| Miscellaneous Transaction Articles | 25.2 | 13.3 | 5.3 | -30.6 | 35.9 | 0.9 | -0.8 | -29.4 | -36.8 | -10.9 | -39.7 | -9.7 | 8.5 |

Note: Data are based on Standard International Trade Classification (SITC) Rev 4.1.
Source: International Enterprise Singapore

EXPORTS BY COMMODITY AT CURRENT PRICES [TABLE A6.3]

|  |  |  |  |  |  | 2010 |  |  | 20 |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 | 2009 | 2010 | 2011 | 11 | III | IV | 1 | 11 | III | IV | I | II |
|  | Million Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL | 476,762.2 | 391,118.2 | 478,840.7 | 514,741.2 | 120,138.1 | 125,043.1 | 123,761.6 | 124,637.2 | 128,219.7 | 130,940.4 | 130,943.9 | 130,605.8 | 130,072.8 |
| Oil | 115,478.5 | 78,398.0 | 103,511.0 | 136,773.5 | 27,213.4 | 25,572.3 | 25,679.6 | 32,498.5 | 35,439.6 | 35,626.8 | 33,208.7 | 34,990.8 | 34,524.6 |
| Non-Oil | 361,283.6 | 312,720.2 | 375,329.8 | 377,967.7 | 92,924.6 | 99,470.8 | 98,082.0 | 92,138.8 | 92,780.1 | 95,313.6 | 97,735.2 | 95,615.0 | 95,548.2 |
| Food, Beverages \& Tobacco | 7,827.1 | 7,542.8 | 8,711.8 | 10,452.8 | 2,083.8 | 2,300.6 | 2,493.0 | 2,225.1 | 2,440.3 | 2,869.4 | 2,918.0 | 2,566.7 | 2,515.0 |
| Crude Materials | 3,037.4 | 2,262.1 | 2,819.9 | 3,315.2 | 749.7 | 696.8 | 722.1 | 804.5 | 908.1 | 851.7 | 750.9 | 726.4 | 790.7 |
| Animal \& Vegetable Oils | 888.7 | 593.0 | 610.6 | 546.1 | 165.0 | 154.3 | 135.6 | 133.7 | 127.3 | 119.2 | 165.9 | 115.8 | 98.5 |
| Chemicals \& Chemical Products | 48,514.1 | 46,597.8 | 56,644.3 | 64,777.1 | 13,956.9 | 15,283.7 | 14,427.8 | 15,544.1 | 16,370.3 | 16,900.8 | 15,961.9 | 17,863.5 | 16,969.6 |
| Manufactured Goods | 22,260.4 | 16,798.4 | 18,860.7 | 20,123.8 | 4,963.2 | 5,141.1 | 4,523.0 | 4,691.2 | 5,120.0 | 4,950.8 | 5,361.7 | 4,748.5 | 5,052.4 |
| Machinery \& Transport Equipment | 241,746.9 | 202,512.0 | 244,128.0 | 235,345.6 | 60,352.3 | 65,237.4 | 63,458.2 | 58,702.2 | 57,410.7 | 58,832.7 | 60,399.9 | 58,492.2 | 58,079.2 |
| Miscellaneous Manufactured Articles | 30,354.3 | 27,875.5 | 33,775.1 | 36,186.7 | 8,274.5 | 8,534.5 | 9,324.4 | 8,228.3 | 8,816.6 | 9,100.6 | 10,041.2 | 9,185.7 | 10,174.2 |
| Miscellaneous Transaction Articles | 6,654.7 | 8,538.6 | 9,779.5 | 7,220.4 | 2,379.2 | 2,122.4 | 2,998.0 | 1,809.6 | 1,586.7 | 1,688.2 | 2,135.8 | 1,916.2 | 1,868.5 |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL | 5.8 | -18.0 | 22.4 | 7.5 | 29.1 | 20.0 | 14.5 | 13.4 | 6.7 | 4.7 | 5.8 | 4.8 | 1.4 |
| Oil | 44.8 | -32.1 | 32.0 | 32.1 | 46.5 | 17.0 | 12.4 | 29.8 | 30.2 | 39.3 | 29.3 | 7.7 | -2.6 |
| Non-Oil | -2.6 | -13.4 | 20.0 | 0.7 | 24.7 | 20.8 | 15.0 | 8.6 | -0.2 | -4.2 | -0.4 | 3.8 | 3.0 |
| Food, Beverages \& Tobacco | 10.0 | -3.6 | 15.5 | 20.0 | 19.2 | 17.2 | 13.8 | 21.3 | 17.1 | 24.7 | 17.0 | 15.4 | 3.1 |
| Crude Materials | 5.2 | -25.5 | 24.7 | 17.6 | 33.8 | 13.6 | 26.1 | 23.5 | 21.1 | 22.2 | 4.0 | -9.7 | -12.9 |
| Animal \& Vegetable Oils | 60.8 | -33.3 | 3.0 | -10.6 | 14.0 | -0.1 | -15.2 | -14.1 | -22.9 | -22.7 | 22.3 | -13.4 | -22.6 |
| Chemicals \& Chemical Products | -12.8 | -3.9 | 21.6 | 14.4 | 20.4 | 24.3 | 15.3 | 19.8 | 17.3 | 10.6 | 10.6 | 14.9 | 3.7 |
| Manufactured Goods | 2.0 | -24.5 | 12.3 | 6.7 | 10.0 | 19.3 | 17.9 | 10.8 | 3.2 | -3.7 | 18.5 | 1.2 | -1.3 |
| Machinery \& Transport Equipment | -1.9 | -16.2 | 20.5 | -3.6 | 27.0 | 20.9 | 13.1 | 6.6 | -4.9 | -9.8 | -4.8 | -0.4 | 1.2 |
| Miscellaneous Manufactured Articles | 2.1 | -8.2 | 21.2 | 7.1 | 21.3 | 15.4 | 26.5 | 7.7 | 6.6 | 6.6 | 7.7 | 11.6 | 15.4 |
| Miscellaneous Transaction Articles | 0.6 | 28.3 | 14.5 | -26.2 | 48.3 | 31.9 | 19.6 | -20.6 | -33.3 | -20.5 | -28.8 | 5.9 | 17.8 |

Note: Data are based on Standard International Trade Classification (SITC) Rev 4.1.
Source: International Enterprise Singapore

DOMESTIC EXPORTS BY COMMODITY AT CURRENT PRICES [TABLE A6.4]

|  | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 11 | III | IV | 1 | II | III | IV | I | II |
|  | Million Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL | 247,618.0 | 200,003.1 | 248,609.8 | 281,349.7 | 62,724.4 | 64,663.6 | 64,924.7 | 67,203.6 | 69,328.9 | 74,020.2 | 70,796.9 | 73,945.0 | 73,581.8 |
| Oil | 89,526.2 | 58,655.0 | 75,011.1 | 103,953.8 | 19,913.7 | 18,412.2 | 19,270.3 | 23,545.1 | 25,714.9 | 28,320.6 | 26,373.2 | 27,645.0 | 28,266.3 |
| Non-Oil | 158,091.8 | 141,348.2 | 173,598.8 | 177,395.8 | 42,810.7 | 46,251.3 | 45,654.4 | 43,658.5 | 43,614.0 | 45,699.6 | 44,423.7 | 46,300.0 | 45,315.4 |
| Food, Beverages \& Tobacco | 3,593.7 | 3,541.6 | 4,065.8 | 4,566.2 | 1,013.7 | 1,077.1 | 1,072.7 | 1,028.0 | 1,117.9 | 1,169.4 | 1,251.0 | 1,181.0 | 1,191.6 |
| Chemicals \& Chemical Products | 37,588.8 | 36,821.2 | 43,528.3 | 48,450.9 | 10,562.1 | 11,955.6 | 10,928.4 | 11,949.2 | 12,348.5 | 12,768.6 | 11,384.7 | 13,318.0 | 12,815.1 |
| Manufactured Goods | 7,337.4 | 5,427.2 | 7,027.7 | 6,932.1 | 1,733.9 | 2,081.7 | 1,699.7 | 1,712.1 | 1,804.1 | 1,781.8 | 1,634.2 | 1,491.4 | 1,543.8 |
| Machinery \& Transport Equipment | 88,131.9 | 75,465.5 | 94,412.0 | 91,057.6 | 23,438.3 | 25,044.0 | 25,254.2 | 22,825.2 | 21,832.3 | 23,323.5 | 23,076.5 | 23,526.1 | 22,288.3 |
| Office Machinery | 24,515.2 | 19,554.0 | 21,148.5 | 17,194.4 | 5,407.4 | 5,339.0 | 5,176.7 | 4,249.0 | 4,213.1 | 4,385.7 | 4,346.6 | 4,267.8 | 4,225.7 |
| Industrial \& Non-Electrical Machinery | 10,491.6 | 10,164.4 | 13,104.4 | 15,115.2 | 3,017.5 | 3,624.6 | 3,824.5 | 3,523.1 | 3,852.1 | 3,703.0 | 4,037.1 | 4,422.9 | 4,612.7 |
| Telecommunication Apparatus | 5,920.7 | 4,050.6 | 3,946.9 | 3,806.7 | 938.2 | 1,100.5 | 1,114.2 | 988.8 | 799.1 | 848.1 | 1,170.6 | 1,276.6 | 1,113.9 |
| Electrical Machinery \& Generators | 41,705.4 | 35,195.8 | 49,177.8 | 44,481.2 | 11,801.8 | 13,538.5 | 12,938.3 | 10,604.8 | 11,046.1 | 11,675.7 | 11,154.7 | 10,957.2 | 10,846.2 |
| Ships \& Other Transport Equipment | 5,499.1 | 6,500.7 | 7,034.3 | 10,460.1 | 2,273.4 | 1,441.4 | 2,200.5 | 3,459.6 | 1,922.0 | 2,711.0 | 2,367.5 | 2,601.6 | 1,489.7 |
| Miscellaneous Manufactured Articles | 16,314.3 | 15,483.6 | 19,498.7 | 21,322.0 | 4,800.3 | 4,860.7 | 5,404.0 | 4,851.8 | 5,198.7 | 5,429.3 | 5,842.2 | 5,422.3 | 6,039.7 |
| Others | 5,125.7 | 4,609.1 | 5,066.2 | 5,067.1 | 1,262.6 | 1,232.3 | 1,295.5 | 1,292.2 | 1,312.5 | 1,227.1 | 1,235.2 | 1,361.2 | 1,436.9 |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL | 5.4 | -19.2 | 24.3 | 13.2 | 33.4 | 19.2 | 15.8 | 19.4 | 10.5 | 14.5 | 9.0 | 10.0 | 6.1 |
| Oil | 41.5 | -34.5 | 27.9 | 38.6 | 48.0 | 9.2 | 11.8 | 35.2 | 29.1 | 53.8 | 36.9 | 17.4 | 9.9 |
| Non-Oil | -7.9 | -10.6 | 22.8 | 2.2 | 27.6 | 23.7 | 17.6 | 12.3 | 1.9 | -1.2 | -2.7 | 6.1 | 3.9 |
| Food, Beverages \& Tobacco | 17.9 | -1.5 | 14.8 | 12.3 | 21.4 | 11.9 | 11.6 | 13.9 | 10.3 | 8.6 | 16.6 | 14.9 | 6.6 |
| Chemicals \& Chemical Products | -16.6 | -2.0 | 18.2 | 11.3 | 15.0 | 22.6 | 12.0 | 18.5 | 16.9 | 6.8 | 4.2 | 11.5 | 3.8 |
| Manufactured Goods | 1.8 | -26.0 | 29.5 | -1.4 | 29.4 | 46.1 | 20.9 | 13.2 | 4.0 | -14.4 | -3.9 | -12.9 | -14.4 |
| Machinery \& Transport Equipment | -7.1 | -14.4 | 25.1 | -3.6 | 35.0 | 25.5 | 18.7 | 10.4 | -6.9 | -6.9 | -8.6 | 3.1 | 2.1 |
| Office Machinery | -6.1 | -20.2 | 8.2 | -18.7 | 22.4 | 0.3 | -8.0 | -18.7 | -22.1 | -17.9 | -16.0 | 0.4 | 0.3 |
| Industrial \& Non-Electrical Machinery | -1.7 | -3.1 | 28.9 | 15.3 | 31.4 | 39.1 | 40.6 | 33.6 | 27.7 | 2.2 | 5.6 | 25.5 | 19.7 |
| Telecommunication Apparatus | -37.8 | -31.6 | -2.6 | -3.6 | 3.1 | -1.6 | 12.1 | 24.5 | -14.8 | -22.9 | 5.1 | 29.1 | 39.4 |
| Electrical Machinery \& Generators | -7.8 | -15.6 | 39.7 | -9.6 | 44.3 | 48.6 | 27.1 | -2.7 | -6.4 | -13.8 | -13.8 | 3.3 | -1.8 |
| Ships \& Other Transport Equipment | 64.2 | 18.2 | 8.2 | 48.7 | 46.1 | -19.9 | 24.8 | 209.1 | -15.5 | 88.1 | 7.6 | -24.8 | -22.5 |
| Miscellaneous Manufactured Articles | -4.4 | -5.1 | 25.9 | 9.4 | 27.0 | 16.6 | 32.0 | 9.4 | 8.3 | 11.7 | 8.1 | 11.8 | 16.2 |
| Others | 16.3 | -10.1 | 9.9 | 0.0 | 18.5 | 10.8 | -2.6 | 1.3 | 4.0 | -0.4 | -4.7 | 5.3 | 9.5 |

Note: Data are based on Standard International Trade Classification (SITC) Rev 4.1.
Source: International Enterprise Singapore

NON-OIL DOMESTIC EXPORTS BY MAJOR PRODUCTS AT CURRENT PRICES [TABLE A6.5]

|  |  |  |  |  | 2010 |  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 | 2009 | 2010 | 2011 | 11 | III | IV | 1 | II | III | IV | 1 | II |
|  | Million Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL | 158,091.8 | 141,348.2 | 173,598.8 | 177,395.8 | 42,810.7 | 46,251.3 | 45,654.4 | 43,658.5 | 43,614.0 | 45,699.6 | 44,423.7 | 46,300.0 | 45,315.4 |
| Electronics | 68,410.9 | 56,826.3 | 70,780.4 | 62,545.2 | 17,620.1 | 18,628.5 | 18,369.1 | 15,147.9 | 15,240.8 | 16,054.3 | 16,102.2 | 15,677.4 | 15,575.1 |
| Integrated Circuits | 20,902.1 | 19,082.5 | 27,187.1 | 25,761.0 | 6,233.3 | 7,546.8 | 7,786.4 | 5,926.9 | 6,145.3 | 6,824.7 | 6,864.1 | 6,598.1 | 6,618.6 |
| Parts of PCs | 14,536.3 | 11,880.9 | 12,884.6 | 11,051.3 | 3,358.3 | 3,315.2 | 3,201.9 | 2,651.3 | 2,756.2 | 2,886.1 | 2,757.7 | 2,727.9 | 2,600.6 |
| Disk Drives | 7,108.4 | 5,432.6 | 5,472.6 | 2,801.5 | 1,370.0 | 1,350.2 | 1,148.7 | 757.6 | 693.0 | 675.9 | 674.9 | 831.3 | 871.4 |
| Personal Computers | 1,335.4 | 1,219.7 | 1,657.7 | 2,338.0 | 355.8 | 423.1 | 539.6 | 597.2 | 488.7 | 597.9 | 654.1 | 491.4 | 555.1 |
| Telecom Equipment | 2,846.7 | 1,295.4 | 1,665.3 | 1,932.1 | 383.8 | 468.5 | 532.5 | 497.5 | 413.6 | 411.7 | 609.3 | 813.1 | 697.1 |
| Others | 21,682.0 | 17,915.1 | 21,913.2 | 18,661.4 | 5,918.8 | 5,524.8 | 5,160.0 | 4,717.4 | 4,744.0 | 4,657.9 | 4,542.1 | 4,215.4 | 4,232.3 |
| Non-Electronics | 89,680.9 | 84,521.9 | 102,818.4 | 114,850.6 | 25,190.7 | 27,622.8 | 27,285.3 | 28,510.6 | 28,373.2 | 29,645.3 | 28,321.5 | 30,622.7 | 29,740.3 |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL | -7.9 | -10.6 | 22.8 | 2.2 | 27.6 | 23.7 | 17.6 | 12.3 | 1.9 | -1.2 | -2.7 | 6.1 | 3.9 |
| Electronics | -11.7 | -16.9 | 24.6 | -11.6 | 34.6 | 23.4 | 14.2 | -6.3 | -13.5 | -13.8 | -12.3 | 3.5 | 2.2 |
| Integrated Circuits | -6.6 | -8.7 | 42.5 | -5.2 | 40.3 | 52.6 | 44.0 | 5.4 | -1.4 | -9.6 | -11.8 | 11.3 | 7.7 |
| Parts of PCs | -6.3 | -18.3 | 8.4 | -14.2 | 29.6 | -0.6 | -7.3 | -11.9 | -17.9 | -12.9 | -13.9 | 2.9 | -5.6 |
| Disk Drives | -3.4 | -23.6 | 0.7 | -48.8 | 8.8 | -5.1 | -27.7 | -52.8 | -49.4 | -49.9 | -41.2 | 9.7 | 25.7 |
| Personal Computers | 0.6 | -8.7 | 35.9 | 41.0 | 24.3 | 30.8 | 72.6 | 76.1 | 37.3 | 41.3 | 21.2 | -17.7 | 13.6 |
| Telecom Equipment | -37.2 | -54.5 | 28.5 | 16.0 | 37.1 | 46.7 | 68.8 | 77.4 | 7.8 | -12.1 | 14.4 | 63.4 | 68.5 |
| Others | -17.8 | -17.4 | 22.3 | -14.8 | 39.9 | 16.2 | 3.0 | -11.2 | -19.8 | -15.7 | -12.0 | -10.6 | -10.8 |
| Non-Electronics | -4.7 | -5.8 | 21.6 | 11.7 | 23.1 | 24.0 | 20.0 | 25.5 | 12.6 | 7.3 | 3.8 | 7.4 | 4.8 |

Note: Data are based on Standard International Trade Classification (SITC) Rev 4.1.
Source: International Enterprise Singapore

RE-EXPORTS BY COMMODITY AT CURRENT PRICES [TABLE A6.6]

|  | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | II | III | IV | 1 | II | III | IV | I | II |
|  | Million Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL | 229,144.2 | 191,115.0 | 230,230.9 | 233,391.6 | 57,413.6 | 60,379.5 | 58,836.9 | 57,433.6 | 58,890.7 | 56,920.1 | 60,147.1 | 56,660.7 | 56,491.1 |
| Oil | 25,952.4 | 19,743.1 | 28,499.9 | 32,819.7 | 7,299.7 | 7,160.0 | 6,409.3 | 8,953.4 | 9,724.6 | 7,306.1 | 6,835.5 | 7,345.8 | 6,258.3 |
| Non-Oil | 203,191.8 | 171,372.0 | 201,731.0 | 200,571.9 | 50,113.9 | 53,219.5 | 52,427.6 | 48,480.3 | 49,166.1 | 49,614.0 | 53,311.5 | 49,315.0 | 50,232.8 |
| Food, Beverages \& Tobacco | 4,233.4 | 4,001.2 | 4,645.9 | 5,886.6 | 1,070.2 | 1,223.5 | 1,420.3 | 1,197.1 | 1,322.5 | 1,700.1 | 1,667.0 | 1,385.7 | 1,323.5 |
| Chemicals \& Chemical Products | 10,925.2 | 9,776.6 | 13,116.0 | 16,326.2 | 3,394.8 | 3,328.0 | 3,499.4 | 3,594.9 | 4,021.8 | 4,132.2 | 4,577.2 | 4,545.5 | 4,154.5 |
| Manufactured Goods | 14,922.9 | 11,371.2 | 11,833.0 | 13,191.7 | 3,229.4 | 3,059.4 | 2,823.3 | 2,979.1 | 3,315.9 | 3,169.1 | 3,727.6 | 3,257.1 | 3,508.6 |
| Machinery \& Transport Equipment | 153,615.0 | 127,046.5 | 149,716.0 | 144,288.0 | 36,914.1 | 40,193.5 | 38,204.0 | 35,877.0 | 35,578.4 | 35,509.2 | 37,323.4 | 34,966.1 | 35,790.9 |
| Office Machinery | 21,372.0 | 15,904.7 | 18,863.0 | 17,300.7 | 4,396.2 | 4,575.0 | 5,366.8 | 4,309.0 | 4,260.5 | 4,179.2 | 4,551.9 | 4,257.4 | 4,410.0 |
| Industrial \& Non-Electrical Machinery | 16,248.1 | 14,130.0 | 14,898.4 | 15,273.9 | 3,886.2 | 3,789.0 | 3,731.6 | 3,717.5 | 3,836.1 | 3,791.5 | 3,928.8 | 3,670.4 | 3,999.9 |
| Telecommunication Apparatus | 16,459.3 | 10,667.2 | 11,350.7 | 12,268.0 | 2,643.7 | 2,966.0 | 3,054.0 | 3,047.8 | 2,946.8 | 3,143.1 | 3,130.4 | 2,768.6 | 2,800.0 |
| Electrical Machinery \& Generators | 90,878.2 | 78,619.8 | 96,595.0 | 90,078.8 | 23,983.5 | 26,795.8 | 23,897.7 | 22,678.5 | 22,344.9 | 22,088.2 | 22,967.2 | 21,914.1 | 21,869.3 |
| Ships \& Other Transport Equipment | 8,657.3 | 7,724.7 | 8,009.0 | 9,366.7 | 2,004.4 | 2,067.7 | 2,153.9 | 2,124.2 | 2,190.1 | 2,307.2 | 2,745.1 | 2,355.5 | 2,711.8 |
| Miscellaneous Manufactured Articles | 14,040.0 | 12,391.9 | 14,276.4 | 14,864.7 | 3,474.2 | 3,673.8 | 3,920.4 | 3,376.5 | 3,617.9 | 3,671.3 | 4,199.0 | 3,763.4 | 4,134.5 |
| Others | 5,455.2 | 6,784.6 | 8,143.8 | 6,014.7 | 2,031.3 | 1,741.3 | 2,560.2 | 1,455.6 | 1,309.6 | 1,432.1 | 1,817.4 | 1,397.2 | 1,320.9 |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL | 6.2 | -16.6 | 20.5 | 1.4 | 24.6 | 20.9 | 13.0 | 7.2 | 2.6 | -5.7 | 2.2 | -1.3 | -4.1 |
| Oil | 57.7 | -23.9 | 44.4 | 15.2 | 42.6 | 43.6 | 14.1 | 17.3 | 33.2 | 2.0 | 6.7 | -18.0 | -35.6 |
| Non-Oil | 2.0 | -15.7 | 17.7 | -0.6 | 22.4 | 18.4 | 12.9 | 5.5 | -1.9 | -6.8 | 1.7 | 1.7 | 2.2 |
| Food, Beverages \& Tobacco | 4.2 | -5.5 | 16.1 | 26.7 | 17.3 | 22.3 | 15.4 | 28.5 | 23.6 | 38.9 | 17.4 | 15.8 | 0.1 |
| Chemicals \& Chemical Products | 3.4 | -10.5 | 34.2 | 24.5 | 40.8 | 30.9 | 26.6 | 24.2 | 18.5 | 24.2 | 30.8 | 26.4 | 3.3 |
| Manufactured Goods | 2.1 | -23.8 | 4.1 | 11.5 | 1.8 | 6.1 | 16.1 | 9.5 | 2.7 | 3.6 | 32.0 | 9.3 | 5.8 |
| Machinery \& Transport Equipment | 1.3 | -17.3 | 17.8 | -3.6 | 22.4 | 18.2 | 9.6 | 4.3 | -3.6 | -11.7 | -2.3 | -2.5 | 0.6 |
| Office Machinery | -1.3 | -25.6 | 18.6 | -8.3 | 23.0 | 13.9 | 12.7 | -4.8 | -3.1 | -8.7 | -15.2 | -1.2 | 3.5 |
| Industrial \& Non-Electrical Machinery | 12.8 | -13.0 | 5.4 | 2.5 | 9.5 | 6.4 | 4.3 | 6.5 | -1.3 | 0.1 | 5.3 | -1.3 | 4.3 |
| Telecommunication Apparatus | -6.4 | -35.2 | 6.4 | 8.1 | 7.0 | 8.8 | 11.4 | 13.4 | 11.5 | 6.0 | 2.5 | -9.1 | -5.0 |
| Electrical Machinery \& Generators | 1.1 | -13.5 | 22.9 | -6.7 | 27.9 | 24.3 | 8.7 | 3.5 | -6.8 | -17.6 | -3.9 | -3.4 | -2.1 |
| Ships \& Other Transport Equipment | 6.0 | -10.8 | 3.7 | 17.0 | 9.5 | -3.8 | 21.6 | 19.1 | 9.3 | 11.6 | 27.5 | 10.9 | 23.8 |
| Miscellaneous Manufactured Articles | 10.8 | -11.7 | 15.2 | 4.1 | 14.1 | 13.8 | 19.7 | 5.3 | 4.1 | -0.1 | 7.1 | 11.5 | 14.3 |
| Others | -3.4 | 24.4 | 20.0 | -26.1 | 63.3 | 37.6 | 34.2 | -19.6 | -35.5 | -17.8 | -29.0 | -4.0 | 0.9 |

[^10]NON-OIL DOMESTIC EXPORTS BY MAJOR MARKETS AT CURRENT PRICES [TABLE A6.7]

|  | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 11 | III | IV | 1 | 11 | III | IV | 1 | II |
|  | Million Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL | 158,091.8 | 141,348.2 | 173,598.8 | 177,395.8 | 42,810.7 | 46,251.3 | 45,654.4 | 43,658.5 | 43,614.0 | 45,699.6 | 44,423.7 | 46,300.0 | 45,315.4 |
| EU | 24,265.1 | 20,544.6 | 26,864.3 | 26,914.7 | 5,982.9 | 7,877.0 | 7,498.7 | 6,590.1 | 6,494.0 | 7,453.0 | 6,377.5 | 6,625.6 | 6,649.9 |
| United States | 20,158.4 | 15,261.0 | 19,037.2 | 16,828.7 | 4,566.2 | 5,210.4 | 5,471.8 | 4,320.9 | 4,456.3 | 4,041.9 | 4,009.5 | 4,847.0 | 3,957.7 |
| China, People's Republic of | 15,868.0 | 14,644.7 | 19,240.1 | 20,612.9 | 4,881.3 | 4,798.2 | 5,231.0 | 4,877.2 | 5,227.8 | 5,261.4 | 5,246.5 | 5,042.8 | 5,219.9 |
| Malaysia | 14,517.0 | 12,221.3 | 14,560.1 | 14,576.6 | 3,710.2 | 3,907.9 | 3,621.2 | 3,521.0 | 3,655.7 | 3,690.7 | 3,709.1 | 3,495.9 | 3,735.5 |
| Indonesia | 11,357.5 | 9,116.4 | 11,162.7 | 11,024.1 | 2,702.7 | 2,658.4 | 2,805.4 | 2,820.0 | 2,762.2 | 2,687.4 | 2,754.4 | 2,933.7 | 3,272.0 |
| Hong Kong, China | 11,601.3 | 12,146.0 | 16,565.7 | 14,652.9 | 3,840.4 | 4,474.5 | 4,523.6 | 3,532.1 | 3,120.0 | 3,989.3 | 4,011.5 | 4,205.2 | 4,071.3 |
| Japan | 10,572.9 | 8,460.4 | 10,586.2 | 10,792.5 | 2,854.0 | 2,602.9 | 2,637.5 | 2,508.3 | 2,635.9 | 2,703.2 | 2,945.2 | 2,737.1 | 2,797.1 |
| Taiwan | 6,066.1 | 6,547.3 | 9,626.3 | 9,564.0 | 2,373.1 | 2,637.9 | 2,381.9 | 2,324.5 | 2,574.7 | 2,289.2 | 2,375.6 | 2,379.8 | 2,792.7 |
| Thailand | 7,253.4 | 5,832.2 | 7,057.3 | 7,107.2 | 1,752.0 | 1,748.3 | 1,768.6 | 1,769.3 | 1,804.3 | 1,898.0 | 1,635.6 | 2,298.4 | 1,809.5 |
| South Korea | 5,917.0 | 5,859.5 | 7,964.4 | 7,746.1 | 1,938.9 | 2,191.3 | 1,943.9 | 1,705.3 | 1,949.9 | 2,002.0 | 2,088.9 | 2,336.4 | 2,340.8 |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL | -7.9 | -10.6 | 22.8 | 2.2 | 27.6 | 23.7 | 17.6 | 12.3 | 1.9 | -1.2 | -2.7 | 6.1 | 3.9 |
| EU | -18.7 | -15.3 | 30.8 | 0.2 | 30.4 | 52.6 | 35.4 | 19.7 | 8.5 | -5.4 | -15.0 | 0.5 | 2.4 |
| United States | -22.8 | -24.3 | 24.7 | -11.6 | 23.0 | 34.8 | 27.9 | 14.0 | -2.4 | -22.4 | -26.7 | 12.2 | -11.2 |
| China, People's Republic of | -2.3 | -7.7 | 31.4 | 7.1 | 42.8 | 30.7 | 27.6 | 12.6 | 7.1 | 9.7 | 0.3 | 3.4 | -0.2 |
| Malaysia | -8.8 | -15.8 | 19.1 | 0.1 | 26.4 | 17.6 | 7.0 | 6.0 | -1.5 | -5.6 | 2.4 | -0.7 | 2.2 |
| Indonesia | 2.7 | -19.7 | 22.4 | -1.2 | 22.9 | 8.0 | 11.7 | -5.9 | 2.2 | 1.1 | -1.8 | 4.0 | 18.5 |
| Hong Kong, China | 0.0 | 4.7 | 36.4 | -11.5 | 42.0 | 33.6 | 23.9 | -5.2 | -18.8 | -10.8 | -11.3 | 19.1 | 30.5 |
| Japan | -0.3 | -20.0 | 25.1 | 1.9 | 47.8 | 17.2 | 11.4 | 0.7 | -7.6 | 3.9 | 11.7 | 9.1 | 6.1 |
| Taiwan | -10.9 | 7.9 | 47.0 | -0.6 | 47.7 | 42.9 | 20.6 | 4.1 | 8.5 | -13.2 | -0.3 | 2.4 | 8.5 |
| Thailand | -12.4 | -19.6 | 21.0 | 0.7 | 28.3 | 11.3 | 7.6 | -1.1 | 3.0 | 8.6 | -7.5 | 29.9 | 0.3 |
| South Korea | -0.3 | -1.0 | 35.9 | -2.7 | 47.8 | 38.2 | 10.3 | -9.8 | 0.6 | -8.6 | 7.5 | 37.0 | 20.0 |

Note: The European Union (EU) comprises Austria, Belgium, Bulgaria, Cyprus, Czech Rep, Denmark, Estonia, Finland
Source: International Enterprise Singapore
France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland,
Portugal, Romania, Slovak Rep, Slovenia, Spain, Sweden and the United Kingdom.

BALANCE OF PAYMENTS [TABLE A7.1]

|  |  |  |  |  |  | 2010 |  |  |  | 11 |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 | 2009 | 2010 | 2011 | II | III | IV | 1 | II | III | IV | 1 | II |
|  | Million Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| A CURRENT ACCOUNT BALANCE | 37,275.5 | 43,836.0 | 75,686.7 | 71,679.5 | 19,542.5 | 21,544.8 | 20,918.7 | 18,277.4 | 16,939.0 | 19,396.6 | 17,066.5 | 13,606.6 | 13,621.3 |
| Goods Balance | 58,948.3 | 68,755.4 | 86,033.6 | 84,840.5 | 22,352.8 | 22,893.8 | 22,626.1 | 21,344.4 | 19,086.6 | 21,536.4 | 22,873.1 | 17,908.1 | 17,957.5 |
| Exports of Goods | 502,067.2 | 419,493.0 | 505,937.3 | 540,049.1 | 128,481.1 | 131,068.1 | 129,310.2 | 130,741.5 | 134,287.5 | 136,577.2 | 138,442.9 | 137,315.1 | 137,000.4 |
| Imports of Goods | 443,118.9 | 350,737.6 | 419,903.7 | 455,208.6 | 106,128.3 | 108,174.3 | 106,684.1 | 109,397.1 | 115,200.9 | 115,040.8 | 115,569.8 | 119,407.0 | 119,042.9 |
| Services Balance | -3,781.3 | -4,637.0 | 2,083.9 | 2,319.8 | -127.5 | 1,243.3 | 726.2 | 510.3 | 205.8 | 1,477.9 | 125.8 | 1,004.1 | 884.5 |
| Exports of Services | 124,595.6 | 116,630.6 | 136,367.6 | 142,868.0 | 34,264.4 | 34,760.9 | 34,940.8 | 34,953.7 | 35,562.2 | 36,574.7 | 35,777.4 | 35,863.6 | 36,642.4 |
| Maintenance and Repair Services | 8,224.2 | 8,953.3 | 8,479.9 | 9,496.4 | 2,313.1 | 1,968.6 | 1,955.3 | 2,093.7 | 2,406.3 | 2,699.9 | 2,296.5 | 2,375.0 | 2,682.2 |
| Transport | 50,118.3 | 41,853.5 | 51,969.7 | 53,850.2 | 12,911.8 | 13,304.3 | 13,132.7 | 13,141.3 | 13,553.6 | 13,718.5 | 13,436.8 | 13,576.4 | 13,756.4 |
| Travel | 15,158.9 | 13,626.3 | 19,270.4 | 22,627.2 | 4,748.7 | 5,374.2 | 5,338.6 | 5,396.1 | 5,409.0 | 6,012.0 | 5,810.1 | 5,949.4 | 5,913.1 |
| Insurance | 2,633.2 | 3,744.6 | 4,408.9 | 3,730.6 | 1,257.4 | 1,206.7 | 780.2 | 1,227.8 | 916.7 | 804.2 | 781.9 | 811.7 | 729.7 |
| Government Goods and Services | 360.1 | 339.1 | 349.7 | 362.9 | 87.4 | 87.8 | 87.6 | 89.7 | 90.8 | 91.4 | 91.0 | 97.0 | 97.9 |
| Construction | 1,532.2 | 1,544.6 | 1,656.3 | 1,700.0 | 409.1 | 415.8 | 428.0 | 420.2 | 413.5 | 425.9 | 440.4 | 449.0 | 435.3 |
| Financial | 15,303.9 | 15,105.5 | 16,421.8 | 16,152.2 | 3,944.2 | 3,885.3 | 4,656.3 | 3,914.9 | 4,080.8 | 4,025.6 | 4,130.9 | 3,722.9 | 4,098.7 |
| Telecommunications, Computer and Information | 3,690.2 | 3,780.6 | 4,694.0 | 4,757.8 | 1,168.6 | 1,194.6 | 1,200.6 | 1,187.4 | 1,181.8 | 1,190.6 | 1,198.0 | 1,239.5 | 1,223.6 |
| Charges for the use of intellectual property | 1,001.9 | 1,145.8 | 1,434.5 | 1,543.6 | 399.2 | 353.0 | 353.5 | 380.8 | 375.6 | 401.2 | 386.0 | 377.9 | 392.5 |
| Personal, Cultural and Recreational | 726.8 | 762.5 | 686.5 | 732.4 | 173.6 | 177.2 | 178.6 | 182.0 | 183.8 | 183.8 | 182.8 | 188.3 | 183.9 |
| Other Business Services | 25,845.9 | 25,774.8 | 26,995.9 | 27,914.7 | 6,851.3 | 6,793.4 | 6,829.4 | 6,919.8 | 6,950.3 | 7,021.6 | 7,023.0 | 7,076.5 | 7,129.1 |
| Imports of Services | 128,376.9 | 121,267.6 | 134,283.7 | 140,548.2 | 34,391.9 | 33,517.6 | 34,214.6 | 34,443.4 | 35,356.4 | 35,096.8 | 35,651.6 | 34,859.5 | 35,757.9 |
| Maintenance and Repair Services | 657.6 | 850.7 | 761.7 | 754.6 | 174.3 | 214.3 | 192.0 | 202.6 | 184.0 | 199.3 | 168.7 | 182.6 | 194.3 |
| Transport | 43,207.0 | 36,870.3 | 41,278.4 | 44,177.3 | 10,336.3 | 10,351.4 | 10,573.1 | 10,781.2 | 11,417.2 | 10,837.9 | 11,141.0 | 10,957.4 | 11,239.8 |
| Travel | 23,156.2 | 23,053.2 | 25,402.3 | 26,543.4 | 6,400.6 | 6,172.7 | 6,897.1 | 6,162.5 | 6,744.4 | 6,477.7 | 7,158.8 | 6,649.3 | 7,118.7 |
| Insurance | 3,699.2 | 4,120.4 | 5,459.5 | 4,243.9 | 1,432.2 | 1,438.6 | 1,188.8 | 1,251.4 | 1,057.5 | 1,028.1 | 906.9 | 1,018.5 | 922.7 |
| Government Goods and Services | 319.1 | 320.0 | 261.3 | 261.6 | 41.5 | 56.7 | 74.6 | 96.4 | 49.5 | 50.9 | 64.8 | 81.6 | 42.9 |
| Construction | 495.6 | 618.2 | 674.6 | 692.2 | 166.6 | 169.4 | 174.3 | 171.1 | 168.3 | 173.5 | 179.3 | 182.9 | 177.2 |
| Financial | 3,573.0 | 2,971.4 | 3,486.5 | 3,268.8 | 833.8 | 890.5 | 851.6 | 832.0 | 816.4 | 842.6 | 777.8 | 783.3 | 800.6 |
| Telecommunications, Computer and Information | 3,213.7 | 3,271.7 | 3,997.0 | 4,026.8 | 993.9 | 1,021.8 | 1,023.6 | 1,007.9 | 999.6 | 1,007.9 | 1,011.4 | 1,057.4 | 1,037.4 |
| Charges for the use of intellectual property | 17,586.2 | 17,055.1 | 19,135.6 | 20,591.3 | 5,325.8 | 4,709.0 | 4,714.5 | 5,079.9 | 5,011.3 | 5,351.8 | 5,148.3 | 5,040.9 | 5,236.3 |
| Personal, Cultural and Recreational | 609.3 | 713.4 | 604.6 | 644.9 | 152.9 | 156.0 | 157.3 | 160.3 | 161.8 | 161.8 | 161.0 | 165.8 | 161.9 |
| Other Business Services | 31,860.0 | 31,423.2 | 33,222.2 | 35,343.4 | 8,534.0 | 8,337.2 | 8,367.7 | 8,698.1 | 8,746.4 | 8,965.3 | 8,933.6 | 8,739.8 | 8,826.1 |
| Primary Income Balance | -12,617.7 | -14,470.6 | -5,390.4 | -7,038.8 | -951.0 | -801.7 | -575.5 | -1,492.5 | -320.0 | -1,424.7 | -3,801.6 | -2,962.9 | -3,029.4 |
| Primary Income Receipts | 67,312.3 | 66,999.2 | 84,491.4 | 85,527.4 | 21,241.4 | 21,887.5 | 22,763.0 | 20,695.5 | 22,448.3 | 21,973.9 | 20,409.7 | 21,863.3 | 22,452.7 |
| Primary Income Payments | 79,930.0 | 81,469.8 | 89,881.8 | 92,566.2 | 22,192.4 | 22,689.2 | 23,338.5 | 22,188.0 | 22,768.3 | 23,398.6 | 24,211.3 | 24,826.2 | 25,482.1 |
| Secondary Income Balance | -5,273.8 | -5,811.8 | -7,040.4 | -8,442.0 | -1,731.8 | -1,790.6 | -1,858.1 | -2,084.8 | -2,033.4 | -2,193.0 | -2,130.8 | -2,342.7 | -2,191.3 |
| General Government (Net) | -273.6 | -232.8 | -287.2 | -292.7 | -51.6 | -69.7 | -61.8 | -118.3 | -42.2 | -71.1 | -61.1 | -89.6 | -42.1 |
| Other Sectors (Net) | -5,000.2 | -5,579.0 | -6,753.2 | -8,149.3 | -1,680.2 | -1,720.9 | -1,796.3 | -1,966.5 | -1,991.2 | -2,121.9 | -2,069.7 | -2,253.1 | -2,149.2 |

BALANCE OF PAYMENTS - Contd [TABEE A7.1]

|  | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | II | III | IV | 1 | II | III | IV | I | II |
|  | Million Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| B CAPITAL AND FINANCIAL ACCOUNT BALANCE ${ }^{1}$ | -21,860.8 | -32,985.8 | -17,626.8 | -50,360.5 | -6,020.3 | -13,573.8 | -4,288.1 | -10,981.5 | -11,827.6 | -11,047.8 | -16,503.6 | -8,246.5 | -7,997.7 |
| Financial Account (Net) | -21,860.8 | -32,985.8 | -17,626.8 | -50,360.5 | -6,020.3 | -13,573.8 | -4,288.1 | -10,981.5 | -11,827.6 | -11,047.8 | -16,503.6 | -8,246.5 | -7,997.7 |
| Direct Investment | 7,053.9 | 9,765.5 | 37,389.9 | 48,771.4 | 9,817.2 | 9,707.3 | 13,440.4 | 9,683.7 | 12,796.9 | 13,893.7 | 12,397.1 | 12,572.5 | 9,893.9 |
| Assets | -9,638.3 | -25,750.2 | -28,926.7 | -31,730.6 | -6,922.4 | -7,190.4 | -7,851.2 | -6,963.7 | -5,704.5 | -10,093.8 | -8,968.6 | -6,029.9 | -6,149.8 |
| Liabilities | 16,692.2 | 35,515.7 | 66,316.6 | 80,502.0 | 16,739.6 | 16,897.7 | 21,291.6 | 16,647.4 | 18,501.4 | 23,987.5 | 21,365.7 | 18,602.4 | 16,043.7 |
| Portfolio Investment | 16,380.4 | -58,433.0 | -36,705.4 | -36,131.6 | 4,077.4 | -15,989.4 | -9,950.6 | -14,560.9 | -1,083.2 | -17,059.3 | -3,428.2 | -14,791.8 | -11,518.0 |
| Assets | 37,100.0 | -60,153.8 | -38,326.9 | -28,628.0 | 3,391.9 | -17,596.0 | -9,474.8 | $-11,718.2$ | 1,467.1 | -16,800.5 | -1,576.4 | -16,580.8 | -12,634.4 |
| Deposit-taking corporations, except the central bank | 50,755.8 | -49,387.2 | -9,272.9 | 6,789.9 | 10,081.9 | -9,921.7 | -1,474.6 | -3,996.7 | 11,670.8 | -7,945.2 | 7,061.0 | -8,422.5 | -2,750.9 |
| Official | -19,550.7 | -13,928.1 | -13,910.9 | -12,735.8 | -3,653.8 | -3,448.7 | -3,094.2 | -2,402.9 | -3,759.7 | -3,686.3 | -2,886.9 | -2,700.6 | -4,036.5 |
| Others | 5,894.9 | 3,161.5 | -15,143.1 | -22,682.1 | -3,036.2 | -4,225.6 | -4,906.0 | -5,318.6 | -6,444.0 | -5,169.0 | -5,750.5 | -5,457.7 | -5,847.0 |
| Liabilities | -20,719.6 | 1,720.8 | 1,621.5 | -7,503.6 | 685.5 | 1,606.6 | -475.8 | -2,842.7 | -2,550.3 | -258.8 | -1,851.8 | 1,789.0 | 1,116.4 |
| Deposit-taking corporations, except the central bank | -2,937.9 | -1,595.1 | -883.4 | -2,872.1 | -549.0 | -250.6 | -347.9 | -225.5 | -855.7 | -516.0 | -1,274.9 | 518.1 | 1,929.1 |
| Others | -17,781.7 | 3,315.9 | 2,504.9 | -4,631.5 | 1,234.5 | 1,857.2 | -127.9 | -2,617.2 | -1,694.6 | 257.2 | -576.9 | 1,270.9 | -812.7 |
| Financial Derivative | 2,821.9 | -25,593.9 | -13,114.4 | -13,979.8 | -2,952.8 | -2,413.9 | -3,421.4 | -6,807.1 | -2,070.4 | -2,316.4 | -2,785.9 | -3,280.6 | -3,215.1 |
| Assets | -40,568.7 | 23,260.8 | -17,029.7 | -23,207.4 | -3,876.3 | -3,786.4 | -5,022.4 | -9,635.6 | -3,994.4 | -4,691.7 | -4,885.7 | -6,070.8 | -5,787.2 |
| Liabilities | 43,390.6 | -48,854.7 | 3,915.3 | 9,227.6 | 923.5 | 1,372.5 | 1,601.0 | 2,828.5 | 1,924.0 | 2,375.3 | 2,099.8 | 2,790.2 | 2,572.1 |
| Other Investmen | -48,117.0 | 41,275.6 | -5,196.9 | -49,020.5 | -16,962.1 | -4,877.8 | -4,356.5 | 702.8 | -21,470.9 | -5,565.8 | -22,686.6 | -2,746.6 | -3,158.5 |
| Assets | -44,163.8 | 109,912.6 | -52,871.4 | -140,096.5 | -27,325.6 | -19,037.6 | -1,700.1 | -32,243.0 | $-35,232.2$ | -85,717.5 | 13,096.2 | 18,727.8 | -31,928.6 |
| Deposit-taking corporations, except the central bank | -49,442.4 | 148,153.8 | -12,191.2 | -69,596.6 | -8,416.6 | -5,508.6 | 12,774.5 | -12,095.7 | -21,477.8 | $-59,761.2$ | 23,738.1 | 27,810.6 | $-24,489.1$ |
| Official | -10,586.9 | $-22,431.8$ | -19,524.0 | -33,870.6 | -2,005.5 | -10,702.9 | -5,402.5 | -18,657.1 | -4,303.0 | -7,305.7 | -3,604.8 | -1,568.6 | -3,610.7 |
| Others | 15,865.5 | -15,809.4 | -21,156.2 | -36,629.3 | -16,903.5 | -2,826.1 | -9,072.1 | -1,490.2 | -9,451.4 | -18,650.6 | -7,037.1 | -7,514.2 | -3,828.8 |
| Liabilities | -3,953.2 | -68,637.0 | 47,674.5 | 91,076.0 | 10,363.5 | 14,159.8 | -2,656.4 | 32,945.8 | 13,761.3 | 80,151.7 | -35,782.8 | -21,474.4 | 28,770.1 |
| Deposit-taking corporations, except the central bank | -2,525.5 | -87,614.2 | 34,184.5 | 62,323.9 | 12,812.1 | 5,952.6 | -9,245.1 | 14,861.8 | 3,590.5 | 81,063.0 | -37,191.4 | -28,589.2 | 26,932.2 |
| Others | -1,427.7 | 18,977.2 | 13,490.0 | 28,752.1 | -2,448.6 | 8,207.2 | 6,588.7 | 18,084.0 | 10,170.8 | -911.3 | 1,408.6 | 7,114.8 | 1,837.9 |
| C NET ERRORS AND OMISSIONS | 3,116.4 | 5,606.0 | -579.4 | 168.7 | 164.4 | -1,699.1 | -153.7 | -1,060.6 | 354.1 | 1,738.6 | -863.4 | 1,011.6 | -781.1 |
| D OVERALL BALANCE ( $\mathrm{A}+\mathrm{B}+\mathrm{C}$ ) | 18,531.1 | 16,456.2 | 57,480.5 | 21,487.7 | 13,686.6 | 6,271.9 | 16,476.9 | 6,235.3 | 5,465.5 | 10,087.4 | -300.5 | 6,371.7 | 4,842.5 |
| E OFFICIAL RESERVES (NET) ${ }^{2}$ | -18,531.1 | -16,456.2 | -57,480.5 | -21,487.7 | -13,686.6 | -6,271.9 | $-16,476.9$ | -6,235.3 | -5,465.5 | -10,087.4 | 300.5 | -6,371.7 | -4,842.5 |
| Special Drawing Rights | -40.1 | -1,661.2 | 235.4 | 237.1 | 55.8 | -0.2 | 63.0 | 257.8 | 27.4 | -76.3 | 28.2 | 42.4 | 12.3 |
| Reserves Position in the IMF | -127.1 | -119.7 | -45.5 | -484.6 | 9.4 | 3.1 | -76.7 | -361.4 | 46.4 | -142.1 | -27.5 | 18.6 | 5.9 |
| Foreign Exchange Assets | -18,363.9 | -14,675.3 | -57,670.4 | -21,240.2 | -13,751.8 | -6,274.8 | $-16,463.2$ | -6,131.7 | -5,539.3 | -9,869.0 | 299.8 | -6,432.7 | -4,860.7 |

[^11]Source: Singapore Department of Statistics
${ }^{2}$ Increase in assets is indicated by a minus (-) sign.

INDEX OF INDUSTRIAL PRODUCTION [TABLE A8.1]

|  | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | $2012$ <br> I | $\begin{gathered} 2012 \\ \text { II } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | II | III | IV | 1 | II | III | IV |  |  |
|  | 2011=100 |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL MANUFACTURING | 74.6 | 71.5 | 92.8 | 100.0 | 103.3 | 91.3 | 91.4 | 101.3 | 99.3 | 99.4 | 99.9 | 100.4 | 103.8 |
| Electronics | 92.4 | 84.5 | 114.7 | 100.0 | 112.8 | 123.3 | 120.7 | 111.8 | 101.5 | 94.8 | 91.9 | 92.0 | 92.7 |
| Semiconductors | 76.1 | 71.5 | 117.3 | 100.0 | 117.2 | 128.2 | 123.0 | 116.2 | 101.0 | 96.1 | 86.7 | 83.7 | 85.6 |
| Computer Peripherals | 117.5 | 133.1 | 107.9 | 100.0 | 100.3 | 114.0 | 119.0 | 110.8 | 104.7 | 87.4 | 97.0 | 107.9 | 93.0 |
| Data Storage | 141.2 | 108.3 | 116.7 | 100.0 | 108.0 | 117.3 | 122.4 | 107.4 | 105.2 | 105.8 | 81.5 | 125.8 | 128.1 |
| Infocomms \& Consumer Electronics | 121.0 | 78.8 | 91.6 | 100.0 | 82.6 | 97.0 | 105.1 | 99.0 | 97.5 | 88.9 | 114.7 | 93.5 | 99.1 |
| Other Electronic Modules \& Components | 140.1 | 113.0 | 123.1 | 100.0 | 133.9 | 125.8 | 110.2 | 104.4 | 105.9 | 94.0 | 95.7 | 80.9 | 93.4 |
| Chemicals | 94.0 | 85.7 | 96.8 | 100.0 | 97.6 | 98.0 | 101.9 | 105.6 | 104.2 | 97.8 | 92.4 | 98.7 | 101.0 |
| Petroleum | 113.1 | 96.4 | 95.6 | 100.0 | 91.6 | 95.8 | 108.1 | 101.3 | 98.2 | 104.7 | 95.7 | 99.6 | 101.5 |
| Petrochemicals | 85.5 | 83.9 | 106.4 | 100.0 | 107.7 | 109.8 | 111.1 | 107.5 | 103.3 | 94.9 | 94.3 | 99.4 | 104.1 |
| Specialty Chemicals | 80.8 | 74.1 | 86.4 | 100.0 | 92.1 | 86.7 | 85.1 | 104.3 | 108.5 | 97.7 | 89.4 | 99.0 | 99.9 |
| Others | 95.2 | 90.4 | 102.0 | 100.0 | 103.3 | 103.3 | 100.4 | 113.2 | 102.7 | 93.5 | 90.6 | 93.4 | 93.7 |
| Biomedical Manufacturing | 45.5 | 50.8 | 76.0 | 100.0 | 106.2 | 60.3 | 64.1 | 96.0 | 92.0 | 100.8 | 111.2 | 114.1 | 115.3 |
| Pharmaceuticals | 43.7 | 49.1 | 75.3 | 100.0 | 106.3 | 59.4 | 62.6 | 97.0 | 90.0 | 101.6 | 111.4 | 115.0 | 116.5 |
| Medical Technology | 89.3 | 90.7 | 94.2 | 100.0 | 102.6 | 80.9 | 98.7 | 90.8 | 102.6 | 96.1 | 110.5 | 109.4 | 109.0 |
| Precision Engineering | 74.5 | 62.5 | 87.2 | 100.0 | 85.0 | 96.3 | 94.2 | 95.3 | 108.9 | 101.3 | 94.5 | 96.7 | 108.0 |
| Machinery \& Systems | 55.1 | 47.1 | 75.7 | 100.0 | 71.3 | 88.0 | 87.2 | 91.4 | 113.8 | 101.4 | 93.3 | 97.9 | 112.6 |
| Precision Modules \& Components | 108.1 | 89.4 | 107.4 | 100.0 | 109.1 | 110.7 | 106.6 | 99.6 | 103.5 | 101.1 | 95.8 | 95.3 | 102.9 |
| Transport Engineering | 101.9 | 96.3 | 91.9 | 100.0 | 90.4 | 97.0 | 94.1 | 90.4 | 93.7 | 105.4 | 110.5 | 108.8 | 115.8 |
| Marine \& Offshore Engineering | 115.4 | 108.4 | 92.4 | 100.0 | 89.4 | 99.5 | 92.6 | 87.5 | 91.8 | 109.7 | 111.0 | 110.9 | 118.1 |
| Aerospace | 89.5 | 86.1 | 90.3 | 100.0 | 90.9 | 93.4 | 91.5 | 93.4 | 99.6 | 100.5 | 106.6 | 106.5 | 114.1 |
| Land | 98.4 | 86.7 | 98.3 | 100.0 | 91.4 | 103.8 | 120.1 | 104.0 | 85.0 | 88.1 | 122.9 | 99.7 | 102.7 |
| General Manufacturing Industries | 97.0 | 92.7 | 102.6 | 100.0 | 105.7 | 109.8 | 102.8 | 95.0 | 97.7 | 102.6 | 104.7 | 97.5 | 99.6 |
| Printing | 118.2 | 100.9 | 103.5 | 100.0 | 105.4 | 102.8 | 110.8 | 95.7 | 100.1 | 101.5 | 102.7 | 91.3 | 92.6 |
| Food, Beverages \& Tobacco | 94.8 | 90.4 | 96.4 | 100.0 | 95.2 | 99.9 | 98.2 | 94.0 | 95.7 | 104.4 | 105.9 | 99.9 | 100.6 |
| Miscellaneous industries | 90.5 | 90.9 | 105.5 | 100.0 | 111.1 | 117.4 | 102.1 | 95.3 | 97.8 | 102.0 | 104.9 | 98.9 | 102.4 |

[^12]INDEX OF INDUSTRIAL PRODUCTION - Cont'd [TABLE A8.1]

|  |  |  |  | 2011 | 2010 |  |  | 2011 |  |  |  | 2012 | $\begin{gathered} 2012 \\ \text { II } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 | 2009 | 2010 |  | 11 | III | IV | 1 | 11 | III | IV | 1 |  |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL MANUFACTURING | -4.2 | -4.2 | 29.7 | 7.8 | 45.3 | 13.7 | 25.7 | 19.1 | -3.8 | 8.9 | 9.3 | -0.8 | 4.5 |
| Electronics | -7.1 | -8.5 | 35.7 | -12.8 | 52.8 | 26.1 | 14.7 | 9.7 | -10.1 | -23.1 | -23.9 | -17.7 | -8.7 |
| Semiconductors | -2.8 | -6.1 | 64.2 | -14.8 | 86.1 | 64.4 | 30.3 | 15.1 | -13.8 | -25.0 | -29.5 | -28.0 | -15.2 |
| Computer Peripherals | 3.5 | 13.3 | -19.0 | -7.3 | 2.5 | -40.2 | -20.7 | 13.1 | 4.4 | -23.3 | -18.5 | -2.6 | -11.2 |
| Data Storage | -0.2 | -23.3 | 7.7 | -14.3 | 0.1 | 2.3 | 0.4 | -9.9 | -2.6 | -9.8 | -33.4 | 17.1 | 21.7 |
| Infocomms \& Consumer Electronics | -45.6 | -34.9 | 16.2 | 9.1 | 8.2 | 20.9 | 13.7 | 21.0 | 18.0 | -8.3 | 9.1 | -5.5 | 1.6 |
| Other Electronic Modules \& Components | 3.5 | -19.3 | 8.9 | -18.7 | 27.7 | -8.3 | -19.7 | -14.7 | -20.9 | -25.3 | -13.1 | -22.5 | -11.7 |
| Chemicals | -3.6 | -8.8 | 12.9 | 3.3 | 17.2 | 8.6 | 10.1 | 17.9 | 6.7 | -0.2 | -9.3 | -6.6 | -3.0 |
| Petroleum | 1.0 | -14.8 | -0.8 | 4.6 | -4.3 | 0.6 | 13.5 | 16.5 | 7.2 | 9.3 | -11.4 | -1.7 | 3.4 |
| Petrochemicals | -8.2 | -1.9 | 26.8 | -6.0 | 40.2 | 18.4 | 13.2 | 10.8 | -4.1 | -13.6 | -15.1 | -7.6 | 0.8 |
| Specialty Chemicals | -1.3 | -8.3 | 16.6 | 15.7 | 22.5 | 9.7 | 3.8 | 27.5 | 17.8 | 12.8 | 5.1 | -5.2 | -8.0 |
| Others | -15.3 | -5.0 | 12.8 | -2.0 | 20.3 | 2.5 | 2.4 | 11.9 | -0.6 | -9.5 | -9.7 | -17.5 | -8.8 |
| Biomedical Manufacturing | -6.8 | 11.6 | 49.8 | 31.5 | 84.8 | -3.5 | 82.2 | 30.4 | -13.4 | 67.1 | 73.6 | 18.8 | 25.4 |
| Pharmaceuticals | -7.2 | 12.5 | 53.2 | 32.9 | 89.2 | -3.3 | 93.2 | 33.4 | -15.3 | 71.1 | 77.9 | 18.5 | 29.5 |
| Medical Technology | -2.5 | 1.6 | 3.9 | 6.1 | 15.6 | -7.6 | -3.7 | -4.2 | 0.0 | 18.7 | 12.0 | 20.5 | 6.2 |
| Precision Engineering | -7.4 | -16.1 | 39.6 | 14.7 | 41.8 | 46.8 | 32.0 | 30.0 | 28.1 | 5.2 | 0.3 | 1.4 | -0.9 |
| Machinery \& Systems | -5.2 | -14.6 | 60.7 | 32.2 | 56.2 | 83.0 | 61.2 | 62.8 | 59.8 | 15.3 | 7.0 | 7.0 | -1.1 |
| Precision Modules \& Components | -9.4 | -17.3 | 20.2 | -6.9 | 28.4 | 15.3 | 5.0 | -3.6 | -5.1 | -8.6 | -10.2 | -4.2 | -0.6 |
| Transport Engineering | 7.1 | -5.5 | -4.6 | 8.8 | -10.4 | 2.0 | 5.3 | 5.0 | 3.7 | 8.6 | 17.4 | 20.3 | 23.6 |
| Marine \& Offshore Engineering | 9.7 | -6.0 | -14.8 | 8.2 | -23.4 | -7.4 | -4.1 | -0.7 | 2.7 | 10.2 | 19.9 | 26.7 | 28.6 |
| Aerospace | 4.3 | -3.8 | 4.9 | 10.7 | -0.5 | 11.0 | 17.4 | 9.2 | 9.6 | 7.6 | 16.5 | 14.0 | 14.6 |
| Land | 5.5 | -11.8 | 13.3 | 1.8 | 47.8 | 16.5 | 1.3 | 33.8 | -6.9 | -15.1 | 2.3 | -4.2 | 20.7 |
| General Manufacturing Industries | 2.2 | -4.5 | 10.7 | -2.6 | 15.9 | 11.8 | 2.0 | 3.0 | -7.6 | -6.5 | 1.9 | 2.7 | 2.0 |
| Printing | -3.3 | -14.6 | 2.6 | -3.4 | 10.0 | -2.2 | -0.2 | 0.7 | -5.0 | -1.2 | -7.4 | -4.6 | -7.6 |
| Food, Beverages \& Tobacco | 7.7 | -4.7 | 6.6 | 3.7 | 7.3 | 7.4 | 4.9 | 1.9 | 0.5 | 4.5 | 7.8 | 6.2 | 5.1 |
| Miscellaneous industries | 2.5 | 0.5 | 16.0 | -5.2 | 22.1 | 19.3 | 1.5 | 4.2 | -12.0 | -13.1 | 2.7 | 3.8 | 4.7 |

Note: The industries are classified according to SSIC 2010.
Source: Economic Development Board

INVESTMENT COMMITMENTS IN MANUFACTURING ${ }^{1}$ AND SERVICES BY INDUSTRY CLUSTER [TABLE A8.2]

|  | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 11 | III | IV | 1 | II | III | IV | 1 | II |
|  | Fixed Asset Investments (Million Dollars) |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL | 18,046.0 | 11,753.9 | 12,854.2 | 13,734.3 | 4,590.7 | 2,639.8 | 2,669.7 | 2,640.2 | 3,672.4 | 4,038.9 | 3,382.8 | 5,959.0 | 4,610.7 |
| Manufacturing | 16,386.3 | 10,092.1 | 10,033.6 | 11,274.3 | 3,401.6 | 1,825.3 | 2,202.1 | 2,047.4 | 3,080.1 | 3,345.9 | 2,800.9 | 5,347.5 | 4,115.4 |
| Electronics | 2,942.4 | 4,672.4 | 5,647.8 | 7,384.4 | 2,330.6 | 618.2 | 433.3 | 1,459.2 | 2,122.1 | 2,399.5 | 1,403.6 | 896.7 | 2,822.1 |
| Chemicals | 11,549.9 | 3,055.6 | 1,651.4 | 2,523.8 | 135.7 | 107.2 | 1,385.6 | 22.8 | 600.9 | 712.3 | 1,187.8 | 3,978.2 | 883.3 |
| Biomedical Manufacturing | 738.3 | 1,041.9 | 426.3 | 196.6 | 10.9 | 205.2 | 74.2 | 45.9 | 77.5 | 23.0 | 50.2 | 103.7 | 111.8 |
| Precision Engineering | 297.3 | 868.4 | 476.8 | 669.7 | 32.7 | 194.8 | 147.9 | 405.0 | 14.3 | 109.0 | 141.4 | 105.9 | 87.5 |
| Transport Engineering | 655.7 | 337.6 | 1,480.5 | 423.7 | 580.1 | 699.9 | 124.4 | 50.5 | 265.3 | 90.0 | 17.9 | 263.0 | 180.5 |
| General Manufacturing Industries | 202.7 | 116.2 | 350.8 | 76.1 | 311.6 | 0.0 | 36.7 | 64.0 | 0.0 | 12.1 | 0.0 | 0.0 | 30.2 |
| Services Clusters | 1,659.7 | 1,661.8 | 2,820.6 | 2,460.0 | 1,189.1 | 814.5 | 467.6 | 592.8 | 592.3 | 693.0 | 581.9 | 611.5 | 495.3 |

${ }^{1}$ Including servicing, engineering and R\&D.

# INVESTMENT COMMITMENTS IN MANUFACTURING ${ }^{1}$ AND SERVICES BY COUNTRY OF ORIGIN [TABLE A8.3] 

|  |  |  |  |  | 2010 |  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 | 2009 | 2010 | 2011 | 11 | III | IV | 1 | 11 | III | IV | 1 | II |
|  | Fixed Asset Investments (Million Dollars) |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL | 18,046.0 | 11,753.9 | 12,854.2 | 13,734.3 | 4,590.7 | 2,639.8 | 2,669.7 | 2,640.2 | 3,672.4 | 4,038.9 | 3,382.8 | 5,959.0 | 4,610.7 |
| Local | 1,863.4 | 3,368.3 | 2,069.6 | 1,875.4 | 1,108.3 | 460.5 | 296.1 | 588.1 | 1,047.8 | 140.7 | 98.8 | 353.1 | 865.9 |
| Foreign | 16,182.6 | 8,385.6 | 10,784.6 | 11,858.9 | 3,482.4 | 2,179.3 | 2,373.6 | 2,052.1 | 2,624.6 | 3,898.2 | 3,284.0 | 5,605.9 | 3,744.8 |
| United States | 11,292.0 | 4,191.0 | 3,311.4 | 5,047.4 | 1,167.8 | 373.1 | 241.1 | 199.5 | 999.7 | 2,672.1 | 1,176.1 | 2,566.7 | 1,961.0 |
| Japan | 1,251.6 | 1,032.2 | 1,175.8 | 995.0 | 334.8 | 191.0 | 299.2 | 69.9 | 34.0 | 355.1 | 536.0 | 50.4 | 490.0 |
| Europe | 2,825.9 | 2,466.8 | 4,819.0 | 2,131.9 | 1,957.8 | 632.6 | 1,402.7 | 570.8 | 587.0 | 217.8 | 756.3 | 516.4 | 769.9 |
| Asia Pacific \& Others | 813.1 | 695.6 | 1,478.4 | 3,684.6 | 22.0 | 982.6 | 430.6 | 1,211.9 | 1,003.9 | 653.2 | 815.6 | 2,472.4 | 523.9 |

${ }^{1}$ Including servicing, engineering and R\&D.
Source: Economic Development Board

BUILDING AND CONSTRUCTION ACTIVITIES [TABLE A9.1]

|  | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 11 | III | IV | 1 | 11 | III | IV | 1 | II |
|  | Million Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| CONTRACTS AWARDED | 35,684.1 | 22,518.4 | 27,564.6 | 32,266.5 | 7,296.9 | 7,059.6 | 7,288.0 | 8,084.5 | 8,803.2 | 8,491.7 | 6,887.1 | 6,217.3 | 7,013.8 |
| Public | 15,481.5 | 13,896.2 | 8,546.5 | 14,824.4 | 1,774.1 | 1,751.6 | 2,530.7 | 2,845.7 | 4,559.8 | 4,103.2 | 3,315.8 | 2,960.6 | 1,924.0 |
| Private | 20,202.6 | 8,622.2 | 19,018.1 | 17,442.1 | 5,522.8 | 5,308.0 | 4,757.3 | 5,238.8 | 4,243.4 | 4,388.5 | 3,571.4 | 3,256.7 | 5,090.0 |
| CERTIFIED PAYMENTS | 26,217.3 | 30,893.5 | 27,427.8 | 27,687.6 | 6,841.3 | 6,727.0 | 6,856.1 | 6,651.8 | 6,638.5 | 6,964.3 | 7,433.0 | 7,118.1 | 7,029.3 |
| Public | 7,772.9 | 10,142.5 | 10,975.7 | 11,362.4 | 2,579.0 | 2,740.5 | 2,876.1 | 3,043.1 | 2,724.1 | 2,820.8 | 2,774.5 | 3,078.0 | 2,745.6 |
| Private | 18,444.4 | 20,751.0 | 16,452.2 | 16,325.3 | 4,262.3 | 3,986.6 | 3,980.0 | 3,608.7 | 3,914.5 | 4,143.5 | 4,658.5 | 4,040.1 | 4,283.7 |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| CONTRACTS AWARDED | 45.9 | -36.9 | 22.4 | 17.1 | 29.7 | 4.6 | 33.2 | 36.6 | 20.6 | 20.3 | -5.5 | -23.1 | -20.3 |
| Public | 171.6 | -10.2 | -38.5 | 73.5 | -56.7 | -60.3 | 51.9 | 14.3 | 157.0 | 134.3 | 31.0 | 4.0 | -57.8 |
| Private | 7.7 | -57.3 | 120.6 | -8.3 | 262.1 | 127.0 | 25.1 | 52.7 | -23.2 | -17.3 | -24.9 | -37.8 | 20.0 |
| CERTIFIED PAYMENTS | 46.7 | 17.8 | -11.2 | 0.9 | -9.6 | -12.5 | -13.4 | -5.0 | -3.0 | 3.5 | 8.4 | 7.0 | 5.9 |
| Public | 40.9 | 30.5 | 8.2 | 3.5 | 8.4 | 7.5 | 7.2 | 9.5 | 5.6 | 2.9 | -3.5 | 1.1 | 0.8 |
| Private | 49.3 | 12.5 | -20.7 | -0.8 | -17.8 | -22.4 | -24.0 | -14.6 | -8.2 | 3.9 | 17.0 | 12.0 | 9.4 |

Source: Building and Construction Authority

|  | Weights ${ }^{1}$ | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | II | III | IV | 1 | II | III | IV | I | II |
|  |  | 2010=100 |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL AT CURRENT PRICES | 10,000 | 109.5 | 101.0 | 100.0 | 104.4 | 94.1 | 98.1 | 105.9 | 99.9 | 103.2 | 102.6 | 112.1 | 109.3 | 103.8 |
| Total (excluding Motor Vehicles) | 7,535 | 95.8 | 93.5 | 100.0 | 107.8 | 95.5 | 98.2 | 108.0 | 105.4 | 104.6 | 105.1 | 115.9 | 111.5 | 106.7 |
| Department Stores | 1,525 | 91.0 | 93.2 | 100.0 | 107.1 | 96.8 | 97.0 | 107.7 | 105.8 | 104.4 | 103.4 | 114.6 | 110.3 | 104.0 |
| Supermarkets | 453 | 95.2 | 98.7 | 100.0 | 100.8 | 96.8 | 100.0 | 99.8 | 102.6 | 96.9 | 101.1 | 102.8 | 109.0 | 103.9 |
| Provision \& Sundry Shops | 475 | 98.3 | 100.7 | 100.0 | 106.5 | 96.1 | 101.1 | 103.3 | 105.8 | 103.9 | 108.5 | 107.7 | 110.7 | 107.2 |
| Food \& Beverages | 201 | 100.6 | 99.6 | 100.0 | 107.4 | 90.4 | 98.4 | 101.9 | 117.4 | 99.3 | 102.7 | 110.2 | 125.4 | 101.9 |
| Motor Vehicles | 2,465 | 169.1 | 133.4 | 100.0 | 94.3 | 89.8 | 97.9 | 99.4 | 82.9 | 98.9 | 95.0 | 100.4 | 102.5 | 94.9 |
| Petrol Service Stations | 508 | 107.6 | 91.6 | 100.0 | 115.1 | 100.4 | 100.6 | 99.0 | 109.5 | 115.7 | 118.4 | 116.6 | 123.7 | 120.4 |
| Medical Goods \& Toiletries | 415 | 85.0 | 90.1 | 100.0 | 109.7 | 98.1 | 99.5 | 105.7 | 108.2 | 105.7 | 108.2 | 116.5 | 122.8 | 118.3 |
| Wearing Apparel \& Footwear | 746 | 94.1 | 91.1 | 100.0 | 106.1 | 90.4 | 92.6 | 115.5 | 106.6 | 99.2 | 99.6 | 118.8 | 110.5 | 100.0 |
| Furniture \& Household Equipment | 817 | 97.7 | 91.1 | 100.0 | 102.5 | 97.2 | 100.7 | 108.3 | 99.2 | 99.8 | 101.4 | 109.7 | 103.3 | 101.2 |
| Recreational Goods | 184 | 97.8 | 97.6 | 100.0 | 103.4 | 99.9 | 96.0 | 107.8 | 98.0 | 105.0 | 99.5 | 111.2 | 100.7 | 107.7 |
| Watches \& Jewellery | 770 | 92.9 | 86.3 | 100.0 | 118.8 | 94.3 | 96.5 | 115.8 | 110.3 | 120.9 | 115.8 | 128.1 | 119.1 | 118.0 |
| Telecommunications \& Computers | 556 | 94.0 | 94.7 | 100.0 | 112.4 | 87.7 | 100.9 | 110.6 | 102.9 | 101.9 | 105.4 | 139.3 | 110.7 | 109.8 |
| Optical Goods \& Books | 367 | 98.9 | 95.9 | 100.0 | 97.9 | 98.2 | 94.5 | 109.0 | 101.1 | 96.0 | 89.5 | 105.2 | 97.1 | 91.6 |
| Others | 518 | 105.9 | 96.2 | 100.0 | 106.3 | 95.7 | 100.3 | 107.0 | 104.9 | 103.0 | 106.7 | 110.7 | 109.5 | 104.8 |
|  |  | Percentage Change Over Corresponding Period of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL AT CURRENT PRICES | 10,000 | 3.0 | -7.8 | -1.0 | 4.4 | -4.9 | -0.4 | 1.7 | -2.1 | 9.7 | 4.6 | 5.8 | 9.4 | 0.6 |
| Total (excluding Motor Vehicles) | 7,535 | 6.0 | -2.4 | 6.9 | 7.8 | 5.9 | 5.1 | 8.2 | 7.1 | 9.6 | 7.1 | 7.3 | 5.8 | 2.0 |
| Department Stores | 1,525 | 9.5 | 2.4 | 7.3 | 7.1 | 7.1 | 7.4 | 7.2 | 7.6 | 7.8 | 6.6 | 6.4 | 4.3 | -0.3 |
| Supermarkets | 453 | 11.0 | 3.6 | 1.4 | 0.8 | 1.1 | 1.4 | 1.1 | -0.7 | 0.1 | 1.1 | 3.0 | 6.2 | 7.2 |
| Provision \& Sundry Shops | 475 | 6.5 | 2.5 | -0.7 | 6.5 | -4.2 | -1.4 | 3.3 | 6.3 | 8.2 | 7.3 | 4.2 | 4.7 | 3.2 |
| Food \& Beverages | 201 | -0.8 | -1.0 | 0.4 | 7.4 | -2.0 | 2.8 | 5.3 | 7.4 | 9.9 | 4.3 | 8.2 | 6.8 | 2.6 |
| Motor Vehicles | 2,465 | -3.6 | -21.1 | -25.1 | -5.7 | -34.5 | -18.7 | -18.9 | -26.6 | 10.1 | -3.0 | 1.1 | 23.7 | -4.0 |
| Petrol Service Stations | 508 | 20.5 | -14.9 | 9.2 | 15.1 | 11.5 | 3.9 | 5.7 | 9.6 | 15.3 | 17.6 | 17.8 | 12.9 | 4.0 |
| Medical Goods \& Toiletries | 415 | 9.5 | 6.0 | 11.0 | 9.7 | 9.3 | 11.7 | 14.3 | 11.8 | 7.8 | 8.8 | 10.2 | 13.5 | 11.9 |
| Wearing Apparel \& Footwear | 746 | 2.3 | -3.1 | 9.7 | 6.1 | 6.9 | 2.6 | 15.0 | 5.1 | 9.7 | 7.6 | 2.8 | 3.7 | 0.8 |
| Furniture \& Household Equipment | 817 | 0.9 | -6.7 | 9.7 | 2.5 | 8.9 | 6.3 | 11.6 | 5.7 | 2.7 | 0.7 | 1.4 | 4.2 | 1.4 |
| Recreational Goods | 184 | -3.8 | -0.2 | 2.5 | 3.4 | 2.6 | 1.6 | 0.2 | 1.7 | 5.1 | 3.7 | 3.2 | 2.8 | 2.6 |
| Watches \& Jewellery | 770 | -1.8 | -7.1 | 15.8 | 18.8 | 20.5 | 12.7 | 12.2 | 18.1 | 28.2 | 20.0 | 10.6 | 8.0 | -2.4 |
| Telecommunications \& Computers | 556 | 6.3 | 0.8 | 5.6 | 12.4 | -0.6 | 8.3 | 3.4 | 2.1 | 16.1 | 4.5 | 25.9 | 7.6 | 7.8 |
| Optical Goods \& Books | 367 | 2.1 | -3.0 | 4.2 | -2.1 | 7.2 | 1.8 | 5.1 | 2.9 | -2.3 | -5.4 | -3.5 | -4.0 | -4.5 |
| Others | 518 | 5.8 | -9.2 | 3.9 | 6.3 | 2.7 | 2.2 | 6.2 | 8.1 | 7.6 | 6.4 | 3.5 | 4.4 | 1.7 |

[^13]RETAIL SALES INDEX - Cont'd [TAble A10.1]

|  | Weights ${ }^{1}$ | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | 11 | III | IV | 1 | 11 | III | IV | I | II |
|  |  | 2010=100 |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL AT CONSTANT PRICES | 10,000 | 113.1 | 102.6 | 100.0 | 102.0 | 94.1 | 98.1 | 104.4 | 98.3 | 101.1 | 99.8 | 108.7 | 105.9 | 101.3 |
| Total (excluding Motor Vehicles) | 7,535 | 97.4 | 94.7 | 100.0 | 105.4 | 95.7 | 98.2 | 107.0 | 104.0 | 102.5 | 102.3 | 112.7 | 107.8 | 103.9 |
| Department Stores | 1,525 | 93.4 | 93.9 | 100.0 | 105.8 | 97.4 | 96.7 | 106.8 | 104.9 | 103.4 | 102.0 | 112.8 | 107.8 | 102.1 |
| Supermarkets | 453 | 99.3 | 100.4 | 100.0 | 97.9 | 97.2 | 99.7 | 98.9 | 100.2 | 94.6 | 98.2 | 98.9 | 103.8 | 99.4 |
| Provision \& Sundry Shops | 475 | 101.6 | 101.9 | 100.0 | 103.8 | 96.2 | 100.9 | 102.5 | 104.2 | 101.8 | 105.4 | 103.9 | 106.3 | 102.7 |
| Food \& Beverages | 201 | 104.7 | 101.5 | 100.0 | 103.8 | 90.9 | 98.0 | 100.9 | 114.0 | 96.5 | 99.2 | 105.4 | 118.1 | 96.8 |
| Motor Vehicles | 2,465 | 174.6 | 133.1 | 100.0 | 91.6 | 89.1 | 97.7 | 96.6 | 80.7 | 96.8 | 92.2 | 96.6 | 100.0 | 93.2 |
| Petrol Service Stations | 508 | 101.3 | 99.2 | 100.0 | 103.1 | 99.9 | 101.8 | 97.9 | 100.0 | 103.1 | 106.5 | 102.8 | 105.2 | 104.6 |
| Medical Goods \& Toiletries | 415 | 87.5 | 91.1 | 100.0 | 107.7 | 98.5 | 99.6 | 104.6 | 106.8 | 104.4 | 105.7 | 114.0 | 119.7 | 115.8 |
| Wearing Apparel \& Footwear | 746 | 95.1 | 91.2 | 100.0 | 106.0 | 91.2 | 91.9 | 114.4 | 107.1 | 99.5 | 99.2 | 118.3 | 109.6 | 99.6 |
| Furniture \& Household Equipment | 817 | 97.6 | 90.6 | 100.0 | 103.6 | 97.0 | 101.0 | 108.8 | 100.1 | 100.2 | 102.8 | 111.3 | 105.7 | 104.3 |
| Recreational Goods | 184 | 97.1 | 96.6 | 100.0 | 105.2 | 99.9 | 95.7 | 107.9 | 99.0 | 106.5 | 101.7 | 113.7 | 102.6 | 111.3 |
| Watches \& Jewellery | 770 | 111.3 | 94.6 | 100.0 | 108.0 | 94.6 | 96.6 | 111.3 | 106.3 | 112.4 | 101.4 | 111.7 | 104.3 | 105.0 |
| Telecommunications \& Computers | 556 | 86.6 | 90.0 | 100.0 | 117.6 | 87.4 | 102.7 | 111.2 | 105.0 | 105.3 | 111.3 | 148.6 | 118.8 | 119.0 |
| Optical Goods \& Books | 367 | 102.1 | 96.3 | 100.0 | 96.7 | 98.0 | 94.4 | 108.8 | 100.6 | 94.8 | 88.3 | 103.1 | 95.7 | 89.9 |
| Others | 518 | 107.7 | 97.6 | 100.0 | 104.2 | 96.1 | 100.0 | 106.1 | 104.0 | 101.3 | 104.2 | 107.5 | 105.8 | 101.4 |
|  |  | Percentage Change Over Corresponding Period of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL AT CONSTANT PRICES | 10,000 | -1.7 | -9.3 | -2.5 | 2.0 | -6.7 | -1.6 | -1.0 | -5.0 | 7.4 | 1.8 | 4.1 | 7.7 | 0.2 |
| Total (excluding Motor Vehicles) | 7,535 | 1.4 | -2.7 | 5.6 | 5.4 | 4.3 | 4.3 | 6.4 | 4.9 | 7.1 | 4.2 | 5.3 | 3.6 | 1.4 |
| Department Stores | 1,525 | 5.0 | 0.5 | 6.5 | 5.8 | 6.2 | 6.5 | 5.6 | 5.8 | 6.2 | 5.5 | 5.6 | 2.8 | -1.2 |
| Supermarkets | 453 | 2.9 | 1.2 | -0.4 | -2.1 | -0.5 | -1.1 | -1.5 | -3.9 | -2.7 | -1.6 | 0.0 | 3.6 | 5.1 |
| Provision \& Sundry Shops | 475 | -2.7 | 0.4 | -1.9 | 3.8 | -5.1 | -2.9 | 1.2 | 3.8 | 5.8 | 4.4 | 1.4 | 2.1 | 0.9 |
| Food \& Beverages | 201 | -6.8 | -3.1 | -1.4 | 3.8 | -3.6 | 0.0 | 2.3 | 3.4 | 6.1 | 1.2 | 4.5 | 3.6 | 0.3 |
| Motor Vehicles | 2,465 | -7.8 | -23.8 | -24.9 | -8.4 | -34.5 | -19.2 | -22.7 | -30.8 | 8.7 | -5.6 | 0.0 | 23.9 | -3.7 |
| Petrol Service Stations | 508 | 3.2 | -2.1 | 0.8 | 3.1 | 0.3 | 2.4 | -0.2 | -0.4 | 3.2 | 4.6 | 5.0 | 5.2 | 1.5 |
| Medical Goods \& Toiletries | 415 | 5.8 | 4.1 | 9.8 | 7.7 | 8.2 | 10.9 | 12.5 | 9.8 | 6.0 | 6.2 | 9.0 | 12.0 | 10.9 |
| Wearing Apparel \& Footwear | 746 | 0.8 | -4.1 | 9.6 | 6.0 | 6.4 | 2.7 | 14.5 | 4.5 | 9.1 | 8.0 | 3.4 | 2.4 | 0.1 |
| Furniture \& Household Equipment | 817 | 0.0 | -7.2 | 10.4 | 3.6 | 9.4 | 7.1 | 12.8 | 7.4 | 3.3 | 1.8 | 2.3 | 5.6 | 4.0 |
| Recreational Goods | 184 | -3.6 | -0.4 | 3.5 | 5.2 | 3.5 | 2.5 | 1.1 | 2.6 | 6.6 | 6.2 | 5.4 | 3.6 | 4.5 |
| Watches \& Jewellery | 770 | -9.9 | -15.0 | 5.7 | 8.0 | 8.1 | 1.5 | 3.2 | 9.1 | 18.7 | 5.0 | 0.4 | -1.9 | -6.6 |
| Telecommunications \& Computers | 556 | 14.1 | 3.9 | 11.1 | 17.6 | 4.5 | 16.1 | 8.3 | 6.5 | 20.5 | 8.4 | 33.7 | 13.1 | 13.0 |
| Optical Goods \& Books | 367 | -0.4 | -5.6 | 3.8 | -3.3 | 6.5 | 1.2 | 4.6 | 1.8 | -3.3 | -6.4 | -5.2 | -4.8 | -5.1 |
| Others | 518 | -0.9 | -9.4 | 2.5 | 4.2 | 1.7 | 0.3 | 4.1 | 6.3 | 5.4 | 4.2 | 1.3 | 1.8 | 0.1 |

VISITOR ARRIVALS BY INBOUND TOURISM MARKETS [TABLE A11.1]

|  | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | $\begin{gathered} 2012 \\ \text { I } \end{gathered}$ | $\begin{gathered} 2012 \\ \text { II } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 11 | III | IV | 1 | 11 | III | IV |  |  |
|  | Thousand |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL | 10,116.1 | 9,682.7 | 11,641.7 | 13,171.3 | 2,836.7 | 3,039.5 | 3,070.7 | 3,118.1 | 3,237.5 | 3,486.1 | 3,329.6 | 3,576.2 | 3,518.8 |
| ASEAN | 3,571.4 | 3,684.8 | 4,821.8 | 5,414.3 | 1,227.7 | 1,265.8 | 1,335.9 | 1,209.4 | 1,394.3 | 1,397.8 | 1,412.7 | 1,341.7 | 1,502.6 |
| Japan | 571.0 | 490.0 | 529.0 | 656.4 | 108.5 | 146.3 | 143.9 | 167.0 | 118.0 | 189.9 | 181.6 | 193.0 | 153.9 |
| Hong Kong SAR | 278.1 | 294.4 | 387.6 | 464.4 | 99.8 | 121.9 | 95.3 | 100.2 | 128.3 | 137.1 | 98.8 | 104.6 | 114.8 |
| India | 778.3 | 725.6 | 829.0 | 869.0 | 272.7 | 176.9 | 222.0 | 171.4 | 279.2 | 190.4 | 228.0 | 184.6 | 302.5 |
| China, People's Republic of | 1,078.7 | 936.7 | 1,171.5 | 1,577.5 | 232.4 | 322.8 | 286.2 | 411.7 | 346.1 | 472.0 | 347.8 | 542.1 | 434.1 |
| Taiwan | 175.9 | 156.8 | 191.2 | 238.5 | 45.2 | 58.4 | 39.2 | 52.6 | 58.0 | 79.1 | 48.8 | 76.1 | 61.6 |
| South Korea | 423.0 | 272.0 | 360.7 | 414.9 | 87.0 | 92.5 | 82.1 | 107.5 | 96.0 | 115.1 | 96.3 | 125.4 | 99.3 |
| Australia | 833.2 | 830.3 | 880.6 | 956.0 | 208.2 | 235.8 | 228.0 | 222.0 | 242.0 | 252.7 | 239.2 | 229.8 | 242.8 |
| United Kingdom | 492.9 | 469.8 | 461.8 | 442.6 | 96.4 | 98.5 | 120.4 | 132.8 | 97.7 | 99.6 | 112.5 | 139.4 | 92.0 |
| United States | 396.6 | 370.7 | 417.2 | 440.6 | 104.7 | 103.4 | 105.4 | 115.4 | 107.9 | 107.2 | 110.0 | 126.6 | 115.9 |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL | -1.6 | -4.3 | 20.2 | 13.1 | 25.8 | 20.3 | 16.0 | 15.7 | 14.1 | 14.7 | 8.4 | 14.7 | 8.7 |
| ASEAN | -4.1 | 3.2 | 30.9 | 12.3 | 36.5 | 32.4 | 24.8 | 21.9 | 13.6 | 10.4 | 5.8 | 10.9 | 7.8 |
| Japan | -3.9 | -14.2 | 8.0 | 24.1 | 21.2 | -2.4 | 17.3 | 28.2 | 8.7 | 29.8 | 26.2 | 15.6 | 30.5 |
| Hong Kong SAR | -7.9 | 5.9 | 31.6 | 19.8 | 39.0 | 33.8 | 42.1 | 42.0 | 28.5 | 12.5 | 3.6 | 4.3 | -10.5 |
| India | 4.0 | -6.8 | 14.2 | 4.8 | 21.2 | -0.5 | 18.6 | 8.9 | 2.4 | 7.7 | 2.7 | 7.7 | 8.4 |
| China, People's Republic of | -3.2 | -13.2 | 25.1 | 34.7 | 29.0 | 47.8 | 9.4 | 24.8 | 48.9 | 46.2 | 21.5 | 31.7 | 25.4 |
| Taiwan | -15.5 | -10.9 | 22.0 | 24.7 | 28.8 | 28.9 | 11.5 | 8.5 | 28.5 | 35.5 | 24.6 | 44.8 | 6.2 |
| South Korea | -8.9 | -35.7 | 32.6 | 15.0 | 35.5 | 17.9 | 47.3 | 8.4 | 10.3 | 24.4 | 17.4 | 16.7 | 3.4 |
| Australia | 8.4 | -0.3 | 6.1 | 8.6 | 9.6 | 7.2 | -2.7 | 6.4 | 16.3 | 7.2 | 5.0 | 3.5 | 0.3 |
| United Kingdom | -0.6 | -4.7 | -1.7 | -4.1 | -1.2 | -7.6 | -2.9 | -9.4 | 1.4 | 1.1 | -6.6 | 4.9 | -5.9 |
| United States | -3.0 | -6.5 | 12.5 | 5.6 | 19.3 | 8.8 | 5.0 | 11.2 | 3.1 | 3.7 | 4.3 | 9.7 | 7.4 |

Notes: 1 Figures exclude Malaysian arrivals by land.
2 The term "ASEAN" stands for "Association of South East Asian Nations" and refers to the ten-country
political association comprising Brunei, Cambodia, Indonesia, Philippines, Laos, Malaysia, Myanmar,
Singapore, Thailand and Vietnam. However, when used in the statistical tables, the term excludes Singapore.

TRANSPORT AND COMMUNICATIONS [TABLE A12.1]

|  | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | $\begin{gathered} 2012 \\ \mathrm{I} \end{gathered}$ | $\begin{gathered} 2012 \\ \text { II } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 11 | III | IV | I | 11 | III | IV |  |  |
| Total Sea Cargo Handled (Million Tonnes) | 515.4 | 472.3 | 503.3 | 531.2 | 126.8 | 124.7 | 127.6 | 127.3 | 140.2 | 133.9 | 129.7 | 134.4 | 136.4 |
| General \& Bulk Cargo | 348.1 | 295.0 | 326.3 | 347.3 | 83.2 | 81.6 | 82.1 | 83.3 | 88.0 | 87.8 | 88.3 | 90.5 | 94.5 |
| Oil-in-Bulk | 167.3 | 177.3 | 177.1 | 183.8 | 43.6 | 43.2 | 45.5 | 44.0 | 52.3 | 46.1 | 41.4 | 44.0 | 42.0 |
| Total Container Throughput ('000 TEUs) | 29,918.2 | 25,866.6 | 28,431.1 | 29,937.7 | 7,138.3 | 7,181.1 | 7,186.6 | 7,067.2 | 7,515.2 | 7,675.5 | 7,679.8 | 7,536.9 | 8,103.4 |
| Sea Passenger Handled ('000) | 6,949.7 | 6,633.3 | 6,259.0 | 6,397.8 | 1,519.8 | 1,479.6 | 1,702.1 | 1,552.7 | 1,618.6 | 1,529.4 | 1,697.1 | 1,606.7 | 1,560.0 |
| Vessel Arrivals ${ }^{1}$ (Million Gross Tons) | 1,621.1 | 1,784.7 | 1,919.4 | 2,120.3 | 474.7 | 487.3 | 499.3 | 519.1 | 517.8 | 530.6 | 552.8 | 552.8 | 571.0 |
| Total Air Cargo Handled ('000 Tonnes) | 1,861.4 | 1,636.6 | 1,816.2 | 1,868.2 | 450.5 | 464.1 | 471.7 | 441.7 | 466.9 | 468.7 | 491.0 | 444.9 | 455.7 |
| Discharged | 954.2 | 848.2 | 942.8 | 985.0 | 234.5 | 241.7 | 243.2 | 230.7 | 246.0 | 248.7 | 259.7 | 236.3 | 243.1 |
| Loaded | 907.2 | 788.3 | 873.4 | 883.2 | 216.0 | 222.4 | 228.6 | 211.0 | 221.0 | 219.9 | 231.3 | 208.6 | 212.6 |
| Air Passenger Handled ('000) | 36,332.3 | 36,125.4 | 40,966.1 | 45,443.6 | 10,044.3 | 10,238.2 | 11,008.6 | 10,633.1 | 11,251.9 | 11,529.4 | 12,029.2 | 12,018.9 | 12,383.1 |
| Aircraft Landings (Number) | 120,793 | 123,739 | 135,474 | 154,536 | 33,625 | 34,349 | 35,073 | 35,900 | 37,967 | 39,533 | 41,136 | 41,078 | 41,222 |
| Postal Articles Handled (Mil) | 1,910.8 | 1,929.3 | 2,009.1 | 2,085.5 | 493.4 | 481.1 | 552.4 | 522.6 | 532.7 | 502.3 | 527.9 | 502.1 | 519.9 |
| Fixed Line Subscriptions ${ }^{2}$ ('000) | 1,872.0 | 1,896.1 | 1,983.9 | 2,016.9 | 1,944.0 | 1,966.2 | 1,983.9 | 1,996.1 | 2,007.7 | 2,017.4 | 2,016.9 | 2,018.1 | 2,016.6 |
| Mobile Subscriptions ${ }^{2}$ ('000) | 6,340.2 | 6,857.2 | 7,288.6 | 7,755.2 | 7,017.2 | 7,178.4 | 7,288.6 | 7,384.6 | 7,537.0 | 7,667.5 | 7,755.2 | 7,794.3 | 7,846.1 |
| Broadband Internet Subscriptions ${ }^{3}$ ('000) | 4,715.9 | 5,819.0 | 7,849.3 | 9,222.3 | 6,791.0 | 7,358.4 | 7,849.3 | 8,197.0 | 8,532.6 | 8,960.0 | 9,222.3 | 9,441.8 | 9,643.5 |
| Total International Telephone Call Minutes (Mil) | 8,456.7 | 10,169.0 | 12,436.3 | 12,286.8 | 3,075.2 | 3,249.7 | 3,205.9 | 3,080.3 | 3,009.8 | 3,070.0 | 3,126.7 | 3,317.0 | 3,263.0 |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| Total Sea Cargo Handled | 6.6 | -8.4 | 6.6 | 5.5 | 7.3 | 5.6 | 4.0 | 2.5 | 10.6 | 7.4 | 1.6 | 5.6 | -2.7 |
| General \& Bulk Cargo | 6.7 | -15.3 | 10.6 | 6.5 | 13.3 | 6.3 | 4.5 | 4.9 | 5.7 | 7.6 | 7.5 | 8.6 | 7.4 |
| Oil-in-Bulk | 6.3 | 6.0 | -0.1 | 3.8 | -2.7 | 4.3 | 3.2 | -1.7 | 19.9 | 6.9 | -9.0 | -0.1 | -19.7 |
| Total Container Throughput | 7.1 | -13.5 | 9.9 | 5.3 | 13.7 | 8.1 | 3.8 | 2.1 | 5.3 | 6.9 | 6.9 | 6.6 | 7.8 |
| Sea Passenger Handled | -2.5 | -4.6 | -5.6 | 2.2 | -7.6 | -8.4 | -4.4 | -0.3 | 6.5 | 3.4 | -0.3 | 3.5 | -3.6 |
| Vessel Arrivals ${ }^{1}$ | 11.1 | 10.1 | 7.5 | 10.5 | 5.8 | 6.4 | 9.8 | 13.3 | 9.1 | 8.9 | 10.7 | 6.5 | 10.3 |
| Total Air Cargo Handled | -2.0 | -12.1 | 11.0 | 2.9 | 14.7 | 9.5 | 3.1 | 2.8 | 3.6 | 1.0 | 4.1 | 0.7 | -2.4 |
| Discharged | -1.3 | -11.1 | 11.2 | 4.5 | 13.7 | 10.2 | 4.7 | 3.2 | 4.9 | 2.9 | 6.8 | 2.5 | -1.2 |
| Loaded | -2.8 | -13.1 | 10.8 | 1.1 | 15.7 | 8.7 | 1.4 | 2.3 | 2.3 | -1.1 | 1.2 | -1.1 | -3.8 |
| Air Passenger Handled | 3.0 | -0.6 | 13.4 | 10.9 | 18.1 | 12.4 | 7.4 | 9.9 | 12.0 | 12.6 | 9.3 | 13.0 | 10.1 |
| Aircraft Landings | 4.9 | 2.4 | 9.5 | 14.1 | 11.7 | 9.4 | 7.3 | 10.7 | 12.9 | 15.1 | 17.3 | 14.4 | 8.6 |
| Postal Articles Handled | 2.6 | 1.0 | 4.1 | 3.8 | 7.7 | -1.0 | 11.3 | 8.4 | 8.0 | 4.4 | -4.4 | -3.9 | -2.4 |
| Fixed Line Subscriptions ${ }^{2}$ | 0.7 | 1.3 | 4.6 | 1.7 | 3.2 | 4.2 | 4.6 | 3.4 | 3.3 | 2.6 | 1.7 | 1.1 | 0.4 |
| Mobile Subscriptions ${ }^{2}$ | 12.8 | 8.2 | 6.3 | 6.4 | 7.7 | 7.0 | 6.3 | 7.3 | 7.4 | 6.8 | 6.4 | 5.5 | 4.1 |
| Broadband Internet Subscriptions ${ }^{2}$ | 45.1 | 23.4 | 34.9 | 17.5 | 32.5 | 34.7 | 34.9 | 31.7 | 25.6 | 21.8 | 17.5 | 15.2 | 13.0 |
| Total International Telephone Call Minutes | 34.2 | 20.2 | 22.3 | -1.2 | 29.0 | 24.1 | 12.2 | 6.0 | -2.1 | -5.5 | -2.5 | 7.7 | 8.4 |

${ }^{1}$ Include all sea-going vessels \& regional ferries above 75 GT .
${ }^{2}$ At end of period.
Source: Maritime and Port Authority of Singapore

MONEY SUPPLY (At End Of Period) [TAble A13.1]

|  |  |  |  |  |  | 2010 |  |  | 20 | 11 |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 | 2009 | 2010 | 2011 | 11 | III | IV | 1 | 11 | III | IV | 1 | II |
|  | Million Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| Money Supply (M2) | 333,411.1 | 371,207.9 | 403,078.2 | 443,352.8 | 382,499.8 | 390,847.5 | 403,078.2 | 413,255.5 | 423,516.7 | 434,818.4 | 443,352.8 | 453,500.7 | 451,119.1 |
| Money Supply (M1) | 75,703.8 | 93,472.1 | 112,465.5 | 129,118.9 | 102,457.8 | 106,789.2 | 112,465.5 | 116,934.8 | 122,298.5 | 128,118.8 | 129,118.9 | 128,887.6 | 130,393.6 |
| Currency in Active Circulation | 18,997.4 | 20,216.5 | 22,299.5 | 24,690.3 | 21,350.1 | 21,680.7 | 22,299.5 | 22,956.0 | 23,166.6 | 23,664.6 | 24,690.3 | 25,340.0 | 25,422.6 |
| Demand Deposits of Private Sector | 56,706.4 | 73,255.6 | 90,166.0 | 104,428.6 | 81,107.7 | 85,108.5 | 90,166.0 | 93,978.8 | 99,131.9 | 104,454.2 | 104,428.6 | 103,547.6 | 104,971.0 |
| Quasi-Money | 257,707.3 | 277,735.8 | 290,612.7 | 314,233.9 | 280,042.0 | 284,058.3 | 290,612.7 | 296,320.7 | 301,218.2 | 306,699.6 | 314,233.9 | 324,613.1 | 320,725.5 |
| Fixed Deposits | 155,121.9 | 156,731.1 | 154,420.9 | 160,704.5 | 152,552.5 | 152,672.2 | 154,420.9 | 156,444.1 | 157,382.9 | 159,422.3 | 160,704.5 | 166,995.0 | 164,772.3 |
| Singapore Dollar Negotiable Certificates of Deposit Held | 18.0 | 0.0 | 20.0 | 165.0 | 0.0 | $20.0$ | $20.0$ | 20.0 | $85.0$ | $165.0$ | $165.0$ | 170.0 | $140.0$ |
| Savings \& Other Deposits | 102,567.4 | 121,004.7 | 136,171.8 | 153,364.4 | 127,489.5 | 131,366.1 | 136,171.8 | 139,856.6 | 143,750.3 | 147,112.3 | 153,364.4 | 157,448.1 | 155,813.2 |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| Money Supply (M2) | 12.0 | 11.3 | 8.6 | 10.0 | 7.3 | 8.1 | 8.6 | 8.7 | 10.7 | 11.3 | 10.0 | 9.7 | 6.5 |
| Money Supply (M1) | 18.4 | 23.5 | 20.3 | 14.8 | 18.1 | 17.1 | 20.3 | 20.6 | 19.4 | 20.0 | 14.8 | 10.2 | 6.6 |
| Currency in Active Circulation | 14.0 | 6.4 | 10.3 | 10.7 | 9.8 | 10.1 | 10.3 | 8.5 | 8.5 | 9.2 | 10.7 | 10.4 | 9.7 |
| Demand Deposits of Private Sector | 20.0 | 29.2 | 23.1 | 15.8 | 20.5 | 19.0 | 23.1 | 23.9 | 22.2 | 22.7 | 15.8 | 10.2 | 5.9 |
| Quasi-Money | 10.3 | 7.8 | 4.6 | 8.1 | 3.9 | 5.1 | 4.6 | 4.7 | 7.6 | 8.0 | 8.1 | 9.5 | 6.5 |
| Fixed Deposits | 2.2 | 1.0 | -1.5 | 4.1 | -1.2 | 0.4 | -1.5 | -0.3 | 3.2 | 4.4 | 4.1 | 6.7 | 4.7 |
| Singapore Dollar Negotiable Certificates of Deposit Held | -72.6 | na | na | 725.0 | na | na | na | na | na | 725.0 | 725.0 | 750.0 | 64.7 |
| Savings \& Other Deposits | 25.4 | 18.0 | 12.5 | 12.6 | 10.7 | 11.2 | 12.5 | 11.0 | 12.8 | 12.0 | 12.6 | 12.6 | 8.4 |

MONETARY SURVEY (At End Of Period) [TAble A13.2]

|  | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | $2012$I | $2012$II |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | II | III | IV | 1 | II | III | IV |  |  |
|  | Million Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| Money Supply (M2) | 333,411.1 | 371,207.9 | 403,078.2 | 443,352.8 | 382,499.8 | 390,847.5 | 403,078.2 | 413,255.5 | 423,516.7 | 434,818.4 | 443,352.8 | 453,500.7 | 451,119.1 |
| Money Supply (M1) | 75,703.8 | 93,472.1 | 112,465.5 | 129,118.9 | 102,457.8 | 106,789.2 | 112,465.5 | 116,934.8 | 122,298.5 | 128,118.8 | 129,118.9 | 128,887.6 | 130,393.6 |
| Quasi-Money | 257,707.3 | 277,735.8 | 290,612.7 | 314,233.9 | 280,042.0 | 284,058.3 | 290,612.7 | 296,320.7 | 301,218.2 | 306,699.6 | 314,233.9 | 324,613.1 | 320,725.5 |
| Domestic Credit | 341,647.4 | 362,231.1 | 402,505.3 | 466,131.1 | 379,441.9 | 389,428.5 | 402,505.3 | 414,281.9 | 441,286.3 | 454,700.7 | 466,131.1 | 482,001.5 | 490,868.4 |
| Public Sector | 73,556.2 | 88,700.4 | 92,334.1 | 98,227.2 | 92,303.2 | 90,037.7 | 92,334.1 | 92,351.6 | 100,193.1 | 98,692.1 | 98,227.2 | 100,730.6 | 101,381.7 |
| Private Sector | 268,091.2 | 273,530.7 | 310,171.2 | 367,903.9 | 287,138.7 | 299,390.8 | 310,171.2 | 321,930.3 | 341,093.2 | 356,008.6 | 367,903.9 | 381,270.9 | 389,486.7 |
| Government Deposits | 134,810.0 | 120,401.9 | 142,188.2 | 160,243.4 | 132,634.2 | 134,124.4 | 142,188.2 | 137,541.2 | 148,748.3 | 152,538.3 | 160,243.4 | 164,114.2 | 172,317.9 |
| Net Foreign Position | 265,164.5 | 298,222.6 | 308,626.5 | 299,478.1 | 296,430.3 | 307,612.6 | 308,626.5 | 313,196.9 | 312,952.2 | 293,485.3 | 299,478.1 | 301,040.7 | 300,043.7 |
| Monetary Authorities | 249,585.9 | 261,294.6 | 286,606.3 | 305,121.0 | 277,324.1 | 279,678.1 | 286,606.3 | 291,995.3 | 294,227.9 | 301,947.7 | 305,121.0 | 303,045.3 | 304,979.1 |
| Banks | 15,578.6 | 36,928.0 | 22,020.2 | -5,642.9 | 19,106.2 | 27,934.5 | 22,020.2 | 21,201.6 | 18,724.3 | -8,462.4 | -5,642.9 | -2,004.6 | -4,935.4 |
| Other Items | -138,590.8 | -168,843.9 | -165,865.4 | -162,013.0 | -160,738.2 | -172,069.2 | -165,865.4 | -176,682.1 | -181,973.5 | -160,829.3 | -162,013.0 | -165,427.3 | -167,475.1 |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| Money Supply (M2) | 12.0 | 11.3 | 8.6 | 10.0 | 7.3 | 8.1 | 8.6 | 8.7 | 10.7 | 11.3 | 10.0 | 9.7 | 6.5 |
| Money Supply (M1) | 18.4 | 23.5 | 20.3 | 14.8 | 18.1 | 17.1 | 20.3 | 20.6 | 19.4 | 20.0 | 14.8 | 10.2 | 6.6 |
| Quasi-Money | 10.3 | 7.8 | 4.6 | 8.1 | 3.9 | 5.1 | 4.6 | 4.7 | 7.6 | 8.0 | 8.1 | 9.5 | 6.5 |
| Domestic Credit | 14.2 | 6.0 | 11.1 | 15.8 | 7.4 | 8.2 | 11.1 | 11.2 | 16.3 | 16.8 | 15.8 | 16.3 | 11.2 |
| Public Sector | 10.7 | 20.6 | 4.1 | 6.4 | 7.1 | 0.3 | 4.1 | -1.4 | 8.5 | 9.6 | 6.4 | 9.1 | 1.2 |
| Private Sector | 15.2 | 2.0 | 13.4 | 18.6 | 7.5 | 10.9 | 13.4 | 15.4 | 18.8 | 18.9 | 18.6 | 18.4 | 14.2 |
| Government Deposits | 19.2 | -10.7 | 18.1 | 12.7 | 2.9 | 3.1 | 18.1 | 10.8 | 12.1 | 13.7 | 12.7 | 19.3 | 15.8 |

ASSETS OF BANKS (At End Of Period) [TABLE A13.3]

|  | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | $2012$ <br> I | $\begin{gathered} 2012 \\ \text { II } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | II | III | IV | 1 | II | III | IV |  |  |
|  | Million Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL ASSETS | 668,298.4 | 706,814.2 | 781,607.4 | 859,124.4 | 732,939.3 | 764,279.9 | 781,607.4 | 796,128.2 | 836,632.6 | 855,000.5 | 859,124.4 | 869,702.9 | 882,557.8 |
| Cash | 1,739.8 | 2,026.8 | 2,219.9 | 2,796.4 | 1,838.0 | 1,692.5 | 2,219.9 | 1,913.1 | 2,054.2 | 2,345.2 | 2,796.4 | 2,421.7 | 2,383.3 |
| Amounts Due from Banks \& Asian Currency Units | 217,089.8 | 227,923.9 | 232,272.3 | 216,223.0 | 228,064.5 | 230,015.5 | 232,272.3 | 224,738.7 | 218,100.5 | 221,196.4 | 216,223.0 | 211,633.4 | 197,769.3 |
| Balances with MAS | 13,466.0 | 13,999.9 | 15,878.7 | 17,815.3 | 13,713.3 | 14,453.9 | 15,878.7 | 16,893.0 | 18,287.0 | 17,770.2 | 17,815.3 | 17,515.7 | 18,646.0 |
| Securities \& Equities | 98,715.1 | 122,968.0 | 130,081.3 | 137,711.5 | 128,378.0 | 130,351.1 | 130,081.3 | 128,385.1 | 136,003.2 | 139,542.6 | 137,711.5 | 145,195.3 | 147,575.2 |
| Loans \& Advances Including Bills Financing | 272,175.4 | 281,296.8 | 322,743.8 | 420,455.5 | 296,629.5 | 309,370.7 | 322,743.8 | 343,394.7 | 374,320.3 | 405,436.5 | 420,455.5 | 432,608.2 | 452,567.7 |
| Loans \& Advances | 262,685.7 | 269,988.3 | 302,693.4 | 375,873.4 | 279,287.6 | 292,260.3 | 302,693.4 | 319,159.6 | 344,357.7 | 362,395.0 | 375,873.4 | 390,143.6 | 400,527.3 |
| Bills Discounted or Purchased ${ }^{1}$ | 9,489.7 | 11,308.5 | 20,050.4 | 44,582.2 | 17,341.9 | 17,110.5 | 20,050.4 | 24,235.2 | 29,962.5 | 43,041.4 | 44,582.2 | 42,464.6 | 52,040.4 |
| Other Assets | 65,112.3 | 58,598.7 | 78,411.4 | 64,122.6 | 64,316.1 | 78,396.2 | 78,411.4 | 80,803.7 | 87,867.4 | 68,709.6 | 64,122.6 | 60,328.5 | 63,616.3 |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL ASSETS | 14.7 | 5.8 | 10.6 | 9.9 | 6.8 | 10.4 | 10.6 | 8.2 | 14.1 | 11.9 | 9.9 | 9.2 | 5.5 |
| Cash | -1.9 | 16.5 | 9.5 | 26.0 | 10.5 | 5.4 | 9.5 | 17.2 | 11.8 | 38.6 | 26.0 | 26.6 | 16.0 |
| Amounts Due from Banks \& Asian Currency Units | 11.4 | 5.0 | 1.9 | -6.9 | 0.2 | 6.7 | 1.9 | -7.4 | -4.4 | -3.8 | -6.9 | -5.8 | -9.3 |
| Balances with MAS | 41.3 | 4.0 | 13.4 | 12.2 | -1.2 | 2.6 | 13.4 | 25.8 | 33.4 | 22.9 | 12.2 | 3.7 | 2.0 |
| Securities \& Equities | 7.4 | 24.6 | 5.8 | 5.9 | 13.4 | 4.9 | 5.8 | 0.0 | 5.9 | 7.1 | 5.9 | 13.1 | 8.5 |
| Loans \& Advances Including Bills Financing | 16.6 | 3.4 | 14.7 | 30.3 | 9.0 | 12.1 | 14.7 | 19.9 | 26.2 | 31.1 | 30.3 | 26.0 | 20.9 |
| Loans \& Advances | 17.1 | 2.8 | 12.1 | 24.2 | 6.1 | 9.5 | 12.1 | 17.0 | 23.3 | 24.0 | 24.2 | 22.2 | 16.3 |
| Bills Discounted or Purchased ${ }^{1}$ | 5.0 | 19.2 | 77.3 | 122.4 | 93.2 | 91.9 | 77.3 | 79.0 | 72.8 | 151.5 | 122.4 | 75.2 | 73.7 |
| Other Assets | 26.7 | -10.0 | 33.8 | -18.2 | 11.4 | 29.1 | 33.8 | 28.3 | 36.6 | -12.4 | -18.2 | -25.3 | -27.6 |

${ }^{1}$ Excluding bills rediscounted between banks.
Source: Monetary Authority of Singapore

LIABILITIES OF BANKS (At End Of Period) [TAble A13.4]

|  |  |  |  |  |  | 2010 |  |  |  | 11 |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 | 2009 | 2010 | 2011 | 11 | III | IV | 1 | 11 | III | IV | 1 | II |
|  | Million Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL LIABILITIES | 668,298.4 | 706,814.2 | 781,607.4 | 859,124.4 | 732,939.3 | 764,279.9 | 781,607.4 | 796,128.2 | 836,632.6 | 855,000.5 | 859,124.4 | 869,702.9 | 882,557.8 |
| Capital \& Reserves | 51,315.7 | 54,967.6 | 62,441.7 | 64,845.4 | 59,726.6 | 60,009.1 | 62,441.7 | 66,450.7 | 64,873.6 | 65,416.8 | 64,845.4 | 65,490.1 | 65,680.6 |
| Deposits of Non-Bank Customers ${ }^{1}$ | 347,507.4 | 391,495.1 | 433,757.8 | 483,110.3 | 404,712.5 | 418,241.3 | 433,757.8 | 444,698.8 | 455,306.8 | 473,271.7 | 483,110.3 | 492,554.8 | 492,682.4 |
| Demand Deposits | 62,100.4 | 81,047.0 | 100,394.2 | 118,369.5 | 89,743.9 | 95,709.7 | 100,394.2 | 105,584.4 | 110,869.2 | 118,961.2 | 118,369.5 | 118,895.2 | 119,074.6 |
| Fixed Deposits | 175,646.9 | 179,571.8 | 185,564.8 | 197,609.5 | 176,762.5 | 180,084.2 | 185,564.8 | 187,571.1 | 188,352.0 | 194,295.7 | 197,609.5 | 201,265.3 | 203,124.6 |
| Savings Deposits | 109,033.5 | 129,995.1 | 146,802.5 | 165,546.2 | 137,291.0 | 141,504.7 | 146,802.5 | 150,429.9 | 154,621.8 | 158,492.4 | 165,546.2 | 168,386.1 | 167,821.8 |
| Amounts Due to Banks | 184,405.1 | 176,394.4 | 188,564.9 | 226,427.6 | 181,334.1 | 189,615.6 | 188,564.9 | 185,104.8 | 205,439.4 | 224,264.5 | 226,427.6 | 231,586.4 | 239,701.4 |
| In Singapore | 18,283.9 | 13,869.4 | 14,189.7 | 9,900.5 | 15,373.2 | 15,170.9 | 14,189.7 | 12,672.8 | 13,236.0 | 13,225.1 | 9,900.5 | 11,830.2 | 13,711.4 |
| Outside Singapore ${ }^{2}$ | 166,121.1 | 162,525.0 | 174,375.2 | 216,527.1 | 165,960.9 | 174,444.7 | 174,375.2 | 172,432.0 | 192,203.4 | 211,039.4 | 216,527.1 | 219,756.2 | 225,990.0 |
| Other Liabilities | 85,070.2 | 83,957.0 | 96,843.1 | 84,741.0 | 87,166.2 | 96,413.8 | 96,843.1 | 99,874.0 | 111,012.8 | 92,047.5 | 84,741.0 | 80,071.6 | 84,493.4 |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL LIABILITIES | 14.7 | 5.8 | 10.6 | 9.9 | 6.8 | 10.4 | 10.6 | 8.2 | 14.1 | 11.9 | 9.9 | 9.2 | 5.5 |
| Capital \& Reserves | 23.8 | 7.1 | 13.6 | 3.8 | 13.5 | 13.3 | 13.6 | 13.5 | 8.6 | 9.0 | 3.8 | -1.4 | 1.2 |
| Deposits of Non-Bank Customers ${ }^{1}$ | 10.3 | 12.7 | 10.8 | 11.4 | 8.7 | 10.9 | 10.8 | 10.8 | 12.5 | 13.2 | 11.4 | 10.8 | 8.2 |
| Demand Deposits | 19.2 | 30.5 | 23.9 | 17.9 | 22.5 | 23.1 | 23.9 | 26.9 | 23.5 | 24.3 | 17.9 | 12.6 | 7.4 |
| Fixed Deposits | 0.1 | 2.2 | 3.3 | 6.5 | 0.9 | 4.7 | 3.3 | 3.1 | 6.6 | 7.9 | 6.5 | 7.3 | 7.8 |
| Savings Deposits | 26.1 | 19.2 | 12.9 | 12.8 | 11.6 | 11.8 | 12.9 | 11.0 | 12.6 | 12.0 | 12.8 | 11.9 | 8.5 |
| Amounts Due to Banks | 11.4 | -4.3 | 6.9 | 20.1 | -0.7 | 7.6 | 6.9 | -3.1 | 13.3 | 18.3 | 20.1 | 25.1 | 16.7 |
| In Singapore | 6.1 | -24.1 | 2.3 | -30.2 | -4.0 | 16.0 | 2.3 | -28.7 | -13.9 | -12.8 | -30.2 | -6.6 | 3.6 |
| Outside Singapore ${ }^{2}$ | 12.0 | -2.2 | 7.3 | 24.2 | -0.4 | 7.0 | 7.3 | -0.5 | 15.8 | 21.0 | 24.2 | 27.4 | 17.6 |
| Other Liabilities | 39.7 | -1.3 | 15.3 | -12.5 | 10.7 | 12.3 | 15.3 | 18.4 | 27.4 | -4.5 | -12.5 | -19.8 | -23.9 |

[^14]bank Loans and advances to non-bank customers by industry (At End of Period) [table ali.5]

|  | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 11 | III | IV | 1 | II | III | IV | 1 | II |
|  | Million Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL LOANS \& ADVANCES INCLUDING BILLS FINANCING | 272,175.4 | 281,296.8 | 322,743.8 | 420,455.5 | 296,629.5 | 309,370.7 | 322,743.8 | 343,394.7 | 374,320.3 | 405,436.5 | 420,455.5 | 432,608.2 | 452,567.7 |
| Manufacturing | 11,786.1 | 10,547.3 | 10,917.6 | 19,023.5 | 11,318.3 | 11,356.4 | 10,917.6 | 13,381.9 | 16,148.5 | 17,936.1 | 19,023.5 | 20,884.8 | 23,566.3 |
| Building \& Construction | 50,006.6 | 48,940.6 | 53,593.9 | 67,304.4 | 48,594.2 | 51,053.9 | 53,593.9 | 55,938.3 | 59,166.5 | 63,121.7 | 67,304.4 | 70,007.9 | 72,052.4 |
| Housing Loans | 79,587.0 | 91,429.5 | 112,381.3 | 131,106.5 | 101,133.1 | 106,882.8 | 112,381.3 | 116,717.5 | 121,344.2 | 126,704.5 | 131,106.5 | 134,807.7 | 139,686.6 |
| General Commerce | 24,861.6 | 23,357.4 | 30,982.9 | 48,809.6 | 28,037.6 | 28,105.9 | 30,982.9 | 35,330.8 | 40,329.7 | 48,301.7 | 48,809.6 | 49,608.1 | 53,798.8 |
| Transport \& Communications | 9,211.7 | 10,612.3 | 9,018.1 | 11,883.2 | 8,968.0 | 8,854.8 | 9,018.1 | 9,375.9 | 10,473.6 | 11,231.8 | 11,883.2 | 11,735.0 | 13,647.0 |
| Financial Institutions | 33,506.1 | 32,465.3 | 37,984.6 | 55,550.9 | 33,221.7 | 36,042.0 | 37,984.6 | 41,129.9 | 48,038.7 | 51,278.7 | 55,550.9 | 55,949.3 | 59,150.6 |
| Professional \& Private Individuals | 37,872.3 | 39,476.3 | 42,396.1 | 52,669.8 | 39,766.9 | 40,873.3 | 42,396.1 | 43,194.1 | 47,488.5 | 49,771.6 | 52,669.8 | 54,600.6 | 56,241.7 |
| Others | 25,343.8 | 24,468.3 | 25,469.4 | 34,107.5 | 25,589.8 | 26,201.7 | 25,469.4 | 28,326.1 | 31,330.5 | 37,090.4 | 34,107.5 | 35,014.8 | 34,424.3 |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL LOANS \& ADVANCES INCLUDING BILLS FINANCING | 16.6 | 3.4 | 14.7 | 30.3 | 9.0 | 12.1 | 14.7 | 19.9 | 26.2 | 31.1 | 30.3 | 26.0 | 20.9 |
| Manufacturing | 15.3 | -10.5 | 3.5 | 74.2 | 0.4 | -0.6 | 3.5 | 23.0 | 42.7 | 57.9 | 74.2 | 56.1 | 45.9 |
| Building \& Construction | 33.3 | -2.1 | 9.5 | 25.6 | -3.1 | 4.2 | 9.5 | 14.4 | 21.8 | 23.6 | 25.6 | 25.2 | 21.8 |
| Housing Loans | 8.8 | 14.9 | 22.9 | 16.7 | 22.0 | 22.8 | 22.9 | 22.9 | 20.0 | 18.5 | 16.7 | 15.5 | 15.1 |
| General Commerce | 11.6 | -6.1 | 32.6 | 57.5 | 26.5 | 26.0 | 32.6 | 39.8 | 43.8 | 71.9 | 57.5 | 40.4 | 33.4 |
| Transport \& Communications | 0.9 | 15.2 | -15.0 | 31.8 | -11.7 | -17.9 | -15.0 | -8.4 | 16.8 | 26.8 | 31.8 | 25.2 | 30.3 |
| Financial Institutions | 6.8 | -3.1 | 17.0 | 46.2 | 4.9 | 11.5 | 17.0 | 31.1 | 44.6 | 42.3 | 46.2 | 36.0 | 23.1 |
| Professional \& Private Individuals | 8.0 | 4.2 | 7.4 | 24.2 | 2.4 | 6.2 | 7.4 | 9.7 | 19.4 | 21.8 | 24.2 | 26.4 | 18.4 |
| Others | 72.5 | -3.5 | 4.1 | 33.9 | 2.0 | 7.0 | 4.1 | 12.0 | 22.4 | 41.6 | 33.9 | 23.6 | 9.9 |

ASSETS AND LIABILITIES OF ASIAN CURRENCY UNITS (At End Of Period) [Table a13.6]

|  |  |  |  |  | 2010 |  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 | 2009 | 2010 | 2011 | 11 | III | IV | 1 | 11 | III | IV | 1 | II |
|  | Million US Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL ASSETS | 912,739.4 | 869,399.6 | 971,299.4 | 1,035,391.3 | 918,016.0 | 973,847.0 | 971,299.4 | 1,010,123.0 | 1,041,968.5 | 1,083,722.7 | 1,035,391.3 | 1,067,662.8 | 1,071,160.8 |
| Loans to Non-Bank Customers | 214,381.9 | 219,614.4 | 268,081.7 | 312,814.0 | 246,304.4 | 254,405.3 | 268,081.7 | 284,282.3 | 294,018.5 | 309,976.7 | 312,814.0 | 320,504.2 | 323,446.2 |
| Interbank Funds | 498,669.6 | 460,726.4 | 501,891.4 | 528,823.2 | 486,474.7 | 512,060.8 | 501,891.4 | 519,212.3 | 542,797.2 | 558,359.8 | 528,823.2 | 542,920.9 | 547,237.9 |
| In Singapore | 64,140.5 | 80,941.5 | 92,715.5 | 113,361.8 | 82,380.6 | 91,592.1 | 92,715.5 | 91,704.4 | 110,873.4 | 117,064.0 | 113,361.8 | 121,379.1 | 126,457.5 |
| Outside Singapore | 434,529.2 | 379,784.9 | 409,175.8 | 415,461.4 | 404,094.1 | 420,468.7 | 409,175.8 | 427,507.9 | 431,923.8 | 441,295.8 | 415,461.4 | 421,541.9 | 420,780.4 |
| Other Assets | 199,687.9 | 189,058.9 | 201,326.3 | 193,754.1 | 185,236.9 | 207,380.9 | 201,326.3 | 206,628.5 | 205,152.9 | 215,386.1 | 193,754.1 | 204,237.7 | 200,476.8 |
| TOTAL LIABILITIES | 912,739.4 | 869,399.6 | 971,299.4 | 1,035,391.3 | 918,016.0 | 973,847.0 | 971,299.4 | 1,010,123.0 | 1,041,968.5 | 1,083,722.7 | 1,035,391.3 | 1,067,662.8 | 1,071,160.8 |
| Deposits of Non-Bank Customers | 262,162.1 | 269,370.2 | 273,980.3 | 296,376.6 | 257,001.1 | 272,267.9 | 273,980.3 | 286,156.4 | 295,429.7 | 295,279.1 | 296,376.6 | 308,383.9 | 309,693.6 |
| Interbank Funds | 523,690.5 | 502,232.6 | 584,218.2 | 599,568.2 | 556,887.6 | 580,148.4 | 584,218.2 | 608,261.0 | 621,588.0 | 637,860.9 | 599,568.2 | 605,290.7 | 601,759.0 |
| In Singapore | 62,600.9 | 87,208.3 | 79,206.4 | 77,629.4 | 85,753.0 | 92,084.3 | 79,206.4 | 84,462.4 | 83,812.4 | 88,283.4 | 77,629.4 | 73,258.1 | 67,118.3 |
| Outside Singapore | 461,089.6 | 415,024.3 | 505,011.8 | 521,938.9 | 471,134.6 | 488,064.1 | 505,011.8 | 523,798.7 | 537,775.6 | 549,577.6 | 521,938.9 | 532,032.6 | 534,640.7 |
| Other Liabilities | 126,886.8 | 97,796.8 | 113,100.9 | 139,446.4 | 104,127.3 | 121,430.6 | 113,100.9 | 115,705.5 | 124,950.9 | 150,582.7 | 139,446.4 | 153,988.1 | 159,708.3 |
|  | Percentage Change Over Corresponding Period Of Previous Year |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL ASSETS | 0.6 | -4.7 | 11.7 | 6.6 | 4.8 | 10.5 | 11.7 | 12.7 | 13.5 | 11.3 | 6.6 | 5.7 | 2.8 |
| Loans to Non-Bank Customers | 8.4 | 2.4 | 22.1 | 16.7 | 16.9 | 18.8 | 22.1 | 25.0 | 19.4 | 21.8 | 16.7 | 12.7 | 10.0 |
| Interbank Funds | -6.4 | -7.6 | 8.9 | 5.4 | 1.2 | 8.3 | 8.9 | 8.5 | 11.6 | 9.0 | 5.4 | 4.6 | 0.8 |
| In Singapore | -3.4 | 26.2 | 14.5 | 22.3 | 10.5 | 13.0 | 14.5 | 7.1 | 34.6 | 27.8 | 22.3 | 32.4 | 14.1 |
| Outside Singapore | -6.8 | -12.6 | 7.7 | 1.5 | -0.5 | 7.3 | 7.7 | 8.8 | 6.9 | 5.0 | 1.5 | -1.4 | -2.6 |
| Other Assets | 13.1 | -5.3 | 6.5 | -3.8 | 0.2 | 6.7 | 6.5 | 8.7 | 10.8 | 3.9 | -3.8 | -1.2 | -2.3 |
| TOTAL LIABILITIES | 0.6 | -4.7 | 11.7 | 6.6 | 4.8 | 10.5 | 11.7 | 12.7 | 13.5 | 11.3 | 6.6 | 5.7 | 2.8 |
| Deposits of Non-Bank Customers | -4.8 | 2.7 | 1.7 | 8.2 | -3.5 | 0.7 | 1.7 | 8.1 | 15.0 | 8.5 | 8.2 | 7.8 | 4.8 |
| Interbank Funds | -3.1 | -4.1 | 16.3 | 2.6 | 8.8 | 13.8 | 16.3 | 14.9 | 11.6 | 9.9 | 2.6 | -0.5 | -3.2 |
| In Singapore | 24.1 | 39.3 | -9.2 | -2.0 | 9.6 | 6.9 | -9.2 | 5.2 | -2.3 | -4.1 | -2.0 | -13.3 | -19.9 |
| Outside Singapore | -5.9 | -10.0 | 21.7 | 3.4 | 8.6 | 15.3 | 21.7 | 16.6 | 14.1 | 12.6 | 3.4 | 1.6 | -0.6 |
| Other Liabilities | 39.4 | -22.9 | 15.6 | 23.3 | 6.6 | 19.7 | 15.6 | 13.7 | 20.0 | 24.0 | 23.3 | 33.1 | 27.8 |

QUARTERLY COMPOSITE LEADING INDEX [TABLE A14.1]

|  | 1 | II | III | IV |
| :---: | :---: | :---: | :---: | :---: |
|  | 2005=100 |  |  |  |
| 1997 | 84.7 | 86.3 | 86.1 | 85.1 |
| 1998 | 81.7 | 79.9 | 80.1 | 81.3 |
| 1999 | 84.0 | 88.9 | 91.2 | 92.8 |
| 2000 | 91.9 | 91.9 | 91.5 | 88.7 |
| 2001 | 86.4 | 84.1 | 83.4 | 85.5 |
| 2002 | 88.9 | 89.6 | 88.4 | 88.6 |
| 2003 | 86.3 | 88.3 | 92.4 | 95.2 |
| 2004 | 98.3 | 98.7 | 98.6 | 97.6 |
| 2005 | 99.2 | 99.1 | 100.5 | 101.2 |
| 2006 | 102.3 | 103.2 | 102.8 | 105.0 |
| 2007 | 109.0 | 111.8 | 112.1 | 113.3 |
| 2008 | 110.4 | 110.7 | 110.2 | 102.2 |
| 2009 | 100.5 | 106.6 | 112.3 | 116.2 |
| 2010 | 119.1 | 117.3 | 117.3 | 119.5 |
| 2011 | 119.2 | 119.5 | 116.2 | 117.6 |
| 2012 | 121.0 | 118.5 |  |  |
|  |  | rcenta | us Qua |  |
| 1997 | 1.2 | 1.9 | -0.2 | -1.2 |
| 1998 | -4.0 | -2.2 | 0.3 | 1.5 |
| 1999 | 3.3 | 5.8 | 2.6 | 1.8 |
| 2000 | -1.0 | 0.0 | -0.4 | -3.1 |
| 2001 | -2.6 | -2.7 | -0.8 | 2.5 |
| 2002 | 4.0 | 0.8 | -1.3 | 0.2 |
| 2003 | -2.6 | 2.3 | 4.6 | 3.0 |
| 2004 | 3.3 | 0.4 | -0.1 | -1.0 |
| 2005 | 1.6 | -0.1 | 1.4 | 0.7 |
| 2006 | 1.1 | 0.9 | -0.4 | 2.1 |
| 2007 | 3.8 | 2.6 | 0.3 | 1.1 |
| 2008 | -2.6 | 0.3 | -0.5 | -7.3 |
| 2009 | -1.7 | 6.1 | 5.3 | 3.5 |
| 2010 | 2.5 | -1.5 | 0.0 | 1.9 |
| 2011 | -0.3 | 0.3 | -2.8 | 1.2 |
| 2012 | 2.9 | -2.1 |  |  |

Source: Singapore Department of Statistics

BUSINESS EXPECTATIONS FOR THE MANUFACTURING SECTOR (Forecast For The Next Quarter) [TABLE A14.2]

|  | 2009 |  |  | 2010 |  |  |  | 2011 |  |  |  | 2012 | $\begin{gathered} 2012 \\ \text { II } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 | III | IV | 1 | 11 | III | IV | 1 | II | III | IV | 1 |  |
| General Business Expectations (For Next 6 Months) | -2 | +9 | +14 | +29 | +18 | +3 | +20 | +12 | +12 | -10 | -11 | +15 | +1 |
| Numbers Employed | -9 | 0 | 0 | +10 | +7 | +8 | +10 | +11 | +10 | -2 | -2 | +8 | +4 |
| New Orders Received | +1 | +11 | +1 | +27 | +15 | -5 | +19 | +17 | +11 | $-12$ | -9 | +12 | +6 |
| Output | -3 | -3 | +8 | +30 | +15 | -1 | +17 | +10 | +14 | -16 | -7 | +22 | +6 |
| Direct Export Overseas | -3 | +9 | +11 | +32 | +17 | -5 | +16 | +15 | +8 | -11 | -5 | +18 | +6 |
| Stocks of Finished Goods | -9 | -15 | -12 | +15 | +7 | -10 | -4 | -1 | +1 | -18 | -3 | +8 | +1 |
| Average Selling Prices | -22 | -21 | -16 | -8 | -11 | -18 | -5 | -12 | -8 | -13 | -14 | -4 | -11 |

Note: "Net weighted balance" is the difference between the weighted percentages of "ups" and "downs".
Source: Economic Development Board
A plus sign indicates a net upward trend and a minus sign denotes a net downward trend.

BUSINESS EXPECTATIONS FOR THE SERVICES SECTOR (Forecast For The Next Quarter) [TABLE A14.3]

|  | 2009 |  |  | 2010 |  |  |  | 2011 |  |  |  | 2012 | $\begin{gathered} 2012 \\ \text { II } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 | III | IV | 1 | 11 | III | IV | 1 | 11 | III | IV | 1 |  |
| TOTAL SERVICES SECTOR |  |  |  |  |  |  |  |  |  |  |  |  |  |
| General Business Expectations (For Next 6 Months) | -3 | +17 | +24 | +36 | +33 | +27 | +19 | +17 | +19 | -9 | -25 | +6 | +2 |
| Employment | +4 | +16 | +11 | +20 | +21 | +21 | +15 | +18 | +17 | +7 | -4 | +9 | +9 |
| Operating Receipts | -1 | +18 | +11 | +30 | +24 | +24 | +13 | +21 | +21 | +1 | -15 | +8 | +7 |
| WHOLESALE \& RETAIL TRADE |  |  |  |  |  |  |  |  |  |  |  |  |  |
| General Business Expectations (For Next 6 Months) | -4 | +24 | +28 | +37 | +36 | +37 | +18 | +15 | +25 | +3 | -20 | +13 | +5 |
| Employment | +1 | +16 | +4 | +13 | +21 | +20 | +13 | +12 | +21 | +8 | -3 | +8 | +7 |
| Operating Receipts | +3 | +33 | +12 | +26 | +26 | +35 | +17 | +17 | +30 | +11 | -11 | +13 | +4 |
| Ending Stocks of Merchandise | -8 | -4 | +1 | +16 | +5 | +12 | +12 | -2 | +9 | -2 | -1 | +13 | +3 |
| TRANSPORT \& STORAGE |  |  |  |  |  |  |  |  |  |  |  |  |  |
| General Business Expectations (For Next 6 Months) | -19 | -2 | +3 | +24 | +24 | +22 | -3 | +5 | +15 | -14 | -14 | -6 | +4 |
| Employment | +11 | +15 | +27 | +23 | +17 | +14 | +17 | +12 | +4 | -1 | -3 | +2 | +1 |
| Operating Receipts | -12 | -5 | -10 | +25 | +16 | +15 | -1 | +8 | +3 | -3 | -19 | -12 | +3 |
| ACCOMMODATION \& FOOD SERVICES |  |  |  |  |  |  |  |  |  |  |  |  |  |
| General Business Expectations (For Next 6 Months) | +18 | +42 | +35 | +35 | +45 | +40 | +25 | +31 | +45 | +34 | -28 | +9 | +37 |
| Employment | +13 | +35 | +5 | +45 | +25 | +52 | +11 | +26 | +34 | +48 | -12 | +7 | +19 |
| Operating Receipts | +28 | +57 | 0 | +37 | +45 | +50 | +10 | +37 | +46 | +46 | -38 | +22 | +25 |
| Ending Stocks of Merchandise | +6 | +12 | +7 | +15 | +27 | +20 | +12 | +13 | +22 | +14 | +4 | +5 | +8 |
| INFORMATION \& COMMUNICATIONS |  |  |  |  |  |  |  |  |  |  |  |  |  |
| General Business Expectations (For Next 6 Months) | +4 | 0 | -1 | +5 | +38 | +21 | -2 | +12 | +23 | +4 | -16 | +16 | +10 |
| Employment | -2 | +8 | +7 | +12 | +14 | +4 | +5 | +10 | +11 | +2 | -1 | +9 | -4 |
| Operating Receipts | -8 | +1 | -6 | +6 | +9 | +14 | -2 | +15 | +17 | +11 | -14 | +11 | +10 |
| FINANCIAL \& INSURANCE |  |  |  |  |  |  |  |  |  |  |  |  |  |
| General Business Expectations (For Next 6 Months) | +16 | +32 | +53 | +70 | +37 | +34 | +47 | +38 | +20 | -36 | -52 | +6 | -16 |
| Employment | +12 | +24 | +46 | +53 | +44 | +39 | +38 | +38 | +33 | -6 | -17 | +10 | +3 |
| Operating Receipts | +2 | +25 | +40 | +60 | +31 | +28 | +27 | +48 | +32 | -26 | -28 | +12 | +2 |
| Deposits of Non-bank Customers | +35 | +16 | +24 | +48 | +35 | +33 | +31 | +50 | +37 | -6 | +20 | +28 | +8 |
| Loans \& Advances to Non-bank Customers | +12 | +34 | +40 | +56 | +38 | +39 | +36 | +48 | +39 | -2 | -11 | +34 | +23 |
| REAL ESTATE |  |  |  |  |  |  |  |  |  |  |  |  |  |
| General Business Expectations (For Next 6 Months) | -18 | +2 | +19 | +39 | +27 | -6 | +7 | +2 | 0 | -35 | -60 | -23 | -8 |
| Employment | +10 | +15 | -7 | +2 | +8 | +2 | +6 | -6 | +11 | 0 | -10 | +2 | +4 |
| Operating Receipts | -7 | 0 | +7 | +23 | +17 | +1 | -3 | +1 | +1 | -3 | -28 | -10 | -3 |
| BUSINESS SERVICES (excluding Real Estate) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| General Business Expectations (For Next 6 Months) | -8 | +15 | +21 | +20 | +25 | +12 | +18 | +14 | +10 | -5 | -15 | +2 | +4 |
| Employment | -3 | +7 | +9 | +14 | +16 | +14 | +14 | +21 | +5 | 0 | -2 | +2 | +4 |
| Operating Receipts | +5 | +16 | +10 | +16 | +19 | +11 | +14 | +17 | +17 | -4 | -6 | +7 | +12 |
| RECREATION, COMMUNITY \& PERSONAL SERVICES* |  |  |  |  |  |  |  |  |  |  |  |  |  |
| General Business Expectations (For Next 6 Months) | - | - | - | - | - | - | - | +22 | +24 | +7 | +9 | +26 | +12 |
| Employment | - | - | - | - | - | - | - | +25 | +33 | +15 | +2 | +22 | +22 |
| Operating Receipts | - | - | - | - | - | - | - | +21 | +25 | +22 | +12 | +23 | +21 |

Note: "Net weighted balance" is the difference between the weighted percentages of "ups" and "downs".
Source: Singapore Department of Statistics
A plus sign indicates a net upward trend and a minus sign denotes a net downward trend.

* New industry with effect from 1Q2011. Comprises education, health \& social services, arts, entertainment \& recreation and other service activities.

GOVERNMENT OPERATING REVENUE [TABLE A15.1]

|  |  |  |  |  | 2010 |  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 | 2009 | 2010 | 2011 | 11 | III | IV | 1 | 11 | III | IV | I | II |
|  | Million Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL ${ }^{1}$ | 41,376.7 | 37,872.1 | 44,581.2 | 50,985.5 | 11,911.5 | 12,394.6 | 9,845.1 | 11,909.1 | 13,572.4 | 14,112.7 | 11,391.2 | 12,000.8 | 14,699.9 |
| Tax Revenue | 37,518.6 | 35,272.4 | 40,662.2 | 46,171.8 | 11,024.9 | 11,381.0 | 8,794.3 | 10,647.7 | 12,432.0 | 12,911.9 | 10,180.2 | 10,552.1 | 13,419.7 |
| Income Tax | 18,559.0 | 16,884.2 | 18,276.8 | 20,976.2 | 5,648.0 | 5,734.4 | 3,144.1 | 4,160.2 | 6,325.9 | 6,701.6 | 3,788.5 | 3,763.0 | 6,818.0 |
| Corporate Income Tax | 10,115.1 | 9,537.3 | 10,488.9 | 12,227.9 | 3,645.1 | 3,551.8 | 1,488.7 | 2,001.0 | 4,393.3 | 4,267.6 | 1,566.0 | 1,869.5 | 4,667.6 |
| Personal Income Tax | 6,288.1 | 7,323.5 | 6,716.7 | 6,678.8 | 1,814.0 | 1,995.1 | 1,347.6 | 1,312.9 | 1,652.2 | 2,115.7 | 1,598.0 | 1,505.5 | 1,818.0 |
| Withholding Tax ${ }^{2}$ | 0.0 | 0.0 | 650.9 | 1,177.4 | 189.0 | 187.5 | 274.4 | 306.5 | 280.4 | 318.4 | 272.1 | 387.2 | 332.4 |
| Contributions by Statutory Board | 2,155.8 | 23.3 | 420.3 | 892.1 | 0.0 | 0.0 | 33.4 | 539.8 | 0.0 | 0.0 | 352.4 | 0.9 | 0.0 |
| Assets Taxes | 2,891.3 | 2,003.7 | 2,598.3 | 3,813.3 | 538.7 | 431.5 | 661.4 | 1,171.5 | 823.3 | 833.0 | 985.6 | 1,260.0 | 792.6 |
| Taxes on Motor Vehicles ${ }^{3}$ | 2,003.3 | 1,787.0 | 1,892.8 | 1,868.4 | 440.2 | 466.4 | 478.4 | 465.9 | 468.4 | 444.4 | 489.6 | 517.1 | 467.7 |
| Customs \& Excise Duties | 2,082.5 | 2,079.7 | 2,089.7 | 2,107.5 | 473.1 | 512.3 | 540.7 | 522.4 | 510.0 | 531.3 | 543.9 | 547.7 | 517.8 |
| Betting Taxes ${ }^{4}$ | 1,776.6 | 1,726.2 | 2,119.6 | 2,342.7 | 486.0 | 571.7 | 554.7 | 666.2 | 516.1 | 603.8 | 556.7 | 696.9 | 521.3 |
| Stamp Duty | 1,837.8 | 1,989.1 | 3,096.9 | 3,259.0 | 800.8 | 811.0 | 846.2 | 818.5 | 821.4 | 865.7 | 753.5 | 734.5 | 1,065.9 |
| Goods \& Services Tax | 6,632.1 | 6,632.5 | 7,699.3 | 8,913.9 | 2,092.2 | 2,032.2 | 1,924.4 | 2,149.1 | 2,323.3 | 2,154.6 | 2,286.9 | 1,922.2 | 2,332.5 |
| Others ${ }^{5}$ | 1,736.0 | 2,170.0 | 2,888.9 | 2,890.7 | 545.9 | 821.4 | 644.2 | 694.1 | 643.6 | 777.5 | 775.5 | 1,110.7 | 903.9 |
| Fees \& Charges ${ }^{5}$ | 3,726.2 | 2,423.0 | 3,778.9 | 4,472.9 | 846.6 | 979.3 | 1,027.1 | 1,133.4 | 1,063.7 | 1,139.4 | 1,136.3 | 1,359.7 | 1,195.3 |
| Other Receipts ${ }^{6}$ | 131.9 | 176.8 | 140.0 | 340.8 | 39.9 | 34.3 | 23.7 | 127.9 | 76.8 | 61.4 | 74.7 | 89.1 | 84.9 |

${ }^{1}$ Operating revenue refers to receipts credited to the Consolidated Revenue Account and Development Fund Account,
Source: Accountant-General's Department
but excludes interest income, investment income and capital receipts.
${ }^{2}$ This refers to collection under Section 45 of the Income Tax Act which is a Withholding Tax on locally-sourced income earned by non-residents. The Withholding Tax collection was previously included in the figures reported under Personal Income Tax.
${ }^{3}$ Taxes on Motor Vehicles comprise additional registration fees, road tax, special tax on heavy-oil engines, passenger vehicle seating fees and non-motor vehicle licences, but exclude excise duties on motor vehicles which are classified under Customs and Excise Duties.
${ }^{4}$ With effect from March 2010, Betting Taxes include casino tax collected under Section 146 of the Casino Control Act.
${ }^{5}$ To more accurately reflect the nature of "Development Charges (DC)" as a tax under section 35 of the Planning Act, reporting of actual collection of DC has been reclassified from "Fees and Charges" to "Tax Revenue : Others" with effect from April 2009.
${ }^{6}$ Other receipts exclude repayment of loans and advances, interest income, investment income and capital receipts. Figures may not add up due to rounding.

GOVERNMENT OPERATING EXPENDITURE [TABLE A15.2]

|  | 2008 | 2009 | 2010 | 2011 | 2010 |  |  | 2011 |  |  |  | $\begin{gathered} 2012 \\ \text { I } \end{gathered}$ | $\begin{gathered} 2012 \\ \text { II } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 11 | III | IV | 1 | 11 | III | IV |  |  |
|  | Million Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL ${ }^{1}$ | 28,590.3 | 29,871.1 | 32,754.8 | 35,010.6 | 5,345.5 | 7,328.4 | 8,648.2 | 11,948.0 | 6,482.8 | 8,165.2 | 8,414.6 | 12,087.5 | 6,054.5 |
| Security \& External Relations | 13,588.1 | 13,548.1 | 14,311.0 | 13,727.7 | 2,321.8 | 2,929.5 | 4,041.7 | 4,626.8 | 2,539.5 | 2,957.7 | 3,603.7 | 4,987.1 | 2,387.8 |
| Social Development | 12,568.3 | 13,464.9 | 15,399.7 | 17,719.8 | 2,472.4 | 3,581.7 | 3,977.3 | 6,063.4 | 3,292.4 | 4,315.6 | 4,048.4 | 5,930.6 | 2,938.5 |
| Education | 7,298.1 | 7,418.6 | 8,517.4 | 9,929.0 | 851.0 | 2,011.1 | 2,347.1 | 3,789.6 | 1,320.1 | 2,407.8 | 2,411.5 | 3,558.4 | 915.9 |
| Health | 2,295.1 | 2,763.9 | 3,070.4 | 3,500.6 | 679.3 | 750.4 | 805.5 | 1,022.8 | 803.5 | 846.1 | 828.3 | 1,011.0 | 859.5 |
| Community Development, Youth \& Sports | 1,172.6 | 1,403.8 | 1,793.2 | 1,854.5 | 353.5 | 453.1 | 459.4 | 562.7 | 396.4 | 540.5 | 354.9 | 429.7 | 475.4 |
| Information, Communications \& the Arts | 370.2 | 422.6 | 472.7 | 522.1 | 53.8 | 112.8 | 120.9 | 212.5 | 41.3 | 142.3 | 126.1 | 214.9 | 70.1 |
| Environment \& Water Resources | 560.1 | 661.5 | 660.6 | 746.4 | 169.0 | 158.7 | 177.9 | 214.4 | 172.6 | 179.2 | 180.2 | 194.4 | 196.5 |
| National Development | 872.4 | 794.5 | 885.4 | 1,167.2 | 365.9 | 95.7 | 66.5 | 261.5 | 558.4 | 199.7 | 147.5 | 522.2 | 421.0 |
| Economic Development | 1,436.0 | 1,786.7 | 1,913.9 | 2,198.1 | 323.4 | 531.5 | 387.5 | 787.8 | 389.3 | 584.2 | 436.8 | 733.7 | 520.9 |
| Transport | 373.8 | 372.1 | 420.0 | 481.6 | 103.0 | 106.8 | 110.7 | 135.4 | 115.9 | 113.9 | 116.4 | 117.6 | 117.0 |
| Trade \& Industry | 624.1 | 652.0 | 673.0 | 688.5 | 136.6 | 144.4 | 150.5 | 252.1 | 137.3 | 148.4 | 150.6 | 234.4 | 154.4 |
| Manpower | 405.8 | 721.9 | 745.7 | 876.3 | 83.6 | 262.6 | 117.9 | 339.0 | 126.9 | 277.0 | 133.4 | 311.9 | 227.0 |
| Info-Communications and Media Development | 32.2 | 40.7 | 75.2 | 151.7 | 0.3 | 17.8 | 8.4 | 61.3 | 9.2 | 44.9 | 36.4 | 69.7 | 22.5 |
| Government Administration | 998.0 | 1,071.4 | 1,130.2 | 1,365.1 | 227.8 | 285.6 | 241.6 | 470.0 | 261.6 | 307.8 | 325.6 | 436.0 | 207.3 |

${ }^{1}$ Government operating expenditure refers to expenditure on manpower, other operating expenditure
Source: Accountant-General's Department
(excluding expenses on investment and agency fees on land sales) and operating grants.
Figures may not add up due to rounding.

GOVERNMENT DEVELOPMENT EXPENDITURE [TAbLE A15.3]

|  |  |  |  |  | 2010 |  |  | 2011 |  |  |  | 2012 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 | 2009 | 2010 | 2011 | 11 | III | IV | 1 | II | III | IV | 1 | II |
|  | Million Dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL ${ }^{1}$ | 8,879.9 | 10,611.8 | 11,294.6 | 11,760.8 | 2,542.3 | 3,031.5 | 2,644.3 | 3,849.7 | 2,110.5 | 2,994.5 | 2,806.0 | 3,502.3 | 3,094.3 |
| Security \& External Relations | 862.1 | 853.8 | 777.0 | 703.2 | 114.3 | 169.8 | 155.5 | 278.1 | 127.7 | 149.3 | 148.2 | 292.6 | 71.2 |
| Social Development | 2,885.1 | 3,089.5 | 3,478.9 | 3,725.6 | 512.1 | 923.6 | 818.3 | 1,389.3 | 636.0 | 849.1 | 851.3 | 1,266.8 | 696.1 |
| Education | 856.0 | 761.5 | 841.1 | 934.2 | 110.3 | 252.7 | 142.6 | 371.0 | 68.0 | 174.5 | 320.7 | 479.3 | 56.5 |
| Health | 245.4 | 574.6 | 613.2 | 405.6 | 43.5 | 126.5 | 100.9 | 214.0 | 39.6 | 77.7 | 74.3 | 261.5 | 57.8 |
| Community Development, Youth \& Sports | 188.9 | 130.1 | 69.2 | 110.1 | 6.1 | 21.6 | 4.1 | 88.6 | 3.0 | 9.0 | 9.5 | 42.1 | 3.9 |
| Information, Communications \& the Arts | 109.8 | 124.8 | 93.6 | 136.5 | 1.7 | 16.4 | 15.9 | 74.9 | 16.4 | 15.4 | 29.8 | 61.3 | 5.7 |
| Environment \& Water Resources | 328.0 | 284.5 | 358.3 | 391.4 | 67.6 | 88.5 | 89.0 | 161.0 | 88.0 | 105.3 | 37.1 | 118.6 | 69.0 |
| National Development | 1,156.9 | 1,213.9 | 1,503.4 | 1,747.9 | 282.9 | 417.9 | 465.7 | 479.8 | 421.1 | 467.0 | 380.0 | 304.1 | 503.1 |
| Economic Development | 4,899.3 | 6,474.0 | 6,859.6 | 7,116.0 | 1,911.3 | 1,890.0 | 1,654.3 | 2,034.6 | 1,340.7 | 1,968.9 | 1,771.8 | 1,814.2 | 2,291.2 |
| Transport | 2,785.9 | 4,180.7 | 4,051.3 | 4,222.4 | 982.3 | 1,205.4 | 1,104.5 | 957.5 | 725.1 | 1,254.5 | 1,285.4 | 738.0 | 1,815.7 |
| Trade \& Industry | 2,056.4 | 2,225.5 | 2,363.3 | 2,573.1 | 795.1 | 515.5 | 452.1 | 910.4 | 595.4 | 650.3 | 417.0 | 890.0 | 466.8 |
| Manpower | 32.5 | 25.3 | 24.5 | 57.3 | 1.5 | 5.6 | 3.5 | 31.8 | 0.9 | 8.5 | 16.1 | 36.3 | 0.2 |
| Info-Communications and Media Development | 24.5 | 42.5 | 420.5 | 263.1 | 132.4 | 163.4 | 94.2 | 134.8 | 19.3 | 55.6 | 53.3 | 149.9 | 8.4 |
| Government Administration | 233.4 | 194.5 | 179.0 | 215.9 | 4.6 | 48.2 | 16.1 | 147.7 | 6.2 | 27.3 | 34.8 | 128.6 | 35.7 |

${ }^{1}$ Government development expenditure excludes land-related expenditure items and loans to statutory boards and industrial
Source: Accountant-General's Department and commercial enterprises
Figures may not add up due to rounding.


[^0]:    ${ }^{1}$ The discrepancy between directional changes in the overall balance of payments and those in the current and financial accounts was captured in net errors and omissions.

[^1]:    ${ }^{1}$ Salience is a concept in behavioural economics which refers to how prominently an event (or incentive) features in a person's thinking. Recent events and events that occur frequently are more salient than one-off events.

[^2]:    ${ }^{2}$ We run probit regressions of the following form: Probability ("always selects Package $\left.B^{\prime \prime} \mid X\right)=\Phi\left(X^{\prime} \beta\right.$ ); where $X$ is a vector of individual characteristics, $\Phi$ is the cumulative distribution function (CDF) of a standard normal distribution and $\beta$ is a vector of coefficients that indicates how each individual characteristic affects the probability of a/ways selecting Package $B$ (the cash-CPF combination). We ran a similar regression to estimate how individual characteristics affect the probability of a/ways selecting Package $A$ (the pure cash package).
    ${ }^{3} \mathrm{~A}$ respondent with a higher future discount rate values the present more in relation to the future.

[^3]:    ${ }^{4}$ A respondent is classified as "experiencing job churn" if he or she had more than two jobs in the last two years.
    ${ }^{5}$ Singapore residents may voluntarily contribute to their CPF accounts.

[^4]:    ${ }^{1}$ Comprise Agriculture, Fishing and Quarrying
    Note: The industries are classified according to SSIC 2010.

[^5]:    ${ }^{1}$ Comprise Agriculture, Fishing and Quarrying
    Note: The industries are classified according to SSIC 2010.

[^6]:    ${ }^{1}$ Comprise Agriculture, Fishing and Quarrying.

[^7]:    ${ }^{1}$ Based on Gross Value Added At 2005 Basic Prices
    ${ }^{2}$ Based on GDP At 2005 Market Prices
    Note: The industries are classified according to SSIC 2010.

[^8]:    ${ }^{1}$ Closing bid rates quoted by SGS primary dealers
    ${ }^{2}$ Closing offer rates.
    ${ }^{3}$ Refer to the average quoted by 10 leading banks.
    ${ }^{4}$ Refer to the average quoted by 10 leading finance companies.

[^9]:    Source: International Enterprise Singapore

[^10]:    Note: Data are based on Standard International Trade Classification (SITC) Rev 4.1

[^11]:    1 The capital account is consolidated under the financial account

[^12]:    Note: The industries are classified according to SSIC 2010.

[^13]:    ${ }^{1}$ The weights are used in the computation of the indices from 2010 onwards.

[^14]:    ${ }^{1}$ Excluding non-bank customers' holdings of Singapore Dollar negotiable certificates of deposit.
    ${ }^{2}$ Including Asian Currency Units.

