

## **GDP: Preliminary Estimate for 2018Q1 and Outlook for 2018**

**May 25, 2018** Taiwan's economic growth rates have been revised to 3.42% and 2.89% for the fourth quarter and whole year of 2017. For the first quarter of 2018, the latest preliminary estimate of real GDP grew by 3.02%. Besides, the real GDP is predicted to grow by 2.60% in 2018.

### **Preliminary Estimate of Real GDP in 2018Q1**

The real GDP increased by 0.79% on a quarter-on-quarter, seasonally-adjusted annualized basis (saar), or by 3.02% on a year-on-year basis (yoy) in 2018Q1, 0.02 percentage point lower than the advance estimate.

Meanwhile, the economic growth rates have been revised to 3.42% and 2.89% for the fourth quarter and whole year of 2017 (formerly 3.28% and 2.86%).

On the demand side, real private final consumption grew by 2.73% (yoy) in 2018Q1, mainly reflecting the increase of consumption on transport, recreation-and-culture and financial services.

Real gross capital formation decreased by 1.94% (yoy), following the 4.77% decline in the previous quarter, mainly due to a decrease in machinery and equipment investment, as well as inventory decrease.

Meanwhile, real exports of goods and services grew by 6.69% (yoy), mainly driven by the strong foreign demand for electronic components and machinery. Imports also increased by 6.12% (yoy).

On the production side, the manufacturing sector grew by 3.44% (yoy) in 2018Q1, following the 3.12% increase in the previous quarter, mainly due to the output expansion of semiconductor and machinery-and-equipment.

The wholesale & retail trade sector and the financial & insurance sector increased by 4.33% and 7.13% (both yoy) respectively, after the expansion of 3.96% and 7.14% growth in the previous quarter.

### **Outlook for 2018**

The global economy and world trade volume are anticipated to continue expanding at a solid pace. Additionally, the strong semiconductor's demand for new technological applications, such as High-Performance Computing (HPC), automotive electronics, Internet of Things (IoT), as well as Taiwan's leading-edge semiconductor manufacturing are expected to contribute to exports of goods. Along with exports of services, it is projected that the real exports of goods and services will grow by 3.34% in the whole

2018.

Real private fixed capital formation is forecast to increase by 4.61%, mainly spurred by the continuing investment of semiconductor manufacturing, the government's implementations to ameliorate investment environment and encourage innovative development of industries, and the recovery of construction investment.

Real private consumption is foreseen to show a moderate growth by 2.53%, supported by stable economic expansion, improving labor market and wage lift, but continue to be dampened by the aging population and low fertility rate.

Combining with the public sector, Taiwan's real GDP is predicted to grow by 2.60% in 2018, 0.18 percentage point higher than the previous forecast released in February.

CPI will increase by 1.49%, upwardly revised by 0.28 percentage point, mainly reflecting the escalating oil prices.

### **For further information:**

**Statistics Database:**

<https://statdb.dgbas.gov.tw/pxweb/Dialog/statfile1L.asp>

**DGBAS** news releases on the Internet:

<https://eng.stat.gov.tw/>

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**Gross Domestic Products of 2018Q2 (Advance Estimate)**

Table 1-1 Gross Domestic Product and Economic Growth Rate

Period	Nominal GDP (At Current Prices)		Real GDP (Chained (2011) dollars)		Economic Growth Rate (%)		
	Original Series (Million NT\$)	Seasonally Adjusted (Million NT\$)	Original Series (Million NT\$)	Seasonally Adjusted (Million NT\$)	yoy	saqr	saar
<b>2007</b>	<b>13,407,062</b>	—	<b>12,572,550</b>	—	<b>6.52</b>	—	—
<b>2008</b>	<b>13,150,950</b>	—	<b>12,661,079</b>	—	<b>0.70</b>	—	—
<b>2009</b>	<b>12,961,656</b>	—	<b>12,462,729</b>	—	<b>-1.57</b>	—	—
<b>2010</b>	<b>14,119,213</b>	—	<b>13,787,642</b>	—	<b>10.63</b>	—	—
<b>2011</b>	<b>14,312,200</b>	—	<b>14,312,200</b>	—	<b>3.80</b>	—	—
<b>2012</b>	<b>14,686,917</b>	—	<b>14,607,569</b>	—	<b>2.06</b>	—	—
<b>2013</b>	<b>15,230,739</b>	—	<b>14,929,292</b>	—	<b>2.20</b>	—	—
<b>2014</b>	<b>16,111,867</b>	—	<b>15,529,606</b>	—	<b>4.02</b>	—	—
<b>2015</b>	<b>16,770,671</b>	—	<b>15,654,835</b>	—	<b>0.81</b>	—	—
I	4,198,578	4,221,054	3,794,768	3,956,043	3.99	0.64	2.59
II	4,067,791	4,179,469	3,851,364	3,901,943	0.71	-1.37	-5.36
III	4,214,264	4,177,822	3,956,492	3,897,866	-0.64	-0.10	-0.42
IV	4,290,038	4,192,326	4,052,211	3,898,983	-0.54	0.03	0.11
<b>2016</b>	<b>17,152,093</b>	—	<b>15,875,635</b>	—	<b>1.41</b>	—	—
I	4,263,178	4,270,333	3,783,327	3,929,977	-0.30	0.79	3.22
II	4,149,761	4,296,386	3,890,436	3,947,700	1.01	0.45	1.82
III	4,296,127	4,255,136	4,037,342	3,986,086	2.04	0.97	3.95
IV	4,443,027	4,330,238	4,164,530	4,011,872	2.77	0.65	2.61
<b>2017(r)</b>	<b>17,431,157</b>	—	<b>16,335,152</b>	—	<b>2.89</b>	—	—
I	4,297,549	4,315,496	3,883,044	4,031,202	2.64	0.48	1.94
II	4,162,465	4,310,804	3,979,247	4,058,413	2.28	0.68	2.73
III	4,421,414	4,365,736	4,165,834	4,098,390	3.18	0.99	4.00
IV(r)	4,549,729	4,439,121	4,307,027	4,147,147	3.42	1.19	4.84
<b>2018(f)</b>	<b>17,887,387</b>	—	<b>16,759,746</b>	—	<b>2.60</b>	—	—
I (p)	4,371,883	4,389,565	4,000,264	4,155,318	3.02	0.20	0.79
II (f)	4,305,248	4,467,852	4,101,994	4,177,379	3.08	0.53	2.14
III (f)	4,528,356	4,464,523	4,263,045	4,188,522	2.33	0.27	1.07
IV(f)	4,681,900	4,565,447	4,394,443	4,238,527	2.03	1.19	4.86

Note : 1. (p) indicates preliminary version, (f) indicates forecast, (r) indicates revised version. These marks mean the same in all tables.

2. The sum of the decomposed items might not be equal to the total due to the rounding of decimals.

3. yoy (year on year) means the growth rates to the correspondent quarter of previous year, saqr (seasonally adjusted quarterly growth rate) means the growth rate of seasonally adjusted value compared to the previous quarter, saar (seasonally adjusted annualized rate) means the annualized growth rate of seasonally adjusted value compared to the previous quarter ;  $saar=(1+saqr)^4-1$ .

Table 1-2 GDP、GNI and NI

Period	GDP					GNI		National Income			
	At Current Prices			Chained (2011) dollars		( At Current Prices )		At Current Prices		Chained (2011) dollars	
	Amount (Million NT\$)	Annual Rate of Increase (%)	Amount (Million US\$)	Amount (Million NT\$)	Annual Rate of Increase (%)	Amount (Million NT\$)	Amount (Million US\$)	Amount (Million NT\$)	Amount (Million US\$)	Amount (Million NT\$)	Annual Rate of Increase (%)
<b>2007</b>	<b>13,407,062</b>	<b>6.06</b>	<b>408,254</b>	<b>12,572,550</b>	<b>6.52</b>	<b>13,739,828</b>	<b>418,387</b>	<b>11,590,959</b>	<b>352,952</b>	<b>12,034,434</b>	<b>3.73</b>
<b>2008</b>	<b>13,150,950</b>	<b>-1.91</b>	<b>416,961</b>	<b>12,661,079</b>	<b>0.70</b>	<b>13,465,596</b>	<b>426,937</b>	<b>11,161,869</b>	<b>353,896</b>	<b>11,203,683</b>	<b>-6.90</b>
<b>2009</b>	<b>12,961,656</b>	<b>-1.44</b>	<b>392,065</b>	<b>12,462,729</b>	<b>-1.57</b>	<b>13,375,650</b>	<b>404,587</b>	<b>10,985,329</b>	<b>332,285</b>	<b>11,182,646</b>	<b>-0.19</b>
<b>2010</b>	<b>14,119,213</b>	<b>8.93</b>	<b>446,105</b>	<b>13,787,642</b>	<b>10.63</b>	<b>14,548,852</b>	<b>459,679</b>	<b>12,194,428</b>	<b>385,290</b>	<b>12,343,643</b>	<b>10.38</b>
<b>2011</b>	<b>14,312,200</b>	<b>1.37</b>	<b>485,653</b>	<b>14,312,200</b>	<b>3.80</b>	<b>14,700,572</b>	<b>498,832</b>	<b>12,290,671</b>	<b>417,057</b>	<b>12,290,671</b>	<b>-0.43</b>
<b>2012</b>	<b>14,686,917</b>	<b>2.62</b>	<b>495,845</b>	<b>14,607,569</b>	<b>2.06</b>	<b>15,141,108</b>	<b>511,179</b>	<b>12,493,108</b>	<b>421,779</b>	<b>12,490,438</b>	<b>1.63</b>
<b>2013</b>	<b>15,230,739</b>	<b>3.70</b>	<b>511,614</b>	<b>14,929,292</b>	<b>2.20</b>	<b>15,654,588</b>	<b>525,851</b>	<b>13,115,430</b>	<b>440,559</b>	<b>12,955,284</b>	<b>3.72</b>
<b>2014</b>	<b>16,111,867</b>	<b>5.79</b>	<b>530,519</b>	<b>15,529,606</b>	<b>4.02</b>	<b>16,582,405</b>	<b>546,013</b>	<b>14,018,941</b>	<b>461,605</b>	<b>13,793,650</b>	<b>6.47</b>
<b>2015</b>	<b>16,770,671</b>	<b>4.09</b>	<b>525,562</b>	<b>15,654,835</b>	<b>0.81</b>	<b>17,301,397</b>	<b>542,194</b>	<b>14,652,714</b>	<b>459,189</b>	<b>14,604,568</b>	<b>5.88</b>
I	4,198,578	8.71	132,898	3,794,768	3.99	4,380,916	138,676	3,704,417	117,252	3,609,969	9.79
II	4,067,791	3.62	131,251	3,851,364	0.71	4,152,434	133,989	3,541,598	114,270	3,558,035	5.12
III	4,214,264	2.95	130,827	3,956,492	-0.64	4,341,649	134,788	3,673,586	114,039	3,669,743	5.21
IV	4,290,038	1.41	130,586	4,052,211	-0.54	4,426,398	134,741	3,733,113	113,628	3,766,821	3.68
<b>2016</b>	<b>17,152,093</b>	<b>2.27</b>	<b>530,532</b>	<b>15,875,635</b>	<b>1.41</b>	<b>17,682,434</b>	<b>546,936</b>	<b>14,992,247</b>	<b>463,726</b>	<b>14,893,144</b>	<b>1.98</b>
I	4,263,178	1.54	127,729	3,783,327	-0.30	4,443,616	133,150	3,752,784	112,445	3,632,599	0.63
II	4,149,761	2.02	127,819	3,890,436	1.01	4,259,944	131,228	3,618,088	111,451	3,604,679	1.31
III	4,296,127	1.94	135,288	4,037,342	2.04	4,424,231	139,338	3,770,905	118,758	3,757,309	2.39
IV	4,443,027	3.57	139,696	4,164,530	2.77	4,554,643	143,220	3,850,470	121,072	3,898,557	3.50
<b>2017(r)</b>	<b>17,431,157</b>	<b>1.63</b>	<b>572,767</b>	<b>16,335,152</b>	<b>2.89</b>	<b>17,908,407</b>	<b>588,434</b>	<b>15,166,505</b>	<b>498,347</b>	<b>15,071,121</b>	<b>1.20</b>
I	4,297,549	0.81	138,185	3,883,044	2.64	4,438,303	142,711	3,751,472	120,626	3,646,828	0.39
II	4,162,465	0.31	137,511	3,979,247	2.28	4,264,898	140,895	3,606,780	119,154	3,625,609	0.58
III	4,421,414	2.92	146,018	4,165,834	3.18	4,501,876	148,675	3,830,199	126,493	3,814,719	1.53
IV(r)	4,549,729	2.40	151,053	4,307,027	3.42	4,703,330	156,153	3,978,054	132,074	3,983,965	2.19
<b>2018</b>											
I (p)	4,371,883	1.73	149,109	4,000,264	3.02	4,525,291	154,341	3,806,103	129,813	3,704,583	1.58

Note : 1. GNI=GDP+Net Factor Income from the Rest of the World+Gain or Loss Resulting from Changes in the Terms of Trade.

2. NI (at current prices)=GNI-Consumption of Fixed Capital-Statistical Discrepancy.

Table 2 Changes in Prices

Unit:%

Period	Deflators						CPI	WPI
	GDP	Private Final Consumption	Government Final Consumption	Gross Fixed Capital Formation	Exports	Imports		
<b>2007</b>	<b>-0.43</b>	<b>1.16</b>	<b>1.43</b>	<b>3.44</b>	<b>1.79</b>	<b>6.10</b>	<b>1.80</b>	<b>6.46</b>
<b>2008</b>	<b>-2.60</b>	<b>2.60</b>	<b>2.03</b>	<b>6.93</b>	<b>-1.81</b>	<b>7.65</b>	<b>3.52</b>	<b>5.15</b>
<b>2009</b>	<b>0.13</b>	<b>-1.17</b>	<b>0.02</b>	<b>-0.56</b>	<b>-7.41</b>	<b>-9.99</b>	<b>-0.87</b>	<b>-8.73</b>
<b>2010</b>	<b>-1.54</b>	<b>0.70</b>	<b>1.03</b>	<b>1.24</b>	<b>1.80</b>	<b>5.46</b>	<b>0.97</b>	<b>5.46</b>
<b>2011</b>	<b>-2.34</b>	<b>0.88</b>	<b>1.31</b>	<b>1.49</b>	<b>-0.14</b>	<b>5.39</b>	<b>1.42</b>	<b>4.32</b>
<b>2012</b>	<b>0.54</b>	<b>1.19</b>	<b>1.80</b>	<b>0.70</b>	<b>-1.12</b>	<b>-0.39</b>	<b>1.93</b>	<b>-1.16</b>
<b>2013</b>	<b>1.47</b>	<b>0.31</b>	<b>0.27</b>	<b>-2.24</b>	<b>-1.18</b>	<b>-3.83</b>	<b>0.79</b>	<b>-2.43</b>
<b>2014</b>	<b>1.70</b>	<b>0.67</b>	<b>0.77</b>	<b>1.33</b>	<b>0.48</b>	<b>-1.30</b>	<b>1.20</b>	<b>-0.56</b>
<b>2015</b>	<b>3.26</b>	<b>-0.68</b>	<b>0.25</b>	<b>-1.63</b>	<b>-3.90</b>	<b>-11.13</b>	<b>-0.30</b>	<b>-8.85</b>
I	4.54	-0.66	1.46	-0.12	-3.02	-11.50	-0.59	-8.50
II	2.89	-1.20	0.39	-2.26	-5.01	-12.45	-0.71	-9.42
III	3.62	-0.90	-0.10	-2.31	-3.68	-11.68	-0.26	-9.47
IV	1.95	0.10	-0.26	-1.72	-3.98	-8.90	0.32	-7.98
<b>2016</b>	<b>0.85</b>	<b>0.82</b>	<b>1.33</b>	<b>0.35</b>	<b>-1.93</b>	<b>-2.59</b>	<b>1.39</b>	<b>-2.98</b>
I	1.84	0.79	0.63	-0.51	-2.24	-5.28	1.74	-4.99
II	0.99	0.97	2.01	1.17	-1.82	-2.01	1.33	-3.27
III	-0.10	0.48	1.09	0.73	-3.05	-2.43	0.71	-3.41
IV	0.77	1.01	1.14	0.09	-0.44	-0.66	1.79	-0.16
<b>2017(r)</b>	<b>-1.23</b>	<b>-0.01</b>	<b>0.56</b>	<b>-0.06</b>	<b>-1.85</b>	<b>0.31</b>	<b>0.62</b>	<b>0.90</b>
I	-1.78	0.12	1.13	-0.15	-0.73	2.88	0.79	2.31
II	-1.94	-0.34	0.05	-1.38	-2.66	-0.75	0.57	-0.69
III	-0.25	-0.11	1.17	0.09	-1.73	-0.93	0.74	0.81
IV(r)	-0.98	0.26	0.52	0.94	-2.15	0.26	0.41	1.17
<b>2018(f)</b>	<b>0.02</b>	<b>1.20</b>	<b>1.54</b>	<b>0.75</b>	<b>0.67</b>	<b>2.68</b>	<b>1.49</b>	<b>2.42</b>
I (p)	-1.25	0.95	-1.13	1.03	-3.11	-0.08	1.55	-0.13
II (f)	0.34	1.63	3.61	1.18	1.70	5.00	1.95	4.26
III (f)	0.08	1.46	0.20	0.59	2.50	4.08	1.66	3.75
IV (f)	0.85	0.79	3.01	0.39	1.30	1.65	0.81	1.87

Table 3-1 Expenditures on Gross Domestic Product  
At Current Prices

Unit: Million NT\$

Period	GDP	Domestic Demand								Demand of Rest of The World		
		Subtotal	Private Final Consumption	Government Final Consumption	Gross Fixed Capital Formation			Changes in Inventories	Subtotal	Exports of Goods and Services	Less: Imports of Goods and Services	
					Private Enterprises	Public Enterprises	Government					
<b>2007</b>	<b>13,407,062</b>	<b>12,341,473</b>	<b>7,197,916</b>	<b>1,922,075</b>	<b>3,205,121</b>	<b>2,501,225</b>	<b>209,930</b>	<b>493,966</b>	<b>16,361</b>	<b>1,065,589</b>	<b>9,349,494</b>	<b>8,283,905</b>
<b>2008</b>	<b>13,150,950</b>	<b>12,468,377</b>	<b>7,260,169</b>	<b>1,991,181</b>	<b>3,045,433</b>	<b>2,284,331</b>	<b>217,618</b>	<b>543,484</b>	<b>171,594</b>	<b>682,573</b>	<b>9,230,775</b>	<b>8,548,202</b>
<b>2009</b>	<b>12,961,656</b>	<b>11,811,481</b>	<b>7,175,511</b>	<b>2,055,721</b>	<b>2,761,737</b>	<b>1,935,945</b>	<b>231,018</b>	<b>594,774</b>	<b>-181,488</b>	<b>1,150,175</b>	<b>7,827,336</b>	<b>6,677,161</b>
<b>2010</b>	<b>14,119,213</b>	<b>13,121,044</b>	<b>7,497,682</b>	<b>2,098,717</b>	<b>3,335,881</b>	<b>2,496,978</b>	<b>249,845</b>	<b>589,058</b>	<b>188,764</b>	<b>998,169</b>	<b>10,013,538</b>	<b>9,015,369</b>
<b>2011</b>	<b>14,312,200</b>	<b>13,349,437</b>	<b>7,798,976</b>	<b>2,167,595</b>	<b>3,346,945</b>	<b>2,558,491</b>	<b>219,898</b>	<b>568,556</b>	<b>35,921</b>	<b>962,763</b>	<b>10,419,700</b>	<b>9,456,937</b>
<b>2012</b>	<b>14,686,917</b>	<b>13,593,547</b>	<b>8,035,105</b>	<b>2,254,282</b>	<b>3,282,131</b>	<b>2,567,030</b>	<b>204,125</b>	<b>510,976</b>	<b>22,029</b>	<b>1,093,370</b>	<b>10,345,375</b>	<b>9,252,005</b>
<b>2013</b>	<b>15,230,739</b>	<b>13,851,218</b>	<b>8,248,385</b>	<b>2,242,637</b>	<b>3,378,731</b>	<b>2,685,854</b>	<b>200,417</b>	<b>492,460</b>	<b>-18,535</b>	<b>1,379,521</b>	<b>10,579,884</b>	<b>9,200,363</b>
<b>2014</b>	<b>16,111,867</b>	<b>14,452,652</b>	<b>8,588,741</b>	<b>2,342,754</b>	<b>3,493,834</b>	<b>2,820,686</b>	<b>210,978</b>	<b>462,170</b>	<b>27,323</b>	<b>1,659,215</b>	<b>11,254,123</b>	<b>9,594,908</b>
<b>2015</b>	<b>16,770,671</b>	<b>14,615,051</b>	<b>8,755,829</b>	<b>2,346,110</b>	<b>3,493,267</b>	<b>2,863,172</b>	<b>191,105</b>	<b>438,990</b>	<b>19,845</b>	<b>2,155,620</b>	<b>10,775,522</b>	<b>8,619,902</b>
I	4,198,578	3,635,867	2,165,276	621,332	850,433	737,949	28,611	83,873	-1,174	562,711	2,680,567	2,117,856
II	4,067,791	3,585,304	2,167,414	538,301	854,817	698,872	48,349	107,596	24,772	482,487	2,666,341	2,183,854
III	4,214,264	3,689,308	2,208,420	570,705	904,896	758,021	42,466	104,409	5,287	524,956	2,686,981	2,162,025
IV	4,290,038	3,704,572	2,214,719	615,772	883,121	668,330	71,679	143,112	-9,040	585,466	2,741,633	2,156,167
<b>2016</b>	<b>17,152,093</b>	<b>15,067,087</b>	<b>9,031,513</b>	<b>2,465,870</b>	<b>3,584,910</b>	<b>2,957,148</b>	<b>185,924</b>	<b>441,838</b>	<b>-15,206</b>	<b>2,085,006</b>	<b>10,771,164</b>	<b>8,686,158</b>
I	4,263,178	3,732,937	2,242,315	666,928	845,317	738,507	27,610	79,200	-21,623	530,241	2,511,823	1,981,582
II	4,149,761	3,670,811	2,225,681	561,750	865,984	718,924	47,852	99,208	17,396	478,950	2,618,901	2,139,951
III	4,296,127	3,817,571	2,280,182	598,456	942,688	797,126	39,848	105,714	-3,755	478,556	2,695,895	2,217,339
IV	4,443,027	3,845,768	2,283,335	638,736	930,921	702,591	70,614	157,716	-7,224	597,259	2,944,545	2,347,286
<b>2017(r)</b>	<b>17,431,157</b>	<b>15,234,319</b>	<b>9,245,506</b>	<b>2,451,014</b>	<b>3,570,116</b>	<b>2,914,430</b>	<b>184,744</b>	<b>470,942</b>	<b>-32,317</b>	<b>2,196,838</b>	<b>11,361,120</b>	<b>9,164,282</b>
I	4,297,549	3,815,796	2,285,788	641,939	884,753	766,909	31,856	85,988	3,316	481,753	2,676,192	2,194,439
II	4,162,465	3,714,206	2,263,572	566,758	860,883	710,435	42,706	107,742	22,993	448,259	2,678,595	2,230,336
III	4,421,414	3,819,518	2,337,388	610,923	917,802	763,619	40,315	113,868	-46,595	601,896	2,948,319	2,346,423
IV(r)	4,549,729	3,884,799	2,358,758	631,394	906,678	673,467	69,867	163,344	-12,031	664,930	3,058,014	2,393,084
<b>2018(f)</b>	<b>17,887,387</b>	<b>15,933,563</b>	<b>9,593,095</b>	<b>2,537,776</b>	<b>3,777,317</b>	<b>3,069,553</b>	<b>200,745</b>	<b>507,019</b>	<b>25,375</b>	<b>1,953,824</b>	<b>11,819,854</b>	<b>9,866,030</b>
I (p)	4,371,883	3,932,150	2,370,441	676,375	898,799	780,421	30,640	87,738	-13,465	439,733	2,766,711	2,326,978
II (f)	4,305,248	3,863,728	2,361,201	586,312	893,596	728,174	49,923	115,499	22,619	441,520	2,886,068	2,444,548
III (f)	4,528,356	4,031,127	2,428,430	612,757	972,849	806,220	41,545	125,084	17,091	497,229	3,055,723	2,558,494
IV (f)	4,681,900	4,106,558	2,433,023	662,332	1,012,073	754,738	78,637	178,698	-870	575,342	3,111,352	2,536,010

Table 3-2 Expenditures on Gross Domestic Product  
Composition at Current Prices

Unit:%

Period	GDP	Domestic Demand								Demand of Rest of The World		
		Subtotal	Private Final Consumption	Government Final Consumption	Gross Fixed Capital Formation			Changes in Inventories	Subtotal	Exports of Goods and Services	Less: Imports of Goods and Services	
					Private Enterprises	Public Enterprises	Government					
<b>2007</b>	<b>100.00</b>	<b>92.05</b>	<b>53.69</b>	<b>14.34</b>	<b>23.91</b>	<b>18.66</b>	<b>1.57</b>	<b>3.68</b>	<b>0.12</b>	<b>7.95</b>	<b>69.74</b>	<b>61.79</b>
<b>2008</b>	<b>100.00</b>	<b>94.81</b>	<b>55.21</b>	<b>15.14</b>	<b>23.16</b>	<b>17.37</b>	<b>1.65</b>	<b>4.13</b>	<b>1.30</b>	<b>5.19</b>	<b>70.19</b>	<b>65.00</b>
<b>2009</b>	<b>100.00</b>	<b>91.13</b>	<b>55.36</b>	<b>15.86</b>	<b>21.31</b>	<b>14.94</b>	<b>1.78</b>	<b>4.59</b>	<b>-1.40</b>	<b>8.87</b>	<b>60.39</b>	<b>51.51</b>
<b>2010</b>	<b>100.00</b>	<b>92.93</b>	<b>53.10</b>	<b>14.86</b>	<b>23.63</b>	<b>17.68</b>	<b>1.77</b>	<b>4.17</b>	<b>1.34</b>	<b>7.07</b>	<b>70.92</b>	<b>63.85</b>
<b>2011</b>	<b>100.00</b>	<b>93.27</b>	<b>54.49</b>	<b>15.15</b>	<b>23.39</b>	<b>17.88</b>	<b>1.54</b>	<b>3.97</b>	<b>0.25</b>	<b>6.73</b>	<b>72.80</b>	<b>66.08</b>
<b>2012</b>	<b>100.00</b>	<b>92.56</b>	<b>54.71</b>	<b>15.35</b>	<b>22.35</b>	<b>17.48</b>	<b>1.39</b>	<b>3.48</b>	<b>0.15</b>	<b>7.44</b>	<b>70.44</b>	<b>62.99</b>
<b>2013</b>	<b>100.00</b>	<b>90.94</b>	<b>54.16</b>	<b>14.72</b>	<b>22.18</b>	<b>17.63</b>	<b>1.32</b>	<b>3.23</b>	<b>-0.12</b>	<b>9.06</b>	<b>69.46</b>	<b>60.41</b>
<b>2014</b>	<b>100.00</b>	<b>89.70</b>	<b>53.31</b>	<b>14.54</b>	<b>21.68</b>	<b>17.51</b>	<b>1.31</b>	<b>2.87</b>	<b>0.17</b>	<b>10.30</b>	<b>69.85</b>	<b>59.55</b>
<b>2015</b>	<b>100.00</b>	<b>87.15</b>	<b>52.21</b>	<b>13.99</b>	<b>20.83</b>	<b>17.07</b>	<b>1.14</b>	<b>2.62</b>	<b>0.12</b>	<b>12.85</b>	<b>64.25</b>	<b>51.40</b>
I	100.00	86.60	51.57	14.80	20.26	17.58	0.68	2.00	-0.03	13.40	63.84	50.44
II	100.00	88.14	53.28	13.23	21.01	17.18	1.19	2.65	0.61	11.86	65.55	53.69
III	100.00	87.54	52.40	13.54	21.47	17.99	1.01	2.48	0.13	12.46	63.76	51.30
IV	100.00	86.35	51.62	14.35	20.59	15.58	1.67	3.34	-0.21	13.65	63.91	50.26
<b>2016</b>	<b>100.00</b>	<b>87.84</b>	<b>52.66</b>	<b>14.38</b>	<b>20.90</b>	<b>17.24</b>	<b>1.08</b>	<b>2.58</b>	<b>-0.09</b>	<b>12.16</b>	<b>62.80</b>	<b>50.64</b>
I	100.00	87.56	52.60	15.64	19.83	17.32	0.65	1.86	-0.51	12.44	58.92	46.48
II	100.00	88.46	53.63	13.54	20.87	17.32	1.15	2.39	0.42	11.54	63.11	51.57
III	100.00	88.86	53.08	13.93	21.94	18.55	0.93	2.46	-0.09	11.14	62.75	51.61
IV	100.00	86.56	51.39	14.38	20.95	15.81	1.59	3.55	-0.16	13.44	66.27	52.83
<b>2017(r)</b>	<b>100.00</b>	<b>87.40</b>	<b>53.04</b>	<b>14.06</b>	<b>20.48</b>	<b>16.72</b>	<b>1.06</b>	<b>2.70</b>	<b>-0.19</b>	<b>12.60</b>	<b>65.18</b>	<b>52.57</b>
I	100.00	88.79	53.19	14.94	20.59	17.85	0.74	2.00	0.08	11.21	62.27	51.06
II	100.00	89.23	54.38	13.62	20.68	17.07	1.03	2.59	0.55	10.77	64.35	53.58
III	100.00	86.39	52.87	13.82	20.76	17.27	0.91	2.58	-1.05	13.61	66.68	53.07
IV(r)	100.00	85.39	51.84	13.88	19.93	14.80	1.54	3.59	-0.26	14.61	67.21	52.60
<b>2018(f)</b>	<b>100.00</b>	<b>89.08</b>	<b>53.63</b>	<b>14.19</b>	<b>21.12</b>	<b>17.16</b>	<b>1.12</b>	<b>2.83</b>	<b>0.14</b>	<b>10.92</b>	<b>66.08</b>	<b>55.16</b>
I (p)	100.00	89.94	54.22	15.47	20.56	17.85	0.70	2.01	-0.31	10.06	63.28	53.23
II (f)	100.00	89.74	54.84	13.62	20.76	16.91	1.16	2.68	0.53	10.26	67.04	56.78
III (f)	100.00	89.02	53.63	13.53	21.48	17.80	0.92	2.76	0.38	10.98	67.48	56.50
IV(f)	100.00	87.71	51.97	14.15	21.62	16.12	1.68	3.82	-0.02	12.29	66.45	54.17

Table 3-3 Expenditures on Gross Domestic Product  
Growth Rates In Chained Volume Indexes (yoy)

Unit:%

Period	Economic Growth Rate	Domestic Demand								Demand of Rest of The World		
		Subtotal	Private Final Consumption	Government Final Consumption	Gross Fixed Capital Formation			Changes in Inventories	Subtotal	Exports of Goods and Services	Less: Imports of Goods and Services	
					Private Enterprises	Public Enterprises	Government					
<b>2007</b>	<b>6.52</b>	<b>1.83</b>	<b>2.42</b>	<b>2.20</b>	<b>1.14</b>	<b>1.88</b>	<b>2.20</b>	<b>-2.80</b>	--	--	<b>10.45</b>	<b>2.89</b>
<b>2008</b>	<b>0.70</b>	<b>-2.44</b>	<b>-1.69</b>	<b>1.54</b>	<b>-11.13</b>	<b>-14.15</b>	<b>-1.98</b>	<b>0.44</b>	--	--	<b>0.55</b>	<b>-4.13</b>
<b>2009</b>	<b>-1.57</b>	<b>-4.51</b>	<b>0.01</b>	<b>3.22</b>	<b>-8.81</b>	<b>-15.32</b>	<b>2.37</b>	<b>14.07</b>	--	--	<b>-8.42</b>	<b>-13.22</b>
<b>2010</b>	<b>10.63</b>	<b>10.29</b>	<b>3.76</b>	<b>1.05</b>	<b>19.31</b>	<b>27.63</b>	<b>7.49</b>	<b>-2.92</b>	--	--	<b>25.67</b>	<b>28.03</b>
<b>2011</b>	<b>3.80</b>	<b>0.57</b>	<b>3.12</b>	<b>1.95</b>	<b>-1.15</b>	<b>1.20</b>	<b>-13.44</b>	<b>-5.78</b>	--	--	<b>4.20</b>	<b>-0.46</b>
<b>2012</b>	<b>2.06</b>	<b>0.63</b>	<b>1.82</b>	<b>2.16</b>	<b>-2.61</b>	<b>-0.35</b>	<b>-7.42</b>	<b>-10.95</b>	--	--	<b>0.41</b>	<b>-1.78</b>
<b>2013</b>	<b>2.20</b>	<b>2.03</b>	<b>2.34</b>	<b>-0.79</b>	<b>5.30</b>	<b>7.09</b>	<b>2.99</b>	<b>-2.79</b>	--	--	<b>3.50</b>	<b>3.40</b>
<b>2014</b>	<b>4.02</b>	<b>3.71</b>	<b>3.44</b>	<b>3.66</b>	<b>2.05</b>	<b>3.58</b>	<b>4.95</b>	<b>-7.52</b>	--	--	<b>5.86</b>	<b>5.67</b>
<b>2015</b>	<b>0.81</b>	<b>1.91</b>	<b>2.63</b>	<b>-0.10</b>	<b>1.64</b>	<b>3.02</b>	<b>-7.09</b>	<b>-2.74</b>	--	--	<b>-0.37</b>	<b>1.09</b>
I	3.99	1.49	3.43	-2.81	-0.24	1.66	-28.57	-2.75	--	--	6.12	2.59
II	0.71	3.64	3.65	0.96	0.89	-0.05	22.11	-0.88	--	--	-1.26	2.79
III	-0.64	0.92	1.11	0.30	3.65	6.02	-5.59	-7.53	--	--	-2.97	-1.03
IV	-0.54	1.65	2.40	0.89	2.12	4.53	-11.92	-0.40	--	--	-2.60	0.20
<b>2016</b>	<b>1.41</b>	<b>2.23</b>	<b>2.32</b>	<b>3.72</b>	<b>2.27</b>	<b>2.77</b>	<b>-3.60</b>	<b>1.24</b>	--	--	<b>1.93</b>	<b>3.45</b>
I	-0.30	2.05	2.74	6.67	-0.09	0.50	-4.09	-4.13	--	--	-4.15	-1.21
II	1.01	1.00	1.70	2.29	0.14	1.58	-3.92	-7.27	--	--	0.04	-0.01
III	2.04	2.79	2.76	3.73	3.42	4.17	-7.27	1.77	--	--	3.49	5.11
IV	2.77	3.05	2.08	2.56	5.32	4.82	-1.02	10.12	--	--	7.87	9.59
<b>2017(r)</b>	<b>2.89</b>	<b>0.94</b>	<b>2.38</b>	<b>-1.15</b>	<b>-0.35</b>	<b>-1.35</b>	<b>0.67</b>	<b>5.46</b>	--	--	<b>7.46</b>	<b>5.18</b>
I	2.64	2.19	1.81	-4.83	4.82	3.89	18.34	8.04	--	--	7.34	7.64
II	2.28	1.87	2.05	0.84	0.80	0.26	-7.49	8.73	--	--	5.08	5.01
III	3.18	-0.50	2.62	0.90	-2.73	-4.35	1.79	6.07	--	--	11.28	6.82
IV(r)	3.42	0.33	3.03	-1.65	-3.51	-4.94	-1.24	1.76	--	--	6.13	1.69
<b>2018(f)</b>	<b>2.60</b>	<b>3.41</b>	<b>2.53</b>	<b>1.97</b>	<b>5.01</b>	<b>4.61</b>	<b>8.11</b>	<b>6.28</b>	--	--	<b>3.34</b>	<b>4.86</b>
I (p)	3.02	2.20	2.73	6.58	0.55	0.81	-4.58	0.12	--	--	6.69	6.12
II (f)	3.08	1.78	2.64	-0.15	2.59	1.43	15.83	5.02	--	--	5.93	4.39
III (f)	2.33	4.85	2.40	0.10	5.38	5.03	2.58	8.72	--	--	1.12	4.76
IV(f)	2.03	4.71	2.34	1.83	11.20	11.72	12.23	8.53	--	--	0.45	4.24



Table 3-4 Expenditures on Gross Domestic Product  
Contributions to Economic Growth Rate (yoy)

Unit: percentage points

Period	Economic Growth Rate	Domestic Demand								Demand of Rest of The World		
		Subtotal	Private Final Consumption	Government Final Consumption	Gross Fixed Capital Formation			Changes in Inventories	Subtotal	Exports of Goods and Services	Less: Imports of Goods and Services	
					Private Enterprises	Public Enterprises	Government					
<b>2007</b>	<b>6.52</b>	<b>1.38</b>	<b>1.33</b>	<b>0.32</b>	<b>0.28</b>	<b>0.35</b>	<b>0.03</b>	<b>-0.11</b>	<b>-0.55</b>	<b>5.14</b>	<b>6.87</b>	<b>1.73</b>
<b>2008</b>	<b>0.70</b>	<b>-2.24</b>	<b>-0.91</b>	<b>0.22</b>	<b>-2.66</b>	<b>-2.64</b>	<b>-0.03</b>	<b>0.02</b>	<b>1.11</b>	<b>2.94</b>	<b>0.39</b>	<b>-2.55</b>
<b>2009</b>	<b>-1.57</b>	<b>-4.25</b>	<b>0.01</b>	<b>0.49</b>	<b>-2.04</b>	<b>-2.66</b>	<b>0.04</b>	<b>0.58</b>	<b>-2.70</b>	<b>2.68</b>	<b>-5.91</b>	<b>-8.59</b>
<b>2010</b>	<b>10.63</b>	<b>9.56</b>	<b>2.08</b>	<b>0.17</b>	<b>4.12</b>	<b>4.13</b>	<b>0.13</b>	<b>-0.13</b>	<b>3.20</b>	<b>1.07</b>	<b>15.50</b>	<b>14.44</b>
<b>2011</b>	<b>3.80</b>	<b>0.53</b>	<b>1.65</b>	<b>0.29</b>	<b>-0.27</b>	<b>0.21</b>	<b>-0.24</b>	<b>-0.24</b>	<b>-1.14</b>	<b>3.27</b>	<b>2.98</b>	<b>-0.29</b>
<b>2012</b>	<b>2.06</b>	<b>0.59</b>	<b>0.99</b>	<b>0.33</b>	<b>-0.61</b>	<b>-0.06</b>	<b>-0.11</b>	<b>-0.44</b>	<b>-0.12</b>	<b>1.47</b>	<b>0.30</b>	<b>-1.18</b>
<b>2013</b>	<b>2.20</b>	<b>1.88</b>	<b>1.28</b>	<b>-0.12</b>	<b>1.18</b>	<b>1.24</b>	<b>0.04</b>	<b>-0.10</b>	<b>-0.46</b>	<b>0.32</b>	<b>2.46</b>	<b>2.14</b>
<b>2014</b>	<b>4.02</b>	<b>3.37</b>	<b>1.86</b>	<b>0.54</b>	<b>0.46</b>	<b>0.63</b>	<b>0.07</b>	<b>-0.24</b>	<b>0.52</b>	<b>0.65</b>	<b>4.07</b>	<b>3.42</b>
<b>2015</b>	<b>0.81</b>	<b>1.71</b>	<b>1.40</b>	<b>-0.02</b>	<b>0.36</b>	<b>0.53</b>	<b>-0.09</b>	<b>-0.08</b>	<b>-0.03</b>	<b>-0.91</b>	<b>-0.26</b>	<b>0.65</b>
I	3.99	1.35	1.90	-0.40	-0.05	0.31	-0.30	-0.06	-0.09	2.64	4.18	1.54
II	0.71	3.25	1.95	0.14	0.20	-0.01	0.23	-0.02	0.97	-2.55	-0.88	1.66
III	-0.64	0.82	0.59	0.04	0.79	1.06	-0.06	-0.21	-0.60	-1.46	-2.09	-0.62
IV	-0.54	1.47	1.25	0.13	0.45	0.71	-0.25	-0.02	-0.36	-2.01	-1.87	0.14
<b>2016</b>	<b>1.41</b>	<b>1.94</b>	<b>1.21</b>	<b>0.52</b>	<b>0.47</b>	<b>0.48</b>	<b>-0.04</b>	<b>0.03</b>	<b>-0.26</b>	<b>-0.53</b>	<b>1.24</b>	<b>1.77</b>
I	-0.30	1.79	1.42	0.90	0.00	0.04	0.00	-0.04	-0.52	-2.09	-2.70	-0.60
II	1.01	0.84	0.87	0.32	0.02	0.26	-0.05	-0.19	-0.38	0.18	0.05	-0.13
III	2.04	2.42	1.44	0.52	0.70	0.72	-0.06	0.05	-0.25	-0.38	2.26	2.64
IV	2.77	2.67	1.11	0.35	1.11	0.86	-0.05	0.30	0.10	0.10	5.06	4.96
<b>2017(r)</b>	<b>2.89</b>	<b>0.83</b>	<b>1.25</b>	<b>-0.16</b>	<b>-0.07</b>	<b>-0.22</b>	<b>0.01</b>	<b>0.14</b>	<b>-0.19</b>	<b>2.07</b>	<b>4.69</b>	<b>2.62</b>
I	2.64	1.94	1.00	-0.68	0.97	0.69	0.12	0.16	0.65	0.69	4.49	3.80
II	2.28	1.65	1.09	0.12	0.17	0.04	-0.08	0.21	0.28	0.63	3.16	2.53
III	3.18	-0.44	1.37	0.13	-0.60	-0.76	0.02	0.15	-1.34	3.62	7.09	3.46
IV(r)	3.42	0.28	1.52	-0.24	-0.74	-0.77	-0.02	0.05	-0.26	3.14	3.96	0.82
<b>2018(f)</b>	<b>2.60</b>	<b>2.98</b>	<b>1.34</b>	<b>0.28</b>	<b>1.03</b>	<b>0.77</b>	<b>0.09</b>	<b>0.17</b>	<b>0.33</b>	<b>-0.38</b>	<b>2.18</b>	<b>2.55</b>
I (p)	3.02	2.01	1.54	0.86	0.12	0.15	-0.03	0.00	-0.51	1.01	4.21	3.20
II (f)	3.08	1.61	1.42	-0.02	0.54	0.25	0.16	0.13	-0.33	1.47	3.74	2.27
III (f)	2.33	4.17	1.26	0.02	1.12	0.87	0.02	0.22	1.78	-1.83	0.74	2.57
IV (f)	2.03	3.96	1.16	0.27	2.21	1.70	0.19	0.32	0.31	-1.93	0.29	2.22

Note : Contributions of component X on s season at t year= $\{Px_{t-1}/P_{GDP_{t-1}} \times (rX_{t,s} - rX_{t-1,s})/rGDP_{t-1,s} + (rX_{t-1,s}/rGDP_{t-1,s} - rX_{t-1}/rGDP_{t-1}) \times (Px_{t-1}/P_{GDP_{t-1}} - Px_{t-2}/P_{GDP_{t-2}})\} \times 100\%$ ,  
where rX : Chained dollar of component X ; rGDP : real GDP(reference year = 2011) ; Px : Deflators of component X ; P<sub>GDP</sub> : Deflators of GDP.

Table 4-1 Gross Domestic Product by Kind of Activity  
At Current Prices

Unit: Million NT\$

Period	GDP	Agriculture, Forestry, Fishing and Animal Husbandry	Industry					Service									Statistical Discrepancy
			Mining and Quarrying	Manufacturing	Electricity and Gas Supply	Water Supply and Remediation Services	Construction	Wholesale and Retail Trade	Transportation and Storage	Information and Communication	Finance and Insurance	Real Estate and Ownership of Dwellings (1)	Public Administration and Defence ; Compulsory Social Security	Others (2)			
<b>2007</b>	<b>13,407,062</b>	<b>191,886</b>	<b>4,362,723</b>	<b>22,896</b>	<b>3,764,569</b>	<b>134,882</b>	<b>86,543</b>	<b>353,833</b>	<b>8,680,010</b>	<b>2,309,925</b>	<b>412,001</b>	<b>446,741</b>	<b>943,545</b>	<b>1,090,456</b>	<b>947,340</b>	<b>2,530,002</b>	<b>172,443</b>
<b>2008</b>	<b>13,150,950</b>	<b>201,656</b>	<b>4,073,510</b>	<b>23,564</b>	<b>3,567,420</b>	<b>39,959</b>	<b>87,167</b>	<b>355,400</b>	<b>8,737,654</b>	<b>2,319,485</b>	<b>388,038</b>	<b>454,657</b>	<b>912,828</b>	<b>1,108,305</b>	<b>988,665</b>	<b>2,565,676</b>	<b>138,130</b>
<b>2009</b>	<b>12,961,656</b>	<b>215,109</b>	<b>4,034,619</b>	<b>18,030</b>	<b>3,422,636</b>	<b>187,971</b>	<b>86,432</b>	<b>319,550</b>	<b>8,556,951</b>	<b>2,223,440</b>	<b>363,325</b>	<b>453,945</b>	<b>797,576</b>	<b>1,148,078</b>	<b>994,245</b>	<b>2,576,342</b>	<b>154,977</b>
<b>2010</b>	<b>14,119,213</b>	<b>224,828</b>	<b>4,754,052</b>	<b>19,008</b>	<b>4,090,594</b>	<b>182,902</b>	<b>94,504</b>	<b>367,044</b>	<b>9,095,867</b>	<b>2,367,946</b>	<b>427,866</b>	<b>465,419</b>	<b>871,705</b>	<b>1,188,787</b>	<b>1,034,284</b>	<b>2,739,860</b>	<b>44,466</b>
<b>2011</b>	<b>14,312,200</b>	<b>245,783</b>	<b>4,725,408</b>	<b>17,174</b>	<b>4,102,225</b>	<b>126,013</b>	<b>96,943</b>	<b>383,053</b>	<b>9,341,009</b>	<b>2,443,613</b>	<b>398,441</b>	<b>461,781</b>	<b>915,039</b>	<b>1,211,679</b>	<b>1,054,319</b>	<b>2,856,137</b>	<b>0</b>
<b>2012</b>	<b>14,686,917</b>	<b>242,400</b>	<b>4,756,737</b>	<b>15,500</b>	<b>4,120,882</b>	<b>134,895</b>	<b>100,937</b>	<b>384,523</b>	<b>9,525,363</b>	<b>2,451,902</b>	<b>416,669</b>	<b>462,034</b>	<b>932,853</b>	<b>1,241,814</b>	<b>1,076,339</b>	<b>2,943,752</b>	<b>162,417</b>
<b>2013</b>	<b>15,230,739</b>	<b>255,728</b>	<b>5,074,385</b>	<b>15,471</b>	<b>4,360,226</b>	<b>202,292</b>	<b>100,484</b>	<b>395,912</b>	<b>9,835,454</b>	<b>2,574,104</b>	<b>422,738</b>	<b>467,449</b>	<b>972,520</b>	<b>1,288,289</b>	<b>1,062,983</b>	<b>3,047,371</b>	<b>65,172</b>
<b>2014</b>	<b>16,111,867</b>	<b>289,642</b>	<b>5,606,981</b>	<b>16,766</b>	<b>4,833,196</b>	<b>242,194</b>	<b>101,907</b>	<b>412,918</b>	<b>10,217,854</b>	<b>2,644,209</b>	<b>461,755</b>	<b>477,521</b>	<b>1,052,708</b>	<b>1,321,159</b>	<b>1,071,007</b>	<b>3,189,495</b>	<b>-2,610</b>
<b>2015</b>	<b>16,770,671</b>	<b>282,034</b>	<b>5,894,602</b>	<b>16,597</b>	<b>5,047,452</b>	<b>307,961</b>	<b>102,462</b>	<b>420,130</b>	<b>10,534,792</b>	<b>2,729,062</b>	<b>507,161</b>	<b>490,276</b>	<b>1,093,645</b>	<b>1,359,802</b>	<b>1,067,504</b>	<b>3,287,342</b>	<b>59,243</b>
I	4,198,578	66,584	1,462,948	4,535	1,257,384	66,661	22,488	111,880	2,657,071	669,770	134,518	120,202	258,753	330,019	315,899	827,910	11,975
II	4,067,791	72,610	1,469,975	3,983	1,265,203	68,023	27,797	104,969	2,548,778	659,383	114,124	118,505	293,486	335,476	250,832	776,972	-23,572
III	4,214,264	66,772	1,532,234	3,416	1,297,805	102,528	26,771	101,714	2,591,213	651,378	126,207	123,329	276,999	325,423	258,711	829,166	24,045
IV	4,290,038	76,068	1,429,445	4,663	1,227,060	70,749	25,406	101,567	2,737,730	748,531	132,312	128,240	264,407	368,884	242,062	853,294	46,795
<b>2016</b>	<b>17,152,093</b>	<b>307,133</b>	<b>6,086,185</b>	<b>15,018</b>	<b>5,254,060</b>	<b>296,296</b>	<b>112,316</b>	<b>408,495</b>	<b>10,741,420</b>	<b>2,754,591</b>	<b>504,082</b>	<b>499,672</b>	<b>1,118,794</b>	<b>1,388,749</b>	<b>1,084,030</b>	<b>3,391,502</b>	<b>17,355</b>
I	4,263,178	77,173	1,461,890	3,841	1,256,409	69,705	22,697	109,238	2,715,887	671,536	132,213	124,257	267,631	335,708	321,715	862,827	8,228
II	4,149,761	79,334	1,494,265	3,853	1,284,561	72,803	30,011	103,037	2,595,487	656,378	112,696	121,615	299,767	344,562	257,143	803,326	-19,325
III	4,296,127	63,101	1,606,695	3,281	1,382,711	92,646	30,248	97,809	2,637,773	659,618	125,741	125,331	283,394	334,050	260,981	848,658	-11,442
IV	4,443,027	87,525	1,523,335	4,043	1,330,379	61,142	29,360	98,411	2,792,273	767,059	133,432	128,469	268,002	374,429	244,191	876,691	39,894
<b>2017(r)</b>	<b>17,431,157</b>	<b>300,401</b>	<b>6,168,823</b>	<b>14,795</b>	<b>5,372,867</b>	<b>242,802</b>	<b>120,962</b>	<b>417,397</b>	<b>10,955,545</b>	<b>2,828,220</b>	<b>521,660</b>	<b>481,622</b>	<b>1,164,000</b>	<b>1,418,350</b>	<b>1,087,466</b>	<b>3,454,227</b>	<b>6,388</b>
I	4,297,549	74,784	1,485,164	3,621	1,305,015	43,817	25,057	107,654	2,748,076	684,763	126,425	120,066	278,147	344,134	324,422	870,119	-10,475
II	4,162,465	82,914	1,459,000	3,643	1,266,653	53,037	32,218	103,449	2,629,945	669,780	117,636	117,277	304,139	352,195	254,259	814,659	-9,394
III	4,421,414	63,689	1,662,471	3,454	1,439,609	84,641	32,520	102,247	2,708,443	681,256	138,456	120,231	297,569	340,400	264,136	866,395	-13,189
IV(r)	4,549,729	79,014	1,562,188	4,077	1,361,590	61,307	31,167	104,047	2,869,081	792,421	139,143	124,048	284,145	381,621	244,649	903,054	39,446
<b>2018</b>																	
I (p)	4,371,883	67,473	1,484,048	3,749	1,300,298	38,667	26,257	115,077	2,821,669	710,711	128,842	115,729	300,023	350,118	323,140	893,106	-1,307

Note : (1) Real Estate and Ownership of Dwellings consists of real estate development, operation, related activities and dwellings services. The dwellings services (including those rental and owner-occupied imputed) accounted for about 80% of total real estate and dwellings services.

(2) Include accommodation and food services, professional, scientific and technical services, support services, education, human health and social work services, arts, entertainment and recreation, other services, import duties and value-added tax.

Table 4-2 Gross Domestic Product by Kind of Activity  
Composition at Current Prices

Unit:%

Period	Total (1)	Agriculture, Forestry, Fishing and Animal Husbandry	Industry					Service								
			Mining and Quarrying	Manufac- turing	Electricity and Gas Supply	Water Supply and Remediation Services	Construc- tion	Wholesale and Retail Trade	Transporta- tion and Storage	Information and Communi- cation	Finance and Insurance	Real Estate and Ownership of Dwellings (2)	Public Administration and Defence ; Compulsory Social Security	Others (3)		
<b>2007</b>	<b>100.00</b>	<b>1.45</b>	<b>32.96</b>	<b>0.17</b>	<b>28.44</b>	<b>1.02</b>	<b>0.65</b>	<b>2.67</b>	<b>65.59</b>	<b>17.45</b>	<b>3.11</b>	<b>3.38</b>	<b>7.13</b>	<b>8.24</b>	<b>7.16</b>	<b>19.12</b>
<b>2008</b>	<b>100.00</b>	<b>1.55</b>	<b>31.30</b>	<b>0.18</b>	<b>27.41</b>	<b>0.31</b>	<b>0.67</b>	<b>2.73</b>	<b>67.15</b>	<b>17.82</b>	<b>2.98</b>	<b>3.49</b>	<b>7.01</b>	<b>8.52</b>	<b>7.60</b>	<b>19.72</b>
<b>2009</b>	<b>100.00</b>	<b>1.68</b>	<b>31.50</b>	<b>0.14</b>	<b>26.73</b>	<b>1.47</b>	<b>0.67</b>	<b>2.50</b>	<b>66.82</b>	<b>17.36</b>	<b>2.84</b>	<b>3.54</b>	<b>6.23</b>	<b>8.96</b>	<b>7.76</b>	<b>20.12</b>
<b>2010</b>	<b>100.00</b>	<b>1.60</b>	<b>33.78</b>	<b>0.14</b>	<b>29.06</b>	<b>1.30</b>	<b>0.67</b>	<b>2.61</b>	<b>64.63</b>	<b>16.82</b>	<b>3.04</b>	<b>3.31</b>	<b>6.19</b>	<b>8.45</b>	<b>7.35</b>	<b>19.47</b>
<b>2011</b>	<b>100.00</b>	<b>1.72</b>	<b>33.02</b>	<b>0.12</b>	<b>28.66</b>	<b>0.88</b>	<b>0.68</b>	<b>2.68</b>	<b>65.27</b>	<b>17.07</b>	<b>2.78</b>	<b>3.23</b>	<b>6.39</b>	<b>8.47</b>	<b>7.37</b>	<b>19.96</b>
<b>2012</b>	<b>100.00</b>	<b>1.67</b>	<b>32.75</b>	<b>0.11</b>	<b>28.37</b>	<b>0.93</b>	<b>0.69</b>	<b>2.65</b>	<b>65.58</b>	<b>16.88</b>	<b>2.87</b>	<b>3.18</b>	<b>6.42</b>	<b>8.55</b>	<b>7.41</b>	<b>20.27</b>
<b>2013</b>	<b>100.00</b>	<b>1.69</b>	<b>33.46</b>	<b>0.10</b>	<b>28.75</b>	<b>1.33</b>	<b>0.66</b>	<b>2.61</b>	<b>64.85</b>	<b>16.97</b>	<b>2.79</b>	<b>3.08</b>	<b>6.41</b>	<b>8.49</b>	<b>7.01</b>	<b>20.09</b>
<b>2014</b>	<b>100.00</b>	<b>1.80</b>	<b>34.79</b>	<b>0.10</b>	<b>29.99</b>	<b>1.50</b>	<b>0.63</b>	<b>2.56</b>	<b>63.41</b>	<b>16.41</b>	<b>2.87</b>	<b>2.96</b>	<b>6.53</b>	<b>8.20</b>	<b>6.65</b>	<b>19.79</b>
<b>2015</b>	<b>100.00</b>	<b>1.69</b>	<b>35.27</b>	<b>0.10</b>	<b>30.20</b>	<b>1.84</b>	<b>0.61</b>	<b>2.51</b>	<b>63.04</b>	<b>16.33</b>	<b>3.03</b>	<b>2.93</b>	<b>6.54</b>	<b>8.14</b>	<b>6.39</b>	<b>19.67</b>
I	100.00	1.59	34.94	0.11	30.03	1.59	0.54	2.67	63.47	16.00	3.21	2.87	6.18	7.88	7.55	19.78
II	100.00	1.77	35.93	0.10	30.92	1.66	0.68	2.57	62.30	16.12	2.79	2.90	7.17	8.20	6.13	18.99
III	100.00	1.59	36.57	0.08	30.97	2.45	0.64	2.43	61.84	15.55	3.01	2.94	6.61	7.77	6.17	19.79
IV	100.00	1.79	33.69	0.11	28.92	1.67	0.60	2.39	64.52	17.64	3.12	3.02	6.23	8.69	5.70	20.11
<b>2016</b>	<b>100.00</b>	<b>1.79</b>	<b>35.52</b>	<b>0.09</b>	<b>30.66</b>	<b>1.73</b>	<b>0.66</b>	<b>2.38</b>	<b>62.69</b>	<b>16.08</b>	<b>2.94</b>	<b>2.92</b>	<b>6.53</b>	<b>8.10</b>	<b>6.33</b>	<b>19.79</b>
I	100.00	1.81	34.36	0.09	29.53	1.64	0.53	2.57	63.83	15.78	3.11	2.92	6.29	7.89	7.56	20.28
II	100.00	1.90	35.84	0.09	30.81	1.75	0.72	2.47	62.26	15.74	2.70	2.92	7.19	8.26	6.17	19.27
III	100.00	1.46	37.30	0.08	32.10	2.15	0.70	2.27	61.24	15.31	2.92	2.91	6.58	7.75	6.06	19.70
IV	100.00	1.99	34.60	0.09	30.21	1.39	0.67	2.24	63.42	17.42	3.03	2.92	6.09	8.50	5.55	19.91
<b>2017(r)</b>	<b>100.00</b>	<b>1.72</b>	<b>35.40</b>	<b>0.08</b>	<b>30.83</b>	<b>1.39</b>	<b>0.69</b>	<b>2.40</b>	<b>62.87</b>	<b>16.23</b>	<b>2.99</b>	<b>2.76</b>	<b>6.68</b>	<b>8.14</b>	<b>6.24</b>	<b>19.82</b>
I	100.00	1.74	34.47	0.08	30.29	1.02	0.58	2.50	63.79	15.90	2.93	2.79	6.46	7.99	7.53	20.20
II	100.00	1.99	34.97	0.09	30.36	1.27	0.77	2.48	63.04	16.05	2.82	2.81	7.29	8.44	6.09	19.53
III	100.00	1.44	37.49	0.08	32.46	1.91	0.73	2.31	61.08	15.36	3.12	2.71	6.71	7.68	5.96	19.54
IV(r)	100.00	1.75	34.64	0.09	30.19	1.36	0.69	2.31	63.61	17.57	3.09	2.75	6.30	8.46	5.42	20.02
<b>2018</b>																
I (p)	100.00	1.54	33.94	0.09	29.73	0.88	0.60	2.63	64.52	16.25	2.95	2.65	6.86	8.01	7.39	20.42

Note : (1) Statistical Discrepancy is not included.

(2) Real Estate and Ownership of Dwellings consists of real estate development, operation, related activities and dwellings services. The dwellings services (including those rental and owner-occupied imputed) accounted for about 80% of total real estate and dwellings services.

(3) Include accommodation and food services, professional, scientific and technical services, support services, education, human health and social work services, arts, entertainment and recreation, other services, import duties and value-added tax.

Table 4-3 Gross Domestic Product by Kind of Activity  
Growth Rates in Chained Volume Indexes (yoy)

Unit:%

Period	Economic Growth Rate	Agriculture, Forestry, Fishing and Animal Husbandry	Industry					Service								
			Mining and Quarrying	Manufacturing	Electricity and Gas Supply	Water Supply and Remediation Services	Construction	Wholesale and Retail Trade	Transportation and Storage	Information and Communication	Finance and Insurance	Real Estate and Ownership of Dwellings (1)	Public Administration and Defence ; Compulsory Social Security	Others (2)		
<b>2007</b>	<b>6.52</b>	<b>-0.02</b>	<b>11.07</b>	<b>-0.20</b>	<b>12.92</b>	<b>-7.29</b>	<b>10.66</b>	<b>1.06</b>	<b>4.62</b>	<b>5.89</b>	<b>4.96</b>	<b>2.57</b>	<b>7.20</b>	<b>6.41</b>	<b>-1.33</b>	<b>4.37</b>
<b>2008</b>	<b>0.70</b>	<b>0.02</b>	<b>-0.37</b>	<b>-9.20</b>	<b>0.42</b>	<b>-1.03</b>	<b>4.59</b>	<b>-9.12</b>	<b>0.41</b>	<b>0.84</b>	<b>-1.15</b>	<b>3.83</b>	<b>-3.58</b>	<b>1.52</b>	<b>0.97</b>	<b>0.46</b>
<b>2009</b>	<b>-1.57</b>	<b>-2.60</b>	<b>-2.86</b>	<b>-10.07</b>	<b>-2.51</b>	<b>26.63</b>	<b>1.24</b>	<b>-10.16</b>	<b>-1.02</b>	<b>-1.88</b>	<b>-4.99</b>	<b>2.61</b>	<b>-7.49</b>	<b>2.26</b>	<b>0.82</b>	<b>-0.13</b>
<b>2010</b>	<b>10.63</b>	<b>2.25</b>	<b>20.83</b>	<b>44.39</b>	<b>22.66</b>	<b>4.80</b>	<b>4.43</b>	<b>13.68</b>	<b>6.28</b>	<b>6.31</b>	<b>7.55</b>	<b>9.42</b>	<b>8.43</b>	<b>4.54</b>	<b>3.10</b>	<b>6.85</b>
<b>2011</b>	<b>3.80</b>	<b>4.52</b>	<b>5.98</b>	<b>-4.80</b>	<b>6.79</b>	<b>2.79</b>	<b>-1.73</b>	<b>0.99</b>	<b>3.07</b>	<b>3.74</b>	<b>2.10</b>	<b>3.56</b>	<b>4.22</b>	<b>1.68</b>	<b>0.03</b>	<b>3.96</b>
<b>2012</b>	<b>2.06</b>	<b>-3.20</b>	<b>3.29</b>	<b>-1.01</b>	<b>3.72</b>	<b>1.69</b>	<b>6.38</b>	<b>-1.39</b>	<b>1.27</b>	<b>1.10</b>	<b>1.83</b>	<b>3.05</b>	<b>1.09</b>	<b>1.81</b>	<b>0.70</b>	<b>1.11</b>
<b>2013</b>	<b>2.20</b>	<b>1.35</b>	<b>1.67</b>	<b>-4.18</b>	<b>1.70</b>	<b>3.12</b>	<b>2.26</b>	<b>0.93</b>	<b>2.29</b>	<b>1.61</b>	<b>7.64</b>	<b>3.39</b>	<b>4.00</b>	<b>2.95</b>	<b>-0.65</b>	<b>2.17</b>
<b>2014</b>	<b>4.02</b>	<b>1.55</b>	<b>7.23</b>	<b>-4.35</b>	<b>8.17</b>	<b>1.87</b>	<b>4.62</b>	<b>0.76</b>	<b>3.25</b>	<b>4.23</b>	<b>0.86</b>	<b>3.16</b>	<b>7.62</b>	<b>2.06</b>	<b>-0.24</b>	<b>3.10</b>
<b>2015</b>	<b>0.81</b>	<b>-8.42</b>	<b>-0.54</b>	<b>-6.59</b>	<b>-0.27</b>	<b>-5.36</b>	<b>0.08</b>	<b>-0.88</b>	<b>1.24</b>	<b>0.35</b>	<b>-0.56</b>	<b>5.44</b>	<b>3.79</b>	<b>2.02</b>	<b>0.05</b>	<b>0.83</b>
I	3.99	-3.71	6.16	0.98	7.45	-2.42	-0.37	-0.77	1.90	2.29	-0.03	3.83	3.43	2.31	0.22	1.51
II	0.71	-7.95	0.01	-5.69	0.42	-5.33	-0.63	-0.33	1.24	0.11	0.81	4.95	5.39	2.09	0.08	0.25
III	-0.64	-6.37	-3.13	-10.15	-3.22	-4.13	0.41	-1.49	0.36	-1.11	-2.83	6.20	-0.55	1.52	0.86	0.61
IV	-0.54	-13.86	-4.14	-10.39	-4.32	-8.37	0.81	-0.90	1.45	0.01	-0.23	6.68	7.25	2.15	-1.02	0.98
<b>2016</b>	<b>1.41</b>	<b>-10.09</b>	<b>2.78</b>	<b>-7.44</b>	<b>3.06</b>	<b>4.61</b>	<b>3.52</b>	<b>-1.69</b>	<b>1.34</b>	<b>0.72</b>	<b>3.44</b>	<b>3.75</b>	<b>2.28</b>	<b>0.84</b>	<b>0.09</b>	<b>1.47</b>
I	-0.30	-10.04	-2.10	-13.82	-2.10	0.07	0.69	-3.36	0.57	-1.61	-1.18	4.98	2.82	0.40	-0.02	1.57
II	1.01	-12.84	1.15	-3.37	0.93	15.88	2.33	-1.14	1.08	-0.67	2.06	4.18	2.21	1.43	0.12	1.74
III	2.04	-12.76	4.93	-2.67	5.62	3.69	4.95	-1.44	1.55	1.64	5.86	3.15	3.16	1.24	-0.12	0.87
IV	2.77	-5.29	6.75	-8.99	7.34	1.76	5.60	-0.59	2.12	3.44	7.14	2.80	0.90	0.34	0.41	1.72
<b>2017(r)</b>	<b>2.89</b>	<b>7.31</b>	<b>3.78</b>	<b>1.80</b>	<b>4.33</b>	<b>-0.11</b>	<b>3.09</b>	<b>-0.22</b>	<b>2.26</b>	<b>3.74</b>	<b>4.90</b>	<b>1.56</b>	<b>4.52</b>	<b>1.13</b>	<b>0.66</b>	<b>1.00</b>
I	2.64	4.04	5.49	3.27	6.66	-3.62	3.75	-0.90	2.24	3.59	6.94	1.63	3.89	1.48	0.88	0.74
II	2.28	7.99	2.88	-1.76	3.35	-1.22	3.90	-1.14	1.48	2.96	2.06	1.59	1.70	1.10	0.21	0.70
III	3.18	3.98	4.11	5.32	4.45	2.22	2.25	0.84	2.67	4.46	6.58	1.47	5.63	0.96	0.72	1.21
IV(r)	3.42	11.74	2.79	0.91	3.12	1.36	2.64	0.44	2.63	3.96	4.13	1.54	7.14	1.02	0.84	1.29
<b>2018</b>																
I (p)	3.02	2.36	3.39	1.15	3.44	3.06	2.76	2.31	3.05	4.33	6.65	2.08	7.13	0.96	0.97	1.78

Note : (1) Real Estate and Ownership of Dwellings consists of real estate development, operation, related activities and dwellings services. The dwellings services (including those rental and owner-occupied imputed) accounted for about 80% of total real estate and dwellings services.

(2) Include accommodation and food services, professional, scientific and technical services, support services, education, human health and social work services, arts, entertainment and recreation, other services, import duties and value-added tax.

Table 4-4 Gross Domestic Product by Kind of Activity  
Contributions to Economic Growth Rate

Unit: percentage points

Period	Economic Growth Rate	Agriculture, Forestry, Fishing and Animal Husbandry	Industry					Service								
			Mining and Quarrying	Manufacturing	Electricity and Gas Supply	Water Supply and Remediation Services	Construction	Wholesale and Retail Trade	Transportation and Storage	Information and Communication	Finance and Insurance	Real Estate and Ownership of Dwellings (1)	Public Administration and Defence ; Compulsory Social Security	Others (2)		
<b>2007</b>	<b>6.52</b>	<b>0.00</b>	<b>3.58</b>	<b>0.00</b>	<b>3.58</b>	<b>-0.10</b>	<b>0.07</b>	<b>0.03</b>	<b>3.05</b>	<b>1.02</b>	<b>0.16</b>	<b>0.09</b>	<b>0.51</b>	<b>0.53</b>	<b>-0.10</b>	<b>0.84</b>
<b>2008</b>	<b>0.70</b>	<b>0.00</b>	<b>-0.13</b>	<b>-0.02</b>	<b>0.12</b>	<b>-0.02</b>	<b>0.03</b>	<b>-0.24</b>	<b>0.28</b>	<b>0.15</b>	<b>-0.04</b>	<b>0.13</b>	<b>-0.26</b>	<b>0.13</b>	<b>0.07</b>	<b>0.10</b>
<b>2009</b>	<b>-1.57</b>	<b>-0.04</b>	<b>-0.89</b>	<b>-0.02</b>	<b>-0.69</b>	<b>0.09</b>	<b>0.01</b>	<b>-0.28</b>	<b>-0.69</b>	<b>-0.33</b>	<b>-0.15</b>	<b>0.09</b>	<b>-0.53</b>	<b>0.19</b>	<b>0.06</b>	<b>-0.02</b>
<b>2010</b>	<b>10.63</b>	<b>0.04</b>	<b>6.56</b>	<b>0.06</b>	<b>6.06</b>	<b>0.07</b>	<b>0.03</b>	<b>0.34</b>	<b>4.19</b>	<b>1.10</b>	<b>0.21</b>	<b>0.33</b>	<b>0.53</b>	<b>0.41</b>	<b>0.24</b>	<b>1.37</b>
<b>2011</b>	<b>3.80</b>	<b>0.07</b>	<b>2.03</b>	<b>-0.01</b>	<b>1.97</b>	<b>0.05</b>	<b>-0.01</b>	<b>0.03</b>	<b>1.98</b>	<b>0.63</b>	<b>0.06</b>	<b>0.12</b>	<b>0.26</b>	<b>0.14</b>	<b>0.00</b>	<b>0.77</b>
<b>2012</b>	<b>2.06</b>	<b>-0.05</b>	<b>1.07</b>	<b>0.00</b>	<b>1.07</b>	<b>0.00</b>	<b>0.04</b>	<b>-0.04</b>	<b>0.84</b>	<b>0.19</b>	<b>0.05</b>	<b>0.10</b>	<b>0.07</b>	<b>0.15</b>	<b>0.05</b>	<b>0.23</b>
<b>2013</b>	<b>2.20</b>	<b>0.02</b>	<b>0.55</b>	<b>0.00</b>	<b>0.48</b>	<b>0.03</b>	<b>0.02</b>	<b>0.02</b>	<b>1.50</b>	<b>0.27</b>	<b>0.22</b>	<b>0.11</b>	<b>0.26</b>	<b>0.25</b>	<b>-0.05</b>	<b>0.44</b>
<b>2014</b>	<b>4.02</b>	<b>0.03</b>	<b>2.40</b>	<b>0.00</b>	<b>2.35</b>	<b>0.00</b>	<b>0.03</b>	<b>0.02</b>	<b>2.12</b>	<b>0.72</b>	<b>0.02</b>	<b>0.10</b>	<b>0.49</b>	<b>0.17</b>	<b>-0.02</b>	<b>0.64</b>
<b>2015</b>	<b>0.81</b>	<b>-0.15</b>	<b>-0.21</b>	<b>-0.01</b>	<b>-0.08</b>	<b>-0.10</b>	<b>0.00</b>	<b>-0.02</b>	<b>0.80</b>	<b>0.06</b>	<b>-0.02</b>	<b>0.16</b>	<b>0.25</b>	<b>0.17</b>	<b>0.00</b>	<b>0.18</b>
I	3.99	-0.07	1.99	0.00	2.05	-0.04	0.00	-0.02	1.22	0.37	0.01	0.11	0.22	0.19	0.01	0.31
II	0.71	-0.14	0.02	-0.01	0.13	-0.09	0.00	-0.01	0.77	0.02	0.02	0.15	0.37	0.17	0.00	0.04
III	-0.64	-0.12	-1.12	-0.01	-1.00	-0.07	0.00	-0.04	0.24	-0.12	-0.08	0.18	-0.04	0.12	0.06	0.12
IV	-0.54	-0.26	-1.46	-0.01	-1.31	-0.12	0.01	-0.03	0.93	-0.01	-0.01	0.20	0.43	0.18	-0.06	0.20
<b>2016</b>	<b>1.41</b>	<b>-0.17</b>	<b>0.98</b>	<b>-0.01</b>	<b>0.92</b>	<b>0.09</b>	<b>0.02</b>	<b>-0.04</b>	<b>0.84</b>	<b>0.12</b>	<b>0.10</b>	<b>0.11</b>	<b>0.15</b>	<b>0.07</b>	<b>0.01</b>	<b>0.28</b>
I	-0.30	-0.16	-0.76	-0.01	-0.63	-0.04	0.01	-0.09	0.37	-0.28	-0.03	0.15	0.19	0.03	-0.01	0.32
II	1.01	-0.23	0.41	0.00	0.29	0.14	0.01	-0.03	0.68	-0.11	0.07	0.12	0.14	0.12	0.00	0.34
III	2.04	-0.20	1.82	0.00	1.78	0.05	0.03	-0.04	0.99	0.25	0.16	0.09	0.21	0.11	-0.01	0.18
IV	2.77	-0.09	2.31	-0.01	2.16	0.14	0.03	-0.01	1.35	0.58	0.21	0.08	0.07	0.02	0.04	0.35
<b>2017(r)</b>	<b>2.89</b>	<b>0.13</b>	<b>1.35</b>	<b>0.00</b>	<b>1.34</b>	<b>0.00</b>	<b>0.02</b>	<b>-0.01</b>	<b>1.41</b>	<b>0.60</b>	<b>0.14</b>	<b>0.05</b>	<b>0.30</b>	<b>0.09</b>	<b>0.04</b>	<b>0.19</b>
I	2.64	0.06	1.88	0.00	1.92	-0.03	0.02	-0.03	1.43	0.60	0.21	0.05	0.25	0.12	0.06	0.14
II	2.28	0.17	1.01	0.00	1.02	-0.01	0.03	-0.03	0.94	0.47	0.06	0.05	0.12	0.09	0.02	0.13
III	3.18	0.02	1.51	0.00	1.43	0.04	0.02	0.02	1.64	0.67	0.19	0.04	0.37	0.07	0.05	0.25
IV(r)	3.42	0.27	0.97	0.00	0.93	0.00	0.02	0.02	1.66	0.66	0.12	0.05	0.43	0.09	0.04	0.27
<b>2018</b>																
I (p)	3.02	0.05	1.16	0.00	1.02	0.06	0.01	0.07	1.98	0.74	0.21	0.06	0.46	0.08	0.07	0.36

Note : 1. Contributions of component X on s season at t year= $\{Px_{t-1}/P_{GDP_{t-1}} \times (rX_{t,s} - rX_{t-1,s}) / rGDP_{t-1,s} + (rX_{t-1,s} / rGDP_{t-1,s} - rX_{t-1} / rGDP_{t-1}) \times (Px_{t-1} / P_{GDP_{t-1}} - Px_{t-2} / P_{GDP_{t-2}})\} \times 100\%$ , where rX : Chained dollar of component X ; rGDP : real GDP(reference year = 2011) ; Px : Deflators of component X ; P<sub>GDP</sub> : Deflators of GDP.

2. (1) Real Estate and Ownership of Dwellings consists of real estate development, operation, related activities and dwellings services. The dwellings services (including those rental and owner-occupied imputed) accounted for about 80% of total real estate and dwellings services.

(2) Include accommodation and food services, professional, scientific and technical services, support services, education, human health and social work services, arts, entertainment and recreation, other services, import duties and value-added tax.

Table 5 Gross National Savings and Gross Domestic Investment

Period	Gross National Savings		Gross Domestic Investment		Difference between Savings and Investment			
	Amount	Percent of GNI (Savings Ratio)	Amount	Percent of GNI (Investment Ratio)	Amount	Percent of GNI	Percent of Gross National Savings	Percent of Gross Domestic Investment
	(Million NT\$)	(%)	(Million NT\$)	(%)	(Million NT\$)	(%)	(%)	(%)
<b>2007</b>	<b>4,322,467</b>	<b>31.46</b>	<b>3,221,482</b>	<b>23.45</b>	<b>1,100,985</b>	<b>8.01</b>	<b>25.47</b>	<b>34.18</b>
<b>2008</b>	<b>3,987,872</b>	<b>29.62</b>	<b>3,217,027</b>	<b>23.89</b>	<b>770,845</b>	<b>5.72</b>	<b>19.33</b>	<b>23.96</b>
<b>2009</b>	<b>3,918,237</b>	<b>29.29</b>	<b>2,580,249</b>	<b>19.29</b>	<b>1,337,988</b>	<b>10.00</b>	<b>34.15</b>	<b>51.85</b>
<b>2010</b>	<b>4,821,815</b>	<b>33.14</b>	<b>3,524,645</b>	<b>24.23</b>	<b>1,297,170</b>	<b>8.92</b>	<b>26.90</b>	<b>36.80</b>
<b>2011</b>	<b>4,624,899</b>	<b>31.46</b>	<b>3,382,866</b>	<b>23.01</b>	<b>1,242,033</b>	<b>8.45</b>	<b>26.86</b>	<b>36.72</b>
<b>2012</b>	<b>4,611,020</b>	<b>30.45</b>	<b>3,304,160</b>	<b>21.82</b>	<b>1,306,860</b>	<b>8.63</b>	<b>28.34</b>	<b>39.55</b>
<b>2013</b>	<b>5,008,844</b>	<b>32.00</b>	<b>3,360,196</b>	<b>21.46</b>	<b>1,648,648</b>	<b>10.53</b>	<b>32.91</b>	<b>49.06</b>
<b>2014</b>	<b>5,569,084</b>	<b>33.58</b>	<b>3,521,157</b>	<b>21.23</b>	<b>2,047,927</b>	<b>12.35</b>	<b>36.77</b>	<b>58.16</b>
<b>2015</b>	<b>6,033,122</b>	<b>34.87</b>	<b>3,513,112</b>	<b>20.31</b>	<b>2,520,010</b>	<b>14.57</b>	<b>41.77</b>	<b>71.73</b>
I	1,559,284	35.59	849,259	19.39	710,025	16.21	45.54	83.61
II	1,433,574	34.52	879,589	21.18	553,985	13.34	38.64	62.98
III	1,513,071	34.85	910,183	20.96	602,888	13.89	39.85	66.24
IV	1,527,193	34.50	874,081	19.75	653,112	14.75	42.77	74.72
<b>2016</b>	<b>6,066,728</b>	<b>34.31</b>	<b>3,569,704</b>	<b>20.19</b>	<b>2,497,024</b>	<b>14.12</b>	<b>41.16</b>	<b>69.95</b>
I	1,508,051	33.94	823,694	18.54	684,357	15.40	45.38	83.08
II	1,463,395	34.35	883,380	20.74	580,015	13.62	39.63	65.66
III	1,527,951	34.54	938,933	21.22	589,018	13.31	38.55	62.73
IV	1,567,331	34.41	923,697	20.28	643,634	14.13	41.07	69.68
<b>2017(r)</b>	<b>6,080,997</b>	<b>33.96</b>	<b>3,537,799</b>	<b>19.75</b>	<b>2,543,198</b>	<b>14.20</b>	<b>41.82</b>	<b>71.89</b>
I	1,490,019	33.57	888,069	20.01	601,950	13.56	40.40	67.78
II	1,411,779	33.10	883,876	20.72	527,903	12.38	37.39	59.73
III	1,528,521	33.95	871,207	19.35	657,314	14.60	43.00	75.45
IV(r)	1,650,678	35.10	894,647	19.02	756,031	16.07	45.80	84.51
<b>2018(f)</b>	<b>6,104,326</b>	<b>33.26</b>	<b>3,802,692</b>	<b>20.72</b>	<b>2,301,634</b>	<b>12.54</b>	<b>37.70</b>	<b>60.53</b>
I (p)	1,453,219	32.11	885,334	19.56	567,885	12.55	39.08	64.14
II (f)	1,400,711	31.96	916,215	20.91	484,496	11.06	34.59	52.88
III (f)	1,560,237	33.66	989,940	21.36	570,297	12.30	36.55	57.61
IV (f)	1,690,159	35.13	1,011,203	21.02	678,956	14.11	40.17	67.14

Table 6 Exports and Imports

Unit: Million US\$, %

Period	Exports and Imports of Goods and Services (National Accounts)					Custom Exports and Imports of Merchandise				
	Exports		Imports		Balance	Exports (FOB)		Imports (CIF)		Balance
	Amount	Annual Rate of Increase (%)	Amount	Annual Rate of Increase (%)		Amount	Annual Rate of Increase (%)	Amount	Annual Rate of Increase (%)	
<b>2007</b>	<b>285,147</b>	<b>11.42</b>	<b>251,844</b>	<b>8.14</b>	<b>33,303</b>	<b>248,792</b>	<b>10.13</b>	<b>223,115</b>	<b>8.08</b>	<b>25,677</b>
<b>2008</b>	<b>294,572</b>	<b>3.31</b>	<b>272,201</b>	<b>8.08</b>	<b>22,371</b>	<b>258,051</b>	<b>3.72</b>	<b>244,467</b>	<b>9.57</b>	<b>13,585</b>
<b>2009</b>	<b>237,630</b>	<b>-19.33</b>	<b>202,234</b>	<b>-25.70</b>	<b>35,396</b>	<b>205,663</b>	<b>-20.30</b>	<b>177,598</b>	<b>-27.35</b>	<b>28,065</b>
<b>2010</b>	<b>317,636</b>	<b>33.67</b>	<b>285,134</b>	<b>40.99</b>	<b>32,502</b>	<b>278,008</b>	<b>35.18</b>	<b>256,274</b>	<b>44.30</b>	<b>21,734</b>
<b>2011</b>	<b>355,243</b>	<b>11.84</b>	<b>321,424</b>	<b>12.73</b>	<b>33,819</b>	<b>312,923</b>	<b>12.56</b>	<b>288,062</b>	<b>12.40</b>	<b>24,861</b>
<b>2012</b>	<b>350,094</b>	<b>-1.45</b>	<b>311,967</b>	<b>-2.94</b>	<b>38,127</b>	<b>306,409</b>	<b>-2.08</b>	<b>277,324</b>	<b>-3.73</b>	<b>29,085</b>
<b>2013</b>	<b>357,353</b>	<b>2.07</b>	<b>309,787</b>	<b>-0.70</b>	<b>47,566</b>	<b>311,428</b>	<b>1.64</b>	<b>278,010</b>	<b>0.25</b>	<b>33,418</b>
<b>2014</b>	<b>372,013</b>	<b>4.10</b>	<b>317,229</b>	<b>2.40</b>	<b>54,784</b>	<b>320,092</b>	<b>2.78</b>	<b>281,850</b>	<b>1.38</b>	<b>38,242</b>
<b>2015</b>	<b>340,040</b>	<b>-8.59</b>	<b>272,110</b>	<b>-14.22</b>	<b>67,930</b>	<b>285,344</b>	<b>-10.86</b>	<b>237,219</b>	<b>-15.83</b>	<b>48,124</b>
I	84,887	-1.58	67,052	-13.18	17,835	71,305	-4.52	58,729	-14.57	12,575
II	86,339	-8.34	70,711	-12.06	15,628	73,211	-10.48	61,481	-15.07	11,730
III	84,696	-11.72	68,192	-17.37	16,504	71,224	-13.99	59,435	-18.50	11,789
IV	84,118	-12.04	66,155	-14.16	17,963	69,604	-13.87	57,574	-15.05	12,030
<b>2016</b>	<b>334,238</b>	<b>-1.71</b>	<b>269,589</b>	<b>-0.93</b>	<b>64,649</b>	<b>280,321</b>	<b>-1.76</b>	<b>230,568</b>	<b>-2.80</b>	<b>49,753</b>
I	75,868	-10.62	59,859	-10.73	16,009	62,656	-12.13	50,416	-14.16	12,240
II	80,702	-6.53	65,945	-6.74	14,757	68,629	-6.26	56,759	-7.68	11,870
III	84,691	-0.01	69,654	2.14	15,037	71,274	0.07	59,227	-0.35	12,048
IV	92,977	10.53	74,131	12.06	18,846	77,762	11.72	64,167	11.45	13,596
<b>2017(r)</b>	<b>373,140</b>	<b>11.64</b>	<b>300,918</b>	<b>11.62</b>	<b>72,222</b>	<b>317,249</b>	<b>13.17</b>	<b>259,266</b>	<b>12.45</b>	<b>57,983</b>
I (r)	85,641	12.88	70,222	17.31	15,419	72,080	15.04	61,245	21.48	10,835
II (r)	88,598	9.78	73,757	11.85	14,841	75,613	10.18	63,535	11.94	12,078
III (r)	97,410	15.02	77,519	11.29	19,891	83,711	17.45	65,920	11.30	17,790
IV (r)	101,491	9.16	79,420	7.13	22,071	85,845	10.39	68,566	6.86	17,279
<b>2018(f)</b>	<b>397,851</b>	<b>6.62</b>	<b>332,078</b>	<b>10.35</b>	<b>65,773</b>	<b>337,422</b>	<b>6.36</b>	<b>284,292</b>	<b>9.65</b>	<b>53,130</b>
I (p)	94,144	9.93	79,157	12.72	14,987	79,733	10.62	67,968	10.98	11,765
II (f)	97,174	9.68	82,308	11.59	14,866	83,441	10.35	70,891	11.58	12,550
III (f)	102,335	5.06	85,683	10.53	16,652	86,770	3.65	72,212	9.54	14,558
IV (f)	104,198	2.67	84,930	6.94	19,268	87,478	1.90	73,221	6.79	14,257

Table 7-1 Expenditures on GDP, Seasonally Adjusted  
Chained dollars (Reference year = 2011)

Unit: Million NT\$

Period	Real GDP							
	Domestic Demand					Demand of Rest of the World		
		Private Final Consumption	Government Final Consumption	Gross Capital Formation		Exports of Goods and Services	Imports of Goods and Services	
<b>2014</b>								
I	3,820,078	3,521,413	2,069,985	570,329	881,464	297,978	2,783,456	2,485,478
II	3,867,558	3,523,264	2,090,988	563,921	868,466	345,247	2,850,776	2,505,529
III	3,911,134	3,574,514	2,115,775	568,934	890,132	336,329	2,913,948	2,577,619
IV	3,930,836	3,596,215	2,128,834	574,386	893,261	334,405	2,914,749	2,580,344
<b>2015</b>								
I	3,956,043	3,578,453	2,139,434	562,963	876,065	380,027	2,939,007	2,558,980
II	3,901,943	3,655,967	2,166,855	569,918	919,850	241,506	2,829,679	2,588,173
III	3,897,866	3,613,239	2,143,072	568,716	901,885	283,151	2,825,288	2,542,137
IV	3,898,983	3,639,475	2,177,558	573,601	888,249	256,125	2,826,229	2,570,104
<b>2016</b>								
I	3,929,977	3,654,398	2,195,205	602,412	854,857	276,839	2,813,961	2,537,122
II	3,947,700	3,693,882	2,202,860	582,924	908,099	247,406	2,851,535	2,604,129
III	3,986,086	3,715,430	2,203,987	587,582	924,218	261,663	2,923,187	2,661,524
IV	4,011,872	3,746,431	2,224,889	587,000	935,099	241,449	3,052,173	2,810,724
<b>2017</b>								
I (r)	4,031,202	3,722,125	2,233,849	562,432	926,849	299,075	3,030,028	2,730,953
II (r)	4,058,413	3,763,043	2,250,133	591,648	921,206	284,127	3,030,075	2,745,948
III (r)	4,098,390	3,701,614	2,267,919	594,704	836,085	388,556	3,219,253	2,830,697
IV (r)	4,147,147	3,763,172	2,285,068	584,063	893,108	374,938	3,230,460	2,855,522
<b>2018</b>								
I (p)	4,155,318	3,807,625	2,296,621	598,958	911,184	331,509	3,231,765	2,900,256
II (f)	4,177,379	3,830,214	2,309,416	590,690	930,007	334,986	3,205,020	2,870,034
III (f)	4,188,522	3,882,169	2,322,916	593,967	966,094	281,081	3,241,716	2,960,635
IV (f)	4,238,527	3,939,048	2,336,324	595,076	1,009,650	274,695	3,249,076	2,974,381

Note : The chained-dollar (reference year=2011) estimates are not additive.



Table 7-2 Expenditures on GDP, Seasonally Adjusted  
Growth Rates

Unit: %

Period	Growth Rate (saar)	Domestic Demand			Demand of Rest of the World				
			Private Final Consumption	Government Final Consumption	Gross Capital Formation		Exports of Goods and Services	Imports of Goods and Services	
<b>2014</b>									
I	2.37	4.01	0.56	17.32	4.40	--	5.03	7.96	
II	5.07	0.21	4.12	-4.42	-5.77	--	10.03	3.27	
III	4.58	5.95	4.83	3.60	10.36	--	9.16	12.02	
IV	2.03	2.45	2.49	3.89	1.41	--	0.11	0.42	
<b>2015</b>									
I	2.59	-1.96	2.01	-7.72	-7.48	--	3.37	-3.27	
II	-5.36	8.95	5.23	5.03	21.54	--	-14.07	4.64	
III	-0.42	-4.59	-4.32	-0.84	-7.59	--	-0.62	-6.93	
IV	0.11	2.94	6.59	3.48	-5.91	--	0.13	4.47	
<b>2016</b>									
I	3.22	1.65	3.28	21.66	-14.21	--	-1.73	-5.04	
II	1.82	4.39	1.40	-12.33	27.34	--	5.45	10.99	
III	3.95	2.35	0.20	3.23	7.29	--	10.44	9.11	
IV	2.61	3.38	3.85	-0.40	4.79	--	18.85	24.38	
<b>2017</b>									
I (r)	1.94	-2.57	1.62	-15.72	-3.48	--	-2.87	-10.88	
II (r)	2.73	4.47	2.95	22.45	-2.41	--	0.01	2.21	
III (r)	4.00	-6.37	3.20	2.08	-32.15	--	27.41	12.93	
IV (r)	4.84	6.82	3.06	-6.97	30.20	--	1.40	3.55	
<b>2018</b>									
I (p)	0.79	4.81	2.04	10.60	8.34	--	0.16	6.42	
II (f)	2.14	2.39	2.25	-5.41	8.52	--	-3.27	-4.10	
III (f)	1.07	5.54	2.36	2.24	16.45	--	4.66	13.24	
IV (f)	4.86	5.99	2.33	0.75	19.29	--	0.91	1.87	

Table 8 Indicators for Private Final Consumption Expenditure

Unit:%

Period	Trade and Eating-Drinking places Activity Surveys			Production Indexes of Domestic Consumer Goods Annual Rate	Stock Trading on TSEC and GTSM Market Annual Rate	Number of New Registered Automobile Annual Rate	Outbound Departure of Nationals of the R.O.C Annual Rate	Retail Sales Volume of Credit Cards Annual Rate	People Aged 65 and above as the Percentage of Total Population (End of Period)
	Annual Rate of the Sales of Retail Trade	Annual Rate of Non-specialized Retail Sales	Annual rate of the Sales of Eating-Drinking places						
<b>2009</b>	<b>1.5</b>	<b>2.2</b>	<b>0.5</b>	<b>-8.5</b>	<b>18.8</b>	<b>28.3</b>	<b>-3.8</b>	<b>-2.1</b>	<b>10.63</b>
<b>2010</b>	<b>6.3</b>	<b>7.0</b>	<b>7.6</b>	<b>25.0</b>	<b>-3.1</b>	<b>11.3</b>	<b>15.6</b>	<b>12.7</b>	<b>10.74</b>
<b>2011</b>	<b>6.3</b>	<b>6.6</b>	<b>8.4</b>	<b>14.9</b>	<b>-10.8</b>	<b>15.5</b>	<b>1.8</b>	<b>8.5</b>	<b>10.89</b>
<b>2012</b>	<b>2.4</b>	<b>5.1</b>	<b>3.6</b>	<b>-7.0</b>	<b>-23.2</b>	<b>-3.3</b>	<b>6.8</b>	<b>5.6</b>	<b>11.15</b>
<b>2013</b>	<b>2.0</b>	<b>2.9</b>	<b>1.6</b>	<b>0.0</b>	<b>-0.9</b>	<b>3.4</b>	<b>7.9</b>	<b>8.5</b>	<b>11.53</b>
<b>2014</b>	<b>3.9</b>	<b>5.1</b>	<b>3.1</b>	<b>2.8</b>	<b>23.0</b>	<b>12.0</b>	<b>7.2</b>	<b>8.1</b>	<b>11.99</b>
<b>2015</b>	<b>0.3</b>	<b>4.0</b>	<b>2.7</b>	<b>-1.3</b>	<b>-8.4</b>	<b>-0.7</b>	<b>11.3</b>	<b>7.9</b>	<b>12.51</b>
<b>2016</b>	<b>1.9</b>	<b>4.7</b>	<b>3.6</b>	<b>1.8</b>	<b>-15.7</b>	<b>4.5</b>	<b>10.7</b>	<b>8.5</b>	<b>13.20</b>
I	2.8	7.0	3.2	-2.7	-3.7	-0.2	13.7	10.5	12.69
II	1.2	4.0	2.5	1.6	-22.8	4.7	10.5	9.3	12.83
III	1.9	4.6	3.4	1.9	-9.3	6.8	11.9	8.1	12.99
IV	1.7	3.2	5.4	6.1	-25.0	6.7	6.6	6.6	13.20
<b>2017</b>	<b>1.2</b>	<b>2.1</b>	<b>2.9</b>	<b>3.4</b>	<b>45.1</b>	<b>1.1</b>	<b>7.3</b>	<b>8.3</b>	<b>13.86</b>
I	-0.6	-0.8	2.8	11.0	8.6	1.0	6.6	7.9	13.39
II	-0.4	2.1	2.6	6.9	26.3	-5.3	7.0	7.1	13.52
III	2.0	1.3	2.7	2.0	57.3	7.8	4.3	9.9	13.66
IV	3.6	5.3	3.7	-4.8	93.0	1.9	11.7	8.3	13.86
<b>2018</b>									
I	4.8	5.5	4.0	-4.7	46.7	6.0	7.6	12.8	14.05
Jan.	-4.2	-10.6	-11.0	7.2	177.4	5.5	5.3	23.5	13.93
Feb.	15.7	26.4	19.1	-15.6	-9.7	11.4	3.5	7.1	13.99
Mar.	5.2	5.4	6.9	-6.5	29.8	3.2	14.2	7.8	14.05

Sources: Ministry of Economic Affairs, Ministry of Transportation and Communications, Banking Bureau and Securities and Futures Bureau, Financial Supervisory Commission, Ministry of Interior.

Table 9 Indicators for Private Gross Fixed Capital Formation

Period	Production Index of Manufacturing Investment Goods Annual Rate (%)	Total Floor Area of Construction Commencement Annual Rate (%)	Import of Capital Goods				Loans for Construction Annual Rate (%)
			NT dollars (NT\$100 Million)		US dollars (US\$100 Million)		
				Annual Rate (%)		Annual Rate (%)	
<b>2009</b>	<b>-17.3</b>	<b>—</b>	<b>7,813</b>	<b>-20.2</b>	<b>237</b>	<b>-24.0</b>	<b>-3.7</b>
<b>2010</b>	<b>29.3</b>	<b>34.5</b>	<b>12,345</b>	<b>58.0</b>	<b>391</b>	<b>65.1</b>	<b>23.0</b>
<b>2011</b>	<b>10.0</b>	<b>9.2</b>	<b>11,009</b>	<b>-10.8</b>	<b>375</b>	<b>-4.2</b>	<b>10.5</b>
<b>2012</b>	<b>-2.4</b>	<b>6.4</b>	<b>10,338</b>	<b>-6.1</b>	<b>349</b>	<b>-6.9</b>	<b>7.3</b>
<b>2013</b>	<b>0.0</b>	<b>6.7</b>	<b>10,893</b>	<b>5.4</b>	<b>367</b>	<b>5.2</b>	<b>1.8</b>
<b>2014</b>	<b>6.9</b>	<b>9.3</b>	<b>11,641</b>	<b>6.9</b>	<b>385</b>	<b>4.7</b>	<b>8.7</b>
<b>2015</b>	<b>1.3</b>	<b>-19.1</b>	<b>12,054</b>	<b>3.5</b>	<b>381</b>	<b>-1.1</b>	<b>-1.0</b>
<b>2016</b>	<b>-2.7</b>	<b>-17.9</b>	<b>13,738</b>	<b>14.0</b>	<b>427</b>	<b>12.1</b>	<b>2.5</b>
I	-3.6	-16.8	2,903	8.7	88	3.7	-0.9
II	-2.1	-21.6	3,401	13.6	105	8.0	-2.8
III	-5.2	-19.3	3,527	7.1	111	6.5	-1.8
IV	-0.2	-14.0	3,907	26.2	123	29.8	2.5
<b>2017</b>	<b>5.2</b>	<b>11.6</b>	<b>12,942</b>	<b>-5.8</b>	<b>425</b>	<b>-0.4</b>	<b>5.5</b>
I	4.4	-12.5	3,296	13.5	105	20.3	2.1
II	-0.2	15.6	3,133	-7.9	104	-1.1	3.4
III	10.8	30.7	3,056	-13.3	101	-8.8	4.1
IV	5.9	17.3	3,457	-11.5	115	-7.0	5.5
<b>2018</b>							
I	5.7	6.8	3,094	-6.1	105	-0.2	4.5
Jan.	17.2	44.9	1,158	2.8	39	10.5	5.0
Feb.	-6.7	10.7	814	-19.4	28	-14.4	4.6
Mar.	5.5	-18.0	1,123	-3.2	38	2.0	4.5

Sources: Ministry of Economic Affairs, Ministry of Interior, Ministry of Finance, Central Bank.

Table 10 Economic Growth Rates of Major Countries

Unit: %

Period	ROC(Taiwan)		US*		Japan		EU*			China		HK	South Korea		Singapore		
	yoy	saar	yoy(1)	saar	yoy	saar	(1)	Germany	France	UK	yoy	saar		yoy	saar	yoy	saar
<b>2009</b>	<b>-1.57</b>	—	<b>-2.8</b>	—	<b>-5.4</b>	—	<b>-4.3</b>	<b>-5.6</b>	<b>-2.9</b>	<b>-4.2</b>	<b>9.4</b>	—	<b>-2.5</b>	<b>0.7</b>	—	<b>-0.6</b>	—
<b>2010</b>	<b>10.63</b>	—	<b>2.5</b>	—	<b>4.2</b>	—	<b>2.1</b>	<b>4.1</b>	<b>2.0</b>	<b>1.7</b>	<b>10.6</b>	—	<b>6.8</b>	<b>6.5</b>	—	<b>15.2</b>	—
<b>2011</b>	<b>3.80</b>	—	<b>1.6</b>	—	<b>-0.1</b>	—	<b>1.7</b>	<b>3.7</b>	<b>2.1</b>	<b>1.5</b>	<b>9.5</b>	—	<b>4.8</b>	<b>3.7</b>	—	<b>6.4</b>	—
<b>2012</b>	<b>2.06</b>	—	<b>2.2</b>	—	<b>1.5</b>	—	<b>-0.4</b>	<b>0.5</b>	<b>0.2</b>	<b>1.5</b>	<b>7.9</b>	—	<b>1.7</b>	<b>2.3</b>	—	<b>4.1</b>	—
<b>2013</b>	<b>2.20</b>	—	<b>1.7</b>	—	<b>2.0</b>	—	<b>0.3</b>	<b>0.5</b>	<b>0.6</b>	<b>2.1</b>	<b>7.8</b>	—	<b>3.1</b>	<b>2.9</b>	—	<b>5.1</b>	—
<b>2014</b>	<b>4.02</b>	—	<b>2.6</b>	—	<b>0.4</b>	—	<b>1.8</b>	<b>1.9</b>	<b>0.9</b>	<b>3.1</b>	<b>7.3</b>	—	<b>2.8</b>	<b>3.3</b>	—	<b>3.9</b>	—
<b>2015</b>	<b>0.81</b>	—	<b>2.9</b>	—	<b>1.4</b>	—	<b>2.3</b>	<b>1.7</b>	<b>1.1</b>	<b>2.3</b>	<b>6.9</b>	—	<b>2.4</b>	<b>2.8</b>	—	<b>2.2</b>	—
<b>2016</b>	<b>1.41</b>	—	<b>1.5</b>	—	<b>1.0</b>	—	<b>2.0</b>	<b>1.9</b>	<b>1.2</b>	<b>1.9</b>	<b>6.7</b>	—	<b>2.2</b>	<b>2.9</b>	—	<b>2.4</b>	—
I	-0.30	3.22	1.4	0.6	0.6	3.3	1.9	1.8	1.2	1.9	6.7	5.3	1.1	3.0	2.4	2.1	2.9
II	1.01	1.82	1.2	2.2	0.8	1.1	1.9	1.9	1.2	1.8	6.7	8.2	1.8	3.5	3.2	2.0	1.5
III	2.04	3.95	1.5	2.8	0.9	0.7	1.9	1.9	0.9	2.0	6.7	7.4	2.2	2.7	1.6	1.7	0.8
IV	2.77	2.61	1.8	1.8	1.5	0.9	2.1	1.9	1.2	2.0	6.8	6.6	3.4	2.6	2.8	3.7	9.7
<b>2017</b>	<b>2.89</b>	—	<b>2.3</b>	—	<b>1.7</b>	—	<b>2.4</b>	<b>2.2</b>	<b>1.8</b>	<b>1.8</b>	<b>6.9</b>	—	<b>3.8</b>	<b>3.1</b>	—	<b>3.6</b>	—
I	2.64	1.94	2.0	1.2	1.4	2.6	2.2	2.1	1.2	2.1	6.9	6.1	4.4	2.9	4.1	2.5	-1.5
II	2.28	2.73	2.2	3.1	1.5	2.0	2.5	2.3	2.0	1.9	6.9	7.4	3.9	2.8	2.4	2.8	2.8
III	3.18	4.00	2.3	3.2	1.9	2.0	2.7	2.7	2.3	1.8	6.8	7.4	3.6	3.8	5.7	5.5	11.2
IV	3.42	4.84	2.6	2.9	1.8	0.6	2.7	2.9	2.6	1.4	6.8	6.6	3.4	2.8	-0.8	3.6	2.1
<b>2018</b>																	
I	3.02	0.79	2.9	2.3	0.9	-0.6	2.4	2.3	2.1	1.2	6.8	5.7	4.7	2.8	4.5	4.4	1.7

Source: Eurostat and official websites.

Note : 1.yoy (year on year) means the growth rates to the correspondent quarter of previous year; saar (seasonally adjusted annualized rate) means the annualized growth rate of seasonally adjusted value compared to the previous quarter.

2.\*Seasonal adjusted annualized rate (quarter on quarter).

Table 11 The Changes of Consumer Price Indices for Major Countries

Unit:%

Period	ROC(Taiwan)		US		Japan		China		South Korea		Singapore		HK		Indonesia		Germany		Philippines	
		Food		Food		Food		Food		Food		Food		Food		Food		Food		Food
<b>2009</b>	<b>-0.87</b>	<b>-0.45</b>	<b>-0.4</b>	<b>1.8</b>	<b>-1.4</b>	<b>0.2</b>	<b>-0.7</b>	<b>0.7</b>	<b>2.8</b>	<b>7.6</b>	<b>0.6</b>	<b>2.3</b>	<b>0.6</b>	<b>1.3</b>	<b>4.4</b>	<b>7.2</b>	<b>0.3</b>	<b>-1.3</b>	<b>4.2</b>	<b>...</b>
<b>2010</b>	<b>0.97</b>	<b>0.62</b>	<b>1.6</b>	<b>0.8</b>	<b>-0.7</b>	<b>-0.3</b>	<b>3.2</b>	<b>7.2</b>	<b>2.9</b>	<b>6.4</b>	<b>2.8</b>	<b>1.4</b>	<b>2.3</b>	<b>2.4</b>	<b>5.1</b>	<b>9.4</b>	<b>1.1</b>	<b>1.2</b>	<b>3.8</b>	<b>...</b>
<b>2011</b>	<b>1.42</b>	<b>2.26</b>	<b>3.2</b>	<b>3.7</b>	<b>-0.3</b>	<b>-0.4</b>	<b>5.6</b>	<b>11.8</b>	<b>4.0</b>	<b>8.1</b>	<b>5.2</b>	<b>3.0</b>	<b>5.3</b>	<b>7.0</b>	<b>5.4</b>	<b>8.7</b>	<b>2.1</b>	<b>2.8</b>	<b>4.7</b>	<b>...</b>
<b>2012</b>	<b>1.93</b>	<b>4.17</b>	<b>2.1</b>	<b>2.6</b>	<b>-0.1</b>	<b>0.1</b>	<b>2.6</b>	<b>4.8</b>	<b>2.2</b>	<b>4.0</b>	<b>4.6</b>	<b>2.3</b>	<b>4.1</b>	<b>5.8</b>	<b>4.3</b>	<b>5.9</b>	<b>2.0</b>	<b>3.4</b>	<b>3.2</b>	<b>...</b>
<b>2013</b>	<b>0.79</b>	<b>1.25</b>	<b>1.5</b>	<b>1.4</b>	<b>0.3</b>	<b>-0.1</b>	<b>2.6</b>	<b>4.7</b>	<b>1.3</b>	<b>0.9</b>	<b>2.4</b>	<b>2.1</b>	<b>4.3</b>	<b>4.4</b>	<b>6.4</b>	<b>11.9</b>	<b>1.5</b>	<b>3.9</b>	<b>2.9</b>	<b>2.5</b>
<b>2014</b>	<b>1.20</b>	<b>3.75</b>	<b>1.6</b>	<b>2.4</b>	<b>2.8</b>	<b>3.8</b>	<b>1.9</b>	<b>3.1</b>	<b>1.3</b>	<b>0.3</b>	<b>1.0</b>	<b>2.9</b>	<b>4.4</b>	<b>4.1</b>	<b>6.4</b>	<b>6.8</b>	<b>0.9</b>	<b>1.0</b>	<b>4.2</b>	<b>5.9</b>
<b>2015</b>	<b>-0.30</b>	<b>3.13</b>	<b>0.1</b>	<b>1.9</b>	<b>0.8</b>	<b>3.1</b>	<b>1.4</b>	<b>2.3</b>	<b>0.7</b>	<b>1.6</b>	<b>-0.5</b>	<b>1.9</b>	<b>3.0</b>	<b>4.0</b>	<b>6.4</b>	<b>7.2</b>	<b>0.2</b>	<b>0.7</b>	<b>1.4</b>	<b>1.8</b>
<b>2016</b>	<b>1.39</b>	<b>5.23</b>	<b>1.3</b>	<b>0.3</b>	<b>-0.1</b>	<b>1.7</b>	<b>2.0</b>	<b>3.8</b>	<b>1.0</b>	<b>2.3</b>	<b>-0.5</b>	<b>2.1</b>	<b>2.4</b>	<b>3.4</b>	<b>3.5</b>	<b>7.2</b>	<b>0.5</b>	<b>0.8</b>	<b>1.8</b>	<b>1.6</b>
<b>2017</b>	<b>0.62</b>	<b>-0.37</b>	<b>2.1</b>	<b>0.9</b>	<b>0.5</b>	<b>0.7</b>	<b>1.6</b>	<b>-0.4</b>	<b>1.9</b>	<b>3.4</b>	<b>0.6</b>	<b>1.4</b>	<b>1.5</b>	<b>2.2</b>	<b>3.8</b>	<b>2.1</b>	<b>1.7</b>	<b>2.8</b>	<b>3.2</b>	<b>3.0</b>
Apr.	0.10	-2.41	2.2	0.5	0.4	0.9	1.2	-1.8	1.9	2.6	0.4	1.3	2.1	1.9	4.2	2.8	2.0	1.7	3.4	3.4
May	0.59	-0.04	1.9	0.9	0.4	0.8	1.7	-0.5	2.0	3.4	1.4	1.5	2.0	2.4	4.3	3.4	1.5	2.3	3.1	3.1
Jun.	1.00	2.19	1.6	0.9	0.3	0.8	1.7	-0.2	1.9	4.6	0.5	1.4	2.0	2.5	4.4	2.4	1.6	2.6	2.7	3.0
Jul.	0.77	1.22	1.7	1.1	0.5	0.6	1.4	-0.7	2.2	5.6	0.6	1.4	1.9	2.5	3.9	1.5	1.7	2.6	2.8	2.8
Aug.	0.96	1.35	1.9	1.1	0.6	0.9	1.8	0.4	2.6	7.4	0.4	1.2	1.9	2.4	3.8	1.5	1.8	2.8	3.1	2.9
Sep.	0.49	-0.20	2.2	1.2	0.7	1.0	1.7	-0.4	2.1	3.3	0.4	1.2	1.5	2.4	3.7	1.0	1.8	3.2	3.4	3.3
Oct.	-0.33	-3.86	2.0	1.3	0.2	-1.3	1.9	0.3	1.8	1.7	0.4	1.5	1.5	2.9	3.6	0.8	1.6	3.8	3.5	3.2
Nov.	0.34	-2.68	2.2	1.4	0.5	-0.1	1.8	-0.2	1.3	0.5	0.6	1.5	1.5	2.3	3.3	-0.5	1.8	2.8	3.3	3.0
Dec.	1.22	0.06	2.1	1.6	1.1	1.8	1.9	0.3	1.5	0.2	0.4	1.4	1.7	2.4	3.6	1.3	1.7	2.9	3.3	3.5
<b>2018</b>	<b>1.65</b>	<b>1.44</b>	<b>2.3</b>	<b>1.4</b>	<b>1.1</b>	<b>2.2</b>	<b>2.1</b>	<b>1.7</b>	<b>1.4</b>	<b>1.6</b>	<b>0.2</b>	<b>1.3</b>	<b>2.3</b>	<b>3.3</b>	<b>3.3</b>	<b>3.9</b>	<b>1.5</b>	<b>2.5</b>	<b>4.0</b>	<b>5.2</b>
Jan.	0.89	0.82	2.1	1.7	1.3	3.2	1.4	0.2	1.0	-0.3	0.0	1.1	1.6	2.3	3.3	3.0	1.6	2.9	4.0	4.4
Feb.	2.19	0.96	2.2	1.4	1.5	3.0	2.9	3.6	1.4	2.2	0.5	1.5	3.1	3.9	3.2	3.4	1.4	1.1	4.5	4.8
Mar.	1.58	1.32	2.4	1.3	1.1	1.9	2.1	2.0	1.3	1.5	0.2	1.4	2.6	3.7	3.4	4.2	1.6	2.8	4.3	5.9
Apr.	1.98	2.69	2.5	1.4	0.6	0.7	1.8	1.1	1.6	2.9	0.1	1.4	1.9	3.5	3.4	5.2	1.6	3.3	4.5	5.9

Source : International Financial Statistics (IMF) and official websites.

Note : 1. The CPIs of Taiwan source from official websites, others source from IMF.

2. Change rates of food source from official websites.

Table 12 Summary of Earning and Productivity Statistics in Taiwan Area

Year and month	Employees on payrolls			Industry & services											
	Industry & services (Thousand person)	Industry (Thousand person)	Services (Thousand person)	Accessions		Separations		Monthly working hours of each employee			Total monthly earnings of each employee				
				(Thousand person)	(% )	(Thousand person)	(% )	(hour)	Overtime		(NT\$)	Regular earnings		Overtime pay	
									(hour)	Changes (hour)		(NT\$)	Annual growth rate (%)	(NT\$)	Annual growth rate (%)
<b>2009</b>	<b>6,466</b>	<b>2,873</b>	<b>3,593</b>	<b>145</b>	<b>2.25</b>	<b>148</b>	<b>2.28</b>	<b>176.7</b>	<b>6.3</b>	<b>-1.9</b>	<b>42,182</b>	<b>35,629</b>	<b>-2.08</b>	<b>1,037</b>	<b>-23.13</b>
<b>2010</b>	<b>6,691</b>	<b>2,990</b>	<b>3,701</b>	<b>189</b>	<b>2.83</b>	<b>167</b>	<b>2.50</b>	<b>181.1</b>	<b>8.8</b>	<b>2.5</b>	<b>44,359</b>	<b>36,214</b>	<b>1.64</b>	<b>1,442</b>	<b>39.05</b>
<b>2011</b>	<b>6,926</b>	<b>3,097</b>	<b>3,829</b>	<b>181</b>	<b>2.61</b>	<b>165</b>	<b>2.38</b>	<b>178.7</b>	<b>8.4</b>	<b>-0.4</b>	<b>45,508</b>	<b>36,689</b>	<b>1.31</b>	<b>1,414</b>	<b>-1.94</b>
<b>2012</b>	<b>7,049</b>	<b>3,129</b>	<b>3,919</b>	<b>160</b>	<b>2.27</b>	<b>153</b>	<b>2.18</b>	<b>178.4</b>	<b>8.0</b>	<b>-0.4</b>	<b>45,589</b>	<b>37,151</b>	<b>1.26</b>	<b>1,389</b>	<b>-1.77</b>
<b>2013</b>	<b>7,138</b>	<b>3,152</b>	<b>3,986</b>	<b>167</b>	<b>2.34</b>	<b>158</b>	<b>2.21</b>	<b>177.0</b>	<b>8.4</b>	<b>0.4</b>	<b>45,664</b>	<b>37,527</b>	<b>1.01</b>	<b>1,494</b>	<b>7.56</b>
<b>2014</b>	<b>7,275</b>	<b>3,207</b>	<b>4,068</b>	<b>182</b>	<b>2.51</b>	<b>171</b>	<b>2.35</b>	<b>177.9</b>	<b>8.6</b>	<b>0.2</b>	<b>47,300</b>	<b>38,208</b>	<b>1.81</b>	<b>1,544</b>	<b>3.35</b>
<b>2015</b>	<b>7,385</b>	<b>3,239</b>	<b>4,147</b>	<b>171</b>	<b>2.33</b>	<b>165</b>	<b>2.23</b>	<b>175.3</b>	<b>8.3</b>	<b>-0.3</b>	<b>48,490</b>	<b>38,716</b>	<b>1.33</b>	<b>1,548</b>	<b>0.26</b>
<b>2016</b>	<b>7,449</b>	<b>3,246</b>	<b>4,204</b>	<b>168</b>	<b>2.27</b>	<b>163</b>	<b>2.18</b>	<b>169.5</b>	<b>8.5</b>	<b>0.2</b>	<b>48,790</b>	<b>39,238</b>	<b>1.35</b>	<b>1,642</b>	<b>6.07</b>
<b>2017</b>	<b>7,560</b>	<b>3,285</b>	<b>4,275</b>	<b>181</b>	<b>2.39</b>	<b>169</b>	<b>2.24</b>	<b>169.6</b>	<b>8.0</b>	<b>-0.5</b>	<b>49,989</b>	<b>39,953</b>	<b>1.82</b>	<b>1,709</b>	<b>4.08</b>
Mar.	7,509	3,266	4,243	201	2.67	185	2.46	185.1	8.0	-0.1	44,144	39,781	1.46	1,693	6.41
Apr.	7,517	3,269	4,248	176	2.34	168	2.23	153.9	8.1	-0.4	44,359	39,826	1.49	1,719	5.27
May	7,525	3,271	4,254	165	2.19	156	2.07	168.0	8.1	-0.4	48,848	39,883	1.59	1,731	6.52
Jun.	7,540	3,279	4,261	176	2.33	161	2.14	182.6	7.8	-0.4	44,746	39,866	1.83	1,689	6.83
Jul.	7,587	3,300	4,287	240	3.18	193	2.56	171.0	7.8	-0.7	48,333	39,878	1.72	1,678	2.76
Aug.	7,597	3,302	4,296	214	2.82	203	2.68	184.2	7.9	-0.4	46,368	40,058	1.88	1,708	7.62
Sep.	7,596	3,299	4,296	202	2.66	204	2.69	176.2	7.7	-0.5	45,814	40,116	2.51	1,664	4.79
Oct.	7,604	3,302	4,302	178	2.34	169	2.22	161.0	8.1	-1.6	44,517	40,197	2.12	1,746	-6.28
Nov.	7,621	3,308	4,313	159	2.09	143	1.88	177.7	8.0	-1.3	45,133	40,219	1.91	1,751	-3.90
Dec.	7,630	3,310	4,320	144	1.90	136	1.78	172.2	8.1	-1.0	49,083	40,557	2.08	1,761	-1.40
<b>2018 Jan.~Mar.</b>	<b>7,626</b>	<b>3,308</b>	<b>4,318</b>	<b>171</b>	<b>2.24</b>	<b>172</b>	<b>2.26</b>	<b>163.8</b>	<b>7.9</b>	<b>-0.1</b>	<b>63,850</b>	<b>40,679</b>	<b>2.71</b>	<b>1,747</b>	<b>3.68</b>
Jan.	7,638	3,313	4,326	164	2.16	156	2.04	178.8	8.1	0.0	59,093	40,774	2.76	1,764	3.34
Feb.	7,614	3,301	4,313	145	1.90	170	2.22	129.5	7.4	-0.3	86,304	40,451	2.77	1,653	-0.06
Mar.	7,626	3,310	4,315	204	2.67	192	2.52	183.1	8.2	0.2	46,196	40,812	2.59	1,824	7.74
The change compared with the last month(value)	12	9	2	59	0.77	22	0.30	53.6	0.8		-40,108	361		171	
The change compared with the same month of last year(value)	117	44	72	3	0.00	7	0.06	-2.0	0.2		2,052	1,031		131	
The change compared with the same period (Jan. ~ Mar.) of last year(value)	125	48	77	0	-0.04	5	0.03	1.4	-0.1		2,850	1,072		62	
The change compared with the last month(rate)	0.16	0.28	0.06	40.30		12.84		41.39	10.81		-46.47	0.89		10.34	
The change compared with the same month of last year(rate)	1.55	1.36	1.70	1.43		3.58		-1.08	2.50		4.65	2.59		7.74	
The change compared with the same period (Jan. ~ Mar.) of last year(rate)	1.67	1.48	1.81	-0.11		3.41		0.86	-1.25		4.67	2.71		3.68	

Note : 1. Total monthly earnings of all employees are the total of regular(basic salary,monthly bonus,fixed subsidy and good attendance reward) and irregular(over-time, annual bonus,flexible bonus not paid by month) earnings of employees on payroll,but exclude the non-working reward such as insurance and pension.

2. Number of employees at the end of this month = Number of employees at the end of last month + Number of accession in this month - Number of separation in this month. However, the formula above does not apply on annual average data since the annual employees number is mean of a year not the number at the end of a year.

3. Both Industry & Services and Services Sectors statistics covered Education Industry (only other education and educational support activities are included) since January 2009.