

## **GDP: Preliminary Estimate for 2018Q2 and Outlook for 2018-19**

**August 17, 2018** According to the preliminary estimate, Taiwan's real gross domestic product (GDP) increased by 3.30% in 2018Q2, compared to the same period of the previous year (yoy), and the growth rate (yoy) of 2018Q1 has been revised to 3.10%. The real GDP is predicted to grow 2.69% and 2.55% in 2018 and 2019, respectively.

### **Preliminary Estimate of Real GDP in 2018Q2**

Taiwan's real GDP increased by 1.62% on a quarter-on-quarter, seasonally-adjusted annualized basis (saar), and 3.30% on a year-on-year basis (yoy) in 2018Q2, 0.01 percentage point higher than the advance estimate.

Meanwhile, the economic growth rate of 2018Q1 has been revised to 3.10% (formerly 3.02%).

On the demand side, real private final consumption grew by 2.55% (yoy) in 2018Q2, driven mainly by sales growth of jewelry and boutique watches, rising spending on home appliances in response to the high temperature, and on FIFA World Cup featuring merchandise, as well as finance-service.

Real gross capital formation decreased by 2.57% (yoy), extending the 0.40% decline in the previous quarter, mainly due to decreasing machinery and equipment investment.

Meanwhile, real exports of goods and services grew by 6.29% (yoy), owing to the foreign strong demand for electronic components, machinery, metal, chemistry and plastic products. Imports also increased by 4.48% (yoy).

On the production side, the manufacturing sector grew by 5.03%(yoy) in 2018Q2, following the 3.02% 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 4.56% and 5.68%(both yoy) respectively, after the expansion of 4.37% and 7.25% growth in the previous quarter.

### **Forecast for 2018**

After a spurt in late 2017 and the first half-year of 2018, the momentum in the world economy is expected to slow down modestly. Additionally, the high oil prices, trade conflicts, and geopolitical conflict issues will be likely to add downside risks for the world economy. However, the strong semiconductor's demand for new technological

applications, such as High-Performance Computing (HPC), automotive electronics and Internet of Things (IoT), as well as the forerunning semiconductor manufacturing techniques are continuously expected to contribute to Taiwan's exports of goods. Along with exports of services, it is projected that the real exports of goods and services will grow by 3.35% in the whole 2018.

Real private fixed capital formation is anticipated to increase by 4.26%, due to expected accelerating capital expenditure of semiconductor manufacturing in the second half of this year, and the recovery of construction investment.

Real private consumption is foreseen to grow by 2.47%, supported by stable economic expansion, improving labor market and wage lift, but escalating global trade tensions and volatile financial market might dampen consumer confidence.

Combining with the public sector, Taiwan's real GDP is predicted to grow by 2.69% in 2018, 0.09 percentage point higher than the previous forecast released in May.

CPI will increase by 1.52%, upwardly revised by 0.03 percentage point, mainly reflecting the escalating oil prices.

## **Outlook for 2019**

The global economy and world trade volume are anticipated to continue expanding in 2019 even with the high base effect, which helps to sustain Taiwan's export growth. Combining the contribution from domestic sector, real GDP will grow by 2.55% in 2019. CPI will gently rise by 0.93%.

## **For further information:**

### **Statistics Database:**

<http://statdb.dgbas.gov.tw/pxweb/dialoq/statfile1L.asp>

**DGBAS** news releases on the Internet:

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

**Ya-Wen Lin**

**yawenlin@dgbas.gov.tw**

**Tel : +886-2-23803487**

**Fax: +886-2-23803502**

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**Gross Domestic Products of 2018Q3 (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>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>	—	—
<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</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	4,549,729	4,439,121	4,307,027	4,147,147	3.42	1.19	4.84
<b>2018(f)</b>	<b>17,864,551</b>	—	<b>16,775,258</b>	—	<b>2.69</b>	—	—
I (r)	4,371,909	4,407,246	4,003,356	4,160,807	3.10	0.33	1.32
II (p)	4,310,718	4,457,627	4,110,759	4,177,517	3.30	0.40	1.62
III (f)	4,521,427	4,469,855	4,264,156	4,200,860	2.36	0.56	2.25
IV (f)	4,660,497	4,529,823	4,396,987	4,236,074	2.09	0.84	3.40
<b>2019(f)</b>	<b>18,502,787</b>	—	<b>17,203,748</b>	—	<b>2.55</b>	—	—
I (f)	4,519,253	4,565,488	4,103,956	4,261,927	2.51	0.61	2.46
II (f)	4,482,685	4,629,786	4,210,562	4,278,583	2.43	0.39	1.57
III (f)	4,682,050	4,628,174	4,373,839	4,311,157	2.57	0.76	3.08
IV (f)	4,818,799	4,679,339	4,515,391	4,352,081	2.69	0.95	3.85

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>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>
<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</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	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 (r)	4,371,909	1.73	149,110	4,003,356	3.10	4,524,789	154,324	3,798,344	129,548	3,699,282	1.44
II (p)	4,310,718	3.56	144,752	4,110,759	3.30	4,417,702	148,345	3,735,792	125,446	3,675,306	1.37

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>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>
<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</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	-0.98	0.26	0.52	0.94	-2.15	0.26	0.41	1.17
<b>2018(f)</b>	<b>-0.21</b>	<b>1.17</b>	<b>1.35</b>	<b>1.51</b>	<b>1.43</b>	<b>4.08</b>	<b>1.52</b>	<b>3.64</b>
I (r)	-1.32	0.95	-1.13	1.12	-3.11	-0.10	1.55	-0.12
II (p)	0.25	1.42	4.38	2.38	1.39	4.82	1.72	4.86
III (f)	-0.10	1.47	-1.01	1.74	4.00	6.35	1.69	6.02
IV (f)	0.33	0.88	2.83	0.96	3.03	5.01	1.12	3.89
<b>2019(f)</b>	<b>1.00</b>	<b>0.71</b>	<b>0.86</b>	<b>0.71</b>	<b>1.83</b>	<b>1.54</b>	<b>0.93</b>	<b>1.08</b>
I (f)	0.83	0.78	1.01	0.66	3.99	4.30	1.09	3.53
II (f)	1.53	0.73	0.51	0.40	3.79	2.81	0.94	1.31
III (f)	0.96	0.61	1.17	0.61	-0.09	-0.66	0.89	-0.43
IV (f)	0.69	0.70	1.09	1.15	0.08	0.16	0.80	-0.02

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>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>
<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</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	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>17,864,551</b>	<b>15,943,788</b>	<b>9,585,242</b>	<b>2,561,941</b>	<b>3,789,917</b>	<b>3,083,054</b>	<b>202,035</b>	<b>504,828</b>	<b>6,688</b>	<b>1,920,763</b>	<b>11,910,643</b>	<b>9,989,880</b>
I (r)	4,371,909	3,942,692	2,371,234	676,592	898,687	780,432	30,640	87,615	-3,821	429,217	2,756,430	2,327,213
II (p)	4,310,718	3,866,461	2,354,181	625,657	882,605	727,458	45,338	109,809	4,018	444,257	2,886,897	2,442,640
III (f)	4,521,427	4,027,037	2,426,535	601,781	989,430	816,081	47,012	126,337	9,291	494,390	3,101,530	2,607,140
IV (f)	4,660,497	4,107,598	2,433,292	657,911	1,019,195	759,083	79,045	181,067	-2,800	552,899	3,165,786	2,612,887
<b>2019(f)</b>	<b>18,502,787</b>	<b>16,447,824</b>	<b>9,895,894</b>	<b>2,585,973</b>	<b>3,972,231</b>	<b>3,184,630</b>	<b>225,567</b>	<b>562,034</b>	<b>-6,274</b>	<b>2,054,963</b>	<b>12,501,978</b>	<b>10,447,015</b>
I (f)	4,519,253	4,068,477	2,444,693	672,194	941,632	806,299	35,098	100,235	9,958	450,776	2,912,577	2,461,801
II (f)	4,482,685	3,991,220	2,430,888	621,903	951,804	771,762	54,475	125,567	-13,375	491,465	3,077,512	2,586,047
III (f)	4,682,050	4,144,502	2,504,074	619,834	1,024,862	837,665	50,052	137,145	-4,268	537,548	3,215,515	2,677,967
IV (f)	4,818,799	4,243,625	2,516,239	672,042	1,053,933	768,904	85,942	199,087	1,411	575,174	3,296,374	2,721,200

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>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>
<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</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	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>89.25</b>	<b>53.66</b>	<b>14.34</b>	<b>21.21</b>	<b>17.26</b>	<b>1.13</b>	<b>2.83</b>	<b>0.04</b>	<b>10.75</b>	<b>66.67</b>	<b>55.92</b>
I (r)	100.00	90.18	54.24	15.48	20.56	17.85	0.70	2.00	-0.09	9.82	63.05	53.23
II (p)	100.00	89.69	54.61	14.51	20.47	16.88	1.05	2.55	0.09	10.31	66.97	56.66
III (f)	100.00	89.07	53.67	13.31	21.88	18.05	1.04	2.79	0.21	10.93	68.60	57.66
IV (f)	100.00	88.14	52.21	14.12	21.87	16.29	1.70	3.89	-0.06	11.86	67.93	56.06
<b>2019(f)</b>	<b>100.00</b>	<b>88.89</b>	<b>53.48</b>	<b>13.98</b>	<b>21.47</b>	<b>17.21</b>	<b>1.22</b>	<b>3.04</b>	<b>-0.03</b>	<b>11.11</b>	<b>67.57</b>	<b>56.46</b>
I (f)	100.00	90.03	54.10	14.87	20.84	17.84	0.78	2.22	0.22	9.97	64.45	54.47
II (f)	100.00	89.04	54.23	13.87	21.23	17.22	1.22	2.80	-0.30	10.96	68.65	57.69
III (f)	100.00	88.52	53.48	13.24	21.89	17.89	1.07	2.93	-0.09	11.48	68.68	57.20
IV (f)	100.00	88.06	52.22	13.95	21.87	15.96	1.78	4.13	0.03	11.94	68.41	56.47

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>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>
<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</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	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>2.69</b>	<b>3.43</b>	<b>2.47</b>	<b>3.12</b>	<b>4.58</b>	<b>4.26</b>	<b>7.84</b>	<b>5.06</b>	--	--	<b>3.35</b>	<b>4.74</b>
I (r)	3.10	2.58	2.76	6.60	0.45	0.74	-4.79	-0.15	--	--	6.30	6.15
II (p)	3.30	1.83	2.55	5.76	0.14	0.01	3.52	-0.77	--	--	6.29	4.48
III (f)	2.36	4.68	2.31	-0.49	5.96	5.08	14.54	8.87	--	--	1.15	4.48
IV (f)	2.09	4.58	2.26	1.33	11.34	11.80	12.37	8.94	--	--	0.49	3.98
<b>2019(f)</b>	<b>2.55</b>	<b>2.43</b>	<b>2.52</b>	<b>0.08</b>	<b>4.07</b>	<b>2.60</b>	<b>11.13</b>	<b>10.23</b>	--	--	<b>3.08</b>	<b>2.98</b>
I (f)	2.51	2.50	2.30	-1.63	4.10	2.63	14.15	13.93	--	--	1.61	1.42
II (f)	2.43	2.53	2.51	-1.10	7.40	5.65	19.90	13.91	--	--	2.71	2.99
III (f)	2.57	2.24	2.58	1.81	2.95	2.07	6.15	7.49	--	--	3.76	3.41
IV (f)	2.69	2.45	2.69	1.05	2.23	0.20	7.87	8.18	--	--	4.04	3.97



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>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>
<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</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	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>2.69</b>	<b>3.00</b>	<b>1.31</b>	<b>0.44</b>	<b>0.94</b>	<b>0.71</b>	<b>0.08</b>	<b>0.14</b>	<b>0.32</b>	<b>-0.31</b>	<b>2.19</b>	<b>2.49</b>
I (r)	3.10	2.35	1.56	0.86	0.10	0.15	-0.04	-0.02	-0.17	0.75	3.96	3.21
II (p)	3.30	1.66	1.38	0.81	0.03	0.02	0.04	-0.02	-0.56	1.65	3.97	2.32
III (f)	2.36	4.02	1.21	-0.07	1.24	0.88	0.13	0.22	1.64	-1.66	0.76	2.42
IV (f)	2.09	3.85	1.12	0.20	2.24	1.71	0.19	0.34	0.29	-1.76	0.32	2.08
<b>2019(f)</b>	<b>2.55</b>	<b>2.17</b>	<b>1.35</b>	<b>0.01</b>	<b>0.86</b>	<b>0.45</b>	<b>0.13</b>	<b>0.29</b>	<b>-0.06</b>	<b>0.39</b>	<b>2.05</b>	<b>1.67</b>
I (f)	2.51	2.28	1.32	-0.23	0.83	0.48	0.09	0.26	0.36	0.23	1.04	0.81
II (f)	2.43	2.26	1.36	-0.16	1.49	0.94	0.20	0.35	-0.44	0.17	1.77	1.59
III (f)	2.57	2.01	1.37	0.25	0.65	0.38	0.06	0.21	-0.27	0.56	2.56	1.99
IV (f)	2.69	2.14	1.36	0.16	0.50	0.02	0.14	0.34	0.12	0.55	2.74	2.19

Note : Contributions of component X on s season at t year= $\{P_{X_{t-1}}/P_{GDP_{t-1}} \times (rX_{t,s} - rX_{t-1,s}) / rGDP_{t-1,s} + (rX_{t-1,s} / rGDP_{t-1,s} - rX_{t-1} / rGDP_{t-1}) \times (P_{X_{t-1}} / P_{GDP_{t-1}} - P_{X_{t-2}} / P_{GDP_{t-2}})\} \times 100\%$ ,

where rX : Chained dollar of component X ; rGDP : real GDP(reference year = 2011) ; P<sub>x</sub> : 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>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>
<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</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	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 (r)	4,371,909	66,225	1,479,008	3,749	1,295,270	38,664	26,248	115,077	2,821,519	711,134	127,767	115,762	300,176	350,268	323,352	893,060	5,157
II (p)	4,310,718	66,290	1,540,730	3,653	1,341,448	51,605	32,277	111,747	2,720,800	695,871	110,419	110,015	323,834	358,269	274,613	847,779	-17,102

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>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>
<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</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	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 (r)	100.00	1.52	33.87	0.09	29.66	0.89	0.60	2.64	64.61	16.29	2.93	2.65	6.87	8.02	7.40	20.45
II (p)	100.00	1.53	35.60	0.08	31.00	1.19	0.75	2.58	62.87	16.08	2.55	2.54	7.48	8.28	6.35	19.59

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>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>
<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</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	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 (r)	3.10	1.36	3.03	1.15	3.02	3.03	2.73	2.31	3.07	4.37	6.64	2.11	7.25	0.97	0.98	1.76
II (p)	3.30	1.91	4.87	2.24	5.03	1.86	3.36	3.33	2.88	4.56	5.43	0.10	5.68	0.92	1.00	1.93

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>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>
<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</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	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 (r)	3.10	0.03	1.03	0.00	0.89	0.06	0.01	0.07	2.00	0.75	0.21	0.06	0.47	0.08	0.07	0.36
II (p)	3.30	0.02	1.71	0.00	1.54	0.06	0.02	0.09	1.82	0.73	0.16	0.00	0.41	0.08	0.07	0.37

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>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>
<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</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	1,650,678	35.10	894,647	19.02	756,031	16.07	45.80	84.51
<b>2018(f)</b>	<b>6,146,952</b>	<b>33.42</b>	<b>3,796,605</b>	<b>20.64</b>	<b>2,350,347</b>	<b>12.78</b>	<b>38.24</b>	<b>61.91</b>
I (r)	1,444,743	31.93	894,866	19.78	549,877	12.15	38.06	61.45
II (p)	1,425,257	32.26	886,623	20.07	538,634	12.19	37.79	60.75
III (f)	1,576,580	34.02	998,721	21.55	577,859	12.47	36.65	57.86
IV (f)	1,700,372	35.31	1,016,395	21.11	683,977	14.21	40.23	67.29
<b>2019(f)</b>	<b>6,444,456</b>	<b>33.84</b>	<b>3,965,957</b>	<b>20.82</b>	<b>2,478,499</b>	<b>13.01</b>	<b>38.46</b>	<b>62.49</b>
I (f)	1,533,015	32.78	951,590	20.35	581,425	12.43	37.93	61.10
II (f)	1,505,053	32.78	938,429	20.44	566,624	12.34	37.65	60.38
III (f)	1,652,268	34.37	1,020,594	21.23	631,674	13.14	38.23	61.89
IV (f)	1,754,120	35.28	1,055,344	21.23	698,776	14.06	39.84	66.21

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>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>
<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</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	85,641	12.88	70,222	17.31	15,419	72,080	15.04	61,245	21.48	10,835
II	88,598	9.78	73,757	11.85	14,841	75,613	10.18	63,535	11.94	12,078
III	97,410	15.02	77,519	11.29	19,891	83,711	17.45	65,920	11.30	17,790
IV	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>395,848</b>	<b>6.09</b>	<b>332,039</b>	<b>10.34</b>	<b>63,809</b>	<b>337,530</b>	<b>6.39</b>	<b>284,485</b>	<b>9.73</b>	<b>53,045</b>
I (r)	93,794	9.52	79,165	12.74	14,629	79,733	10.62	67,968	10.98	11,765
II (p)	97,441	9.98	82,452	11.79	14,989	84,092	11.21	70,306	10.66	13,785
III (f)	101,291	3.98	85,145	9.84	16,146	86,428	3.25	72,688	10.27	13,740
IV (f)	103,322	1.80	85,277	7.37	18,045	87,278	1.67	73,523	7.23	13,755
<b>2019(f)</b>	<b>408,028</b>	<b>3.08</b>	<b>340,960</b>	<b>2.69</b>	<b>67,068</b>	<b>347,061</b>	<b>2.82</b>	<b>292,377</b>	<b>2.77</b>	<b>54,684</b>
I (f)	95,058	1.35	80,346	1.49	14,712	80,634	1.13	68,834	1.27	11,800
II (f)	100,441	3.08	84,401	2.36	16,040	86,343	2.68	72,740	3.46	13,603
III (f)	104,945	3.61	87,401	2.65	17,544	89,816	3.92	74,672	2.73	15,144
IV (f)	107,584	4.12	88,812	4.15	18,772	90,268	3.43	76,131	3.55	14,137

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>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	4,031,202	3,722,125	2,233,849	562,432	926,849	299,075	3,030,028	2,730,953
II	4,058,413	3,763,043	2,250,133	591,648	921,206	284,127	3,030,075	2,745,948
III	4,098,390	3,701,614	2,267,919	594,704	836,085	388,556	3,219,253	2,830,697
IV	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 (r)	4,160,807	3,822,531	2,296,650	605,022	920,071	320,992	3,223,762	2,902,770
II (p)	4,177,517	3,830,207	2,307,402	611,973	909,474	334,071	3,215,411	2,881,340
III (f)	4,200,860	3,878,505	2,320,701	592,053	966,643	302,126	3,237,395	2,935,269
IV (f)	4,236,074	3,932,202	2,335,435	596,648	1,001,846	279,611	3,252,764	2,973,153
<b>2019</b>								
I (f)	4,261,927	3,915,982	2,349,872	595,444	971,514	330,022	3,278,256	2,948,234
II (f)	4,278,583	3,927,364	2,365,854	603,443	958,184	335,222	3,301,559	2,966,337
III (f)	4,311,157	3,967,647	2,380,326	604,073	984,079	322,770	3,358,340	3,035,570
IV (f)	4,352,081	4,028,254	2,397,557	604,623	1,028,162	298,254	3,388,818	3,090,564

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>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	1.94	-2.57	1.62	-15.72	-3.48	--	-2.87	-10.88	
II	2.73	4.47	2.95	22.45	-2.41	--	0.01	2.21	
III	4.00	-6.37	3.20	2.08	-32.15	--	27.41	12.93	
IV	4.84	6.82	3.06	-6.97	30.20	--	1.40	3.55	
<b>2018</b>									
I (r)	1.32	6.46	2.04	15.15	12.63	--	-0.83	6.78	
II (p)	1.62	0.81	1.89	4.68	-4.53	--	-1.03	-2.92	
III (f)	2.25	5.14	2.33	-12.40	27.62	--	2.76	7.70	
IV (f)	3.40	5.65	2.56	3.14	15.38	--	1.91	5.26	
<b>2019</b>									
I (f)	2.46	-1.64	2.50	-0.80	-11.57	--	3.17	-3.31	
II (f)	1.57	1.17	2.75	5.48	-5.38	--	2.87	2.48	
III (f)	3.08	4.17	2.47	0.42	11.26	--	7.06	9.67	
IV (f)	3.85	6.25	2.93	0.36	19.16	--	3.68	7.45	

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>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
II	4.6	4.5	5.4	-1.9	56.6	-1.3	8.9	8.7	14.18
Apr.	3.6	4.7	4.2	-6.4	45.6	1.3	14.0	12.1	14.10
May	5.3	3.7	3.7	0.3	73.9	1.0	5.1	16.3	14.13
Jun.	4.9	5.2	8.5	0.1	50.3	-5.5	7.9	1.0	14.18

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>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
II	9.6	18.9	3,081	-1.7	104	0.4	6.2
Apr.	8.1	25.3	964	-13.0	33	-9.4	5.4
May	18.6	37.6	1,117	2.1	38	3.6	5.5
Jun.	2.8	-1.4	999	7.4	33	8.2	6.2

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>2010</b>	<b>10.63</b>	—	<b>2.6</b>	—	<b>4.2</b>	—	<b>2.1</b>	<b>4.1</b>	<b>1.9</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>1.8</b>	<b>3.7</b>	<b>2.2</b>	<b>1.6</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>0.3</b>	<b>1.4</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>1.8</b>	—	<b>2.0</b>	—	<b>0.3</b>	<b>0.5</b>	<b>0.6</b>	<b>2.0</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>2.5</b>	—	<b>0.4</b>	—	<b>1.7</b>	<b>2.2</b>	<b>1.0</b>	<b>2.9</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>1.6</b>	—	<b>1.0</b>	—	<b>1.9</b>	<b>2.2</b>	<b>1.2</b>	<b>1.8</b>	<b>6.7</b>	—	<b>2.2</b>	<b>2.9</b>	—	<b>2.4</b>	—
I	-0.30	3.22	1.6	1.5	0.5	3.3	2.0	2.4	1.3	2.1	6.7	5.7	1.1	3.0	2.4	2.1	2.9
II	1.01	1.82	1.3	2.3	0.8	0.9	1.9	2.2	1.1	1.7	6.7	7.8	1.8	3.5	3.2	2.0	1.5
III	2.04	3.95	1.5	1.9	1.0	1.1	1.8	2.1	0.9	1.7	6.7	7.0	2.2	2.7	1.6	1.7	0.8
IV	2.77	2.61	1.9	1.8	1.6	0.8	2.1	1.9	1.2	1.7	6.8	6.6	3.4	2.6	2.8	3.7	9.7
<b>2017</b>	<b>2.89</b>	—	<b>2.2</b>	—	<b>1.7</b>	—	<b>2.4</b>	<b>2.2</b>	<b>2.2</b>	<b>1.7</b>	<b>6.9</b>	—	<b>3.8</b>	<b>3.1</b>	—	<b>3.6</b>	—
I	2.64	1.94	1.9	1.8	1.5	2.7	2.2	2.1	1.4	1.8	6.9	6.1	4.4	2.9	4.1	2.5	-1.5
II	2.28	2.73	2.1	3.0	1.6	2.1	2.5	2.2	2.3	1.8	6.9	7.8	3.9	2.8	2.4	2.8	2.8
III	3.18	4.00	2.3	2.8	2.0	2.3	2.8	2.7	2.7	1.7	6.8	7.4	3.6	3.8	5.7	5.5	11.2
IV	3.42	4.84	2.5	2.3	2.0	0.8	2.6	2.8	2.8	1.3	6.8	6.6	3.4	2.8	-0.8	3.6	2.1
<b>2018</b>																	
I	3.10	1.32	2.6	2.2	1.0	-0.9	2.4	2.0	2.2	1.2	6.8	5.7	4.6	2.8	4.1	4.5	2.2
II	3.30	1.62	2.8	4.1	1.0	1.9	2.2	1.9	1.7	1.3	6.7	7.4	3.5	2.9	2.8	3.9	0.6

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>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>3.0</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>2.6</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>3.6</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>0.7</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>1.3</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>2.9</b>	<b>3.0</b>
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	2.4	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	2.6	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	3.0	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	3.1	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	3.0	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	2.9	3.5
<b>2018 Jan.~Jul.</b>	<b>1.65</b>	<b>1.18</b>	<b>2.5</b>	<b>1.4</b>	<b>1.0</b>	<b>1.6</b>	<b>2.0</b>	<b>1.3</b>	<b>1.4</b>	<b>1.7</b>	<b>0.3</b>	<b>1.4</b>	<b>2.3</b>	<b>3.4</b>	<b>3.3</b>	<b>4.3</b>	<b>1.8</b>	<b>2.7</b>	<b>4.3</b>	<b>5.5</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	3.4	4.4
Feb.	2.20	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	3.8	4.8
Mar.	1.59	1.32	2.4	1.3	1.1	1.9	2.0	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.	2.00	2.70	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
May	1.75	1.78	2.8	1.2	0.7	0.8	1.8	0.7	1.5	2.5	0.4	1.3	2.1	3.6	3.2	4.5	2.2	3.4	4.6	5.7
Jun.	1.40	-0.12	2.9	1.4	0.7	0.4	1.9	0.8	1.5	1.8	0.6	1.5	2.4	3.7	3.1	4.7	2.1	3.2	5.2	6.1
Jul.	1.75	0.89	2.9	1.4	...	...	2.1	1.0	1.5	1.5	...	...	...	...	3.2	5.4	2.0	2.5	...	...

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		Regular earnings			Overtime pay	
									(hour)	Changes (hour)	(NT\$)	(NT\$)	(%)	(NT\$)	(%)
<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>
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.~Jun.</b>	<b>7,630</b>	<b>3,312</b>	<b>4,318</b>	<b>175</b>	<b>2.30</b>	<b>174</b>	<b>2.28</b>	<b>165.0</b>	<b>8.1</b>	<b>0.1</b>	<b>55,435</b>	<b>40,745</b>	<b>2.55</b>	<b>1,789</b>	<b>5.30</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	207	2.72	195	2.56	183.3	8.3	0.3	46,132	40,775	2.50	1,841	8.74
Apr.	7,627	3,311	4,316	184	2.41	182	2.39	153.6	8.2	0.1	45,559	40,726	2.26	1,816	5.64
May	7,634	3,317	4,317	171	2.25	164	2.15	179.0	8.3	0.2	47,619	40,897	2.54	1,828	5.60
Jun.	7,638	3,319	4,319	181	2.37	178	2.33	165.7	8.2	0.4	47,969	40,846	2.46	1,833	8.53
The change compared with the last month(value)	4	2	2	10	0.12	14	0.18	-13.3	-0.1		350	-51		5	
The change compared with the same month of last year(value)	98	40	58	5	0.04	17	0.19	-16.9	0.4		3 223	980		144	
The change compared with the same period (Jan. ~ Jun.) of last year(value)	116	46	70	3	0.02	10	0.10	-0.3	0.1		1 956	1 012		90	
The change compared with the last month(rate)	0.05	0.04	0.05	5.81		8.18		-7.43	-1.20		0.74	-0.12		0.27	
The change compared with the same month of last year(rate)	1.30	1.21	1.37	3.17		10.12		-9.26	5.13		7.20	2.46		8.53	
The change compared with the same period (Jan. ~ Jun.) of last year(rate)	1.54	1.39	1.65	2.18		5.94		-0.18	1.25		3.66	2.55		5.30	

- 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.

Table 13 Major Figures of Family Income and Expenditure (1/2)

Unit : 10 thousand NT\$

Year	No. of persons per household (Person)	No. of persons employed per household (Person)	Current receipts per household					Average disposable income				Median disposable income				Expenditure		Savings	
			Compensation of employees	Entrepreneurial income	Property income	Transfer income	Per household		Per person		Per household		Per person		Amount	Increase Rate (%)	Amount	Increase Rate (%)	
							Amount	Increase Rate (%)	Amount	Increase Rate (%)	Amount	Increase Rate (%)	Amount	Increase Rate (%)					
<b>1991</b>	4.16	1.76	71.1	42.9	14.0	9.9	4.4	58.7	12.9	14.1	13.7	51.0	12.6	11.9	13.4	41.2	11.2	17.5	17.1
<b>1996</b>	3.92	1.71	105.1	57.9	18.7	16.3	12.1	82.6	1.9	21.1	2.4	72.1	2.9	18.0	3.1	61.4	4.0	21.2	-3.8
<b>1997</b>	3.84	1.69	109.7	61.0	19.0	17.2	12.5	86.3	4.5	22.5	6.7	75.0	4.1	19.1	6.2	63.4	3.3	22.9	8.0
<b>1998</b>	3.77	1.64	111.6	62.2	17.9	18.1	13.4	87.3	1.1	23.2	3.0	76.4	1.8	19.5	2.3	64.6	1.9	22.7	-0.9
<b>1999</b>	3.63	1.60	113.6	62.8	18.0	18.1	14.7	88.9	1.8	24.5	5.7	77.6	1.6	20.7	5.8	65.5	1.4	23.4	3.1
<b>2000</b>	3.62	1.58	113.9	63.2	17.5	18.4	14.9	89.1	0.3	24.6	0.5	77.6	0.0	20.8	0.5	66.3	1.1	22.9	-2.2
<b>2001</b>	3.58	1.56	110.8	60.2	17.6	17.7	15.3	86.9	-2.6	24.3	-1.5	73.8	-5.0	20.1	-3.3	65.8	-0.7	21.1	-7.8
<b>2002</b>	3.65	1.57	111.2	60.5	17.7	16.4	16.5	87.6	0.8	24.0	-1.1	74.1	0.4	19.9	-1.0	67.3	2.2	20.3	-3.5
<b>2003</b>	3.53	1.54	111.2	61.5	17.1	15.9	16.7	88.2	0.7	25.0	4.1	74.0	-0.1	20.8	4.8	66.6	-0.9	21.5	5.9
<b>2004</b>	3.50	1.53	112.3	62.1	17.0	16.1	17.1	89.1	1.1	25.5	2.0	77.3	4.6	21.4	2.6	69.3	3.9	19.9	-7.8
<b>2005</b>	3.42	1.51	113.4	62.9	16.4	16.2	17.9	89.5	0.4	26.2	2.7	77.6	0.3	21.9	2.5	70.1	1.2	19.3	-2.6
<b>2006</b>	3.41	1.52	115.1	63.6	16.8	17.0	17.8	91.3	2.1	26.8	2.4	79.6	2.6	22.5	2.8	71.3	1.7	20.0	3.4
<b>2007</b>	3.38	1.50	116.2	64.1	16.0	17.4	18.7	92.4	1.2	27.3	2.1	80.0	0.4	23.0	2.2	71.6	0.4	20.8	3.9
<b>2008</b>	3.35	1.49	115.1	62.3	15.0	17.0	20.8	91.4	-1.1	27.3	-0.2	79.6	-0.5	22.8	-1.0	70.5	-1.5	20.8	0.2
<b>2009</b>	3.34	1.46	112.8	60.9	14.5	17.1	20.3	88.8	-2.9	26.6	-2.6	77.0	-3.3	22.5	-1.2	70.6	0.0	18.2	-12.7
<b>2010</b>	3.25	1.44	112.4	61.9	14.5	16.6	19.3	88.9	0.2	27.4	3.0	77.1	0.2	23.2	3.1	70.2	-0.5	18.7	2.8
<b>2011</b>	3.29	1.49	115.8	64.7	14.7	17.0	19.4	90.8	2.1	27.6	0.9	78.3	1.5	23.4	0.7	72.9	3.8	17.9	-4.3
<b>2012</b>	3.23	1.46	117.7	64.7	14.8	16.9	21.2	92.4	1.7	28.6	3.6	80.8	3.3	24.3	4.1	72.8	-0.2	19.6	9.4
<b>2013</b>	3.21	1.46	119.6	65.6	15.0	17.0	22.0	94.2	2.0	29.4	2.7	82.3	1.8	25.0	3.0	74.8	2.8	19.4	-0.8
<b>2014</b>	3.15	1.45	121.4	66.8	15.2	17.7	21.8	95.7	1.6	30.4	3.5	83.0	0.9	26.0	3.8	75.5	1.0	20.2	3.8
<b>2015</b>	3.10	1.43	122.5	66.5	14.8	18.3	22.9	96.5	0.8	31.1	2.5	83.7	0.8	26.6	2.5	76.0	0.6	20.5	1.8
<b>2016</b>	3.07	1.42	125.3	67.4	15.4	18.6	23.9	99.3	2.9	32.3	3.9	85.8	2.5	27.7	3.9	77.7	2.3	21.6	5.4
<b>2017</b>	3.07	1.43	129.3	69.6	15.7	19.1	24.9	101.9	2.6	33.2	2.6	88.1	2.7	28.4	2.6	81.2	4.5	20.7	-4.2

Table 13 Major Figures of Family Income and Expenditure (2/2)

Year	Income Inequality Indices					
	Household income		Per capita income			
	Ratio of income share of highest 20% to that of lowest 20%	Gini's concentration coefficient	Household income/household size		Household income/square root of household size	
			Ratio of income share of highest 20% to that of lowest 20%	Gini's concentration coefficient	Ratio of income share of highest 20% to that of lowest 20%	Gini's concentration coefficient
<b>1991</b>	4.97	0.308	4.41	0.300	3.91	0.274
<b>1996</b>	5.38	0.317	4.12	0.290	3.82	0.270
<b>1997</b>	5.41	0.320	4.18	0.292	3.83	0.272
<b>1998</b>	5.51	0.324	4.18	0.296	3.82	0.273
<b>1999</b>	5.50	0.325	4.08	0.292	3.76	0.272
<b>2000</b>	5.55	0.326	4.15	0.294	3.80	0.273
<b>2001</b>	6.39	0.350	4.57	0.312	4.31	0.295
<b>2002</b>	6.16	0.345	4.59	0.313	4.32	0.296
<b>2003</b>	6.07	0.343	4.39	0.306	4.17	0.290
<b>2004</b>	6.03	0.338	4.28	0.301	4.05	0.284
<b>2005</b>	6.04	0.340	4.24	0.300	4.03	0.284
<b>2006</b>	6.01	0.339	4.18	0.295	3.98	0.281
<b>2007</b>	5.98	0.340	4.16	0.296	4.03	0.284
<b>2008</b>	6.05	0.341	4.23	0.300	4.02	0.284
<b>2009</b>	6.34	0.345	4.35	0.302	4.18	0.286
<b>2010</b>	6.19	0.342	4.25	0.296	4.10	0.283
<b>2011</b>	6.17	0.342	4.29	0.296	4.14	0.283
<b>2012</b>	6.13	0.338	4.14	0.290	4.02	0.276
<b>2013</b>	6.08	0.336	4.08	0.288	3.95	0.273
<b>2014</b>	6.05	0.336	3.98	0.282	3.91	0.271
<b>2015</b>	6.06	0.338	3.91	0.279	3.87	0.270
<b>2016</b>	6.08	0.336	3.89	0.278	3.83	0.268
<b>2017</b>	6.07	0.337	3.89	0.277	3.88	0.270

Explanation : 1. Per capita income is calculated as the ratio of per capita income of first quintile to per capita income of fifth quintile. All the population ranked in ascending order of per capita income is divided in to five quintiles. Per capita income is calculated as household income divided by household size(or the square root of household size) .  
 2. The figures of income inequality measured by per capita income is lower than per household income.



Table 14 The Change of Disposable Income per Household Occurred by Current Transfers between Households and Government

Unit:NT\$,%

Year	Household Income Without Current Transfer From Government		Household Current Transfer Income From Government	Household Income Including Current Transfer Income From Government		Household With Current Transfers Income to Government		Disposable Income			Ratio Difference					
	Amount		Ratio A	Amount		Amount		Amount		Ratio C	With Current Transfer From Government	With Current Transfers to Government	With Current Transfers			
	(1)			(2)	(3)=(1)+(2)	(4)	(3)-(4)									
	Lowest 20%	Highest 20%	Lowest 20%	Highest 20%	Lowest 20%	Highest 20%	Lowest 20%	Highest 20%	Lowest 20%	Highest 20%	A-B	B-C	A-C			
1991	220,546	1,172,180	5.31	12,155	8,150	232,701	1,180,330	5.07	4,885	47,003	227,816	1,133,327	4.97	0.24	0.10	0.34
1996	266,794	1,647,316	6.17	38,128	27,106	304,922	1,674,422	5.49	6,479	67,388	298,443	1,607,034	5.38	0.68	0.11	0.79
1997	279,040	1,743,733	6.25	40,077	21,466	319,117	1,765,199	5.53	6,659	75,682	312,458	1,689,517	5.41	0.72	0.12	0.84
1998	272,961	1,772,676	6.49	44,550	22,783	317,511	1,795,459	5.65	6,646	81,362	310,865	1,714,097	5.51	0.84	0.14	0.98
1999	276,902	1,791,040	6.47	46,151	34,408	323,053	1,825,448	5.65	6,052	81,203	317,001	1,744,245	5.50	0.82	0.15	0.97
2000	275,106	1,806,917	6.57	47,042	25,490	322,148	1,832,407	5.69	6,976	83,774	315,172	1,748,633	5.55	0.88	0.14	1.02
2001	240,461	1,843,701	7.67	45,383	24,460	285,844	1,868,161	6.54	6,440	82,611	279,404	1,785,550	6.39	1.13	0.15	1.28
2002	249,057	1,860,246	7.47	50,804	26,845	299,861	1,887,091	6.29	7,748	87,358	292,113	1,799,733	6.16	1.18	0.13	1.31
2003	253,433	1,854,751	7.32	50,224	27,406	303,657	1,882,157	6.20	7,360	82,165	296,297	1,799,992	6.07	1.12	0.12	1.24
2004	249,938	1,852,680	7.41	54,760	28,097	304,698	1,880,777	6.17	7,393	88,981	297,305	1,791,796	6.03	1.24	0.15	1.39
2005	249,651	1,859,207	7.45	55,442	27,089	305,093	1,886,296	6.18	7,399	89,412	297,694	1,796,884	6.04	1.26	0.15	1.41
2006	253,670	1,890,858	7.45	57,750	27,491	311,420	1,918,349	6.16	7,146	90,962	304,274	1,827,387	6.01	1.29	0.15	1.45
2007	256,032	1,926,114	7.52	63,488	28,902	319,520	1,955,016	6.12	7,375	88,225	312,145	1,866,791	5.98	1.40	0.14	1.54
2008	245,589	1,899,011	7.73	65,133	28,544	310,722	1,927,555	6.20	7,205	92,561	303,517	1,834,994	6.05	1.53	0.16	1.69
2009	222,089	1,825,384	8.22	67,524	49,296	289,613	1,874,680	6.47	7,353	84,262	282,260	1,790,418	6.34	1.75	0.13	1.88
2010	236,649	1,826,591	7.72	58,859	35,471	295,508	1,862,062	6.30	6,955	74,750	288,553	1,787,312	6.19	1.42	0.11	1.53
2011	242,864	1,882,870	7.75	60,671	35,829	303,535	1,918,699	6.32	7,183	91,345	296,352	1,827,354	6.17	1.43	0.16	1.59
2012	246,858	1,901,603	7.70	61,790	38,325	308,649	1,939,929	6.29	7,287	93,812	301,362	1,846,116	6.13	1.42	0.16	1.58
2013	256,448	1,930,716	7.53	59,976	37,361	316,423	1,968,076	6.22	6,964	85,396	309,459	1,882,680	6.08	1.31	0.14	1.45
2014	265,996	1,967,767	7.40	58,038	39,633	324,035	2,007,400	6.20	6,891	87,463	317,144	1,919,937	6.05	1.20	0.14	1.34
2015	270,869	1,986,344	7.33	56,530	41,058	327,399	2,027,402	6.19	7,088	87,684	320,312	1,939,718	6.06	1.14	0.14	1.28
2016	281,721	2,052,202	7.28	54,860	41,091	336,581	2,093,294	6.22	7,181	89,129	329,400	2,004,165	6.08	1.07	0.14	1.21
2017	290,255	2,104,297	7.25	55,343	41,315	345,598	2,145,612	6.21	7,320	92,763	338,278	2,052,850	6.07	1.04	0.14	1.18

Table 15 Household Income Distribution of Major Countries(Area)

Year	Household income										Per capita income																
	Taiwan		Japan (a)		U.S. (a)		U.S. (b)		Hong Kong		Taiwan		Japan (b)		U.S. (b)		South Korea (a,urban)		South Korea (b)		Singapore (a)		Singapore (b,employed household)		Singapore (c,employed household)		
	Ratio of income share of highest 20% to that of lowest 20%	Gini's concentration coefficient	Ratio of income share of highest 20% to that of lowest 20%	Gini's concentration coefficient	Ratio of income share of highest 20% to that of lowest 20%	Gini's concentration coefficient	Ratio of income share of highest 20% to that of lowest 20%	Gini's concentration coefficient	Ratio of income share of highest 20% to that of lowest 20%	Gini's concentration coefficient	Ratio of income share of highest 20% to that of lowest 20%	Gini's concentration coefficient	Ratio of income share of highest 20% to that of lowest 20%	Gini's concentration coefficient	Ratio of income share of highest 20% to that of lowest 20%	Gini's concentration coefficient	Ratio of income share of highest 20% to that of lowest 20%	Gini's concentration coefficient	Ratio of income share of highest 20% to that of lowest 20%	Gini's concentration coefficient	Ratio of income share of highest 20% to that of lowest 20%	Gini's concentration coefficient	Ratio of income share of highest 20% to that of lowest 20%	Gini's concentration coefficient	Gini's concentration coefficient		
1997	5.41	0.320	4.78	9.50	0.38	13.89	0.46	-	-	4.18	0.292	-	-	12.08	0.44	3.80	0.26	-	-	-	-	-	-	-	-	-	
1998	5.51	0.324	4.62	9.70	0.38	13.83	0.46	-	-	4.18	0.296	-	-	12.03	0.44	4.55	0.29	-	-	-	-	-	-	-	-	-	
1999	5.50	0.325	4.85	9.89	0.41	13.64	0.46	-	-	4.08	0.292	4.84	0.306	12.10	0.44	4.62	0.29	-	-	-	-	-	-	-	-	-	
2000	5.55	0.326	4.74	10.15	0.41	14.01	0.46	-	-	4.15	0.294	-	-	11.85	0.44	4.05	0.27	-	-	20.9	0.49	10.1	0.44	0.43	-	-	
2001	6.39	0.350	4.68	10.44	0.41	14.40	0.47	17.22	0.52	4.57	0.312	-	-	12.20	0.45	4.29	0.28	-	-	19.5	0.49	11.1	0.45	0.44	-	-	
2002	6.16	0.345	6.36	9.73	0.40	14.39	0.46	-	-	4.59	0.313	-	-	12.10	0.44	4.34	0.28	-	-	25.4	0.51	11.3	0.45	0.43	-	-	
2003	6.07	0.343	6.11	9.40	0.39	14.71	0.46	-	-	4.39	0.306	-	-	12.46	0.45	4.22	0.27	-	-	28.1	0.51	11.5	0.46	0.42	-	-	
2004	6.03	0.338	6.04	10.04	0.40	14.78	0.47	-	-	4.28	0.301	4.98	0.310	12.82	0.45	4.41	0.28	-	-	29.6	0.52	11.6	0.46	0.42	-	-	
2005	6.04	0.340	5.97	10.17	0.40	14.98	0.47	-	-	4.24	0.300	-	-	12.92	0.45	4.55	0.28	-	-	31.9	0.52	12.1	0.47	0.42	-	-	
2006	6.01	0.339	6.24	10.39	0.40	14.81	0.47	18.66	0.52	4.18	0.295	-	-	12.97	0.45	4.62	0.29	5.38	0.31	-	-	12.3	0.47	0.42	-	-	
2007	5.98	0.340	6.39	10.29	0.40	14.54	0.46	-	-	4.16	0.296	-	-	12.76	0.44	4.84	0.29	5.60	0.31	-	-	13.0	0.48	0.44	-	-	
2008	6.05	0.341	6.07	9.57	0.39	14.67	0.47	-	-	4.23	0.300	-	-	13.22	0.45	4.88	0.29	5.71	0.31	-	-	12.8	0.47	0.42	-	-	
2009	6.34	0.345	6.25	9.59	0.39	14.79	0.47	-	-	4.35	0.302	5.13	0.313	13.72	0.46	4.97	0.30	5.75	0.31	-	-	12.6	0.47	0.42	-	-	
2010	6.19	0.342	6.22	-	-	15.41	0.47	-	-	4.25	0.296	-	-	14.47	0.46	4.82	0.29	5.66	0.31	-	-	12.6	0.47	0.43	-	-	
2011	6.17	0.342	6.24	-	-	15.84	0.48	20.70	0.52	4.29	0.296	-	-	14.71	0.46	4.82	0.29	5.73	0.31	-	-	12.5	0.47	0.42	-	-	
2012	6.13	0.338	6.26	-	-	15.83	0.48	-	-	4.14	0.290	-	-	14.68	0.46	4.67	0.29	5.54	0.31	-	-	12.8	0.48	0.43	-	-	
2013	6.08	0.336	6.12	-	-	15.90	0.48	-	-	4.08	0.288	-	-	14.17	0.46	4.56	0.28	5.43	0.30	-	-	12.1	0.46	0.41	-	-	
2014	6.05	0.336	6.43	-	-	16.62	0.48	-	-	3.98	0.282	4.99	0.310	15.15	0.46	4.42	0.28	5.41	0.30	-	-	12.0	0.46	0.41	-	-	
2015	6.06	0.338	6.30	-	-	16.25	0.48	-	-	3.91	0.279	-	-	14.65	0.46	4.20	0.27	5.11	0.30	-	-	11.8	0.46	0.41	-	-	
2016	6.08	0.336	6.31	-	-	16.53	0.48	21.20	0.52	3.89	0.278	-	-	14.34	0.46	4.46	0.28	5.45	0.30	-	-	11.7	0.46	0.40	-	-	
2017	6.07	0.337	6.43	-	-	-	-	-	-	3.89	0.277	-	-	-	-	-	-	-	-	-	-	-	11.8	0.46	0.40	-	-

Explanation: The higher Gini's concentration coefficient, the more serious the inequality of income distribution.

Note: The data presents official releases of above countries. The comparison should be made cautiously for the difference of income definition. For example, Taiwan is disposable income from all households. U.S. (a) is income from all households after accounting for government cash benefits and taxes, the year of 2007 and before is including capital gains and non-cash transfers, the years of 2008 and 2009 is excluding capital gains. U.S. (b) is income before tax including government cash transfers, but excluding capital gains and non-cash transfers. Japan (a) is yearly income(before tax), and not incorporated with farm households till 1999, not with single households till 2002, Japan (b) is per capita disposable income for all households. South Korea (a) is per capita disposable income for the urban area households (1-person households and farm households are excluded),South Korea(b) is per capita disposable income for all households. Singapore(a) for all households, Singapore(b) and (c) for employed households, all including income from work, (a) and (b) are before accounting for government benefits and taxes, hence having higher ratios and coefficient, (c) is after that. The data of Hong Kong compute on post-tax household income and publish the report every five years.

Source: Japan: (a) Family income and expenditure survey, (b) National Survey of Family Income and Expenditure. South Korea: Annual Report on the Household Income and Expenditure Survey. U.S.: is from Current Population Survey Annual Social and Economic Supplements(CPS ASEC), (a) "Effects of Taxes and Transfers on Income and Poverty", (b) "Income, Poverty, and Health Insurance Coverage in the United States" Singapore: (a) General Household Survey, (b)(c) Data for the year of 2000 and 2010 is from the Census of Population; for the year of 2005 is from General Household Survey; for the year of 2001,2002,2003,2004,2006,2007,2008,2009,2011,2012,2013,2014,2015,2016 and 2017 is from Labour Force Survey. Hong Kong: 2016 Population By-census, Thematic Report: Household Income Distribution in HK.

Table 16 Household Facilities and Housing in Taiwan Area

Unit:%

Year	Household Equipments										Transportation Equipments			Others				Housing				
	Color TV sets			Tele- phone	Washing Machine	Air Conditioner	Cable TV			Microwave Oven	Cell Phone	Motor- cycle	Sedan Vehicle	Personal Computer		News- paper	Maga- zine	Ownership of this house①			Area	
	Total	Others	LCD and PDP TV				Total	Others	MOD					Internet	Internet			Total	Self- owned Dwelling	Spouse, parents or children not living together	Average Space per Household (pin)	Average Space per Person (pin)
1991	99.2	99.2	...	94.8	89.5	52.4	...	...	...	22.2	...	79.2	33.7	9.6	...	62.0	13.6	80.4	...	34.4	8.3	
1996	99.3	99.3	...	97.5	93.0	71.7	59.6	59.6	...	35.2	...	80.8	51.2	22.6	...	52.3	12.5	84.5	...	38.1	9.7	
2001	99.3	99.3	...	97.8	95.1	80.5	72.3	72.3	...	48.0	79.5	79.7	55.6	50.9	76.3	38.8	14.3	85.6	...	41.0	11.5	
2002	99.6	99.6	...	97.9	96.0	83.1	74.8	74.8	...	49.5	83.6	81.0	58.2	56.8	80.9	38.1	14.7	85.4	...	41.7	11.4	
2003	99.5	99.5	...	97.8	96.6	84.5	76.1	76.1	...	50.2	84.6	81.0	57.4	58.7	82.1	35.8	13.1	85.1	...	41.9	11.9	
2004	99.5	99.5	...	97.6	96.9	85.7	78.5	78.5	...	45.0	85.7	80.8	58.0	62.4	85.2	33.6	12.9	86.8	...	42.4	12.1	
2005	99.5	99.5	...	97.6	96.7	85.7	79.0	79.0	...	45.3	86.2	80.9	58.4	63.2	88.4	32.3	12.4	87.3	...	42.2	12.3	
2006	99.6	99.6	...	97.4	97.0	87.5	79.8	79.8	...	46.1	88.0	81.7	59.1	66.1	90.2	28.2	12.2	87.8	...	42.8	12.6	
2007	99.4	99.4	...	96.7	97.5	87.6	79.9	79.9	...	45.6	88.9	83.0	58.7	67.1	91.7	26.6	11.1	88.1	...	43.3	12.8	
2008	99.4	87.4	26.8	96.0	97.3	87.5	81.7	79.6	3.9	44.9	89.8	82.2	58.4	69.3	92.7	23.6	10.0	87.4	...	43.2	12.9	
2009	99.6	81.5	34.9	95.9	97.4	88.3	82.0	79.4	4.5	45.5	90.6	82.9	59.2	70.5	93.6	21.6	9.8	87.9	...	44.0	13.2	
2010	99.4	74.8	43.0	95.7	97.8	89.1	83.0	79.5	5.7	44.4	90.6	82.3	57.8	71.3	94.8	21.1	8.9	88.3	84.9	3.4	43.1	13.2
2011	99.2	67.0	52.4	96.1	97.6	88.8	82.9	78.9	6.6	43.4	91.7	83.0	59.1	71.9	95.1	19.2	7.5	88.5	84.6	3.9	44.0	13.4
2012	99.3	56.3	61.6	94.8	98.1	89.9	83.2	77.7	7.5	43.3	92.3	83.1	58.4	72.3	94.9	17.8	6.5	89.2	85.8	3.4	43.6	13.5
2013	99.3	47.1	70.6	94.7	98.1	90.0	84.4	78.8	7.6	42.7	92.6	82.8	58.4	72.2	95.4	15.8	6.0	88.7	85.3	3.4	43.5	13.5
2014	99.2	38.0	77.1	94.0	98.5	91.7	84.8	78.3	8.9	42.1	93.1	82.9	58.7	70.7	94.9	14.6	5.8	88.3	84.0	4.3	44.1	14.0
2015	99.2	30.1	82.2	92.9	98.4	92.5	85.4	78.7	8.5	40.5	93.5	82.8	59.1	69.3	94.6	13.6	4.9	88.5	84.2	4.2	44.0	14.2
2016	99.1	21.7	87.5	92.8	98.5	93.2	85.9	78.5	8.9	41.7	94.6	83.5	59.7	68.8	94.7	13.1	5.0	89.5	85.4	4.1	44.3	14.4
2017	99.0	15.4	90.8	91.3	98.6	93.9	86.4	77.8	10.2	42.8	95.1	83.8	60.8	68.1	94.1	10.8	4.2	89.3	84.8	4.4	45.0	14.7
by five equal divisions of household according to disposable income																						
1 Lowest 20%	98.1	23.6	80.4	84.4	95.5	82.6	75.5	70.4	5.4	23.9	81.0	70.5	27.4	26.3	82.3	6.1	0.5	83.6	75.9	7.8	38.5	22.6
2	98.7	16.8	89.2	89.3	98.7	92.9	84.7	76.8	8.5	37.0	96.6	83.8	50.0	58.1	90.9	10.1	1.8	86.8	81.7	5.1	41.6	16.4
3	99.3	12.8	93.3	92.5	99.6	97.1	88.6	80.2	9.5	43.9	98.7	87.2	65.2	76.4	94.2	10.3	3.1	89.3	85.4	3.8	44.1	13.8
4	99.2	12.4	94.5	94.4	99.6	97.9	90.9	81.2	11.6	50.6	99.7	90.6	76.3	86.4	96.3	11.8	4.9	91.5	87.8	3.6	47.8	12.7
5 Highest 20%	99.5	11.5	96.7	95.7	99.5	98.8	92.1	80.3	16.1	58.4	99.8	86.8	85.1	93.3	97.5	16.0	10.6	95.2	93.3	1.9	53.2	12.9

Explanation : pin ≡ 3.31 square meters.

Note : ① Concerning ownership of the house, before 2010, the term "self-owned" means owned by household members and their lineal relatives. In 2010, the meaning is amended to owned by household members who usually live in this house in accordance with the definition of 2011 Population and Housing Census.

Table 17 Government Social Transfers In Kind Effect on Income Distribution, by Income Quintile

Year	Disposable income				Government social transfers in kind			Household income after government social transfers in kind				Government social transfers in kind effect A-B
	Average household income (NT\$)			Ratio of 1st quintile to 5th quintile (A)	Average household income (NT\$)			Average household income (NT\$)			Ratio of 1st quintile to 5th quintile (B)	
	All households	1st quintile	5th quintile		All households	1st quintile	5th quintile	All households	1st quintile	5th quintile		
<b>2009</b>	887,605	282,260	1,790,418	6.34	8,967	22,736	4,284	896,571	304,996	1,794,702	5.88	0.46
<b>2010</b>	889,353	288,553	1,787,312	6.19	9,101	24,424	4,262	898,454	312,977	1,791,574	5.72	0.47
<b>2011</b>	907,988	296,352	1,827,354	6.17	9,931	22,268	5,757	917,919	318,620	1,833,111	5.75	0.41
<b>2012</b>	923,584	301,362	1,846,116	6.13	11,376	24,186	7,384	934,960	325,548	1,853,500	5.69	0.43
<b>2013</b>	942,208	309,459	1,882,680	6.08	11,112	23,020	8,412	953,320	332,479	1,891,092	5.69	0.40
<b>2014</b>	956,849	317,144	1,919,937	6.05	11,320	24,092	8,518	968,169	341,236	1,928,455	5.65	0.40
<b>2015</b>	964,895	320,312	1,939,718	6.06	11,797	24,197	9,016	976,692	344,509	1,948,734	5.66	0.40
<b>2016</b>	993,115	329,400	2,004,165	6.08	12,948	23,992	10,953	1,006,062	353,392	2,015,118	5.70	0.38
<b>2017</b>	1,018,941	338,278	2,052,850	6.07	13,500	25,381	11,475	1,032,440	363,660	2,064,324	5.68	0.39