

GDP: Preliminary Estimation for 2016Q1 and Outlook for 2016

May 27, 2016 According to the latest revised estimation by DGBAS, Taiwan's real gross domestic product (GDP) grew by 0.65% in 2015, the lowest growth since the global financial crisis. For 2016, the latest preliminary estimation of real GDP decreased by 0.68% in Q1, compared to the same quarter of the previous year (yoy); and for the whole year, the real GDP is projected to grow by 1.06%.

Preliminary Estimation of real GDP in 2016Q1

The real GDP increased by 3.14% on a quarter-on-quarter, seasonally-adjusted annualized basis (saar), and contracted by 0.68% on a year-on-year basis (yoy) in 2016Q1, 0.16 percentage point higher than in the advanced estimate.

Meanwhile, the economic growth rate of 2015Q4 has been revised to -0.89% (formerly -0.52%). For 2015 as a whole, real GDP grew by 0.65 (formerly 0.75%).

On the demand side, real private final consumption grew by 2.19% (yoy) in 2016Q1, mainly reflecting the increase of consumption on health, transport, communication, clothing-and-footwear, as well as restaurants-and-hotels.

Real gross capital formation contracted by 2.19% (yoy), after the 2.67% contraction in the previous quarter, primarily due to declines in both inventory changes and construction investments, offsetting an increase in machinery and equipment expenditure.

Meanwhile, real exports of goods and services decreased by 4.06% (yoy), following the 2.39% contraction in the previous quarter. Imports also shrank by 1.05% (yoy).

On the production side, the agriculture sector decreased by 18.87% (yoy) in 2016Q1, compared to the 11.08% decline in the previous quarter, due to the strongest cold stream in 10 years and long period of wet weather.

The manufacturing sector decreased by 3.72% (yoy), following the 4.41% decline in the previous quarter, mainly due to the weak market demand for electronical products and severe global competition.

The construction sector decreased by 4.52% (yoy), from the 1.50% decline in the previous quarter, partly by the continuing wet weather and weak demand amid the quarter.

The wholesale & retail trade sector decreased by 2.01% (yoy), down from the fall of 1.23% in the previous quarter.

Outlook for 2016

The global economic outlook has softened, mainly dragged by the advanced economy's weaker outlook. In addition, a further slowdown in the growth of China and the global financial turmoil weigh on world economic prospects.

With a subdued outlook for the world economy and China's import substitution strategy, Taiwan's export momentum is restrained, real exports of goods and services is projected to grow by 1.34%.

Real private final consumption is projected to grow 1.46% at a modest path, reflecting Taiwan's sluggish economy and low wage growth.

Real private gross fixed capital formation is expected to grow 1.09%, supported by semiconductor manufacturers' investment on machinery and equipment for developing advanced process. Yet, the declining housing market restrains construction investment expenditure.

Taking into account the above factors, real GDP will only grow by 1.06% in 2016 and has been revised downward 0.41 percentage point.

Consumer price Indices (CPI) will increase by 1.09% in 2016 and has been revised upward 0.40 percentage point, because damage of extreme weather brought high prices of vegetables and fruits in the first quarter.

For further information:

Statistics Database:

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

DGBAS news releases on the Internet:

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

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Next release – Not Later Than July 29, 2016 for:

Gross Domestic Products for 2016Q2 (Advance estimation)

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
2006	12,640,803	—	11,803,335	—	5.62	—	—
2007	13,407,062	—	12,572,550	—	6.52	—	—
2008	13,150,950	—	12,661,079	—	0.70	—	—
2009	12,961,656	—	12,462,729	—	-1.57	—	—
2010	14,119,213	—	13,787,642	—	10.63	—	—
2011	14,312,200	—	14,312,200	—	3.80	—	—
2012	14,686,917	—	14,607,569	—	2.06	—	—
2013	15,230,739	—	14,929,292	—	2.20	—	—
I	3,682,257	3,702,626	3,514,210	3,676,433	1.46	-0.30	-1.20
II	3,707,831	3,774,682	3,666,246	3,712,943	2.51	0.99	4.03
III	3,863,007	3,850,722	3,814,567	3,742,127	1.47	0.79	3.18
IV	3,977,644	3,902,709	3,934,269	3,797,789	3.31	1.49	6.08
2014	16,097,400	—	15,515,257	—	3.92	—	—
I	3,857,600	3,883,789	3,642,798	3,805,385	3.66	0.20	0.80
II	3,919,678	3,994,569	3,818,297	3,867,846	4.15	1.64	6.73
III	4,090,204	4,080,496	3,977,127	3,916,561	4.26	1.26	5.13
IV	4,229,918	4,138,546	4,077,035	3,925,465	3.63	0.23	0.91
2015(r)	16,687,855	—	15,615,780	—	0.65	—	—
I	4,176,433	4,201,414	3,789,921	3,951,453	4.04	0.66	2.67
II	4,052,079	4,144,059	3,839,951	3,889,187	0.57	-1.58	-6.16
III	4,188,824	4,162,551	3,945,146	3,883,786	-0.80	-0.14	-0.55
IV(r)	4,270,519	4,179,831	4,040,762	3,891,354	-0.89	0.19	0.78
2016(f)	16,971,057	—	15,782,031	—	1.06	—	—
I (p)	4,221,938	4,236,665	3,764,339	3,921,519	-0.68	0.78	3.14
II (f)	4,101,610	4,208,039	3,858,344	3,914,549	0.48	-0.18	-0.71
III (f)	4,276,643	4,249,240	4,022,947	3,958,811	1.97	1.13	4.60
IV (f)	4,370,866	4,277,113	4,136,401	3,987,152	2.37	0.72	2.89

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 (%)
2006	12,640,803	4.54	388,589	11,803,335	5.62	12,952,502	398,171	11,117,367	341,757	11,601,475	2.77
2007	13,407,062	6.06	408,254	12,572,550	6.52	13,739,828	418,387	11,590,959	352,952	12,034,434	3.73
2008	13,150,950	-1.91	416,961	12,661,079	0.70	13,465,596	426,937	11,161,869	353,896	11,203,683	-6.90
2009	12,961,656	-1.44	392,065	12,462,729	-1.57	13,375,650	404,587	10,985,329	332,285	11,182,646	-0.19
2010	14,119,213	8.93	446,105	13,787,642	10.63	14,548,852	459,679	12,194,428	385,290	12,343,643	10.38
2011	14,312,200	1.37	485,653	14,312,200	3.80	14,700,572	498,832	12,290,671	417,057	12,290,671	-0.43
2012	14,686,917	2.62	495,845	14,607,569	2.06	15,141,108	511,179	12,493,108	421,779	12,490,438	1.63
2013	15,230,739	3.70	511,614	14,929,292	2.20	15,654,588	525,851	13,115,430	440,559	12,955,284	3.72
I	3,682,257	2.59	124,605	3,514,210	1.46	3,821,912	129,327	3,219,818	108,955	3,112,955	2.52
II	3,707,831	4.35	123,795	3,666,246	2.51	3,780,082	126,203	3,179,998	106,170	3,162,047	3.10
III	3,863,007	2.56	128,976	3,814,567	1.47	3,963,800	132,337	3,335,468	111,361	3,280,243	4.17
IV	3,977,644	5.30	134,238	3,934,269	3.31	4,088,794	137,984	3,380,146	114,073	3,400,039	5.00
2014	16,097,400	5.69	530,043	15,515,257	3.92	16,566,844	545,500	13,901,100	457,725	13,743,636	6.09
I	3,857,600	4.76	127,066	3,642,798	3.66	4,028,030	132,675	3,393,626	111,772	3,277,741	5.29
II	3,919,678	5.71	129,967	3,818,297	4.15	4,040,263	133,960	3,409,817	113,050	3,370,465	6.59
III	4,090,204	5.88	136,072	3,977,127	4.26	4,187,882	139,316	3,521,932	117,155	3,474,726	5.93
IV	4,229,918	6.34	136,938	4,077,035	3.63	4,310,669	139,549	3,575,725	115,748	3,620,704	6.49
2015(r)	16,687,855	3.67	523,009	15,615,780	0.65	17,247,960	540,515	14,627,180	458,417	14,538,411	5.78
I	4,176,433	8.27	132,207	3,789,921	4.04	4,358,757	137,979	3,690,084	116,812	3,591,412	9.57
II	4,052,079	3.38	130,754	3,839,951	0.57	4,137,324	133,505	3,530,432	113,922	3,532,570	4.81
III	4,188,824	2.41	130,047	3,945,146	-0.80	4,317,036	134,028	3,660,141	113,634	3,645,055	4.90
IV(r)	4,270,519	0.96	130,001	4,040,762	-0.89	4,434,843	135,003	3,746,523	114,049	3,769,374	4.11
2016											
I (p)	4,221,938	1.09	126,595	3,764,339	-0.68	4,417,502	132,459	3,715,952	111,423	3,583,498	-0.22

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		
2006	-1.03	0.60	1.10	3.18	1.87	6.23	0.60	5.63
2007	-0.43	1.16	1.43	3.44	1.79	6.10	1.80	6.47
2008	-2.60	2.60	2.03	6.93	-1.81	7.65	3.52	5.14
2009	0.13	-1.17	0.02	-0.56	-7.41	-9.99	-0.86	-8.73
2010	-1.54	0.70	1.03	1.24	1.80	5.46	0.96	5.46
2011	-2.34	0.88	1.31	1.49	-0.14	5.39	1.42	4.32
2012	0.54	1.19	1.80	0.70	-1.12	-0.39	1.93	-1.16
2013	1.47	0.31	0.27	-2.24	-1.18	-3.83	0.79	-2.43
I	1.11	1.10	0.05	-1.90	-2.35	-3.69	1.80	-3.07
II	1.79	0.20	1.03	-2.97	-1.43	-4.85	0.80	-3.13
III	1.08	-0.14	-0.24	-2.69	-1.12	-4.00	0.04	-2.54
IV	1.92	0.09	0.14	-1.39	0.01	-2.69	0.56	-0.94
2014	1.70	0.68	0.82	1.34	0.47	-1.28	1.20	-0.57
I	1.07	0.45	0.55	1.02	0.55	-0.75	0.80	0.07
II	1.51	1.10	0.27	1.91	0.87	0.17	1.63	0.68
III	1.55	1.10	1.21	1.65	0.11	-0.68	1.51	0.01
IV	2.62	0.07	1.17	0.76	0.44	-3.81	0.84	-3.02
2015(r)	3.01	-0.61	-0.40	-1.96	-4.12	-11.10	-0.31	-8.84
I	4.06	-0.60	0.35	-0.63	-3.23	-11.45	-0.59	-8.51
II	2.79	-1.11	-0.67	-2.59	-5.18	-12.40	-0.70	-9.41
III	3.25	-0.82	-0.63	-2.54	-3.92	-11.65	-0.26	-9.47
IV(r)	1.87	0.12	-0.25	-2.03	-4.25	-8.96	0.33	-7.99
2016(f)	0.62	0.34	1.32	0.12	-1.54	-2.36	1.09	-2.88
I (p)	1.78	0.80	1.66	-0.75	-2.59	-5.20	1.75	-4.99
II (f)	0.74	0.36	1.15	0.03	-1.62	-2.96	1.29	-3.43
III (f)	0.12	0.03	1.20	0.66	-1.56	-1.52	0.66	-2.50
IV (f)	-0.02	0.21	0.49	0.59	-0.32	0.23	0.59	-0.53

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					
2006	12,640,803	11,912,806	6,947,802	1,854,009	3,063,352	2,380,410	200,699	482,243	47,643	727,997	8,316,084	7,588,087
2007	13,407,062	12,341,473	7,197,916	1,922,075	3,205,121	2,501,225	209,930	493,966	16,361	1,065,589	9,349,494	8,283,905
2008	13,150,950	12,468,377	7,260,169	1,991,181	3,045,433	2,284,331	217,618	543,484	171,594	682,573	9,230,775	8,548,202
2009	12,961,656	11,811,481	7,175,511	2,055,721	2,761,737	1,935,945	231,018	594,774	-181,488	1,150,175	7,827,336	6,677,161
2010	14,119,213	13,121,044	7,497,682	2,098,717	3,335,881	2,496,978	249,845	589,058	188,764	998,169	10,013,538	9,015,369
2011	14,312,200	13,349,437	7,798,976	2,167,595	3,346,945	2,558,491	219,898	568,556	35,921	962,763	10,419,700	9,456,937
2012	14,686,917	13,593,547	8,035,105	2,254,282	3,282,131	2,567,030	204,125	510,976	22,029	1,093,370	10,345,375	9,252,005
2013	15,230,739	13,851,218	8,248,385	2,242,637	3,378,731	2,685,854	200,417	492,460	-18,535	1,379,521	10,579,884	9,200,363
I	3,682,257	3,479,899	2,035,308	603,649	823,575	696,068	35,494	92,013	17,367	202,358	2,481,405	2,279,047
II	3,707,831	3,345,005	2,019,560	516,697	832,754	669,738	47,521	115,495	-24,006	362,826	2,690,278	2,327,452
III	3,863,007	3,480,148	2,093,218	542,234	848,276	686,904	38,640	122,732	-3,580	382,859	2,671,448	2,288,589
IV	3,977,644	3,546,166	2,100,299	580,057	874,126	633,144	78,762	162,220	-8,316	431,478	2,736,753	2,305,275
2014	16,097,400	14,434,710	8,580,927	2,341,436	3,484,224	2,809,536	211,720	462,968	28,123	1,662,690	11,258,201	9,595,511
I	3,857,600	3,580,937	2,098,036	630,825	851,058	724,996	40,855	85,207	1,018	276,663	2,604,377	2,327,714
II	3,919,678	3,505,653	2,115,663	531,315	864,533	714,247	41,393	108,893	-5,858	414,025	2,851,865	2,437,840
III	4,090,204	3,690,160	2,206,459	568,780	891,073	729,850	46,581	114,642	23,848	400,044	2,876,143	2,476,099
IV	4,229,918	3,657,960	2,160,769	610,516	877,560	640,443	82,891	154,226	9,115	571,958	2,925,816	2,353,858
2015(r)	16,687,855	14,518,584	8,727,935	2,324,330	3,457,544	2,833,459	191,723	432,362	8,775	2,169,271	10,777,485	8,608,214
I	4,176,433	3,621,933	2,163,026	615,826	842,033	730,209	28,113	83,711	1,048	554,500	2,674,955	2,120,455
II	4,052,079	3,576,669	2,166,388	530,626	847,250	691,768	48,350	107,132	32,405	475,410	2,684,132	2,208,722
III	4,188,824	3,658,736	2,198,772	566,840	896,659	749,718	42,505	104,436	-3,535	530,088	2,683,963	2,153,875
IV(r)	4,270,519	3,661,246	2,199,749	611,038	871,602	661,764	72,755	137,083	-21,143	609,273	2,734,435	2,125,162
2016(f)	16,971,057	14,796,965	8,885,568	2,391,357	3,514,430	2,870,988	196,294	447,148	5,610	2,174,092	10,752,515	8,578,423
I (p)	4,221,938	3,711,053	2,228,182	658,230	831,466	724,204	27,404	79,858	-6,825	510,885	2,499,802	1,988,917
II (f)	4,101,610	3,605,461	2,197,451	538,842	862,281	703,350	50,838	108,093	6,887	496,149	2,648,300	2,152,151
III (f)	4,276,643	3,731,658	2,232,863	576,191	918,333	764,867	43,548	109,918	4,271	544,985	2,759,049	2,214,064
IV (f)	4,370,866	3,748,793	2,227,072	618,094	902,350	678,567	74,504	149,279	1,277	622,073	2,845,364	2,223,291

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

Unit:%

Period	Total	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					
2006	100.00	94.24	54.96	14.67	24.23	18.83	1.59	3.81	0.38	5.76	65.79	60.03
2007	100.00	92.05	53.69	14.34	23.91	18.66	1.57	3.68	0.12	7.95	69.74	61.79
2008	100.00	94.81	55.21	15.14	23.16	17.37	1.65	4.13	1.30	5.19	70.19	65.00
2009	100.00	91.13	55.36	15.86	21.31	14.94	1.78	4.59	-1.40	8.87	60.39	51.51
2010	100.00	92.93	53.10	14.86	23.63	17.68	1.77	4.17	1.34	7.07	70.92	63.85
2011	100.00	93.27	54.49	15.15	23.39	17.88	1.54	3.97	0.25	6.73	72.80	66.08
2012	100.00	92.56	54.71	15.35	22.35	17.48	1.39	3.48	0.15	7.44	70.44	62.99
2013	100.00	90.94	54.16	14.72	22.18	17.63	1.32	3.23	-0.12	9.06	69.46	60.41
I	100.00	94.50	55.27	16.39	22.37	18.90	0.96	2.50	0.47	5.50	67.39	61.89
II	100.00	90.21	54.47	13.94	22.46	18.06	1.28	3.11	-0.65	9.79	72.56	62.77
III	100.00	90.09	54.19	14.04	21.96	17.78	1.00	3.18	-0.09	9.91	69.15	59.24
IV	100.00	89.15	52.80	14.58	21.98	15.92	1.98	4.08	-0.21	10.85	68.80	57.96
2014	100.00	89.67	53.31	14.55	21.64	17.45	1.32	2.88	0.17	10.33	69.94	59.61
I	100.00	92.83	54.39	16.35	22.06	18.79	1.06	2.21	0.03	7.17	67.51	60.34
II	100.00	89.44	53.98	13.56	22.06	18.22	1.06	2.78	-0.15	10.56	72.76	62.19
III	100.00	90.22	53.94	13.91	21.79	17.84	1.14	2.80	0.58	9.78	70.32	60.54
IV	100.00	86.48	51.08	14.43	20.75	15.14	1.96	3.65	0.22	13.52	69.17	55.65
2015(r)	100.00	87.00	52.30	13.93	20.72	16.98	1.15	2.59	0.05	13.00	64.58	51.58
I	100.00	86.72	51.79	14.75	20.16	17.48	0.67	2.00	0.03	13.28	64.05	50.77
II	100.00	88.27	53.46	13.10	20.91	17.07	1.19	2.64	0.80	11.73	66.24	54.51
III	100.00	87.35	52.49	13.53	21.41	17.90	1.01	2.49	-0.08	12.65	64.07	51.42
IV(r)	100.00	85.73	51.51	14.31	20.41	15.50	1.70	3.21	-0.50	14.27	64.03	49.76
2016(f)	100.00	87.19	52.36	14.09	20.71	16.92	1.16	2.63	0.03	12.81	63.36	50.55
I (p)	100.00	87.90	52.78	15.59	19.69	17.15	0.65	1.89	-0.16	12.10	59.21	47.11
II (f)	100.00	87.90	53.58	13.14	21.02	17.15	1.24	2.64	0.17	12.10	64.57	52.47
III (f)	100.00	87.26	52.21	13.47	21.47	17.88	1.02	2.57	0.10	12.74	64.51	51.77
IV (f)	100.00	85.77	50.95	14.14	20.64	15.52	1.70	3.42	0.03	14.23	65.10	50.87

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					
2006	5.62	1.41	1.79	-0.63	1.52	4.57	-7.73	-8.00	--	--	11.38	4.66
2007	6.52	1.83	2.42	2.20	1.14	1.88	2.20	-2.80	--	--	10.45	2.89
2008	0.70	-2.44	-1.69	1.54	-11.13	-14.15	-1.98	0.44	--	--	0.55	-4.13
2009	-1.57	-4.51	0.01	3.22	-8.81	-15.32	2.37	14.07	--	--	-8.42	-13.22
2010	10.63	10.29	3.76	1.05	19.31	27.63	7.49	-2.92	--	--	25.67	28.03
2011	3.80	0.57	3.12	1.95	-1.15	1.20	-13.44	-5.78	--	--	4.20	-0.46
2012	2.06	0.63	1.82	2.16	-2.61	-0.35	-7.42	-10.95	--	--	0.41	-1.78
2013	2.20	2.03	2.34	-0.79	5.30	7.09	2.99	-2.79	--	--	3.50	3.40
I	1.46	1.96	0.92	-0.02	6.51	7.88	18.59	-6.67	--	--	4.14	5.18
II	2.51	0.85	2.43	-1.67	5.52	8.20	3.22	-7.10	--	--	4.62	2.43
III	1.47	0.88	1.71	-0.41	1.54	3.30	-11.12	-3.34	--	--	1.74	0.90
IV	3.31	4.44	4.32	-0.99	7.81	9.40	4.84	3.42	--	--	3.61	5.22
2014	3.92	3.56	3.33	3.55	1.76	3.17	5.31	-7.36	--	--	5.91	5.65
I	3.66	2.52	2.61	3.93	2.30	3.06	14.78	-8.30	--	--	4.38	2.90
II	4.15	3.66	3.62	2.56	1.87	4.55	-14.17	-7.30	--	--	5.09	4.55
III	4.26	4.87	4.26	3.64	3.34	4.50	19.96	-8.53	--	--	7.54	8.94
IV	3.63	3.15	2.81	4.04	-0.36	0.36	5.76	-6.01	--	--	6.44	6.14
2015(r)	0.65	1.46	2.34	-0.33	1.23	2.75	-6.94	-4.30	--	--	-0.16	0.92
I	4.04	1.71	3.73	-2.71	-0.44	1.33	-30.02	-1.32	--	--	6.13	2.87
II	0.57	3.51	3.55	0.54	0.60	-0.64	21.83	0.60	--	--	-0.74	3.43
III	-0.80	0.32	0.48	0.29	3.24	5.24	-5.74	-5.90	--	--	-2.88	-1.54
IV(r)	-0.89	0.40	1.69	0.34	1.38	5.27	-10.63	-8.16	--	--	-2.39	-0.83
2016(f)	1.06	1.45	1.46	1.55	1.52	1.09	1.71	4.24	--	--	1.34	2.06
I (p)	-0.68	1.63	2.19	5.14	-0.50	-0.14	-2.98	-3.15	--	--	-4.06	-1.05
II (f)	0.48	0.40	1.07	0.39	1.74	1.58	4.18	1.67	--	--	0.29	0.42
III (f)	1.97	1.59	1.52	0.44	1.75	1.18	1.52	5.84	--	--	4.43	4.37
IV (f)	2.37	2.18	1.04	0.66	2.93	1.78	1.94	9.24	--	--	4.39	4.38

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					
2006	5.62	1.36	1.01	-0.10	0.37	0.84	-0.14	-0.33	0.08	4.26	6.90	2.63
2007	6.52	1.38	1.33	0.32	0.28	0.35	0.03	-0.11	-0.55	5.14	6.87	1.73
2008	0.70	-2.24	-0.91	0.22	-2.66	-2.64	-0.03	0.02	1.11	2.94	0.39	-2.55
2009	-1.57	-4.25	0.01	0.49	-2.04	-2.66	0.04	0.58	-2.70	2.68	-5.91	-8.59
2010	10.63	9.56	2.08	0.17	4.12	4.13	0.13	-0.13	3.20	1.07	15.50	14.44
2011	3.80	0.53	1.65	0.29	-0.27	0.21	-0.24	-0.24	-1.14	3.27	2.98	-0.29
2012	2.06	0.59	0.99	0.33	-0.61	-0.06	-0.11	-0.44	-0.12	1.47	0.30	-1.18
2013	2.20	1.88	1.28	-0.12	1.18	1.24	0.04	-0.10	-0.46	0.32	2.46	2.14
I	1.46	1.89	0.55	-0.01	1.45	1.47	0.17	-0.19	-0.10	-0.43	2.87	3.30
II	2.51	0.80	1.34	-0.26	1.25	1.46	0.04	-0.25	-1.54	1.71	3.27	1.56
III	1.47	0.81	0.92	-0.07	0.35	0.60	-0.13	-0.11	-0.40	0.66	1.23	0.57
IV	3.31	3.95	2.23	-0.15	1.70	1.46	0.10	0.15	0.16	-0.64	2.56	3.20
2014	3.92	3.24	1.80	0.52	0.39	0.56	0.07	-0.24	0.52	0.69	4.10	3.42
I	3.66	2.33	1.45	0.57	0.51	0.53	0.17	-0.19	-0.21	1.33	3.03	1.69
II	4.15	3.32	1.96	0.37	0.41	0.81	-0.18	-0.23	0.58	0.82	3.56	2.74
III	4.26	4.41	2.30	0.53	0.74	0.79	0.22	-0.27	0.84	-0.15	5.21	5.36
IV	3.63	2.84	1.49	0.61	-0.07	0.12	0.07	-0.26	0.81	0.79	4.49	3.70
2015(r)	0.65	1.31	1.25	-0.05	0.27	0.48	-0.09	-0.12	-0.15	-0.66	-0.11	0.55
I	4.04	1.56	2.06	-0.39	-0.10	0.25	-0.32	-0.03	-0.01	2.48	4.20	1.71
II	0.57	3.14	1.90	0.08	0.13	-0.12	0.23	0.02	1.03	-2.57	-0.53	2.05
III	-0.80	0.29	0.25	0.04	0.70	0.93	-0.06	-0.16	-0.71	-1.09	-2.02	-0.93
IV(r)	-0.89	0.37	0.88	0.05	0.29	0.81	-0.22	-0.30	-0.85	-1.26	-1.71	-0.45
2016(f)	1.06	1.26	0.76	0.22	0.31	0.19	0.02	0.11	-0.03	-0.20	0.86	1.06
I (p)	-0.68	1.42	1.13	0.70	-0.07	-0.05	0.00	-0.03	-0.34	-2.09	-2.63	-0.53
II (f)	0.48	0.29	0.54	0.06	0.35	0.27	0.05	0.04	-0.66	0.19	0.18	0.00
III (f)	1.97	1.38	0.80	0.06	0.34	0.17	0.02	0.15	0.18	0.59	2.88	2.28
IV (f)	2.37	1.93	0.59	0.07	0.61	0.35	0.00	0.26	0.66	0.44	2.82	2.38

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) ; Px : Deflators of component X ; P_{GDP} : 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 Discre- pancy	
			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 (1)	Public Administration and Defence : Compulsory Social Security	Other (2)			
2006	12,640,803	197,606	4,092,655	18,908	3,504,052	158,484	78,407	332,804	8,350,542	2,195,126	398,271	426,895	901,706	1,036,741	950,927	2,440,876	0
2007	13,407,062	191,886	4,362,723	22,896	3,764,569	134,882	86,543	353,833	8,680,010	2,309,925	412,001	446,741	943,545	1,090,456	947,340	2,530,002	172,443
2008	13,150,950	201,656	4,073,510	23,564	3,567,420	39,959	87,167	355,400	8,737,654	2,319,485	388,038	454,657	912,828	1,108,305	988,665	2,565,676	138,130
2009	12,961,656	215,109	4,034,619	18,030	3,422,636	187,971	86,432	319,550	8,556,951	2,223,440	363,325	453,945	797,576	1,148,078	994,245	2,576,342	154,977
2010	14,119,213	224,828	4,754,052	19,008	4,090,594	182,902	94,504	367,044	9,095,867	2,367,946	427,866	465,419	871,705	1,188,787	1,034,284	2,739,860	44,466
2011	14,312,200	245,783	4,725,408	17,174	4,102,225	126,013	96,943	383,053	9,341,009	2,443,613	398,441	461,781	915,039	1,211,679	1,054,319	2,856,137	0
2012	14,686,917	242,400	4,756,737	15,500	4,120,882	134,895	100,937	384,523	9,525,363	2,451,902	416,669	462,034	932,853	1,241,814	1,076,339	2,943,752	162,417
2013	15,230,739	255,728	5,074,385	15,471	4,360,226	202,292	100,484	395,912	9,835,454	2,574,104	422,738	467,449	972,520	1,288,289	1,062,983	3,047,371	65,172
I	3,682,257	59,026	1,177,451	4,002	1,005,941	38,910	22,122	106,476	2,471,116	628,176	104,481	113,242	232,432	311,908	312,622	768,255	-25,336
II	3,707,831	67,218	1,264,245	3,755	1,097,165	38,724	27,712	96,889	2,384,458	621,284	95,879	113,069	257,908	319,841	253,181	723,296	-8,090
III	3,863,007	58,699	1,367,222	3,284	1,172,236	69,280	26,221	96,201	2,427,007	620,459	109,433	118,816	244,836	310,368	256,040	767,055	10,079
IV	3,977,644	70,785	1,265,467	4,430	1,084,884	55,378	24,429	96,346	2,552,873	704,185	112,945	122,322	237,344	346,172	241,140	788,765	88,519
2014	16,097,400	290,175	5,526,395	16,766	4,758,605	241,663	100,096	409,265	10,180,158	2,635,811	453,590	471,934	1,052,291	1,321,099	1,070,406	3,175,027	100,672
I	3,857,600	73,819	1,257,286	3,880	1,066,300	57,296	21,910	107,900	2,542,906	638,132	109,204	115,366	249,156	319,841	315,172	796,035	-16,411
II	3,919,678	80,507	1,379,259	3,988	1,195,581	51,520	27,621	100,549	2,463,894	639,681	98,676	114,376	279,544	325,897	251,784	753,936	-3,982
III	4,090,204	63,353	1,477,471	3,716	1,264,733	83,049	26,208	99,765	2,524,899	635,155	115,013	118,479	277,163	318,712	258,579	801,798	24,481
IV	4,229,918	72,496	1,412,379	5,182	1,231,991	49,798	24,357	101,051	2,648,459	722,843	130,697	123,713	246,428	356,649	244,871	823,258	96,584
2015(r)	16,687,855	295,923	5,873,366	17,138	5,031,638	307,719	96,923	419,948	10,416,819	2,640,713	548,490	466,979	1,092,094	1,349,761	1,065,808	3,252,974	101,747
I	4,176,433	69,211	1,457,183	4,738	1,249,920	69,388	21,308	111,829	2,626,634	647,533	143,328	114,572	258,901	327,877	315,000	819,423	23,405
II	4,052,079	77,225	1,466,520	4,086	1,263,799	67,383	26,327	104,925	2,519,053	638,184	122,273	112,728	293,751	333,173	251,227	767,717	-10,719
III	4,188,824	71,491	1,526,589	3,458	1,295,426	100,815	25,220	101,670	2,561,414	629,172	137,269	117,347	275,860	323,910	258,876	818,980	29,330
IV(r)	4,270,519	77,996	1,423,074	4,856	1,222,493	70,133	24,068	101,524	2,709,718	725,824	145,620	122,332	263,582	364,801	240,705	846,854	59,731
2016																	
I (p)	4,221,938	70,198	1,432,064	3,852	1,226,252	72,693	21,256	108,011	2,677,862	641,939	147,201	113,893	263,262	334,321	321,269	855,977	41,814

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) Includes 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	Other (3)		
2006	100.00	1.56	32.38	0.15	27.72	1.25	0.62	2.63	66.06	17.37	3.15	3.38	7.13	8.20	7.52	19.31
2007	100.00	1.45	32.96	0.17	28.44	1.02	0.65	2.67	65.59	17.45	3.11	3.38	7.13	8.24	7.16	19.12
2008	100.00	1.55	31.30	0.18	27.41	0.31	0.67	2.73	67.15	17.82	2.98	3.49	7.01	8.52	7.60	19.72
2009	100.00	1.68	31.50	0.14	26.73	1.47	0.67	2.50	66.82	17.36	2.84	3.54	6.23	8.96	7.76	20.12
2010	100.00	1.60	33.78	0.14	29.06	1.30	0.67	2.61	64.63	16.82	3.04	3.31	6.19	8.45	7.35	19.47
2011	100.00	1.72	33.02	0.12	28.66	0.88	0.68	2.68	65.27	17.07	2.78	3.23	6.39	8.47	7.37	19.96
2012	100.00	1.67	32.75	0.11	28.37	0.93	0.69	2.65	65.58	16.88	2.87	3.18	6.42	8.55	7.41	20.27
2013	100.00	1.69	33.46	0.10	28.75	1.33	0.66	2.61	64.85	16.97	2.79	3.08	6.41	8.49	7.01	20.09
I	100.00	1.59	31.76	0.11	27.13	1.05	0.60	2.87	66.65	16.94	2.82	3.05	6.27	8.41	8.43	20.72
II	100.00	1.81	34.02	0.10	29.53	1.04	0.75	2.61	64.17	16.72	2.58	3.04	6.94	8.61	6.81	19.46
III	100.00	1.52	35.49	0.09	30.42	1.80	0.68	2.50	62.99	16.10	2.84	3.08	6.35	8.06	6.65	19.91
IV	100.00	1.82	32.54	0.11	27.90	1.42	0.63	2.48	65.64	18.11	2.90	3.15	6.10	8.90	6.20	20.28
2014	100.00	1.81	34.55	0.10	29.75	1.51	0.63	2.56	63.64	16.48	2.84	2.95	6.58	8.26	6.69	19.85
I	100.00	1.91	32.45	0.10	27.52	1.48	0.57	2.79	65.64	16.47	2.82	2.98	6.43	8.26	8.14	20.55
II	100.00	2.05	35.15	0.10	30.47	1.31	0.70	2.56	62.80	16.30	2.51	2.92	7.12	8.31	6.42	19.22
III	100.00	1.56	36.34	0.09	31.11	2.04	0.64	2.45	62.10	15.62	2.83	2.91	6.82	7.84	6.36	19.72
IV	100.00	1.75	34.17	0.13	29.81	1.20	0.59	2.44	64.08	17.49	3.16	2.99	5.96	8.63	5.92	19.92
2015(r)	100.00	1.78	35.41	0.10	30.34	1.86	0.58	2.53	62.80	15.92	3.31	2.82	6.58	8.14	6.43	19.61
I	100.00	1.67	35.09	0.11	30.10	1.67	0.51	2.69	63.25	15.59	3.45	2.76	6.23	7.89	7.58	19.73
II	100.00	1.90	36.10	0.10	31.11	1.66	0.65	2.58	62.00	15.71	3.01	2.77	7.23	8.20	6.18	18.90
III	100.00	1.72	36.70	0.08	31.14	2.42	0.61	2.44	61.58	15.13	3.30	2.82	6.63	7.79	6.22	19.69
IV(r)	100.00	1.85	33.80	0.12	29.03	1.67	0.57	2.41	64.35	17.24	3.46	2.91	6.26	8.66	5.72	20.11
2016																
I (p)	100.00	1.68	34.26	0.09	29.34	1.74	0.51	2.58	64.06	15.36	3.52	2.72	6.30	8.00	7.69	20.48

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) Includes 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	Other (2)		
2006	5.62	12.37	6.96	-19.71	7.61	0.66	9.02	4.37	4.54	5.76	3.33	3.94	3.20	8.12	-0.13	4.72
2007	6.52	-0.02	11.07	-0.20	12.92	-7.29	10.66	1.06	4.62	5.89	4.96	2.57	7.20	6.41	-1.33	4.37
2008	0.70	0.02	-0.37	-9.20	0.42	-1.03	4.59	-9.12	0.41	0.84	-1.15	3.83	-3.58	1.52	0.97	0.46
2009	-1.57	-2.60	-2.86	-10.07	-2.51	26.63	1.24	-10.16	-1.02	-1.88	-4.99	2.61	-7.49	2.26	0.82	-0.13
2010	10.63	2.25	20.83	44.39	22.66	4.80	4.43	13.68	6.28	6.31	7.55	9.42	8.43	4.54	3.10	6.85
2011	3.80	4.52	5.98	-4.80	6.79	2.79	-1.73	0.99	3.07	3.74	2.10	3.56	4.22	1.68	0.03	3.96
2012	2.06	-3.20	3.29	-1.01	3.72	1.69	6.38	-1.39	1.27	1.10	1.83	3.05	1.09	1.81	0.70	1.11
2013	2.20	1.35	1.67	-4.18	1.70	3.12	2.26	0.93	2.29	1.61	7.64	3.39	4.00	2.95	-0.65	2.17
I	1.46	-3.27	1.27	-2.84	1.13	1.07	1.67	2.23	2.02	1.68	6.15	2.64	0.94	4.34	-0.08	1.83
II	2.51	6.01	1.38	-2.31	1.50	2.12	3.60	0.07	1.92	0.46	7.94	4.31	4.82	3.28	-0.01	1.07
III	1.47	-3.39	2.18	-6.25	2.26	7.31	3.05	0.12	1.70	0.53	7.10	2.66	3.75	1.57	-1.43	2.16
IV	3.31	4.76	1.78	-5.19	1.81	2.19	0.70	1.41	3.46	3.56	9.32	3.99	6.48	2.68	-1.07	3.51
2014	3.92	0.52	6.96	-3.65	7.93	1.71	3.08	0.42	2.92	3.90	0.59	2.09	7.56	1.93	-0.36	2.61
I	3.66	3.63	4.78	-9.58	5.24	11.49	3.11	0.02	2.76	3.25	1.72	2.81	7.22	2.10	-0.45	2.47
II	4.15	-1.38	7.01	-4.02	7.94	15.85	1.72	0.59	3.24	5.38	2.24	2.50	7.51	1.45	-0.96	2.55
III	4.26	-4.57	8.25	-1.19	9.44	3.76	3.33	0.32	3.47	4.30	-0.08	0.99	12.27	2.06	-0.18	2.85
IV	3.63	4.13	7.53	-0.21	8.71	-11.26	4.12	0.83	2.24	2.85	-1.37	2.15	3.05	2.10	0.20	2.55
2015(r)	0.65	-3.88	-0.86	-6.44	-0.52	-6.97	-1.09	-1.03	0.47	-1.06	0.98	2.70	3.54	0.88	0.53	0.14
I	4.04	1.94	6.13	2.63	7.23	-0.42	-1.54	0.04	1.06	0.79	2.47	1.05	3.46	1.34	0.45	0.45
II	0.57	-2.81	-0.79	-6.36	-0.27	-7.81	-1.91	-1.32	0.52	-1.29	1.96	2.08	5.18	0.86	1.17	-0.49
III	-0.80	-1.32	-3.27	-12.51	-3.25	-5.94	-1.17	-1.44	-0.47	-2.62	-1.01	3.44	-0.88	0.42	1.34	-0.29
IV(r)	-0.89	-11.08	-4.44	-8.82	-4.41	-11.75	0.17	-1.50	0.80	-1.23	0.48	4.10	6.76	0.90	-0.94	0.87
2016																
I (p)	-0.68	-18.87	-3.55	-15.61	-3.72	0.04	-0.28	-4.52	0.10	-2.01	-2.52	3.37	0.95	0.75	-0.08	1.35

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) Includes 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	Other (2)		
2006	5.62	0.20	2.24	-0.03	2.11	0.01	0.05	0.10	3.01	0.99	0.11	0.14	0.24	0.64	-0.01	0.90
2007	6.52	0.00	3.58	0.00	3.58	-0.10	0.07	0.03	3.05	1.02	0.16	0.09	0.51	0.53	-0.10	0.84
2008	0.70	0.00	-0.13	-0.02	0.12	-0.02	0.03	-0.24	0.28	0.15	-0.04	0.13	-0.26	0.13	0.07	0.10
2009	-1.57	-0.04	-0.89	-0.02	-0.69	0.09	0.01	-0.28	-0.69	-0.33	-0.15	0.09	-0.53	0.19	0.06	-0.02
2010	10.63	0.04	6.56	0.06	6.06	0.07	0.03	0.34	4.19	1.10	0.21	0.33	0.53	0.41	0.24	1.37
2011	3.80	0.07	2.03	-0.01	1.97	0.05	-0.01	0.03	1.98	0.63	0.06	0.12	0.26	0.14	0.00	0.77
2012	2.06	-0.05	1.07	0.00	1.07	0.00	0.04	-0.04	0.84	0.19	0.05	0.10	0.07	0.15	0.05	0.23
2013	2.20	0.02	0.55	0.00	0.48	0.03	0.02	0.02	1.50	0.27	0.22	0.11	0.26	0.25	-0.05	0.44
I	1.46	-0.05	0.44	0.00	0.35	0.01	0.01	0.07	1.37	0.30	0.19	0.08	0.06	0.37	0.00	0.37
II	2.51	0.11	0.43	0.00	0.42	-0.02	0.03	0.00	1.28	0.08	0.22	0.14	0.34	0.28	0.00	0.22
III	1.47	-0.06	0.73	0.00	0.63	0.07	0.02	0.01	1.07	0.09	0.19	0.08	0.24	0.13	-0.11	0.45
IV	3.31	0.09	0.57	-0.01	0.51	0.05	0.00	0.02	2.26	0.62	0.27	0.13	0.38	0.24	-0.08	0.70
2014	3.92	0.01	2.34	0.00	2.28	0.03	0.02	0.01	1.88	0.66	0.02	0.06	0.49	0.16	-0.02	0.51
I	3.66	0.05	1.47	-0.01	1.39	0.07	0.02	0.00	1.83	0.60	0.04	0.09	0.46	0.18	-0.04	0.50
II	4.15	-0.02	2.34	0.00	2.29	0.02	0.01	0.02	2.10	0.89	0.07	0.08	0.51	0.12	-0.08	0.51
III	4.26	-0.07	2.92	0.00	2.88	0.01	0.02	0.01	2.23	0.66	0.01	0.03	0.79	0.17	-0.01	0.58
IV	3.63	0.08	2.51	0.00	2.50	-0.04	0.03	0.02	1.45	0.51	-0.04	0.07	0.19	0.18	0.03	0.51
2015(r)	0.65	-0.07	-0.30	-0.01	-0.15	-0.10	-0.01	-0.03	0.30	-0.17	0.03	0.08	0.23	0.07	0.04	0.02
I	4.04	0.02	1.99	0.00	1.99	0.00	-0.01	0.01	0.67	0.11	0.08	0.03	0.23	0.11	0.03	0.08
II	0.57	-0.04	-0.25	-0.01	-0.08	-0.12	-0.01	-0.03	0.31	-0.21	0.06	0.06	0.36	0.07	0.08	-0.11
III	-0.80	-0.05	-1.18	-0.01	-1.02	-0.10	-0.01	-0.04	-0.28	-0.36	-0.03	0.10	-0.06	0.04	0.09	-0.06
IV(r)	-0.89	-0.20	-1.56	-0.01	-1.32	-0.19	0.00	-0.04	0.52	-0.22	0.01	0.12	0.40	0.08	-0.06	0.19
2016																
I (p)	-0.68	-0.32	-1.26	-0.02	-1.12	0.01	0.00	-0.13	0.06	-0.36	-0.06	0.10	0.07	0.06	-0.01	0.26

Note : 1. 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) ; Px : Deflators of component X ; P_{GDP} : 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) Includes 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\$)	(%)	(%)	(%)
2006	4,022,143	31.05	3,110,995	24.02	911,148	7.03	22.65	29.29
2007	4,322,467	31.46	3,221,482	23.45	1,100,985	8.01	25.47	34.18
2008	3,987,872	29.62	3,217,027	23.89	770,845	5.72	19.33	23.96
2009	3,918,237	29.29	2,580,249	19.29	1,337,988	10.00	34.15	51.85
2010	4,821,815	33.14	3,524,645	24.23	1,297,170	8.92	26.90	36.80
2011	4,624,899	31.46	3,382,866	23.01	1,242,033	8.45	26.86	36.72
2012	4,611,020	30.45	3,304,160	21.82	1,306,860	8.63	28.34	39.55
2013	5,008,844	32.00	3,360,196	21.46	1,648,648	10.53	32.91	49.06
I	1,189,503	31.12	840,942	22.00	348,561	9.12	29.30	41.45
II	1,232,086	32.59	808,748	21.39	423,338	11.20	34.36	52.34
III	1,288,444	32.51	844,696	21.31	443,748	11.20	34.44	52.53
IV	1,298,811	31.77	865,810	21.18	433,001	10.59	33.34	50.01
2014	5,459,331	32.95	3,512,347	21.20	1,946,984	11.75	35.66	55.43
I	1,304,162	32.38	852,076	21.15	452,086	11.22	34.66	53.06
II	1,372,014	33.96	858,675	21.25	513,339	12.71	37.41	59.78
III	1,362,756	32.54	914,921	21.85	447,835	10.69	32.86	48.95
IV	1,420,399	32.95	886,675	20.57	533,724	12.38	37.58	60.19
2015(r)	5,987,534	34.71	3,466,319	20.10	2,521,215	14.62	42.11	72.73
I	1,533,537	35.18	843,081	19.34	690,456	15.84	45.02	81.90
II	1,414,470	34.19	879,655	21.26	534,815	12.93	37.81	60.80
III	1,496,900	34.67	893,124	20.69	603,776	13.99	40.34	67.60
IV(r)	1,542,627	34.78	850,459	19.18	692,168	15.61	44.87	81.39
2016(f)	6,131,967	34.95	3,520,040	20.06	2,611,927	14.89	42.60	74.20
I (p)	1,471,399	33.31	824,641	18.67	646,758	14.64	43.96	78.43
II (f)	1,440,629	34.26	869,168	20.67	571,461	13.59	39.67	65.75
III (f)	1,570,361	35.63	922,604	20.93	647,757	14.70	41.25	70.21
IV (f)	1,649,578	36.52	903,627	20.00	745,951	16.51	45.22	82.55

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 (%)	
2006	255,925	12.16	232,892	9.81	23,033	225,904	13.09	206,442	11.33	19,462
2007	285,147	11.42	251,844	8.14	33,303	248,792	10.13	223,115	8.08	25,677
2008	294,572	3.31	272,201	8.08	22,371	258,051	3.72	244,467	9.57	13,585
2009	237,630	-19.33	202,234	-25.70	35,396	205,663	-20.30	177,598	-27.35	28,065
2010	317,636	33.67	285,134	40.99	32,502	278,008	35.18	256,274	44.30	21,734
2011	355,243	11.84	321,424	12.73	33,819	312,923	12.56	288,062	12.40	24,861
2012	350,094	-1.45	311,967	-2.94	38,127	306,409	-2.08	277,324	-3.73	29,085
2013	357,353	2.07	309,787	-0.70	47,566	311,428	1.64	278,010	0.25	33,418
I	84,601	3.02	77,476	2.70	7,125	73,804	2.52	70,030	4.57	3,775
II	90,421	2.34	77,961	-3.30	12,460	79,732	3.25	70,207	-2.32	9,525
III	89,383	0.48	76,327	-3.23	13,056	77,590	-1.09	67,869	-3.48	9,721
IV	92,948	2.52	78,023	1.29	14,925	80,302	1.97	69,904	2.56	10,397
2014	372,148	4.14	317,238	2.41	54,910	320,092	2.78	281,850	1.38	38,242
I	86,237	1.93	77,062	-0.53	9,175	74,681	1.19	68,749	-1.83	5,932
II	94,492	4.50	80,772	3.61	13,720	81,784	2.57	72,393	3.11	9,391
III	95,974	7.37	82,620	8.24	13,354	82,814	6.73	72,930	7.46	9,883
IV	95,445	2.69	76,784	-1.59	18,661	80,814	0.64	67,778	-3.04	13,036
2015(r)	340,070	-8.62	271,796	-14.32	68,274	285,344	-10.86	237,219	-15.83	48,124
I	84,696	-1.79	67,137	-12.88	17,559	71,305	-4.52	58,729	-14.57	12,575
II	86,902	-8.03	71,519	-11.46	15,383	73,211	-10.48	61,481	-15.07	11,730
III	84,588	-11.86	67,937	-17.77	16,651	71,224	-13.99	59,435	-18.50	11,789
IV(r)	83,884	-12.11	65,203	-15.08	18,681	69,604	-13.87	57,574	-15.05	12,030
2016(f)	328,118	-3.51	261,786	-3.68	66,332	274,915	-3.65	224,498	-5.36	50,417
I (p)	75,498	-10.86	60,072	-10.52	15,426	62,668	-12.11	50,514	-13.99	12,154
II (f)	81,336	-6.40	66,098	-7.58	15,238	68,216	-6.82	55,863	-9.14	12,353
III (f)	84,323	-0.31	67,667	-0.40	16,656	71,467	0.34	58,581	-1.44	12,886
IV (f)	86,961	3.67	67,949	4.21	19,012	72,564	4.25	59,540	3.41	13,024

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
2012								
I	3,623,402	3,341,677	1,981,609	551,740	808,328	281,725	2,563,672	2,281,947
II	3,617,722	3,368,519	1,980,895	557,426	830,198	249,203	2,568,243	2,319,040
III	3,678,939	3,376,407	1,994,544	549,396	832,467	302,532	2,661,527	2,358,995
IV	3,687,506	3,347,248	1,983,859	555,885	807,504	340,258	2,668,689	2,328,431
2013								
I	3,676,433	3,412,845	2,006,545	551,031	855,430	263,307	2,665,963	2,402,656
II	3,712,943	3,398,883	2,022,806	550,512	825,643	314,600	2,699,393	2,384,793
III	3,742,127	3,408,270	2,029,980	547,512	830,876	334,634	2,713,256	2,378,622
IV	3,797,789	3,486,932	2,067,103	547,999	872,022	311,165	2,749,526	2,438,361
2014								
I	3,805,385	3,504,885	2,067,610	573,145	864,250	300,001	2,773,975	2,473,974
II	3,867,846	3,518,322	2,091,084	563,057	864,292	350,751	2,848,880	2,498,129
III	3,916,561	3,590,128	2,117,325	568,792	904,469	325,610	2,916,510	2,590,900
IV	3,925,465	3,581,584	2,120,860	570,145	890,860	343,831	2,928,308	2,584,477
2015								
I	3,951,453	3,556,641	2,136,241	552,675	867,731	397,746	2,955,765	2,558,019
II	3,889,187	3,622,817	2,143,709	565,742	914,040	263,444	2,823,957	2,560,513
III	3,883,786	3,604,632	2,143,133	573,984	887,606	277,125	2,822,509	2,545,384
IV(r)	3,891,354	3,618,161	2,170,183	575,133	872,522	269,919	2,846,801	2,576,882
2016								
I (p)	3,921,519	3,623,931	2,178,585	579,998	864,397	299,963	2,832,323	2,532,360
II (f)	3,914,549	3,644,372	2,178,309	572,139	893,968	264,022	2,853,735	2,589,713
III (f)	3,958,811	3,657,976	2,174,800	574,134	909,535	293,448	2,941,593	2,648,145
IV (f)	3,987,152	3,684,977	2,186,618	576,523	922,580	293,143	2,974,577	2,681,434

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	
2012									
I	10.54	12.20	7.57	4.76	31.23	--	-2.34	-1.44	
II	-0.63	3.25	-0.14	4.19	11.27	--	0.72	6.66	
III	6.94	0.94	2.78	-5.64	1.10	--	15.34	7.07	
IV	0.93	-3.41	-2.13	4.81	-11.47	--	1.08	-5.08	
2013									
I	-1.20	8.07	4.65	-3.45	25.94	--	-0.41	13.37	
II	4.03	-1.63	3.28	-0.38	-13.22	--	5.11	-2.94	
III	3.18	1.11	1.43	-2.16	2.56	--	2.07	-1.03	
IV	6.08	9.56	7.52	0.36	21.33	--	5.46	10.43	
2014									
I	0.80	2.08	0.10	19.66	-3.52	--	3.60	5.97	
II	6.73	1.54	4.62	-6.86	0.02	--	11.25	3.96	
III	5.13	8.42	5.11	4.14	19.93	--	9.84	15.70	
IV	0.91	-0.95	0.67	0.95	-5.88	--	1.63	-0.99	
2015									
I	2.67	-2.76	2.93	-11.70	-9.99	--	3.80	-4.03	
II	-6.16	7.65	1.41	9.80	23.12	--	-16.68	0.39	
III	-0.55	-1.99	-0.11	5.96	-11.08	--	-0.20	-2.34	
IV(r)	0.78	1.51	5.15	0.80	-6.63	--	3.49	5.04	
2016									
I (p)	3.14	0.64	1.56	3.43	-3.67	--	-2.02	-6.73	
II (f)	-0.71	2.28	-0.05	-5.31	14.40	--	3.06	9.37	
III (f)	4.60	1.50	-0.64	1.40	7.15	--	12.90	9.34	
IV (f)	2.89	2.99	2.19	1.67	5.86	--	4.56	5.12	

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						
2008	-1.2	2.2	2.3	-4.8	-29.3	-29.8	-5.6	-1.4	10.43
2009	1.5	2.2	0.5	-8.5	18.8	28.3	-3.8	-2.1	10.63
2010	6.3	7.0	7.6	18.2	-3.1	11.3	15.6	12.7	10.74
2011	6.3	6.6	8.4	15.0	-10.8	15.5	1.8	8.5	10.89
2012	2.4	5.1	3.6	-5.9	-23.2	-3.3	6.8	5.6	11.15
2013	2.0	2.9	1.6	-5.9	-0.9	3.4	7.9	8.5	11.53
2014	3.9	5.1	3.1	2.4	23.0	12.0	7.2	8.1	11.99
I	3.1	4.0	4.8	-3.3	33.3	10.1	6.0	4.7	11.65
II	4.6	5.6	4.6	1.7	33.6	20.9	13.4	9.2	11.75
III	4.8	5.1	2.6	4.3	23.8	14.2	3.3	10.4	11.85
IV	3.1	5.8	0.3	6.6	3.5	3.9	6.4	7.9	11.99
2015	0.3	4.0	2.7	-6.4	-8.4	-0.7	11.3	7.9	12.51
I	2.0	5.2	1.9	1.3	-13.5	7.4	12.1	7.9	12.14
II	0.3	4.6	2.5	-10.0	-9.4	-0.8	11.0	10.6	12.22
III	-2.0	3.1	2.2	-8.6	-14.4	-7.9	9.4	4.0	12.34
IV	0.9	3.3	4.2	-7.4	5.4	-1.3	13.0	9.0	12.51
2016									
I	2.8	7.0	3.1	-8.3	-3.7	-0.2	13.7	10.5	12.69
Jan.	7.2	14.8	7.5	-5.6	-7.7	-1.1	18.0	12.1	12.58
Feb.	0.1	4.0	3.4	-10.1	3.5	-13.5	22.2	6.9	12.64
Mar.	1.1	2.5	-1.8	-9.7	-3.9	10.9	2.0	12.1	12.69

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 (%)	Production Index of Buildings Construction 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 (%)	Annual Rate (%)	Annual Rate (%)	
2008	-1.4	-9.3	9,749	-13.4	311	-9.3	4.0
2009	-17.3	-19.1	7,827	-19.7	238	-23.5	-3.7
2010	30.5	-9.2	12,361	57.9	392	65.0	23.0
2011	11.4	7.6	11,009	-10.9	375	-4.3	10.5
2012	-5.1	7.1	10,356	-5.9	350	-6.7	7.3
2013	-1.9	3.7	10,925	5.5	369	5.4	1.8
2014	13.5	10.6	11,662	6.7	385	4.6	8.7
I	12.0	-6.9	2,810	6.5	93	3.5	6.0
II	13.9	22.5	3,062	7.3	101	5.9	6.4
III	16.0	5.3	2,898	15.8	97	15.7	7.9
IV	12.1	19.5	2,892	-1.3	94	-5.0	8.7
2015	0.5	3.6	12,076	3.5	381	-1.1	-1.0
I	7.4	1.5	2,679	-4.7	85	-8.8	6.5
II	1.5	7.2	2,998	-2.1	97	-4.3	5.9
III	-2.0	8.6	3,292	13.6	104	7.5	3.5
IV	-3.8	-1.4	3,107	7.4	95	1.1	-1.0
2016							
I	-4.2	18.9	2,917	8.9	88	3.9	-0.9
Jan.	-6.3	29.1	1,120	15.3	34	10.7	-0.7
Feb.	-4.1	24.3	772	5.7	23	-0.3	-0.7
Mar.	-2.4	4.2	1,025	4.9	31	0.2	-0.9

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

Table 10 Economic Growth Rates of Major Countries

Unit:%

Period	ROC(Taiwan)		US*		Japan		EU*	Germany	France	UK	China		HK	South Korea		Singapore	
	yoy	saar	yoy	saar	yoy	saar					yoy	saar		yoy	saar	yoy	saar
2008	0.70	—	-0.3	—	-1.0	—	0.5	1.1	0.2	-0.5	9.6	—	2.1	2.8	—	1.8	—
2009	-1.57	—	-2.8	—	-5.5	—	-4.4	-5.6	-2.9	-4.2	9.2	—	-2.5	0.7	—	-0.6	—
2010	10.63	—	2.5	—	4.7	—	2.1	4.1	2.0	1.5	10.6	—	6.8	6.5	—	15.2	—
2011	3.80	—	1.6	—	-0.5	—	1.8	3.7	2.1	2.0	9.5	—	4.8	3.7	—	6.2	—
2012	2.06	—	2.2	—	1.7	—	-0.5	0.4	0.2	1.2	7.7	—	1.7	2.3	—	3.7	—
2013	2.20	—	1.5	—	1.4	—	0.2	0.3	0.7	2.2	7.7	—	3.1	2.9	—	4.7	—
2014	3.92	—	2.4	—	-0.0	—	1.4	1.6	0.2	2.9	7.3	—	2.7	3.3	—	3.3	—
I	3.66	0.80	1.7	-0.9	2.7	5.5	1.5	2.3	0.7	2.8	7.3	7.0	2.9	3.9	4.5	4.6	1.4
II	4.15	6.73	2.6	4.6	-0.3	-8.1	1.3	1.4	-0.2	3.0	7.4	7.4	2.1	3.5	2.4	2.6	1.5
III	4.26	5.13	2.9	4.3	-1.5	-2.7	1.3	1.2	0.1	2.8	7.1	7.8	3.2	3.4	2.8	3.1	2.0
IV	3.63	0.91	2.5	2.1	-1.0	2.1	1.4	1.5	0.1	2.8	7.2	7.0	2.5	2.7	1.2	2.8	6.9
2015	0.65	—	2.4	—	0.6	—	1.9	1.7	1.2	2.3	6.9	—	2.4	2.6	—	2.0	—
I	4.04	2.67	2.9	0.6	-1.0	5.4	1.7	1.1	1.0	2.6	7.0	5.7	2.4	2.4	3.2	2.7	0.2
II	0.57	-6.16	2.7	3.9	0.7	-1.7	1.9	1.6	1.1	2.4	7.0	7.4	3.1	2.2	1.6	1.7	-1.6
III	-0.80	-0.55	2.1	2.0	1.8	1.6	1.9	1.7	1.2	2.2	6.9	7.4	2.3	2.8	4.9	1.8	2.3
IV	-0.89	0.78	2.0	1.4	0.7	-1.7	1.8	1.3	1.4	2.1	6.8	6.1	1.9	3.1	2.8	1.8	6.2
2016																	
I	-0.68	3.14	2.0	0.5	-0.0	1.7	1.7	1.6	1.3	2.1	6.7	4.5	0.8	2.7	1.6	1.8	0.2

Source: Countries' 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
2008	3.52	8.55	3.8	5.5	1.4	2.6	5.9	14.3	4.7	4.9	6.5	7.7	4.3	10.1	9.8	17.0	2.6	6.0	8.3	12.9
2009	-0.86	-0.44	-0.4	1.8	-1.3	0.2	-0.7	0.7	2.8	7.6	0.6	2.3	0.6	1.3	4.8	7.2	0.3	-1.3	4.2	5.9
2010	0.96	0.62	1.6	0.8	-0.7	-0.3	3.3	7.2	3.0	6.4	2.8	1.4	2.3	2.4	5.1	9.4	1.1	1.2	3.8	4.2
2011	1.42	2.26	3.2	3.7	-0.3	-0.4	5.4	11.8	4.0	8.1	5.3	3.0	5.3	7.0	5.4	8.7	2.1	2.8	4.6	5.5
2012	1.93	4.16	2.1	2.6	0.0	0.1	2.6	4.8	2.2	4.0	4.5	2.3	4.1	5.8	4.3	5.9	2.0	3.4	3.2	2.4
2013	0.79	1.27	1.5	1.4	0.4	-0.1	2.6	4.7	1.3	0.9	2.4	2.1	4.4	4.4	6.4	11.9	1.5	3.9	3.0	2.8
2014	1.20	3.74	1.6	2.4	2.7	3.8	2.0	3.1	1.3	0.3	1.0	2.9	4.4	4.1	6.4	6.8	0.9	1.0	4.1	6.7
2015	-0.31	3.13	0.1	1.9	0.8	3.1	1.4	2.3	0.7	1.7	-0.5	1.9	3.0	4.0	6.4	7.2	0.2	0.7	1.4	2.5
Apr.	-0.82	1.49	-0.2	2.0	0.6	2.7	1.5	2.7	0.4	0.5	-0.5	2.1	2.8	3.2	6.8	6.3	0.5	1.3	2.2	3.9
May	-0.73	0.89	0.0	1.6	0.5	3.1	1.2	1.6	0.5	2.2	-0.4	1.8	3.1	3.7	7.1	7.9	0.7	1.4	1.6	3.2
Jun.	-0.56	1.87	0.1	1.8	0.4	2.5	1.3	1.9	0.7	2.7	-0.3	2.0	3.2	4.2	7.3	8.6	0.3	1.1	1.2	2.1
Jul.	-0.63	1.76	0.2	1.6	0.3	2.5	1.7	2.7	0.7	2.3	-0.4	1.9	2.5	4.4	7.3	8.7	0.2	0.4	0.8	1.3
Aug.	-0.44	3.08	0.2	1.6	0.2	2.7	2.0	3.7	0.7	2.2	-0.8	1.9	2.5	4.3	7.2	9.3	0.2	0.6	0.6	1.2
Sep.	0.30	5.88	0.0	1.6	0.0	2.2	1.6	2.7	0.6	1.0	-0.7	1.8	2.0	4.0	6.8	8.3	0.0	0.9	0.4	0.8
Oct.	0.31	5.12	0.2	1.6	0.3	3.4	1.2	1.9	0.9	1.9	-0.8	1.8	2.4	4.0	6.2	6.9	0.3	1.3	0.4	0.7
Nov.	0.53	5.25	0.5	1.3	0.3	2.9	1.5	2.3	1.0	1.1	-0.7	1.6	2.4	3.7	4.9	5.0	0.4	1.8	1.1	1.7
Dec.	0.14	3.00	0.7	0.8	0.2	2.4	1.7	2.7	1.3	1.9	-0.6	1.5	2.4	4.0	3.4	4.9	0.3	1.1	1.5	1.7
2016	1.77	6.94	1.1	0.9	0.1	2.4	2.2	5.3	1.0	2.8	-0.7	2.0	2.8	4.4	4.2	8.0	0.2	0.8	1.1	1.6
Jan.	0.81	2.73	1.4	0.8	0.0	1.7	1.8	3.6	0.9	1.6	-0.6	1.7	2.5	4.2	4.1	6.6	0.5	0.8	1.3	1.7
Feb.	2.41	8.47	1.0	0.9	0.3	2.7	2.3	5.8	1.3	3.3	-0.8	2.0	3.0	5.6	4.4	7.6	0.0	0.7	0.9	1.5
Mar.	2.01	8.64	0.9	0.8	-0.1	2.6	2.3	6.0	1.0	3.1	-1.0	2.2	2.9	4.0	4.5	9.1	0.3	1.1	1.1	1.6
Apr.	1.88	7.96	1.1	0.9	2.3	5.9	1.0	3.4	-0.5	2.3	2.7	3.8	3.6	8.9	-0.1	0.5	1.1	1.6

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

Note : 1. The CPIs of Taiwan, South Korea and Germany 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

Period	Employees on payrolls			Industry & services						Manufacturing			
	Industry & services (Thousand person)	Industry (Thousand person)	Services (Thousand person)	Average monthly working hours of all employees (Hour)	Accessions (%)	Separations (%)	Monthly earnings of all employees (dollars)	Regular earnings		Employees on payrolls (Thousand person)	Monthly earnings of all employees (dollars)	Index of labor productivity (2011=100)	Index of unit output labor cost (2011=100)
								Annual growth rate	Annual growth rate				
								(dollars)	(%)				
2008	6,632	3,045	3,587	179.7	2.35	2.46	44,367	36,387	0.19	2,557	43,121	82.93	120.42
2009	6,466	2,873	3,593	176.7	2.25	2.28	42,182	35,629	-2.08	2,395	39,125	83.87	111.31
2010	6,691	2,990	3,701	181.1	2.83	2.50	44,359	36,214	1.64	2,494	42,300	96.88	98.84
2011	6,926	3,097	3,829	178.7	2.61	2.38	45,508	36,689	1.31	2,593	43,316	100.00	100.00
2012	7,049	3,129	3,919	178.4	2.27	2.18	45,589	37,151	1.26	2,619	43,689	99.34	102.25
2013	7,138	3,152	3,986	177.0	2.34	2.21	45,664	37,527	1.01	2,635	43,829	99.37	102.53
2014	7,275	3,207	4,068	177.9	2.51	2.35	47,300	38,208	1.81	2,687	45,207	103.46	101.09
2015	7,385	3,239	4,147	175.3	2.33	2.23	48,490	38,716	1.33	2,717	46,781	102.52	107.38
Mar.	7,351	3,233	4,119	183.7	2.87	2.60	43,016	38,522	1.51	2,713	40,444	104.88	86.26
Apr.	7,353	3,232	4,122	172.8	2.37	2.34	43,343	38,594	1.40	2,710	40,928	105.81	91.79
May	7,364	3,233	4,131	174.1	2.25	2.11	43,845	38,637	1.39	2,712	41,918	105.06	94.35
Jun.	7,369	3,238	4,131	177.3	2.31	2.24	44,581	38,833	1.67	2,716	42,468	102.55	95.83
Jul.	7,412	3,253	4,159	187.0	3.01	2.43	46,964	38,869	0.89	2,729	49,334	98.92	109.45
Aug.	7,418	3,250	4,168	178.2	2.61	2.52	44,882	38,775	1.27	2,726	43,858	99.31	102.39
Sep.	7,409	3,242	4,167	173.5	2.47	2.60	44,759	38,750	0.95	2,719	43,117	100.21	101.70
Oct.	7,412	3,243	4,169	178.0	2.18	2.13	42,888	38,941	1.20	2,719	40,680	100.94	93.72
Nov.	7,421	3,243	4,178	176.5	1.99	1.88	42,545	38,834	1.45	2,718	41,146	99.26	97.30
Dec.	7,427	3,243	4,185	188.1	1.82	1.74	46,736	39,129	1.04	2,717	43,879	96.60	100.15
2016 Jan.~Mar.	7,420	3,236	4,185	164.4	2.12	2.17	59,580	38,995	1.53	2,714	57,386	104.11	140.06
Jan.	7,431	3,240	4,191	173.8	2.00	1.95	75,321	39,141	1.54	2,717	74,735	101.00	177.44
Feb.	7,412	3,231	4,181	132.9	1.82	2.08	59,508	38,636	1.28	2,712	56,609	113.41	159.10
Mar.	7,417	3,235	4,182	186.3	2.52	2.45	43,880	39,208	1.78	2,714	40,798	100.52	90.24
The change compared with the last month(%)	0.06	0.13	0.01	(53.4)	(0.70)	(0.37)	-26.26	1.48		0.10	-27.93	-11.37	-43.28
The change compared with the same month of last year(%)	0.90	0.09	1.53	(2.6)	(-0.35)	(-0.15)	2.01	1.78		0.05	0.88	-4.16	4.61
The change compared with the same period (Jan. ~ Mar) of last year(%)	1.00	0.19	1.64	(-1.6)	(-0.17)	(-0.10)	-1.56	1.53		0.16	-1.12	-3.41	4.30

Note : 1.Numbers in quotation are time-increased, time-decreased or percentage.

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

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