

GDP: Preliminary Estimate for 2019Q2 and Outlook for 2019-20

August 16, 2019 According to the preliminary estimate, Taiwan's real gross domestic product (GDP) increased by 2.40% in 2019Q2, compared to the same period of the previous year (yoy), and the growth rate (yoy) of 2019Q1 has been revised to 1.83%. The real GDP is predicted to grow 2.46% and 2.58% in 2019 and 2020, respectively.

Preliminary Estimate of Real GDP in 2019Q2

The real GDP increased by 2.72% on a quarter-on-quarter, seasonally-adjusted annualized basis (saar), and grew by 2.40% on a year-on-year basis (yoy) in 2019Q2, 0.01 percentage point lower than the advance estimate.

On the demand side, real private final consumption grew by 1.55% (yoy) in 2019Q2, higher than the 1.46% growth in the previous quarter, mainly reflecting the growing sales of cars and boutiques, as well as new opening department stores and retail outlets, partly offset by a decrease in sales of information and communications equipment, and the declines in securities transaction fees.

Real gross fixed capital formation rose by 7.51% (yoy), faster than the 6.85% growth in the previous quarter, primarily due to the increase in machinery and equipments investment as well as transport equipments.

In addition, real exports of goods and services grew by 4.13% (yoy), stronger than the 0.87% growth in the previous quarter, mainly driven by the foreign strong demand for information, communication and audio-video products, as well as refined petroleum products. Imports also increased by 3.68% (yoy).

On the production side, the manufacturing sector increased by 1.02%(yoy) in 2019Q2, following the 2.68% decrease in the previous quarter, mainly due to the output expansion of computers, electronic & optical products.

The wholesale & retail trade sector and the financial & insurance sector increased by 2.79% and 1.80%(both yoy) respectively, after the expansion of 2.22% and 0.39% growth in the previous quarter.

Meanwhile, the economic growth rate of 2019Q1 has been revised to 1.83% (formerly 1.71%).

Forecast for 2019

The weak global demand, mainly owing to the international trade conflicts and worldwide weaker demand for mobile devices, would drag the export growth. However,

the reshoring of manufacturing companies will increase the domestic production capacity, and partly offset the drag. Along with exports of services, it is projected that the real exports of goods and services will grow by 3.47% in the whole 2019.

Real private fixed capital formation is expected to grow by 5.01%, driven by the sustaining investment of semiconductor manufacturing, and the manufacturers' relocation encouraged by the government's "Action Plan for Welcoming Overseas Taiwanese Businesses to Return to Invest in Taiwan".

Real private consumption will grow by 2.03%, supported by the stable labor market, the individual income tax cuts, and the subsidy program for domestic travel and energy-efficient appliances replacement, but continuously dampened by the declining demographic dividend, the economic uncertainties and volatile financial market.

Combining with the public sector, Taiwan's real GDP is predicted to grow by 2.46% in 2019, 0.27 percentage point higher than the previous forecast released in May.

CPI will increase by 0.67%, downwardly revised by 0.04 percentage point, mainly reflecting the falling raw material prices.

Outlook for 2020

World trade volume is expected to grow at a faster path in 2020, according to International Monetary Fund (IMF). Moreover, rising domestic production capacity, spurred by the continuing investment of semiconductor manufacturing and reshoring companies, will support Taiwan's export growth. Combining the contribution from domestic sector, real GDP will grow by 2.58% in 2020. CPI will gently rise by 0.82%.

For further information:

Statistics Database:

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

DGBAS news releases on the Internet:

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Gross Domestic Products of 2019Q3 (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
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	—	—
2014	16,111,867	—	15,529,606	—	4.02	—	—
2015	16,770,671	—	15,654,835	—	0.81	—	—
2016	17,176,300	—	15,891,514	—	1.51	—	—
2017	17,501,181	—	16,380,812	—	3.08	—	—
I	4,319,537	4,350,083	3,900,652	4,046,250	2.94	0.78	3.17
II	4,190,093	4,315,719	3,995,504	4,067,834	2.50	0.53	2.15
III	4,436,866	4,404,109	4,174,498	4,116,729	3.36	1.20	4.90
IV	4,554,685	4,431,270	4,310,158	4,149,999	3.48	0.81	3.27
2018	17,793,139	—	16,812,286	—	2.63	—	—
I	4,388,994	4,424,105	4,023,705	4,178,784	3.15	0.69	2.80
II	4,342,607	4,491,737	4,127,040	4,195,392	3.29	0.40	1.60
III	4,459,193	4,414,646	4,273,855	4,212,614	2.38	0.41	1.65
IV	4,602,345	4,462,651	4,387,686	4,225,496	1.80	0.31	1.23
2019(f)	18,184,803	—	17,226,647	—	2.46	—	—
I (r)	4,465,990	4,502,437	4,097,433	4,258,664	1.83	0.78	3.18
II (p)	4,428,905	4,552,919	4,226,010	4,287,330	2.40	0.67	2.72
III (f)	4,567,028	4,542,871	4,388,074	4,325,286	2.67	0.89	3.59
IV (f)	4,722,880	4,586,576	4,515,130	4,355,367	2.90	0.70	2.81
2020(f)	18,821,388	—	17,670,601	—	2.58	—	—
I (f)	4,632,016	4,672,458	4,214,214	4,378,974	2.85	0.54	2.19
II (f)	4,575,010	4,693,243	4,339,914	4,401,402	2.70	0.51	2.06
III (f)	4,726,395	4,708,137	4,498,868	4,430,265	2.52	0.66	2.65
IV (f)	4,887,967	4,747,550	4,617,605	4,459,960	2.27	0.67	2.71

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 (%)
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
2014	16,111,867	5.79	530,519	15,529,606	4.02	16,582,405	546,013	14,018,941	461,605	13,793,650	6.47
2015	16,770,671	4.09	525,562	15,654,835	0.81	17,301,397	542,194	14,652,714	459,189	14,604,568	5.88
2016	17,176,300	2.42	531,281	15,891,514	1.51	17,705,994	547,665	14,996,482	463,857	14,889,532	1.95
2017	17,501,181	1.89	574,940	16,380,812	3.08	17,965,345	590,189	15,279,928	501,969	15,154,316	1.78
I	4,319,537	1.09	138,863	3,900,652	2.94	4,463,251	143,488	3,792,923	121,937	3,677,949	1.17
II	4,190,093	0.84	138,395	3,995,504	2.50	4,289,532	141,684	3,638,551	120,181	3,638,559	0.98
III	4,436,866	3.22	146,497	4,174,498	3.36	4,504,343	148,730	3,844,993	126,958	3,829,586	2.08
IV	4,554,685	2.36	151,185	4,310,158	3.48	4,708,219	156,287	4,003,461	132,893	4,008,222	2.80
2018	17,793,139	1.67	589,997	16,812,286	2.63	18,129,011	601,217	15,364,288	509,469	15,099,856	-0.36
I	4,388,994	1.61	149,693	4,023,705	3.15	4,551,051	155,220	3,829,210	130,601	3,740,540	1.70
II	4,342,607	3.64	145,823	4,127,040	3.29	4,389,189	147,387	3,702,490	124,328	3,637,521	-0.03
III	4,459,193	0.50	145,345	4,273,855	2.38	4,492,852	146,442	3,837,399	125,078	3,766,645	-1.64
IV	4,602,345	1.05	149,136	4,387,686	1.80	4,695,919	152,168	3,995,189	129,462	3,955,150	-1.32
2019											
I (r)	4,465,990	1.75	144,859	4,097,433	1.83	4,587,044	148,785	3,798,341	123,203	3,680,425	-1.61
II (p)	4,428,905	1.99	142,180	4,226,010	2.40	4,503,806	144,584	3,771,481	121,075	3,671,169	0.93

Note : 1. GNI=GDP+Net Factor Income from the Rest of the World.

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		
2009	0.13	-1.17	0.02	-0.56	-7.41	-9.99	-0.87	-8.73
2010	-1.54	0.70	1.03	1.24	1.80	5.46	0.97	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
2014	1.70	0.67	0.77	1.33	0.48	-1.30	1.20	-0.56
2015	3.26	-0.68	0.25	-1.63	-3.90	-11.13	-0.30	-8.85
2016	0.89	0.80	1.33	0.39	-1.93	-2.61	1.39	-2.98
2017	-1.15	0.01	0.57	-0.02	-1.85	0.16	0.62	0.90
I	-1.79	0.03	1.10	0.03	-0.66	2.80	0.79	2.31
II	-1.62	-0.30	0.12	-1.33	-2.57	-0.97	0.57	-0.69
III	-0.13	-0.01	1.12	0.05	-1.74	-1.07	0.74	0.81
IV	-1.09	0.30	0.65	0.95	-2.27	0.12	0.41	1.17
2018	-0.95	1.00	1.36	1.93	0.85	4.53	1.35	3.63
I	-1.50	0.93	-1.88	1.00	-3.12	-0.04	1.55	-0.12
II	0.33	1.38	5.60	2.38	1.44	4.98	1.72	4.90
III	-1.83	1.46	-2.94	2.37	3.17	8.03	1.67	6.70
IV	-0.74	0.24	4.28	1.99	1.55	4.87	0.46	3.14
2019(f)	-0.26	0.50	0.60	1.82	-1.51	0.15	0.67	-1.02
I (r)	-0.08	0.37	1.19	2.22	0.07	1.63	0.33	0.70
II (p)	-0.40	0.81	0.01	2.15	-1.22	0.93	0.81	-0.61
III (f)	-0.25	0.21	1.44	1.62	-3.10	-1.90	0.55	-3.15
IV (f)	-0.28	0.63	0.50	1.35	-1.59	0.15	0.99	-0.95
2020(f)	0.90	0.52	1.37	1.48	0.92	0.89	0.82	0.49
I (f)	0.84	0.71	0.78	1.32	0.63	0.70	1.01	2.10
II (f)	0.59	0.28	1.46	1.46	2.09	2.50	0.58	0.23
III (f)	0.94	0.50	1.58	1.50	0.54	0.50	0.81	0.19
IV (f)	1.20	0.57	1.34	1.62	0.47	0.02	0.87	-0.54

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					
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
2014	16,111,867	14,452,652	8,588,741	2,342,754	3,493,834	2,820,686	210,978	462,170	27,323	1,659,215	11,254,123	9,594,908
2015	16,770,671	14,615,051	8,755,829	2,346,110	3,493,267	2,863,172	191,105	438,990	19,845	2,155,620	10,775,522	8,619,902
2016	17,176,300	15,059,581	9,034,473	2,462,919	3,589,298	2,960,295	185,562	443,441	-27,109	2,116,719	10,770,722	8,654,003
2017	17,501,181	15,269,816	9,265,072	2,461,568	3,584,358	2,927,444	182,994	473,920	-41,182	2,231,365	11,356,769	9,125,404
I	4,319,537	3,821,012	2,288,351	643,208	888,684	768,320	31,829	88,535	769	498,525	2,675,410	2,176,885
II	4,190,093	3,727,449	2,271,845	570,632	864,623	713,169	42,241	109,213	20,349	462,644	2,674,617	2,211,973
III	4,436,866	3,824,003	2,340,552	613,061	921,440	765,265	38,942	117,233	-51,050	612,863	2,949,069	2,336,206
IV	4,554,685	3,897,352	2,364,324	634,667	909,611	680,690	69,982	158,939	-11,250	657,333	3,057,673	2,400,340
2018	17,793,139	15,924,160	9,543,914	2,586,267	3,743,897	3,034,432	211,555	497,910	50,082	1,868,979	11,882,549	10,013,570
I	4,388,994	3,941,333	2,368,627	672,946	900,760	780,168	31,139	89,453	-1,000	447,661	2,758,499	2,310,838
II	4,342,607	3,885,221	2,355,735	637,951	885,322	729,503	45,394	110,425	6,213	457,386	2,884,770	2,427,384
III	4,459,193	4,017,583	2,414,831	586,317	995,239	825,341	47,839	122,059	21,196	441,610	3,083,461	2,641,851
IV	4,602,345	4,080,023	2,404,721	689,053	962,576	699,420	87,183	175,973	23,673	522,322	3,155,819	2,633,497
2019(f)	18,184,803	16,395,504	9,786,654	2,598,865	4,039,376	3,244,497	232,351	562,528	-29,391	1,789,299	12,108,584	10,319,285
I (r)	4,465,990	4,056,998	2,412,135	658,532	983,844	853,272	33,070	97,502	2,487	408,992	2,784,058	2,375,066
II (p)	4,428,905	4,001,919	2,411,579	621,064	972,252	793,868	51,369	127,015	-2,976	426,986	2,967,491	2,540,505
III (f)	4,567,028	4,118,895	2,479,190	614,532	1,042,194	848,911	53,843	139,440	-17,021	448,133	3,130,038	2,681,905
IV (f)	4,722,880	4,217,692	2,483,750	704,737	1,041,086	748,446	94,069	198,571	-11,881	505,188	3,226,997	2,721,809
2020(f)	18,821,388	16,965,540	10,038,013	2,694,536	4,245,248	3,392,917	261,916	590,415	-12,257	1,855,848	12,647,887	10,792,039
I (f)	4,632,016	4,203,112	2,486,345	691,866	1,031,499	886,904	38,346	106,249	-6,598	428,904	2,961,547	2,532,643
II (f)	4,575,010	4,134,461	2,468,874	652,650	1,019,135	828,118	57,480	133,537	-6,198	440,549	3,102,470	2,661,921
III (f)	4,726,395	4,269,325	2,539,425	627,639	1,105,047	898,970	60,275	145,802	-2,786	457,070	3,246,382	2,789,312
IV (f)	4,887,967	4,358,642	2,543,369	722,381	1,089,567	778,925	105,815	204,827	3,325	529,325	3,337,488	2,808,163

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					
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
2014	100.00	89.70	53.31	14.54	21.68	17.51	1.31	2.87	0.17	10.30	69.85	59.55
2015	100.00	87.15	52.21	13.99	20.83	17.07	1.14	2.62	0.12	12.85	64.25	51.40
2016	100.00	87.68	52.60	14.34	20.90	17.23	1.08	2.58	-0.16	12.32	62.71	50.38
2017	100.00	87.25	52.94	14.07	20.48	16.73	1.05	2.71	-0.24	12.75	64.89	52.14
I	100.00	88.46	52.98	14.89	20.57	17.79	0.74	2.05	0.02	11.54	61.94	50.40
II	100.00	88.96	54.22	13.62	20.63	17.02	1.01	2.61	0.49	11.04	63.83	52.79
III	100.00	86.19	52.75	13.82	20.77	17.25	0.88	2.64	-1.15	13.81	66.47	52.65
IV	100.00	85.57	51.91	13.93	19.97	14.94	1.54	3.49	-0.25	14.43	67.13	52.70
2018	100.00	89.50	53.64	14.54	21.04	17.05	1.19	2.80	0.28	10.50	66.78	56.28
I	100.00	89.80	53.97	15.33	20.52	17.78	0.71	2.04	-0.02	10.20	62.85	52.65
II	100.00	89.47	54.25	14.69	20.39	16.80	1.05	2.54	0.14	10.53	66.43	55.90
III	100.00	90.10	54.15	13.15	22.32	18.51	1.07	2.74	0.48	9.90	69.15	59.25
IV	100.00	88.65	52.25	14.97	20.91	15.20	1.89	3.82	0.51	11.35	68.57	57.22
2019(f)	100.00	90.16	53.82	14.29	22.21	17.84	1.28	3.09	-0.16	9.84	66.59	56.75
I (r)	100.00	90.84	54.01	14.75	22.03	19.11	0.74	2.18	0.06	9.16	62.34	53.18
II (p)	100.00	90.36	54.45	14.02	21.95	17.92	1.16	2.87	-0.07	9.64	67.00	57.36
III (f)	100.00	90.19	54.28	13.46	22.82	18.59	1.18	3.05	-0.37	9.81	68.54	58.72
IV (f)	100.00	89.30	52.59	14.92	22.04	15.85	1.99	4.20	-0.25	10.70	68.33	57.63
2020(f)	100.00	90.14	53.33	14.32	22.56	18.03	1.39	3.14	-0.07	9.86	67.20	57.34
I (f)	100.00	90.74	53.68	14.94	22.27	19.15	0.83	2.29	-0.14	9.26	63.94	54.68
II (f)	100.00	90.37	53.96	14.27	22.28	18.10	1.26	2.92	-0.14	9.63	67.81	58.18
III (f)	100.00	90.33	53.73	13.28	23.38	19.02	1.28	3.08	-0.06	9.67	68.69	59.02
IV (f)	100.00	89.17	52.03	14.78	22.29	15.94	2.16	4.19	0.07	10.83	68.28	57.45

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					
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
2014	4.02	3.71	3.44	3.66	2.05	3.58	4.95	-7.52	--	--	5.86	5.67
2015	0.81	1.91	2.63	-0.10	1.64	3.02	-7.09	-2.74	--	--	-0.37	1.09
2016	1.51	2.14	2.37	3.60	2.36	2.84	-3.87	1.59	--	--	1.92	3.08
2017	3.08	1.24	2.54	-0.63	-0.12	-1.09	0.17	5.77	--	--	7.43	5.28
I	2.94	2.33	1.97	-4.46	4.88	3.92	18.75	8.28	--	--	7.29	7.22
II	2.50	2.20	2.32	1.43	1.07	0.60	-8.08	8.81	--	--	4.89	4.95
III	3.36	-0.28	2.64	1.61	-2.41	-4.00	-1.13	7.18	--	--	11.39	7.00
IV	3.48	0.79	3.23	-1.23	-3.26	-4.60	-0.67	1.57	--	--	6.10	2.31
2018	2.63	3.21	1.99	3.66	2.47	1.79	13.78	2.53	--	--	3.75	4.98
I	3.15	2.57	2.55	6.63	0.36	0.62	-2.92	-0.84	--	--	6.42	6.19
II	3.29	1.82	2.29	5.87	0.02	-0.12	4.76	-1.44	--	--	6.33	4.53
III	2.38	4.66	1.69	-1.47	5.51	5.48	21.40	1.57	--	--	1.35	4.68
IV	1.80	3.73	1.46	4.11	3.75	0.97	22.59	7.78	--	--	1.63	4.61
2019(f)	2.46	1.99	2.03	-0.12	5.96	5.01	8.35	10.69	--	--	3.47	2.90
I (r)	1.83	2.08	1.46	-3.30	6.85	7.04	4.43	6.60	--	--	0.87	1.13
II (p)	2.40	1.86	1.55	-2.66	7.51	6.48	11.31	12.17	--	--	4.13	3.68
III (f)	2.67	1.66	2.45	3.32	3.04	1.27	10.97	11.96	--	--	4.76	3.48
IV (f)	2.90	2.34	2.65	1.77	6.71	5.63	6.77	10.89	--	--	3.91	3.20
2020(f)	2.58	2.57	2.05	2.28	3.56	3.12	11.37	2.92	--	--	3.50	3.66
I (f)	2.85	2.64	2.36	4.25	3.47	2.62	14.67	7.09	--	--	5.71	5.89
II (f)	2.70	2.59	2.09	3.57	3.31	2.87	10.60	3.15	--	--	2.42	2.22
III (f)	2.52	2.70	1.92	0.55	4.47	4.39	10.62	2.54	--	--	3.16	3.49
IV (f)	2.27	2.38	1.82	1.15	2.99	2.49	11.06	1.08	--	--	2.93	3.15

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					
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
2014	4.02	3.37	1.86	0.54	0.46	0.63	0.07	-0.24	0.52	0.65	4.07	3.42
2015	0.81	1.71	1.40	-0.02	0.36	0.53	-0.09	-0.08	-0.03	-0.91	-0.26	0.65
2016	1.51	1.86	1.23	0.50	0.49	0.49	-0.04	0.04	-0.37	-0.35	1.24	1.59
2017	3.08	1.08	1.34	-0.09	-0.02	-0.17	0.00	0.15	-0.14	2.00	4.66	2.66
I	2.94	2.07	1.08	-0.63	0.99	0.70	0.12	0.17	0.62	0.87	4.46	3.58
II	2.50	1.94	1.23	0.20	0.22	0.10	-0.09	0.21	0.29	0.56	3.04	2.48
III	3.36	-0.25	1.38	0.23	-0.53	-0.70	-0.01	0.18	-1.33	3.61	7.15	3.54
IV	3.48	0.68	1.63	-0.18	-0.69	-0.72	-0.01	0.04	-0.08	2.80	3.94	1.14
2018	2.63	2.80	1.06	0.51	0.51	0.29	0.14	0.07	0.72	-0.16	2.43	2.60
I	3.15	2.32	1.44	0.86	0.08	0.13	-0.02	-0.03	-0.05	0.83	4.01	3.18
II	3.29	1.64	1.23	0.83	0.01	0.00	0.05	-0.04	-0.42	1.65	3.96	2.32
III	2.38	3.99	0.88	-0.21	1.14	0.92	0.19	0.04	2.17	-1.61	0.89	2.50
IV	1.80	3.14	0.72	0.61	0.74	0.11	0.34	0.29	1.08	-1.34	1.08	2.42
2019(f)	2.46	1.78	1.09	-0.02	1.25	0.85	0.10	0.30	-0.55	0.69	2.32	1.63
I (r)	1.83	1.91	0.86	-0.47	1.42	1.29	0.02	0.11	0.11	-0.08	0.54	0.62
II (p)	2.40	1.66	0.85	-0.39	1.53	1.11	0.11	0.30	-0.32	0.73	2.68	1.94
III (f)	2.67	1.49	1.29	0.46	0.69	0.26	0.11	0.32	-0.95	1.18	3.24	2.06
IV (f)	2.90	2.04	1.33	0.29	1.39	0.80	0.14	0.45	-0.96	0.86	2.71	1.85
2020(f)	2.58	2.32	1.10	0.33	0.79	0.56	0.15	0.09	0.10	0.26	2.33	2.08
I (f)	2.85	2.45	1.34	0.56	0.77	0.54	0.10	0.13	-0.23	0.40	3.68	3.29
II (f)	2.70	2.33	1.13	0.51	0.73	0.52	0.12	0.09	-0.03	0.36	1.60	1.23
III (f)	2.52	2.42	1.02	0.08	1.01	0.82	0.12	0.08	0.31	0.10	2.13	2.03
IV (f)	2.27	2.10	0.93	0.18	0.66	0.36	0.23	0.07	0.33	0.17	1.98	1.81

Note : Contributions of component X on s season at t year= $\{Px_{t-1}/P_{GDP_{t-1}} \times (rX_{t,s} - rX_{t-1,s})/rGDP_{t-1,s} + (rX_{t-1,s}/rGDP_{t-1,s} - rX_{t-1}/rGDP_{t-1}) \times (Px_{t-1}/P_{GDP_{t-1}} - Px_{t-2}/P_{GDP_{t-2}})\} \times 100\%$,
where rX : Chained dollar of component X ; rGDP : real GDP(reference year = 2011) ; Px : Deflators of component X ; P_{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					Services									Statistical Discrepancy
			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	Others (2)			
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
2014	16,111,867	289,642	5,606,981	16,766	4,833,196	242,194	101,907	412,918	10,217,854	2,644,209	461,755	477,521	1,052,708	1,321,159	1,071,007	3,189,495	-2,610
2015	16,770,671	282,034	5,894,602	16,597	5,047,452	307,961	102,462	420,130	10,534,792	2,729,062	507,161	490,276	1,093,645	1,359,802	1,067,504	3,287,342	59,243
2016	17,176,300	306,601	6,091,008	15,018	5,259,217	296,052	111,415	409,306	10,742,711	2,763,763	500,178	499,556	1,119,611	1,388,617	1,082,437	3,388,549	35,980
2017	17,501,181	310,457	6,235,524	14,140	5,444,163	240,782	119,683	416,756	11,002,833	2,844,617	533,371	497,835	1,172,150	1,425,831	1,084,624	3,444,405	-47,633
I	4,319,537	77,491	1,514,387	3,455	1,335,063	43,487	24,891	107,491	2,754,626	688,781	129,142	124,047	279,266	343,306	323,491	866,593	-26,967
II	4,190,093	85,658	1,479,313	3,485	1,288,182	52,258	32,099	103,289	2,640,951	673,669	120,956	121,259	305,281	354,094	254,159	811,533	-15,829
III	4,436,866	65,875	1,671,360	3,303	1,449,238	84,603	32,130	102,086	2,724,033	685,187	141,401	124,333	302,472	344,018	262,742	863,880	-24,402
IV	4,554,685	81,433	1,570,464	3,897	1,371,680	60,434	30,563	103,890	2,883,223	796,980	141,872	128,196	285,131	384,413	244,232	902,399	19,565
2018	17,793,139	286,726	6,292,740	14,488	5,498,616	208,894	120,703	450,039	11,292,792	2,922,210	522,878	479,724	1,217,367	1,461,440	1,107,795	3,581,378	-79,119
I	4,388,994	69,799	1,491,151	3,581	1,308,230	38,324	26,108	114,908	2,826,395	715,299	130,685	121,551	301,209	350,213	323,473	883,965	1,649
II	4,342,607	71,030	1,540,187	3,553	1,341,324	51,575	32,155	111,580	2,742,713	699,895	113,340	115,002	324,763	361,761	270,132	857,820	-11,323
III	4,459,193	65,256	1,694,778	3,248	1,471,823	78,490	31,729	109,488	2,756,137	703,845	134,300	118,977	304,502	353,814	254,514	886,185	-56,978
IV	4,602,345	80,641	1,566,624	4,106	1,377,239	40,505	30,711	114,063	2,967,547	803,171	144,553	124,194	286,893	395,652	259,676	953,408	-12,467
2019																	
I (r)	4,465,990	64,702	1,481,049	3,728	1,291,639	35,567	26,472	123,643	2,885,587	710,469	142,067	119,954	301,590	360,359	327,511	923,637	34,652
II (p)	4,428,905	73,355	1,552,803	3,658	1,341,249	52,804	33,456	121,636	2,801,183	698,958	119,840	116,251	330,590	373,791	270,825	890,928	1,564

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					Services								
			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)		
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
2014	100.00	1.80	34.79	0.10	29.99	1.50	0.63	2.56	63.41	16.41	2.87	2.96	6.53	8.20	6.65	19.79
2015	100.00	1.69	35.27	0.10	30.20	1.84	0.61	2.51	63.04	16.33	3.03	2.93	6.54	8.14	6.39	19.67
2016	100.00	1.79	35.54	0.09	30.68	1.73	0.65	2.39	62.68	16.12	2.92	2.91	6.53	8.10	6.32	19.77
2017	100.00	1.77	35.53	0.08	31.02	1.37	0.68	2.37	62.70	16.21	3.04	2.84	6.68	8.12	6.18	19.63
I	100.00	1.78	34.84	0.08	30.72	1.00	0.57	2.47	63.38	15.85	2.97	2.85	6.43	7.90	7.44	19.94
II	100.00	2.04	35.17	0.08	30.63	1.24	0.76	2.46	62.79	16.02	2.88	2.88	7.26	8.42	6.04	19.30
III	100.00	1.48	37.46	0.07	32.48	1.90	0.72	2.29	61.06	15.36	3.17	2.79	6.78	7.71	5.89	19.36
IV	100.00	1.80	34.63	0.09	30.25	1.33	0.67	2.29	63.58	17.57	3.13	2.83	6.29	8.48	5.39	19.90
2018	100.00	1.60	35.21	0.08	30.77	1.17	0.68	2.52	63.19	16.35	2.93	2.68	6.81	8.18	6.20	20.04
I	100.00	1.59	33.99	0.08	29.82	0.87	0.60	2.62	64.42	16.30	2.98	2.77	6.87	7.98	7.37	20.15
II	100.00	1.63	35.37	0.08	30.81	1.18	0.74	2.56	62.99	16.08	2.60	2.64	7.46	8.31	6.20	19.70
III	100.00	1.44	37.53	0.07	32.59	1.74	0.70	2.42	61.03	15.58	2.97	2.63	6.74	7.83	5.64	19.62
IV	100.00	1.75	33.95	0.09	29.84	0.88	0.67	2.47	64.30	17.40	3.13	2.69	6.22	8.57	5.63	20.66
2019																
I (r)	100.00	1.46	33.42	0.08	29.15	0.80	0.60	2.79	65.12	16.03	3.21	2.71	6.81	8.13	7.39	20.84
II (p)	100.00	1.66	35.07	0.08	30.29	1.19	0.76	2.75	63.27	15.79	2.71	2.63	7.47	8.44	6.12	20.12

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						Services							
			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)		
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
2014	4.02	1.55	7.23	-4.35	8.17	1.87	4.62	0.76	3.25	4.23	0.86	3.16	7.62	2.06	-0.24	3.10
2015	0.81	-8.42	-0.54	-6.59	-0.27	-5.36	0.08	-0.88	1.24	0.35	-0.56	5.44	3.79	2.02	0.05	0.83
2016	1.51	-10.11	2.79	-7.44	3.06	4.53	3.33	-1.50	1.34	0.96	2.92	3.72	2.35	0.84	-0.07	1.39
2017	3.08	8.35	4.59	-0.62	5.33	-0.38	2.81	-0.57	2.54	3.78	5.87	3.40	5.09	1.62	0.92	0.95
I	2.94	10.87	6.38	1.31	7.76	-4.08	3.17	-1.25	2.44	3.59	7.91	3.40	4.10	1.94	1.10	0.64
II	2.50	7.23	3.01	-3.99	3.58	-1.83	3.68	-1.49	1.75	2.90	3.01	3.44	1.91	1.64	0.79	0.71
III	3.36	10.46	5.10	2.74	5.64	2.10	1.84	0.49	2.98	4.45	7.56	3.32	7.30	1.43	0.68	1.07
IV	3.48	5.79	4.00	-1.90	4.54	1.36	2.70	0.07	2.94	4.16	5.12	3.43	7.30	1.47	1.13	1.35
2018	2.63	2.27	3.34	4.68	3.43	1.43	2.96	3.31	2.57	3.42	4.77	1.91	3.42	1.56	0.92	2.29
I	3.15	2.40	3.24	0.63	3.26	2.93	3.13	2.31	3.09	4.38	6.76	2.19	7.19	1.18	1.01	1.71
II	3.29	4.16	4.90	3.39	5.03	2.36	3.44	3.33	2.90	4.56	4.27	0.00	5.79	1.33	0.86	2.03
III	2.38	0.76	2.66	3.92	2.63	1.85	2.66	2.79	2.30	3.55	5.17	1.99	0.16	1.81	0.68	2.39
IV	1.80	1.60	2.67	9.85	2.92	-0.56	2.67	5.12	2.05	1.45	2.96	3.35	0.78	1.88	1.17	2.95
2019																
I (r)	1.83	0.66	-2.00	3.90	-2.68	2.38	2.83	1.55	2.22	2.22	1.81	3.08	0.39	1.79	0.90	3.49
II (p)	2.40	-5.96	1.25	0.53	1.02	0.74	3.13	2.48	2.52	2.79	1.08	3.99	1.80	2.21	0.92	3.22

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						Services							
			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)		
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
2014	4.02	0.03	2.40	0.00	2.35	0.00	0.03	0.02	2.12	0.72	0.02	0.10	0.49	0.17	-0.02	0.64
2015	0.81	-0.15	-0.21	-0.01	-0.08	-0.10	0.00	-0.02	0.80	0.06	-0.02	0.16	0.25	0.17	0.00	0.18
2016	1.51	-0.17	0.99	-0.01	0.92	0.10	0.02	-0.04	0.84	0.16	0.09	0.11	0.15	0.07	0.00	0.26
2017	3.08	0.15	1.64	0.00	1.64	-0.01	0.02	-0.01	1.58	0.61	0.17	0.10	0.33	0.13	0.06	0.18
I	2.94	0.18	2.18	0.00	2.25	-0.05	0.02	-0.04	1.56	0.61	0.23	0.10	0.27	0.16	0.08	0.11
II	2.50	0.16	1.06	0.00	1.09	-0.01	0.02	-0.04	1.10	0.46	0.09	0.10	0.13	0.13	0.05	0.14
III	3.36	0.11	1.90	0.00	1.84	0.04	0.01	0.01	1.83	0.66	0.22	0.10	0.48	0.11	0.04	0.22
IV	3.48	0.15	1.42	0.00	1.39	0.00	0.02	0.01	1.84	0.70	0.15	0.10	0.44	0.12	0.06	0.27
2018	2.63	0.04	1.20	0.00	1.08	0.02	0.02	0.08	1.60	0.55	0.14	0.05	0.23	0.13	0.06	0.44
I	3.15	0.04	1.12	0.00	0.97	0.06	0.02	0.07	2.00	0.75	0.21	0.06	0.47	0.10	0.07	0.34
II	3.29	0.07	1.71	0.00	1.53	0.06	0.03	0.09	1.84	0.73	0.13	0.00	0.42	0.11	0.06	0.39
III	2.38	0.03	0.98	0.00	0.86	0.03	0.02	0.07	1.38	0.53	0.15	0.06	0.01	0.13	0.04	0.46
IV	1.80	0.02	0.95	0.01	0.90	-0.07	0.02	0.09	1.29	0.25	0.09	0.09	0.05	0.16	0.06	0.59
2019																
I (r)	1.83	0.01	-0.67	0.00	-0.78	0.04	0.02	0.05	1.46	0.39	0.05	0.08	0.03	0.15	0.06	0.70
II (p)	2.40	-0.12	0.46	0.00	0.34	0.03	0.02	0.07	1.58	0.45	0.03	0.11	0.14	0.18	0.06	0.61

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 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\$)	(%)	(%)	(%)
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
2014	5,569,084	33.58	3,521,157	21.23	2,047,927	12.35	36.77	58.16
2015	6,033,122	34.87	3,513,112	20.31	2,520,010	14.57	41.77	71.73
2016	6,070,719	34.29	3,562,189	20.12	2,508,530	14.17	41.32	70.42
2017	6,161,104	34.29	3,543,176	19.72	2,617,928	14.57	42.49	73.89
I	1,527,379	34.22	889,453	19.93	637,926	14.29	41.77	71.72
II	1,430,460	33.35	884,972	20.63	545,488	12.72	38.13	61.64
III	1,536,660	34.12	870,390	19.32	666,270	14.79	43.36	76.55
IV	1,666,605	35.40	898,361	19.08	768,244	16.32	46.10	85.52
2018	5,976,881	32.97	3,793,979	20.93	2,182,902	12.04	36.52	57.54
I	1,480,766	32.54	899,760	19.77	581,006	12.77	39.24	64.57
II	1,384,907	31.55	891,535	20.31	493,372	11.24	35.62	55.34
III	1,522,843	33.89	1,016,435	22.62	506,408	11.27	33.25	49.82
IV	1,588,365	33.82	986,249	21.00	602,116	12.82	37.91	61.05
2019(f)	6,066,876	32.64	4,009,985	21.57	2,056,891	11.07	33.90	51.29
I (r)	1,457,641	31.78	986,331	21.50	471,310	10.27	32.33	47.78
II (p)	1,444,470	32.07	969,276	21.52	475,194	10.55	32.90	49.03
III (f)	1,535,081	32.97	1,025,173	22.02	509,908	10.95	33.22	49.74
IV (f)	1,629,684	33.66	1,029,205	21.26	600,479	12.40	36.85	58.34
2020(f)	6,395,042	33.26	4,232,991	22.01	2,162,051	11.24	33.81	51.08
I (f)	1,560,647	32.75	1,024,901	21.51	535,746	11.24	34.33	52.27
II (f)	1,524,986	32.65	1,012,937	21.69	512,049	10.96	33.58	50.55
III (f)	1,594,577	33.29	1,102,261	23.01	492,316	10.28	30.87	44.66
IV (f)	1,714,832	34.28	1,092,892	21.85	621,940	12.43	36.27	56.91

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 (%)	
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
2014	372,013	4.10	317,229	2.40	54,784	320,092	2.78	281,850	1.38	38,242
2015	340,040	-8.59	272,110	-14.22	67,930	285,344	-10.86	237,219	-15.83	48,124
2016	334,225	-1.71	268,591	-1.29	65,634	280,321	-1.76	230,568	-2.80	49,753
2017	373,025	11.61	299,616	11.55	73,409	317,249	13.17	259,266	12.45	57,983
I	85,622	12.93	69,652	16.74	15,970	72,080	15.04	61,245	21.48	10,835
II	88,473	9.69	73,141	11.51	15,332	75,613	10.18	63,535	11.94	12,078
III	97,442	15.13	77,172	11.31	20,270	83,711	17.45	65,920	11.30	17,790
IV	101,488	9.00	79,651	7.63	21,837	85,845	10.39	68,566	6.86	17,279
2018	394,126	5.66	332,106	10.84	62,020	335,909	5.88	286,333	10.44	49,576
I	93,865	9.63	78,608	12.86	15,257	79,704	10.58	67,952	10.95	11,752
II	97,370	10.06	81,937	12.03	15,433	84,063	11.18	70,250	10.57	13,813
III	100,556	3.20	86,166	11.65	14,390	86,252	3.04	74,966	13.72	11,287
IV	102,335	0.83	85,395	7.21	16,940	85,889	0.05	73,165	6.71	12,724
2019(f)	387,754	-1.62	330,448	-0.50	57,306	331,742	-1.24	286,534	0.07	45,208
I (r)	90,324	-3.77	77,045	-1.99	13,279	76,328	-4.24	67,401	-0.81	8,927
II (p)	95,427	-2.00	81,693	-0.30	13,734	81,895	-2.58	70,886	0.90	11,009
III (f)	99,461	-1.09	85,221	-1.10	14,240	86,178	-0.09	73,676	-1.72	12,503
IV (f)	102,542	0.20	86,489	1.28	16,053	87,341	1.69	74,571	1.92	12,770
2020(f)	401,903	3.65	342,931	3.78	58,972	343,623	3.58	297,548	3.84	46,075
I (f)	94,107	4.19	80,478	4.46	13,629	80,064	4.89	70,538	4.65	9,526
II (f)	98,585	3.31	84,586	3.54	13,999	84,843	3.60	73,106	3.13	11,737
III (f)	103,158	3.72	88,634	4.00	14,524	88,928	3.19	76,868	4.33	12,060
IV (f)	106,053	3.42	89,233	3.17	16,820	89,788	2.80	77,036	3.31	12,752

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
2016								
I	3,929,558	3,649,562	2,195,433	596,625	855,733	282,100	2,814,055	2,531,955
II	3,966,281	3,688,838	2,204,255	580,283	904,239	275,003	2,869,023	2,594,020
III	3,980,903	3,712,571	2,210,016	589,086	913,445	261,355	2,899,875	2,638,520
IV	4,014,772	3,745,660	2,221,243	591,056	933,814	245,500	3,056,836	2,811,336
2017								
I	4,046,250	3,732,115	2,237,884	571,191	923,665	306,607	3,026,935	2,720,328
II	4,067,834	3,771,857	2,255,731	588,160	928,179	286,005	3,024,497	2,738,492
III	4,116,729	3,706,646	2,272,840	599,479	831,269	406,898	3,214,045	2,807,147
IV	4,149,999	3,768,792	2,289,093	583,477	895,414	370,305	3,238,827	2,868,522
2018								
I	4,178,784	3,830,427	2,298,579	610,703	920,219	334,168	3,225,934	2,891,766
II	4,195,392	3,844,958	2,306,352	625,212	911,745	338,300	3,220,813	2,882,513
III	4,212,614	3,883,076	2,309,756	591,541	983,212	310,102	3,250,706	2,940,604
IV	4,225,496	3,901,221	2,321,387	600,594	980,264	301,602	3,275,908	2,974,306
2019								
I (r)	4,258,664	3,905,580	2,332,346	591,996	982,644	339,239	3,266,431	2,927,192
II (p)	4,287,330	3,920,473	2,346,085	604,209	970,774	350,777	3,352,709	3,001,932
III (f)	4,325,286	3,950,749	2,365,542	615,093	970,261	358,543	3,392,041	3,033,498
IV (f)	4,355,367	3,990,068	2,379,546	613,814	997,665	347,036	3,412,149	3,065,113
2020								
I (f)	4,378,974	4,010,538	2,388,490	618,208	1,004,698	349,495	3,452,389	3,102,894
II (f)	4,401,402	4,022,058	2,396,034	623,674	1,003,023	364,251	3,430,547	3,066,296
III (f)	4,430,265	4,056,456	2,409,586	618,077	1,030,105	354,833	3,493,552	3,138,719
IV (f)	4,459,960	4,083,774	2,422,201	620,408	1,042,628	357,067	3,516,777	3,159,710

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	
2016									
I	3.17	1.11	3.32	17.05	-13.86	--	-1.71	-5.81	
II	3.79	4.37	1.62	-10.51	24.68	--	8.05	10.17	
III	1.48	2.60	1.05	6.21	4.13	--	4.37	7.04	
IV	3.45	3.61	2.05	1.34	9.22	--	23.47	28.89	
2017									
I	3.17	-1.44	3.03	-12.78	-4.28	--	-3.86	-12.33	
II	2.15	4.33	3.23	12.42	1.97	--	-0.32	2.70	
III	4.90	-6.74	3.07	7.92	-35.67	--	27.52	10.41	
IV	3.27	6.88	2.89	-10.26	34.63	--	3.12	9.04	
2018									
I	2.80	6.70	1.67	20.01	11.55	--	-1.58	3.28	
II	1.60	1.53	1.36	9.85	-3.63	--	-0.63	-1.27	
III	1.65	4.02	0.59	-19.86	35.24	--	3.76	8.31	
IV	1.23	1.88	2.03	6.26	-1.19	--	3.14	4.66	
2019									
I (r)	3.18	0.45	1.90	-5.60	0.97	--	-1.15	-6.19	
II (p)	2.72	1.53	2.38	8.51	-4.75	--	10.99	10.61	
III (f)	3.59	3.12	3.36	7.40	-0.21	--	4.78	4.27	
IV (f)	2.81	4.04	2.39	-0.83	11.79	--	2.39	4.23	
2020									
I (f)	2.19	2.07	1.51	2.89	2.85	--	4.80	5.02	
II (f)	2.06	1.15	1.27	3.58	-0.67	--	-2.51	-4.64	
III (f)	2.65	3.47	2.28	-3.54	11.25	--	7.55	9.79	
IV (f)	2.71	2.72	2.11	1.52	4.95	--	2.69	2.70	

Table 8 Indicators for Private Final Consumption Expenditure

Unit:%

Period	Sales of Trade and Food Services			Production Indexes of Domestic Consumer Goods	Stock Trading on TSEC and GTSM Market	Number of New Registered Automobile	Outbound Departure of Nationals of the R.O.C	Retail Sales Volume of Credit Cards	People Aged 65 and above as the Percentage of Total Population
	Sales of Retail Trade	Sales of General Merchandise Stores	Sales of Food and Beverage Services						
	Annual Rate	Annual Rate	Annual Rate						
2011	5.1	6.3	13.7	14.9	-10.8	15.5	1.8	8.5	10.89
2012	1.1	4.7	8.7	-7.0	-23.2	-3.3	6.8	5.6	11.15
2013	0.8	2.5	6.7	0.0	-0.9	3.4	7.9	8.5	11.53
2014	2.8	4.8	8.1	2.8	23.0	12.0	7.2	8.1	11.99
2015	-1.0	3.7	7.8	-1.3	-8.4	-0.7	11.3	7.9	12.51
2016	1.1	4.3	8.7	1.8	-15.7	4.5	10.7	8.5	13.20
2017	0.9	1.2	3.7	3.4	45.1	1.1	7.3	8.3	13.86
I	0.5	-1.2	3.2	11.0	8.6	1.0	6.6	7.9	13.39
II	-1.3	0.7	2.8	6.9	26.3	-5.3	7.0	7.1	13.52
III	0.9	0.5	4.2	2.0	57.3	7.8	4.3	9.9	13.66
IV	3.2	4.4	4.8	-4.8	93.0	1.9	11.7	8.3	13.86
2018	2.2	3.8	5.4	1.2	19.3	-2.1	6.3	9.9	14.56
I	4.2	5.3	5.3	-4.0	46.7	6.0	7.6	12.8	14.05
II	3.4	4.5	6.2	-1.3	56.6	-1.3	8.9	8.7	14.18
III	1.2	4.1	6.8	3.3	8.3	-8.6	6.2	8.7	14.35
IV	0.2	1.6	3.5	6.7	-14.5	-4.3	2.4	9.8	14.56
2019									
I	-0.5	2.7	5.8	-0.3	-23.8	-15.8	6.1	8.5	14.76
II	3.9	5.4	4.0	0.9	-21.3	2.5	-0.4	13.1	14.90
Apr.	4.4	4.7	2.0	9.3	6.5	0.6	-5.9	25.3	14.81
May	2.9	4.9	4.9	-1.6	-22.0	6.0	1.6	6.7	14.85
Jun.	4.5	6.6	5.1	-4.0	-41.5	0.9	3.2	10.1	14.90

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 (%)	Annual Rate (%)	Annual Rate (%)	
2011	10.0	9.2	11,009	-10.8	375	-4.2	10.5
2012	-2.4	6.4	10,338	-6.1	349	-6.9	7.3
2013	0.0	6.7	10,893	5.4	367	5.2	1.8
2014	6.9	9.3	11,641	6.9	385	4.7	8.7
2015	1.3	-19.1	12,054	3.5	381	-1.1	-1.0
2016	-2.7	-17.9	13,738	14.0	427	12.1	2.5
2017	5.2	11.6	12,942	-5.8	425	-0.4	5.5
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
2018	8.3	13.1	13,060	0.9	433	2.0	6.9
I	6.5	6.8	3,095	-6.1	105	-0.2	4.5
II	9.9	18.9	3,080	-1.7	104	0.4	6.2
III	4.2	16.1	3,571	16.8	116	15.3	6.3
IV	12.2	9.8	3,314	-4.1	107	-6.3	6.9
2019							
I	6.7	13.2	3,750	21.2	122	15.6	8.8
II	6.4	3.3	3,752	21.8	121	15.9	10.2
Apr.	15.0	18.7	1,185	23.0	38	16.5	9.0
May	2.0	-16.8	1,077	-3.6	35	-7.4	9.7
Jun.	3.0	14.0	1,490	49.0	47	41.6	10.2

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	saar	yoy	saar		Germany	France	UK	yoy	saar		yoy	saar	yoy	saar
2010	10.63	—	2.6	—	4.2	—	2.1	4.1	1.9	1.7	10.6	—	6.8	6.8	—	14.5	—
2011	3.80	—	1.6	—	-0.1	—	1.7	3.7	2.2	1.6	9.6	—	4.8	3.7	—	6.3	—
2012	2.06	—	2.2	—	1.5	—	-0.4	0.5	0.3	1.4	7.9	—	1.7	2.4	—	4.4	—
2013	2.20	—	1.8	—	2.0	—	0.3	0.5	0.6	2.0	7.8	—	3.1	3.2	—	4.8	—
2014	4.02	—	2.5	—	0.4	—	1.8	2.2	1.0	2.9	7.3	—	2.8	3.2	—	3.9	—
2015	0.81	—	2.9	—	1.2	—	2.3	1.5	1.1	2.3	6.9	—	2.4	2.8	—	2.9	—
2016	1.51	—	1.6	—	0.6	—	2.0	2.1	1.1	1.8	6.7	—	2.2	2.9	—	3.0	—
2017	3.08	—	2.4	—	1.9	—	2.5	2.8	2.3	1.8	6.8	—	3.8	3.2	—	3.7	—
I	2.94	3.17	2.1	2.3	1.5	3.6	2.3	2.4	1.4	1.8	6.8	6.1	4.4	3.1	3.6	3.7	1.2
II	2.50	2.15	2.2	2.2	1.7	1.7	2.6	2.3	2.4	1.9	6.8	7.4	4.0	2.8	2.0	3.0	1.5
III	3.36	4.90	2.4	3.2	2.2	2.9	2.8	3.0	2.8	2.0	6.7	7.0	3.6	3.9	6.1	4.6	8.3
IV	3.48	3.27	2.8	3.5	2.4	1.2	2.7	3.4	3.0	1.6	6.7	6.1	3.5	2.8	-0.4	3.6	3.6
2018	2.63	—	2.9	—	0.8	—	2.0	1.5	1.7	1.4	6.6	—	3.0	2.7	—	3.1	—
I	3.15	2.80	2.9	2.5	1.3	-0.3	2.4	2.3	2.4	1.2	6.8	6.1	4.6	2.8	4.1	4.6	4.9
II	3.29	1.60	3.2	3.5	1.5	1.6	2.2	2.1	1.9	1.4	6.7	7.0	3.6	2.9	2.4	4.2	0.7
III	2.38	1.65	3.1	2.9	0.1	-1.9	1.9	1.1	1.5	1.6	6.5	6.6	2.8	2.1	2.0	2.6	0.8
IV	1.80	1.23	2.5	1.1	0.3	1.6	1.5	0.6	1.1	1.4	6.4	6.1	1.2	2.9	3.6	1.3	-0.8
2019																	
I	1.83	3.18	2.7	3.1	1.0	2.8	1.6	0.9	1.2	1.8	6.4	5.7	0.6	1.7	-1.6	1.1	3.8
II	2.40	2.72	2.3	2.1	1.2	1.8	1.3	0.4	1.3	1.2	6.2	6.6	0.6	2.1	4.5	0.1	-3.3

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.*Chained dollars at seasonally adjusted annual rates (yoy).

Table 11 The Changes of Consumer Price Indices for Major Countries

Period	Unit:%																			
	ROC(Taiwan)		US		Japan		China		South Korea		Singapore		HK		Indonesia		Germany		Philippines	
		Food		Food		Food		Food		Food		Food		Food		Food		Food		Food
2010	0.97	0.62	1.6	0.8	-0.7	-0.3	3.2	7.2	2.9	6.4	2.8	1.4	2.3	2.4	5.1	9.4	1.1	1.3	3.8	...
2011	1.42	2.26	3.2	3.7	-0.3	-0.4	5.6	11.8	4.0	8.1	5.2	3.0	5.3	7.0	5.4	8.7	2.1	2.8	4.7	...
2012	1.93	4.17	2.1	2.6	-0.1	0.1	2.6	4.8	2.2	4.0	4.6	2.3	4.1	5.8	4.3	5.9	2.0	3.4	3.0	...
2013	0.79	1.25	1.5	1.4	0.3	-0.1	2.6	4.7	1.3	0.9	2.4	2.1	4.3	4.4	6.4	11.9	1.5	3.8	2.6	2.5
2014	1.20	3.75	1.6	2.4	2.8	3.8	1.9	3.1	1.3	0.3	1.0	2.9	4.4	4.1	6.4	6.8	0.9	1.1	3.6	5.9
2015	-0.30	3.13	0.1	1.9	0.8	3.1	1.4	2.3	0.7	1.6	-0.5	1.9	3.0	4.0	6.4	7.2	0.5	0.6	0.7	1.8
2016	1.39	5.23	1.3	0.3	-0.1	1.7	2.0	3.8	1.0	2.3	-0.5	2.1	2.4	3.4	3.5	7.2	0.5	0.8	1.3	1.6
2017	0.62	-0.37	2.1	0.9	0.5	0.7	1.6	-0.4	1.9	3.4	0.6	1.4	1.5	2.2	3.8	2.1	1.5	2.8	2.9	3.0
2018	1.35	0.99	2.4	1.4	1.0	1.4	2.1	1.9	1.5	2.8	0.4	1.4	2.4	3.4	3.2	4.2	1.7	2.3	5.2	6.8
Jul.	1.76	0.90	2.9	1.4	0.9	1.4	2.1	1.0	1.1	1.4	0.6	1.5	2.4	3.6	3.2	5.4	1.9	2.5	5.7	7.1
Aug.	1.54	0.76	2.7	1.4	1.3	2.1	2.3	1.9	1.4	3.6	0.7	1.7	2.3	3.5	3.2	4.9	1.9	2.3	6.4	8.5
Sep.	1.72	2.47	2.3	1.4	1.2	1.8	2.4	3.0	2.1	5.8	0.7	1.6	2.7	3.6	2.9	3.8	1.9	2.8	6.7	9.7
Oct.	1.16	1.49	2.5	1.2	1.4	2.4	2.5	2.9	2.0	5.7	0.7	1.4	2.7	3.1	3.2	4.4	2.3	1.8	6.7	9.4
Nov.	0.29	-0.46	2.2	1.4	0.9	0.5	2.1	2.5	2.0	5.3	0.3	1.4	2.6	3.0	3.2	4.3	2.1	1.5	6.0	8.0
Dec.	-0.06	-0.62	1.9	1.6	0.3	-1.1	1.9	2.4	1.3	4.2	0.5	1.4	2.6	2.9	3.1	3.4	1.6	1.0	5.1	6.7
2019Jan. ~ Jul.	0.54	1.73	1.7	1.9	0.5	-0.1	2.3	4.3	0.6	1.5	0.6	1.4	2.6	3.6	2.9	2.8	1.6	0.9	3.3	3.5
Jan.	0.18	0.81	1.6	1.6	0.2	-1.5	1.7	2.0	0.8	2.6	0.4	1.4	2.5	3.3	2.8	2.0	1.4	0.7	4.4	5.6
Feb.	0.22	0.86	1.5	2.0	0.2	-1.4	1.5	1.2	0.5	0.4	0.5	1.4	2.1	3.0	2.6	0.7	1.5	1.3	3.8	4.7
Mar.	0.56	1.46	1.9	2.1	0.5	-0.3	2.3	3.5	0.4	1.1	0.6	1.6	2.1	3.1	2.5	0.6	1.3	0.5	3.3	3.4
Apr.	0.66	1.36	2.0	1.8	0.9	0.7	2.6	4.7	0.6	1.4	0.8	1.3	2.9	3.0	2.8	2.3	2.0	0.5	3.0	3.0
May	0.93	2.59	1.8	2.0	0.8	0.8	2.8	5.8	0.7	1.9	0.9	1.4	2.8	3.6	3.3	4.1	1.4	0.8	3.2	3.4
Jun.	0.85	3.36	1.6	1.9	0.7	1.4	2.7	6.1	0.7	2.0	0.6	1.4	3.3	5.6	3.3	4.9	1.6	1.0	2.7	2.7
Jul.	0.40	1.71	1.8	1.8	...	...	2.8	6.7	0.6	0.8	...	...	...	...	3.3	4.9	1.7	1.8	2.4	1.9

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

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

2. Change rates of food source from official websites.

Table 12 Summary of Earning and Productivity Statistics in Taiwan Area

Year and month	Employees on payrolls			Industry & services									Total monthly earnings of each employee				
	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\$)	(%)		
(Thousand person)	(Thousand person)	(Thousand person)	(Thousand person)	(%)	(Thousand person)	(%)	(hour)	(hour)	(hour)	(NT\$)	(NT\$)	(%)	(NT\$)	(%)			
2010	6,694	2,991	3,703	189	2.83	167	2.51	181.1	8.8	2.5	44,646	36,233	1.71	1,446	39.31		
2011	6,930	3,100	3,831	181	2.62	165	2.38	178.7	8.4	-0.4	45,961	36,735	1.39	1,421	-1.73		
2012	7,075	3,138	3,937	165	2.34	155	2.20	178.4	8.0	-0.4	46,109	37,193	1.25	1,399	-1.55		
2013	7,204	3,172	4,032	172	2.40	160	2.22	177.1	8.5	0.5	46,174	37,552	0.97	1,506	7.65		
2014	7,381	3,238	4,144	188	2.56	173	2.35	177.9	8.6	0.1	47,832	38,218	1.77	1,556	3.32		
2015	7,532	3,279	4,253	177	2.36	167	2.22	175.3	8.3	-0.3	49,024	38,712	1.29	1,562	0.39		
2016	7,637	3,294	4,343	174	2.29	165	2.17	169.6	8.5	0.2	49,266	39,213	1.29	1,656	6.02		
2017	7,769	3,337	4,432	182	2.35	171	2.20	169.6	8.0	-0.5	50,480	39,928	1.82	1,724	4.11		
2018	7,877	3,376	4,500	186	2.37	178	2.26	169.4	8.1	0.1	52,407	40,959	2.58	1,820	5.57		
May	7,845	3,369	4,475	172	2.20	165	2.11	179.0	8.3	0.1	48,139	40,882	2.56	1,842	5.50		
Jun.	7,849	3,370	4,479	185	2.36	180	2.30	165.5	8.2	0.4	48,501	40,810	2.43	1,843	8.22		
Jul.	7,899	3,389	4,510	250	3.19	200	2.55	176.1	8.2	0.4	51,710	40,935	2.72	1,845	9.30		
Aug.	7,908	3,388	4,520	222	2.81	214	2.71	181.6	8.1	0.1	49,714	41,220	2.97	1,835	6.44		
Sep.	7,900	3,382	4,518	209	2.64	216	2.74	159.4	8.2	0.4	48,102	41,139	2.63	1,863	11.09		
Oct.	7,912	3,388	4,524	183	2.32	172	2.18	177.5	8.2	0.0	45,933	41,229	2.62	1,880	6.64		
Nov.	7,925	3,393	4,532	158	2.00	145	1.83	177.0	7.8	-0.3	46,937	41,239	2.60	1,798	1.99		
Dec.	7,933	3,394	4,539	147	1.86	139	1.76	171.2	7.8	-0.3	50,869	41,378	2.09	1,811	2.20		
2019 Jan. ~ Jun.	7,933	3,387	4,545	176	2.22	175	2.20	163.5	7.8	-0.3	56,870	41,668	2.32	1,826	1.33		
Jan.	7,941	3,392	4,550	164	2.07	156	1.96	181.8	7.6	-0.5	94,136	41,694	2.31	1,737	-2.03		
Feb.	7,919	3,382	4,537	149	1.88	172	2.16	128.8	7.2	-0.2	54,259	41,235	1.98	1,735	3.89		
Mar.	7,927	3,387	4,541	204	2.58	196	2.47	166.5	7.9	-0.4	46,432	41,659	2.21	1,837	-1.02		
Apr.	7,931	3,387	4,544	184	2.32	180	2.27	165.6	8.1	-0.2	47,766	41,751	2.55	1,885	3.06		
May	7,937	3,387	4,550	172	2.17	167	2.10	178.6	8.1	-0.2	50,299	41,888	2.46	1,895	2.88		
Jun.	7,941	3,389	4,552	183	2.30	178	2.24	159.6	7.9	-0.3	48,286	41,782	2.38	1,868	1.36		
The change compared with the last month(value)	4	2	2	11	0.13	11	0.14	-19.0	-0.2		-2,013	-106		-27			
The change compared with the same month of last year(value)	92	19	73	-2	-0.06	-2	-0.06	-5.9	-0.3		-215	972		25			
The change compared with the same period (Jan. ~ Jun.) of last year(value)	93	23	68	-1	-0.04	-1	-0.04	-1.5	-0.3		901	944		24			
The change compared with the last month(rate)	0.06	0.07	0.05	5.90		6.75		-10.64	-2.47		-4.00	-0.25		-1.42			
The change compared with the same month of last year(rate)	1.17	0.57	1.63	-1.20		-1.32		-3.56	-3.66		-0.44	2.38		1.36			
The change compared with the same period (Jan. ~ Jun.) of last year(rate)	1.18	0.70	1.54	-0.60		-0.55		-0.91	-3.70		1.61	2.32		1.33			

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).

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 (%)					
1991	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
1996	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
1997	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
1998	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
1999	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
2000	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
2001	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
2002	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
2003	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
2004	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
2005	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
2006	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
2007	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
2008	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
2009	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
2010	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
2011	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
2012	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
2013	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
2014	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
2015	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
2016	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
2017	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
2018	3.05	1.42	131.0	70.7	15.9	19.2	25.2	103.6	1.7	34.0	2.4	88.6	0.6	29.2	2.6	81.1	-0.0	22.5	8.5

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

Year	Income Inequality Indices					
	Household income		Per capita income			
			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	Ratio of income share of highest 20% to that of lowest 20%	Gini's concentration coefficient
1991	4.97	0.308	4.41	0.300	3.91	0.274
1996	5.38	0.317	4.12	0.290	3.82	0.270
1997	5.41	0.320	4.18	0.292	3.83	0.272
1998	5.51	0.324	4.18	0.296	3.82	0.273
1999	5.50	0.325	4.08	0.292	3.76	0.272
2000	5.55	0.326	4.15	0.294	3.80	0.273
2001	6.39	0.350	4.57	0.312	4.31	0.295
2002	6.16	0.345	4.59	0.313	4.32	0.296
2003	6.07	0.343	4.39	0.306	4.17	0.290
2004	6.03	0.338	4.28	0.301	4.05	0.284
2005	6.04	0.340	4.24	0.300	4.03	0.284
2006	6.01	0.339	4.18	0.295	3.98	0.281
2007	5.98	0.340	4.16	0.296	4.03	0.284
2008	6.05	0.341	4.23	0.300	4.02	0.284
2009	6.34	0.345	4.35	0.302	4.18	0.286
2010	6.19	0.342	4.25	0.296	4.10	0.283
2011	6.17	0.342	4.29	0.296	4.14	0.283
2012	6.13	0.338	4.14	0.290	4.02	0.276
2013	6.08	0.336	4.08	0.288	3.95	0.273
2014	6.05	0.336	3.98	0.282	3.91	0.271
2015	6.06	0.338	3.91	0.279	3.87	0.270
2016	6.08	0.336	3.89	0.278	3.83	0.268
2017	6.07	0.337	3.89	0.277	3.88	0.270
2018	6.09	0.338	3.90	0.278	3.86	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 (1)		Ratio A	Amount (2)		Amount (3)=(1)+(2)		Ratio B	Amount (4)		Amount (3)-(4)		Ratio C	With Current Transfer From Government	With Current Transfers to Government	With Current Transfers
	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
2018	297,083	2,153,435	7.25	55,280	40,569	352,363	2,194,005	6.23	7,415	94,975	344,948	2,099,030	6.09	1.02	0.14	1.16

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)		South Korea (C)		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%	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	8.32	0.39	-	-	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	8.10	0.39	-	-	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	7.68	0.37	-	-	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	7.37	0.36	-	-	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	6.91	0.35	-	-	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	6.98	0.36	-	-	11.7	0.46	0.40	-
2017	6.07	0.337	6.43	-	-	16.73	0.48	-	-	3.89	0.277	-	-	14.31	0.46	-	-	-	-	7.00	0.36	-	-	11.8	0.46	0.40	-
2018	6.09	0.338	6.38	-	-	-	-	-	-	3.90	0.278	-	-	-	-	-	-	-	-	-	-	-	-	11.9	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 (farm households are excluded), South Korea (c) is per capita disposable income for all households, 2015-2017 is the preliminary numbers. 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: (a) (b) Annual Report on the Household Income and Expenditure Survey, (c) Survey of Household Finances and Living Conditions. 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 2001-2004、2006-2009、2011-2018 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 house ^①			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
2018	98.8	10.8	93.0	89.6	98.8	94.1	86.1	76.9	11.1	43.0	95.2	83.6	60.6	66.8	95.4	9.9	3.5	89.2	84.5	4.7	45.2	14.8
by five equal divisions of household according to disposable income																						
1 Lowest 20%	97.1	16.4	84.4	83.6	95.9	83.8	73.2	67.0	6.7	23.8	82.1	70.9	28.2	26.4	85.8	6.5	0.5	83.9	76.4	7.5	39.0	23.3
2	98.8	12.4	91.0	87.6	98.9	93.6	85.3	77.5	8.5	36.5	96.0	83.5	49.7	57.1	93.2	7.9	1.2	86.3	79.9	6.4	42.5	17.0
3	99.1	8.8	95.5	90.3	99.6	96.2	88.7	79.4	10.9	44.8	98.6	87.1	65.3	74.0	95.4	9.6	2.8	89.0	84.4	4.5	44.1	13.9
4	99.5	8.8	96.5	92.6	99.8	98.0	91.5	81.4	12.3	51.5	99.6	89.6	75.3	84.7	96.8	10.6	4.3	91.6	88.5	3.1	47.0	12.7
5 Highest 20%	99.5	7.5	97.6	93.9	99.7	98.9	92.0	79.2	17.2	58.2	99.8	86.7	84.4	91.8	98.3	14.7	8.8	95.4	93.4	2.0	53.6	12.8

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		
2009	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
2010	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
2011	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
2012	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
2013	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
2014	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
2015	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
2016	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
2017	1,018,941	338,278	2,052,850	6.07	13,955	24,574	12,794	1,032,896	362,852	2,065,644	5.69	0.38
2018	1,036,304	344,948	2,099,030	6.09	14,325	24,210	13,355	1,050,629	369,158	2,112,385	5.72	0.36