

GDP: Preliminary Estimate for 2022Q2, and Outlook for 2022-23

August 12, 2022 According to the preliminary estimate, Taiwan's real gross domestic product (GDP) increased by 3.05% in 2022Q2, compared to the same period of the previous year, and the growth rate of 2022Q1 has been revised to 3.72%. Furthermore, the real GDP is predicted to grow 3.76% and 3.05% in 2022 and 2023, respectively.

Preliminary Estimate of Real GDP in 2022Q2

The real GDP decreased by 7.01% on a quarter-on-quarter, seasonally-adjusted annualized basis (saar), or increased by 3.05% on a year-on-year basis (yoy) in 2022Q2, 0.03 percentage point lower than the advance estimate.

Meanwhile, the economic growth rate of 2022Q1 has been revised to 3.72% (formerly 3.14%).

On the demand side, despite the Omicron variant cases surging, real private final consumption still grew by 2.89% (yoy) in 2022Q2, primarily due to revival in consumption such as retail, dining out, recreation and transportation, compared to low base of 2021 nationwide epidemic alert period.

Regarding gross capital formation, investment in machinery equipment and transportation equipment grew significantly. Combining inventory changes, real gross capital formation expanded by 9.42% (yoy).

In addition, real exports of goods and services grew by 4.32% (yoy), mainly supported by the continuing demand for applications of emerging technologies and digital transformation. Imports increased by 8.83% (yoy).

On the production side, the manufacturing sector grew by 4.79% in 2022Q2, following the 6.39% increase in the previous quarter, mainly due to the output expansion of semiconductor and computers, electronic & optical products.

The wholesale and retail trade sector increased by 1.71%, after the expansion of 2.28% in the previous quarter.

The transportation and storage sector grew by 0.50% in 2022Q2, due to the growing number of passengers taking public transports, such as TRA, THSR and MRT.

The financial and insurance sector decreased by 1.26% in 2022Q2, following the 2.43% growth in the previous quarter.

Forecast for 2022

Global economic growth is projected to slowdown, owing to Russia-Ukraine war, lockdowns in mainland China and increasing interest rate hikes worldwide. According to International Monetary Fund (IMF), the world trade volume growth is projected to be 4.1% in 2022. Despite the pressure of inventory correction, the advanced capacity expansion of leading semiconductor manufacturers promptly meets the emerging demand for new technological applications and enterprise digitalization, and demand for infrastructure investments from other countries all will support Taiwan's export. In aggregate with services exports, real exports of goods and services will grow by 5.84% in 2022.

In spite of the weak consumption caused by the pandemic in the first half of 2022, the eased COVID-19 control restrictions and domestic travel subsidy program revive domestic travel tourism gradually. Real private consumption will grow by 3.03%, mainly owing to wage and dividend raise supported by the robust corporation profitability, the increased minimum wage and civil servant's salary, with the effect of low base.

Real private fixed capital formation will grow by 6.55%. In addition to the continuing investment of semiconductor industry and the reshoring Taiwan's overseas companies, it is also driven by the sustaining investment in green energy and its supportive industries' capacity and equipments.

Combining the above components as well as the public sector, Taiwan's real GDP is projected to grow by 3.76% in 2022, downward revised by 0.15 percentage point from the previous forecast.

Consumer price Index (CPI) will increase 2.92%, upward revised by 0.25 percentage point, mainly reflecting the cost due to higher import prices, and significant prices hike in food away from home and residential rent.

Outlook for 2023

The domestic capacity expansion of the advanced capacity of leading semiconductor manufacturers and sustaining investment in offshore wind energy will support Taiwan's export and investment growth. However, the momentum of global demand is crumbling, indicated by the world trade volume grown projected to the weaker 3.2% in 2023, according to International Monetary Fund (IMF). Combining the contribution from domestic sector, with the recovering consumption driven by expected cross-border tourism, real GDP will grow by 3.05% in 2023. CPI will rise by 1.72%.

For further information:

Statistics Database:

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

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Next release –October 31, 2022 for:

Gross Domestic Products of 2022Q3 (Advance Estimate)

Table 1-1 Gross Domestic Product and Economic Growth Rate

Period	Nominal GDP (At Current Prices)		Real GDP (Chained (2016) dollars)		Economic Growth Rate (%)		
	Original Series (Million NT\$)	Seasonally Adjusted (Million NT\$)	Original Series (Million NT\$)	Seasonally Adjusted (Million NT\$)	yoy	saqr	saar
2013	15,270,728	—	16,171,821	—	2.48	—	—
2014	16,258,047	—	16,935,007	—	4.72	—	—
2015	17,055,080	—	17,183,235	—	1.47	—	—
2016	17,555,268	—	17,555,268	—	2.17	—	—
2017	17,983,347	—	18,136,589	—	3.31	—	—
2018	18,375,022	—	18,642,014	—	2.79	—	—
2019	18,908,632	—	19,213,196	—	3.06	—	—
2020	19,798,597	—	19,858,578	—	3.36	—	—
I	4,693,881	4,731,472	4,672,351	4,847,928	2.99	-0.58	-2.32
II	4,721,878	4,839,139	4,745,511	4,837,101	0.63	-0.22	-0.89
III	5,077,078	5,073,429	5,095,513	5,039,664	4.31	4.19	17.83
IV	5,305,760	5,154,557	5,345,203	5,133,885	5.30	1.87	7.69
2021	21,710,598	—	21,163,404	—	6.57	—	—
I	5,283,792	5,324,263	5,102,244	5,284,190	9.20	2.93	12.24
II	5,228,399	5,379,812	5,113,633	5,234,897	7.76	-0.93	-3.68
III	5,427,963	5,420,191	5,318,063	5,258,436	4.37	0.45	1.81
IV	5,770,444	5,586,332	5,629,464	5,385,881	5.32	2.42	10.05
2022(f)	23,015,636	—	21,958,158	—	3.76	—	—
I (r)	5,626,527	5,706,038	5,292,135	5,471,958	3.72	1.60	6.55
II (p)	5,505,569	5,594,479	5,269,419	5,373,461	3.05	-1.80	-7.01
III (f)	5,811,116	5,785,836	5,568,669	5,491,050	4.71	2.19	9.04
IV (f)	6,072,424	5,929,283	5,827,935	5,621,689	3.53	2.38	9.86
2023(f)	24,145,749	—	22,627,033	—	3.05	—	—
I (f)	5,910,021	5,992,180	5,463,237	5,642,441	3.23	0.37	1.48
II (f)	5,886,980	5,982,975	5,527,923	5,644,749	4.91	0.04	0.16
III (f)	6,075,807	6,046,556	5,739,331	5,655,704	3.06	0.19	0.78
IV (f)	6,272,941	6,124,038	5,896,542	5,684,139	1.18	0.50	2.03

Explanation: 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 (2016) dollars		(At Current Prices)		At Current Prices		Chained (2016) dollars	
	Amount	Annual Change Rate	Amount	Amount	Economic Growth Rate	Amount	Amount	Amount	Amount	Amount	Annual Change Rate
	(Million NT\$)	(%)	(Million US\$)	(Million NT\$)	(%)	(Million NT\$)	(Million US\$)	(Million NT\$)	(Million US\$)	(Million NT\$)	(%)
2013	15,270,728	4.04	512,957	16,171,821	2.48	15,673,232	526,477	13,194,356	443,210	13,193,923	4.16
2014	16,258,047	6.47	535,332	16,935,007	4.72	16,697,152	549,791	14,212,193	467,968	14,127,703	7.08
2015	17,055,080	4.90	534,474	17,183,235	1.47	17,494,741	548,253	14,860,645	465,705	14,950,537	5.82
2016	17,555,268	2.93	543,002	17,555,268	2.17	18,006,409	556,957	15,305,453	473,413	15,305,453	2.37
2017	17,983,347	2.44	590,780	18,136,589	3.31	18,430,708	605,477	15,733,800	516,879	15,765,865	3.01
2018	18,375,022	2.18	609,251	18,642,014	2.79	18,789,823	623,005	15,968,442	529,458	15,864,685	0.63
2019	18,908,632	2.90	611,336	19,213,196	3.06	19,384,783	626,731	16,312,542	527,402	16,198,726	2.11
2020	19,798,597	4.71	669,324	19,858,578	3.36	20,370,436	688,656	17,129,993	579,107	17,250,310	6.49
I	4,693,881	2.47	155,506	4,672,351	2.99	4,873,190	161,465	4,042,048	133,896	3,985,833	1.65
II	4,721,878	2.32	157,584	4,745,511	0.63	4,859,240	162,185	4,038,488	134,761	4,092,226	3.66
III	5,077,078	6.43	172,024	5,095,513	4.31	5,228,072	177,160	4,423,295	149,855	4,513,418	12.41
IV	5,305,760	7.35	184,210	5,345,203	5.30	5,409,934	187,846	4,626,162	160,595	4,658,833	7.99
2021	21,710,598	9.66	774,942	21,163,404	6.57	22,169,631	791,308	18,722,948	668,321	18,263,984	5.88
I	5,283,792	12.57	186,115	5,102,244	9.20	5,423,744	191,044	4,530,169	159,569	4,461,703	11.94
II	5,228,399	10.73	186,795	5,113,633	7.76	5,334,204	190,575	4,507,137	161,027	4,378,293	6.99
III	5,427,963	6.91	194,760	5,318,063	4.37	5,512,776	197,803	4,623,008	165,878	4,558,736	1.00
IV	5,770,444	8.76	207,272	5,629,464	5.32	5,898,907	211,886	5,062,634	181,847	4,865,252	4.43
2022											
I (r)	5,626,527	6.49	200,947	5,292,135	3.72	5,809,255	207,473	4,844,358	173,013	4,555,138	2.09
II (p)	5,505,569	5.30	186,883	5,269,419	3.05	5,660,701	192,149	4,751,038	161,271	4,393,775	0.35

Explanation: 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		
2013	1.52	0.26	0.26	-2.28	-1.29	-3.72	0.79	-2.43
2014	1.66	0.65	0.70	1.21	-0.04	-1.68	1.20	-0.56
2015	3.39	-0.70	0.24	-1.72	-3.55	-10.09	-0.30	-8.85
2016	0.76	0.69	1.29	0.47	-1.96	-2.50	1.39	-2.98
2017	-0.84	-0.02	0.59	-0.05	-1.98	-0.77	0.62	0.90
2018	-0.59	0.98	1.42	2.15	0.59	3.73	1.35	3.63
2019	-0.16	0.57	0.58	1.81	-2.87	-1.33	0.56	-2.26
2020	1.31	-0.33	1.80	-0.21	-4.78	-8.63	-0.23	-7.77
I	-0.51	0.53	1.48	0.07	-4.51	-3.15	0.54	-5.11
II	1.68	-0.99	2.10	-0.67	-6.36	-11.92	-0.97	-11.25
III	2.03	-0.68	2.16	-0.79	-4.91	-11.13	-0.48	-8.65
IV	1.94	-0.23	1.54	0.43	-3.18	-7.93	-0.04	-5.99
2021	2.90	1.40	2.11	2.94	7.01	6.91	1.96	9.46
I	3.09	0.41	0.58	1.48	1.92	-3.09	0.80	1.03
II	2.75	1.45	2.28	3.23	6.95	8.24	2.12	11.06
III	2.44	1.55	2.60	3.33	7.84	10.14	2.28	11.98
IV	3.26	2.15	2.83	3.65	10.60	12.12	2.68	14.13
2022(f)	2.17	2.70	2.33	3.76	10.40	13.96	2.92	11.92
I (r)	2.67	2.55	2.57	3.54	10.15	12.77	2.81	12.54
II (p)	2.19	3.32	2.88	4.78	13.49	18.28	3.46	16.27
III (f)	2.23	2.77	2.36	3.41	10.97	14.54	2.96	11.96
IV (f)	1.66	2.21	1.83	3.38	7.47	10.61	2.44	7.18
2023(f)	1.80	1.41	1.19	0.55	-1.25	-2.97	1.72	-3.13
I (f)	1.75	1.88	0.71	1.70	3.81	4.23	1.98	2.39
II (f)	1.93	0.98	1.11	-0.10	-3.46	-6.38	1.37	-5.55
III (f)	1.45	1.26	1.50	0.17	-3.00	-4.70	1.66	-5.30
IV (f)	2.09	1.55	1.40	0.51	-1.98	-4.21	1.89	-3.74

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					
2013	15,270,728	13,943,063	8,242,378	2,259,221	3,465,988	2,763,424	200,214	502,350	-24,524	1,327,665	11,854,435	10,526,770
2014	16,258,047	14,632,191	8,602,842	2,360,910	3,630,558	2,951,986	211,289	467,283	37,881	1,625,856	12,559,478	10,933,622
2015	17,055,080	14,857,471	8,787,564	2,363,711	3,663,758	3,029,456	191,487	442,815	42,438	2,197,609	12,157,096	9,959,487
2016	17,555,268	15,361,883	9,082,075	2,482,242	3,807,567	3,172,823	186,630	448,114	-10,001	2,193,385	11,808,128	9,614,743
2017	17,983,347	15,583,517	9,325,676	2,486,552	3,795,869	3,132,210	184,300	479,359	-24,580	2,399,830	12,095,508	9,695,678
2018	18,375,022	16,319,768	9,610,482	2,623,385	4,001,128	3,278,250	213,349	509,529	84,773	2,055,254	12,191,349	10,136,095
2019	18,908,632	17,036,206	9,883,066	2,652,859	4,526,606	3,740,330	219,491	566,785	-26,325	1,872,426	11,922,648	10,050,222
2020	19,798,597	17,161,460	9,600,375	2,771,196	4,784,112	3,897,617	278,578	607,917	5,777	2,637,137	11,491,022	8,853,885
I	4,693,881	4,305,024	2,394,894	701,283	1,168,546	1,013,764	37,549	117,233	40,301	388,857	2,612,411	2,223,554
II	4,721,878	4,123,299	2,275,367	641,456	1,148,580	935,853	73,464	139,263	57,896	598,579	2,684,470	2,085,891
III	5,077,078	4,255,762	2,440,172	673,202	1,216,895	1,012,818	55,799	148,278	-74,507	821,316	3,004,471	2,183,155
IV	5,305,760	4,477,375	2,489,942	755,255	1,250,091	935,182	111,766	203,143	-17,913	828,385	3,189,670	2,361,285
2021	21,710,598	18,487,451	9,704,331	2,936,519	5,682,859	4,797,126	291,328	594,405	163,742	3,223,147	14,403,657	11,180,510
I	5,283,792	4,551,398	2,468,906	738,113	1,329,555	1,167,374	49,277	112,904	14,824	732,394	3,241,509	2,509,115
II	5,228,399	4,390,890	2,297,753	670,536	1,343,721	1,145,987	58,859	138,875	78,880	837,509	3,517,081	2,679,572
III	5,427,963	4,645,234	2,348,051	715,517	1,526,451	1,316,612	65,283	144,556	55,215	782,729	3,692,114	2,909,385
IV	5,770,444	4,899,929	2,589,621	812,353	1,483,132	1,167,153	117,909	198,070	14,823	870,515	3,952,953	3,082,438
2022(f)	23,015,636	19,674,952	10,269,301	3,073,804	6,259,182	5,299,869	335,917	623,396	72,665	3,340,684	16,830,139	13,489,455
I (r)	5,626,527	4,807,260	2,546,392	753,835	1,482,831	1,310,755	50,787	121,289	24,202	819,267	3,894,071	3,074,804
II (p)	5,505,569	4,790,824	2,442,830	730,237	1,559,119	1,331,214	82,930	144,975	58,638	714,745	4,163,885	3,449,140
III (f)	5,811,116	4,926,149	2,569,702	734,590	1,599,199	1,377,284	70,957	150,958	22,658	884,967	4,349,923	3,464,956
IV (f)	6,072,424	5,150,719	2,710,377	855,142	1,618,033	1,280,616	131,243	206,174	-32,833	921,705	4,422,260	3,500,555
2023(f)	24,145,749	20,695,920	10,923,152	3,243,539	6,525,609	5,507,874	362,835	654,900	3,620	3,449,829	17,457,804	14,007,975
I (f)	5,910,021	5,071,360	2,691,031	798,283	1,572,536	1,387,841	59,251	125,444	9,510	838,661	4,233,536	3,394,875
II (f)	5,886,980	5,052,546	2,675,458	753,640	1,595,847	1,358,806	84,013	153,028	27,601	834,434	4,257,670	3,423,236
III (f)	6,075,807	5,189,629	2,742,072	780,852	1,676,115	1,437,483	80,744	157,888	-9,410	886,178	4,530,967	3,644,789
IV (f)	6,272,941	5,382,385	2,814,591	910,764	1,681,111	1,323,744	138,827	218,540	-24,081	890,556	4,435,631	3,545,075

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					
2013	100.00	91.31	53.98	14.79	22.70	18.10	1.31	3.29	-0.16	8.69	77.63	68.93
2014	100.00	90.00	52.91	14.52	22.33	18.16	1.30	2.87	0.23	10.00	77.25	67.25
2015	100.00	87.11	51.52	13.86	21.48	17.76	1.12	2.60	0.25	12.89	71.28	58.40
2016	100.00	87.51	51.73	14.14	21.69	18.07	1.06	2.55	-0.06	12.49	67.26	54.77
2017	100.00	86.66	51.86	13.83	21.11	17.42	1.02	2.67	-0.14	13.34	67.26	53.91
2018	100.00	88.81	52.30	14.28	21.77	17.84	1.16	2.77	0.46	11.19	66.35	55.16
2019	100.00	90.10	52.27	14.03	23.94	19.78	1.16	3.00	-0.14	9.90	63.05	53.15
2020	100.00	86.68	48.49	14.00	24.16	19.69	1.41	3.07	0.03	13.32	58.04	44.72
I	100.00	91.72	51.02	14.94	24.90	21.60	0.80	2.50	0.86	8.28	55.66	47.37
II	100.00	87.32	48.19	13.58	24.32	19.82	1.56	2.95	1.23	12.68	56.85	44.18
III	100.00	83.82	48.06	13.26	23.97	19.95	1.10	2.92	-1.47	16.18	59.18	43.00
IV	100.00	84.39	46.93	14.23	23.56	17.63	2.11	3.83	-0.34	15.61	60.12	44.50
2021	100.00	85.15	44.70	13.53	26.18	22.10	1.34	2.74	0.75	14.85	66.34	51.50
I	100.00	86.14	46.73	13.97	25.16	22.09	0.93	2.14	0.28	13.86	61.35	47.49
II	100.00	83.98	43.95	12.82	25.70	21.92	1.13	2.66	1.51	16.02	67.27	51.25
III	100.00	85.58	43.26	13.18	28.12	24.26	1.20	2.66	1.02	14.42	68.02	53.60
IV	100.00	84.91	44.88	14.08	25.70	20.23	2.04	3.43	0.26	15.09	68.50	53.42
2022(f)	100.00	85.49	44.62	13.36	27.20	23.03	1.46	2.71	0.32	14.51	73.12	58.61
I (r)	100.00	85.44	45.26	13.40	26.35	23.30	0.90	2.16	0.43	14.56	69.21	54.65
II (p)	100.00	87.02	44.37	13.26	28.32	24.18	1.51	2.63	1.07	12.98	75.63	62.65
III (f)	100.00	84.77	44.22	12.64	27.52	23.70	1.22	2.60	0.39	15.23	74.86	59.63
IV (f)	100.00	84.82	44.63	14.08	26.65	21.09	2.16	3.40	-0.54	15.18	72.83	57.65
2023(f)	100.00	85.71	45.24	13.43	27.03	22.81	1.50	2.71	0.01	14.29	72.30	58.01
I (f)	100.00	85.81	45.53	13.51	26.61	23.48	1.00	2.12	0.16	14.19	71.63	57.44
II (f)	100.00	85.83	45.45	12.80	27.11	23.08	1.43	2.60	0.47	14.17	72.32	58.15
III (f)	100.00	85.41	45.13	12.85	27.59	23.66	1.33	2.60	-0.15	14.59	74.57	59.99
IV (f)	100.00	85.80	44.87	14.52	26.80	21.10	2.21	3.48	-0.38	14.20	70.71	56.51

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					
2013	2.48	2.47	2.55	-1.36	7.03	9.16	3.81	-2.27	--	--	3.21	3.26
2014	4.72	4.33	3.70	3.78	3.50	5.48	5.20	-8.33	--	--	5.99	5.63
2015	1.47	2.30	2.86	-0.13	2.68	4.28	-7.07	-2.99	--	--	0.36	1.32
2016	2.17	2.58	2.64	3.68	3.44	4.08	-3.89	1.75	--	--	-0.93	-0.99
2017	3.31	1.34	2.70	-0.41	-0.26	-1.16	0.51	5.82	--	--	4.50	1.63
2018	2.79	3.55	2.05	4.02	3.19	2.45	14.23	3.78	--	--	0.20	0.78
2019	3.06	3.24	2.25	0.55	11.12	12.03	1.63	9.18	--	--	0.69	0.49
2020	3.36	0.76	-2.53	2.60	5.91	4.53	28.78	6.18	--	--	1.22	-3.59
I	2.99	2.28	-1.98	3.30	8.96	8.22	17.27	13.09	--	--	-2.17	-4.07
II	0.63	-0.03	-5.40	-0.71	4.93	2.80	44.25	4.46	--	--	-3.82	-5.82
III	4.31	0.47	-1.38	3.63	7.11	6.09	29.38	7.16	--	--	3.10	-3.71
IV	5.30	0.39	-1.45	3.99	3.07	1.02	23.85	3.15	--	--	6.93	-1.02
2021	6.57	5.45	-0.31	3.78	15.40	19.91	4.00	-8.31	--	--	17.14	18.12
I	9.20	4.91	2.66	4.65	12.13	13.59	32.76	-7.34	--	--	21.74	16.45
II	7.76	3.77	-0.46	2.20	13.33	18.90	-19.89	-6.74	--	--	22.51	18.68
III	4.37	6.46	-5.25	3.60	21.40	26.15	16.51	-9.34	--	--	13.95	21.00
IV	5.32	6.54	1.82	4.59	14.45	20.82	3.91	-9.19	--	--	12.05	16.43
2022(f)	3.76	3.42	3.03	2.29	6.14	6.55	12.28	0.02	--	--	5.84	5.87
I (r)	3.72	2.65	0.58	-0.43	7.71	8.79	0.67	0.95	--	--	9.06	8.66
II (p)	3.05	5.46	2.89	5.85	10.73	11.00	35.94	-2.05	--	--	4.32	8.83
III(f)	4.71	3.16	6.49	0.29	1.31	1.19	6.12	0.49	--	--	6.17	3.98
IV(f)	3.53	2.52	2.39	3.38	5.53	5.98	8.70	0.62	--	--	4.10	2.66
2023(f)	3.05	4.06	4.88	4.27	3.68	3.43	7.83	3.59	--	--	5.05	7.02
I (f)	3.23	3.81	3.73	5.15	4.28	4.13	14.90	1.28	--	--	4.73	5.92
II (f)	4.91	4.97	8.46	2.08	2.46	2.29	1.81	4.54	--	--	5.92	6.01
III (f)	3.06	4.34	5.38	4.73	4.63	4.32	13.69	3.19	--	--	7.38	10.38
IV (f)	1.18	3.18	2.26	5.04	3.38	2.95	5.67	4.54	--	--	2.33	5.72

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					
2013	2.48	2.29	1.40	-0.21	1.59	1.61	0.05	-0.08	-0.48	0.19	2.55	2.35
2014	4.72	3.96	2.00	0.56	0.79	1.00	0.07	-0.27	0.60	0.76	4.65	3.88
2015	1.47	2.07	1.51	-0.02	0.60	0.78	-0.09	-0.09	-0.02	-0.61	0.28	0.89
2016	2.17	2.25	1.36	0.51	0.74	0.74	-0.04	0.05	-0.36	-0.08	-0.66	-0.58
2017	3.31	1.17	1.40	-0.06	-0.06	-0.21	0.01	0.15	-0.11	2.14	3.03	0.89
2018	2.79	3.08	1.07	0.56	0.67	0.43	0.15	0.10	0.78	-0.29	0.13	0.42
2019	3.06	2.88	1.18	0.08	2.42	2.15	0.02	0.25	-0.80	0.19	0.46	0.27
2020	3.36	0.68	-1.32	0.37	1.41	0.90	0.33	0.19	0.23	2.67	0.77	-1.91
I	2.99	2.11	-1.07	0.43	2.09	1.70	0.12	0.28	0.65	0.88	-1.32	-2.20
II	0.63	-0.03	-2.83	-0.10	1.18	0.56	0.49	0.13	1.72	0.66	-2.37	-3.04
III	4.31	0.40	-0.71	0.51	1.69	1.22	0.26	0.20	-1.08	3.91	1.96	-1.95
IV	5.30	0.34	-0.75	0.59	0.77	0.17	0.45	0.14	-0.27	4.96	4.40	-0.55
2021	6.57	4.72	-0.15	0.53	3.72	3.92	0.06	-0.26	0.62	1.85	9.95	8.10
I	9.20	4.37	1.32	0.62	2.96	2.86	0.28	-0.18	-0.53	4.83	12.21	7.38
II	7.76	3.30	-0.22	0.30	3.27	3.78	-0.31	-0.20	-0.04	4.45	12.76	8.31
III	4.37	5.50	-2.51	0.51	5.15	5.23	0.19	-0.27	2.36	-1.13	8.18	9.31
IV	5.32	5.55	0.88	0.67	3.43	3.72	0.06	-0.35	0.57	-0.23	7.16	7.39
2022(f)	3.76	2.91	1.36	0.31	1.61	1.45	0.16	0.00	-0.37	0.85	3.87	3.02
I (r)	3.72	2.27	0.23	-0.05	1.94	1.92	0.02	0.00	0.15	1.45	5.74	4.29
II (p)	3.05	4.61	1.28	0.76	2.77	2.42	0.41	-0.06	-0.22	-1.56	2.87	4.43
III (f)	4.71	2.70	2.81	0.04	0.37	0.28	0.08	0.01	-0.52	2.01	4.17	2.16
IV (f)	3.53	2.14	1.06	0.48	1.42	1.22	0.16	0.05	-0.83	1.39	2.81	1.42
2023(f)	3.05	3.47	2.18	0.57	1.00	0.79	0.11	0.10	-0.28	-0.42	3.69	4.11
I (f)	3.23	3.26	1.74	0.63	1.12	0.98	0.13	0.01	-0.23	-0.02	3.44	3.46
II (f)	4.91	4.32	3.74	0.28	0.71	0.57	0.03	0.12	-0.41	0.59	4.26	3.67
III (f)	3.06	3.69	2.36	0.63	1.28	1.03	0.17	0.08	-0.57	-0.63	5.45	6.08
IV (f)	1.18	2.68	0.99	0.73	0.89	0.59	0.13	0.17	0.07	-1.50	1.73	3.23

Explanation: 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 = 2016) ; 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	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)			
2013	15,270,728	264,418	5,147,629	14,267	4,445,009	199,987	95,333	393,033	9,851,750	2,560,534	429,057	474,026	970,475	1,296,970	1,044,892	3,075,796	6,931
2014	16,258,047	302,781	5,814,180	14,328	5,056,638	238,785	93,974	410,455	10,226,496	2,606,050	468,163	497,915	1,054,084	1,328,010	1,046,496	3,225,778	-85,410
2015	17,055,080	298,855	6,177,658	13,257	5,348,932	303,461	91,682	420,326	10,546,107	2,664,745	516,593	526,127	1,099,345	1,367,956	1,039,481	3,331,860	32,460
2016	17,555,268	327,502	6,472,113	10,818	5,655,706	296,428	98,007	411,154	10,755,653	2,678,007	511,241	549,074	1,124,827	1,399,263	1,050,448	3,442,793	0
2017	17,983,347	328,835	6,649,829	10,536	5,873,213	242,766	106,055	417,259	11,076,085	2,781,031	546,338	555,818	1,178,408	1,437,581	1,052,851	3,524,058	-71,402
2018	18,375,022	312,562	6,699,658	11,111	5,929,411	209,513	108,258	441,365	11,439,654	2,869,765	546,497	561,040	1,228,512	1,488,924	1,075,591	3,669,325	-76,852
2019	18,908,632	317,772	6,695,115	11,865	5,846,418	223,846	111,142	501,844	11,869,757	2,970,507	565,263	586,413	1,276,043	1,553,416	1,103,093	3,815,022	25,988
2020	19,798,597	313,563	7,316,868	12,743	6,322,114	295,979	115,723	570,309	12,083,212	3,032,891	551,737	604,280	1,329,417	1,617,743	1,142,322	3,804,822	84,954
I	4,693,881	71,530	1,618,750	3,050	1,404,672	45,672	24,703	140,653	2,974,785	718,240	126,923	143,938	324,588	383,893	338,954	938,249	28,816
II	4,721,878	79,286	1,751,460	3,245	1,506,094	70,363	30,720	141,038	2,843,641	687,320	120,993	142,478	346,902	395,979	273,342	876,627	47,491
III	5,077,078	74,295	1,990,802	2,865	1,704,379	107,671	32,225	143,662	2,995,267	752,278	138,082	149,035	334,853	391,030	265,505	964,484	16,714
IV	5,305,760	88,452	1,955,856	3,583	1,706,969	72,273	28,075	144,956	3,269,519	875,053	165,739	168,829	323,074	446,841	264,521	1,025,462	-8,067
2021	21,710,598	323,555	8,210,254	11,842	7,113,282	244,109	120,693	720,328	13,118,034	3,402,260	884,947	644,528	1,459,129	1,656,625	1,190,036	3,880,509	58,755
I	5,283,792	79,506	1,912,892	3,003	1,649,401	60,731	24,962	174,795	3,244,975	812,509	190,042	154,066	349,096	401,259	345,537	992,466	46,419
II	5,228,399	76,541	2,044,477	2,947	1,766,128	68,049	32,014	175,339	3,106,970	796,915	177,191	149,606	389,386	404,917	287,114	901,841	411
III	5,427,963	77,161	2,148,805	2,556	1,851,565	73,893	34,045	186,746	3,165,600	805,632	229,603	160,376	367,784	393,231	276,112	932,862	36,397
IV	5,770,444	90,347	2,104,080	3,336	1,846,188	41,436	29,672	183,448	3,600,489	987,204	288,111	180,480	352,863	457,218	281,273	1,053,340	-24,472
2022																	
I (r)	5,626,527	80,988	2,018,944	2,847	1,764,649	22,505	26,941	202,002	3,484,670	889,182	281,278	164,139	359,523	408,997	358,731	1,022,820	41,925
II (p)	5,505,569	82,664	2,083,855	2,779	1,875,809	-29,463	33,664	201,066	3,344,759	870,572	240,052	161,884	390,363	413,754	302,937	965,197	-5,709

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 over 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)		
2013	100.00	1.73	33.72	0.09	29.12	1.31	0.62	2.57	64.54	16.78	2.81	3.11	6.36	8.50	6.85	20.15
2014	100.00	1.85	35.57	0.09	30.94	1.46	0.57	2.51	62.57	15.95	2.86	3.05	6.45	8.13	6.40	19.74
2015	100.00	1.76	36.29	0.08	31.42	1.78	0.54	2.47	61.95	15.65	3.03	3.09	6.46	8.04	6.11	19.57
2016	100.00	1.87	36.87	0.06	32.22	1.69	0.56	2.34	61.27	15.25	2.91	3.13	6.41	7.97	5.98	19.61
2017	100.00	1.82	36.83	0.06	32.53	1.34	0.59	2.31	61.35	15.40	3.03	3.08	6.53	7.96	5.83	19.52
2018	100.00	1.69	36.31	0.06	32.13	1.14	0.59	2.39	62.00	15.55	2.96	3.04	6.66	8.07	5.83	19.89
2019	100.00	1.68	35.46	0.06	30.96	1.19	0.59	2.66	62.86	15.73	2.99	3.11	6.76	8.23	5.84	20.20
2020	100.00	1.59	37.12	0.06	32.07	1.50	0.59	2.89	61.29	15.38	2.80	3.07	6.74	8.21	5.79	19.30
I	100.00	1.53	34.70	0.07	30.11	0.98	0.53	3.02	63.77	15.40	2.72	3.09	6.96	8.23	7.27	20.11
II	100.00	1.70	37.47	0.07	32.22	1.51	0.66	3.02	60.83	14.70	2.59	3.05	7.42	8.47	5.85	18.75
III	100.00	1.47	39.34	0.06	33.68	2.13	0.64	2.84	59.19	14.87	2.73	2.95	6.62	7.73	5.25	19.06
IV	100.00	1.66	36.81	0.07	32.12	1.36	0.53	2.73	61.53	16.47	3.12	3.18	6.08	8.41	4.98	19.30
2021	100.00	1.49	37.92	0.05	32.85	1.13	0.56	3.33	60.59	15.71	4.09	2.98	6.74	7.65	5.50	17.92
I	100.00	1.52	36.52	0.06	31.49	1.16	0.48	3.34	61.96	15.51	3.63	2.94	6.67	7.66	6.60	18.95
II	100.00	1.46	39.11	0.06	33.78	1.30	0.61	3.35	59.43	15.24	3.39	2.86	7.45	7.75	5.49	17.25
III	100.00	1.43	39.85	0.05	34.34	1.37	0.63	3.46	58.71	14.94	4.26	2.97	6.82	7.29	5.12	17.30
IV	100.00	1.56	36.31	0.06	31.86	0.72	0.51	3.17	62.13	17.04	4.97	3.11	6.09	7.89	4.85	18.18
2022																
I (r)	100.00	1.45	36.15	0.05	31.60	0.40	0.48	3.62	62.40	15.92	5.04	2.94	6.44	7.32	6.42	18.32
II (p)	100.00	1.50	37.81	0.05	34.04	-0.53	0.61	3.65	60.69	15.80	4.36	2.94	7.08	7.51	5.50	17.51

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 over 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)		
2013	2.48	1.59	3.03	-4.41	3.39	2.44	-1.32	0.84	2.21	1.13	7.17	4.97	3.99	3.02	-0.89	2.16
2014	4.72	2.04	9.27	-4.99	10.52	2.82	1.74	0.78	3.15	3.24	0.52	5.96	7.99	1.91	-0.94	3.38
2015	1.47	-7.72	0.90	-7.11	1.34	-3.54	-2.98	-0.76	1.23	-0.48	-0.73	8.30	4.21	2.06	0.03	0.87
2016	2.17	-9.65	3.74	-10.32	4.05	6.44	1.39	-1.17	1.33	0.21	2.83	6.06	2.27	0.98	-0.03	1.49
2017	3.31	8.27	4.75	1.00	5.44	-0.08	3.41	-0.78	2.90	4.33	6.29	3.76	5.19	1.69	0.70	1.55
2018	2.79	4.49	2.55	8.09	2.58	2.11	4.13	1.94	2.97	3.37	5.27	4.47	3.77	2.56	0.78	2.64
2019	3.06	-0.91	1.41	1.56	1.09	1.90	3.20	5.10	3.59	4.75	1.58	6.52	3.85	3.20	1.77	3.14
2020	3.36	-1.56	7.00	0.67	7.37	2.62	4.21	5.42	1.24	4.75	-19.48	4.73	5.78	2.73	1.77	-1.25
I	2.99	-3.34	7.24	1.32	7.85	2.90	2.06	2.58	0.78	2.01	-13.22	3.00	7.04	2.49	2.29	-1.58
II	0.63	0.54	3.98	3.21	4.06	0.37	4.32	4.01	-1.33	0.17	-26.19	3.96	4.87	1.48	1.82	-4.04
III	4.31	0.67	6.63	0.18	6.56	3.22	4.95	10.07	2.14	6.46	-19.57	3.25	6.61	3.07	1.40	0.33
IV	5.30	-3.54	9.98	-1.43	10.82	3.82	5.15	4.91	3.18	9.80	-19.11	8.31	4.68	3.76	1.57	0.02
2021	6.57	-3.68	12.92	3.01	13.99	3.80	0.34	8.51	3.07	4.12	-4.59	7.65	10.35	1.87	1.20	1.16
I	9.20	0.75	14.89	2.43	16.11	3.96	0.82	9.75	6.26	11.86	-7.09	6.74	9.90	3.64	1.18	5.00
II	7.76	-3.49	15.55	4.07	16.92	6.26	2.64	8.47	4.24	6.02	4.74	6.88	12.74	1.72	1.32	1.20
III	4.37	-2.99	11.92	1.39	13.07	1.87	-0.84	7.14	-0.75	-2.79	-13.25	9.56	9.67	0.35	0.87	-3.66
IV	5.32	-8.12	9.94	3.88	10.64	3.46	-1.05	8.82	2.73	1.86	-1.55	7.35	8.90	1.78	1.47	2.36
2022																
I (r)	3.72	0.43	6.08	2.23	6.39	3.37	1.36	3.79	1.84	2.28	-2.82	6.28	2.43	1.27	0.35	1.60
II (p)	3.05	-3.32	4.41	0.76	4.79	0.24	1.96	1.75	2.30	1.71	0.50	6.14	-1.26	0.86	1.21	5.23

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 over 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)		
2013	2.48	0.03	0.97	0.00	0.94	0.02	-0.01	0.02	1.47	0.19	0.21	0.16	0.26	0.26	-0.06	0.45
2014	4.72	0.04	3.13	0.00	3.06	0.04	0.01	0.02	2.02	0.54	0.01	0.19	0.51	0.16	-0.06	0.67
2015	1.47	-0.14	0.33	-0.01	0.43	-0.05	-0.02	-0.02	0.76	-0.08	-0.02	0.25	0.27	0.17	0.00	0.17
2016	2.17	-0.17	1.36	-0.01	1.28	0.11	0.01	-0.03	0.82	0.03	0.09	0.19	0.15	0.08	0.00	0.28
2017	3.31	0.15	1.76	0.00	1.76	0.00	0.02	-0.02	1.77	0.66	0.18	0.12	0.33	0.13	0.04	0.31
2018	2.79	0.08	0.94	0.00	0.85	0.03	0.02	0.04	1.83	0.52	0.16	0.14	0.25	0.20	0.05	0.51
2019	3.06	-0.02	0.51	0.00	0.35	0.02	0.02	0.12	2.23	0.74	0.05	0.20	0.26	0.26	0.10	0.62
2020	3.36	-0.03	2.49	0.00	2.30	0.03	0.02	0.14	0.77	0.75	-0.58	0.15	0.39	0.22	0.10	-0.26
I	2.99	-0.06	2.45	0.00	2.32	0.03	0.01	0.09	0.52	0.33	-0.41	0.09	0.47	0.21	0.15	-0.32
II	0.63	0.01	1.42	0.00	1.27	0.00	0.03	0.12	-0.85	0.03	-0.78	0.12	0.36	0.12	0.11	-0.81
III	4.31	0.00	2.46	0.00	2.12	0.04	0.03	0.27	1.30	0.95	-0.58	0.10	0.45	0.23	0.08	0.07
IV	5.30	-0.06	3.53	0.00	3.37	0.04	0.03	0.09	1.99	1.59	-0.56	0.26	0.29	0.33	0.08	0.00
2021	6.57	-0.06	4.79	0.00	4.48	0.06	0.00	0.25	1.89	0.63	-0.13	0.23	0.70	0.15	0.07	0.24
I	9.20	0.01	5.25	0.00	4.89	0.05	0.01	0.30	3.94	1.86	-0.16	0.21	0.67	0.30	0.08	0.98
II	7.76	-0.06	5.78	0.00	5.40	0.09	0.02	0.27	2.57	0.91	0.09	0.21	0.93	0.14	0.08	0.21
III	4.37	-0.04	4.62	0.00	4.35	0.05	-0.01	0.23	-0.42	-0.37	-0.37	0.29	0.65	0.03	0.05	-0.70
IV	5.32	-0.14	3.71	0.00	3.48	0.04	-0.01	0.20	1.66	0.27	-0.06	0.23	0.56	0.15	0.07	0.44
2022																
I (r)	3.72	0.01	2.26	0.00	2.06	0.05	0.01	0.14	1.20	0.44	0.00	0.18	0.17	0.10	0.02	0.29
II (p)	3.05	-0.05	1.67	0.00	1.57	0.01	0.01	0.08	1.39	0.24	0.04	0.18	-0.12	0.07	0.07	0.91

Explanation: 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 = 2016) ; P_X : Deflators of component X ; P_{GDP} : Deflators of GDP.

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 over 80% of total real estate and dwellings services.

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

Table 5 Gross National Savings and Gross Domestic Investment

Period	Gross National Savings		Gross Domestic Investment		Difference between Savings and Investment (Current Account Balance of NI)		Current Account Balance of National Income (NI)		
	Amount (Million NT\$) A	Percentage share of GNI (Savings Ratio) (%)	Amount (Million NT\$) B	Percentage share of GDP (Investment Ratio) (%)	Amount (Million NT\$) C=A-B=D+E+F	Percentage share of GDP (%)	External Balance of Goods and Services (Million NT\$) D	Net Factor Income from the Rest of the World (Million NT\$) E	Net Transfers from the Rest of the World (Million NT\$) F
2013	5,076,461	32.39	3,441,464	22.54	1,634,997	10.71	1,327,665	402,504	-88,241
2014	5,735,107	34.35	3,668,439	22.56	2,066,668	12.71	1,625,856	439,105	-83,703
2015	6,203,508	35.46	3,706,196	21.73	2,497,312	14.64	2,197,609	439,661	-107,498
2016	6,339,620	35.21	3,797,566	21.63	2,542,054	14.48	2,193,385	451,141	-102,472
2017	6,563,940	35.61	3,771,289	20.97	2,792,651	15.53	2,399,830	447,361	-125,942
2018	6,532,637	34.77	4,085,901	22.24	2,446,736	13.32	2,055,254	414,801	-100,171
2019	6,735,068	34.74	4,500,281	23.80	2,234,787	11.82	1,872,426	476,151	-87,802
2020	7,820,606	38.39	4,789,889	24.19	3,030,717	15.31	2,637,137	571,839	-93,305
I	1,722,611	35.35	1,208,847	25.75	513,764	10.95	388,857	179,309	-25,586
II	1,873,169	38.55	1,206,476	25.55	666,693	14.12	598,579	137,362	-21,757
III	2,073,849	39.67	1,142,388	22.50	931,461	18.35	821,316	150,994	-24,135
IV	2,150,977	39.76	1,232,178	23.22	918,799	17.32	828,385	104,174	-21,827
2021	9,394,379	42.37	5,846,601	26.93	3,547,778	16.34	3,223,147	459,033	-75,647
I	2,152,904	39.69	1,344,379	25.44	808,525	15.30	732,394	139,952	-17,402
II	2,349,493	44.05	1,422,601	27.21	926,892	17.73	837,509	105,805	-16,011
III	2,389,510	43.34	1,581,666	29.14	807,844	14.88	782,729	84,813	-23,301
IV	2,502,472	42.42	1,497,955	25.96	1,004,517	17.41	870,515	128,463	-18,933
2022(f)	10,118,128	42.92	6,331,847	27.51	3,786,281	16.45	3,340,684	559,580	-77,767
I (r)	2,447,979	42.14	1,507,033	26.78	940,946	16.72	819,267	182,728	-19,124
II (p)	2,478,260	43.78	1,617,757	29.38	860,503	15.63	714,745	155,132	-15,083
III (f)	2,537,213	43.26	1,621,857	27.91	915,356	15.75	884,967	53,682	-23,293
IV (f)	2,654,676	42.54	1,585,200	26.10	1,069,476	17.61	921,705	168,038	-20,267
2023(f)	10,491,654	42.41	6,529,229	27.04	3,962,425	16.41	3,449,829	590,486	-77,890
I (f)	2,596,329	42.53	1,582,046	26.77	1,014,283	17.16	838,661	194,570	-18,948
II (f)	2,583,468	42.86	1,623,448	27.58	960,020	16.31	834,434	141,326	-15,740
III (f)	2,614,581	42.44	1,666,705	27.43	947,876	15.60	886,178	84,693	-22,995
IV (f)	2,697,276	41.86	1,657,030	26.42	1,040,246	16.58	890,556	169,897	-20,207

Explanation: 1. Gross National Savings(A)=GDP+Net Factor Income from the Rest of the World(E)+Net Transfers from the Rest of the World(F)-Private Final Consumption-Government Final Consumption.

2. Gross Domestic Investment(B)=Gross Fixed Capital Formation+Changes in Inventories.

3. Difference between Savings and Investment(C)=A-B=(GDP+E+F-Private Final Consumption-Government Final Consumption)-(Gross Fixed Capital Formation+Changes in Inventories)=(Exports of Goods and Services-Imports of Goods and Services)+E+F=External Balance of Goods and Services+Net Factor Income from the Rest of the World+Net Transfers from the Rest of the World; in practice, statistical discrepancy could exist between C and D+E+F, because of the difference between the GDP results derived from production and expenditures.

4. The difference between the current account balance of national income (NI) and the balance of payments is mainly due to the measures of merchanting.

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 Change Rate (%)	Amount	Annual Change Rate (%)		Amount	Annual Change Rate (%)	Amount	Annual Change Rate (%)	
2013	399,732	1.70	355,034	-0.72	44,698	310,866	1.82	277,384	0.33	33,481
2014	415,134	3.85	361,454	1.81	53,680	319,413	2.75	281,096	1.34	38,318
2015	383,625	-7.59	314,368	-13.03	69,257	284,434	-10.95	236,380	-15.91	48,053
2016	366,394	-4.49	298,363	-5.09	68,031	279,175	-1.85	229,199	-3.04	49,975
2017	397,263	8.43	318,310	6.69	78,953	315,487	13.01	257,200	12.22	58,287
2018	404,410	1.80	336,166	5.61	68,244	334,007	5.87	284,792	10.73	49,216
2019	385,435	-4.69	324,924	-3.34	60,511	329,157	-1.45	285,651	0.30	43,506
2020	388,853	0.89	299,451	-7.84	89,402	345,126	4.85	286,148	0.17	58,978
I	86,922	-4.20	73,996	-4.69	12,926	78,623	3.61	69,065	3.33	9,558
II	89,513	-6.62	69,551	-14.00	19,962	79,337	-2.44	67,117	-4.55	12,220
III	101,793	3.70	73,977	-9.48	27,816	90,024	5.97	71,093	-1.53	18,931
IV	110,625	9.86	81,927	-3.26	28,698	97,141	11.65	78,872	3.36	18,269
2021	514,262	32.25	399,212	33.31	115,050	446,379	29.34	381,494	33.32	64,885
I	114,343	31.55	88,515	19.62	25,828	97,928	24.55	83,837	21.39	14,091
II	125,280	39.96	95,460	37.25	29,820	108,953	37.33	91,684	36.60	17,268
III	132,605	30.27	104,481	41.23	28,124	117,121	30.10	101,331	42.53	15,791
IV	142,034	28.39	110,756	35.19	31,278	122,377	25.98	104,641	32.67	17,735
2022(f)	574,352	11.68	460,267	15.29	114,085	506,705	13.51	445,575	16.80	61,130
I (r)	139,493	22.00	110,129	24.42	29,364	120,937	23.50	105,183	25.46	15,755
II (p)	142,064	13.40	117,645	23.24	24,419	125,712	15.38	113,778	24.10	11,934
III (f)	145,288	9.56	115,730	10.77	29,558	129,240	10.35	113,251	11.76	15,989
IV (f)	147,507	3.85	116,763	5.42	30,744	130,815	6.90	113,363	8.33	17,452
2023(f)	582,315	1.39	467,244	1.52	115,071	520,067	2.64	447,168	0.36	72,899
I (f)	141,212	1.23	113,238	2.82	27,974	124,044	2.57	107,158	1.88	16,886
II (f)	142,017	-0.03	114,184	-2.94	27,833	126,935	0.97	109,808	-3.49	17,127
III (f)	151,133	4.02	121,574	5.05	29,559	136,335	5.49	116,821	3.15	19,514
IV (f)	147,953	0.30	118,248	1.27	29,705	132,753	1.48	113,381	0.02	19,372

Table7-1 Expenditures on GDP, Seasonally Adjusted
Chained dollars (Reference year = 2016)

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	
2019								
I	4,716,752	4,088,533	2,413,016	630,804	1,044,798	624,792	3,072,616	2,447,824
II	4,795,726	4,137,739	2,436,161	654,046	1,047,495	654,247	3,125,532	2,471,285
III	4,824,286	4,155,997	2,439,756	652,632	1,063,568	663,159	3,114,112	2,450,953
IV	4,876,432	4,260,595	2,444,171	647,983	1,168,295	611,178	3,136,973	2,525,791
2020								
I	4,847,928	4,183,737	2,366,585	653,878	1,161,344	651,436	2,990,363	2,338,927
II	4,837,101	4,142,858	2,311,470	651,899	1,176,862	683,787	3,019,134	2,335,347
III	5,039,664	4,182,577	2,412,345	675,420	1,094,319	851,364	3,217,710	2,366,346
IV	5,133,885	4,260,204	2,396,105	671,563	1,190,317	873,309	3,373,547	2,500,235
2021								
I	5,284,190	4,395,692	2,423,867	687,841	1,280,678	891,727	3,595,075	2,703,348
II	5,234,897	4,317,234	2,320,022	667,236	1,325,387	926,977	3,692,401	2,765,424
III	5,258,436	4,452,078	2,289,931	699,171	1,455,764	803,462	3,686,690	2,883,228
IV	5,385,881	4,518,082	2,423,173	698,904	1,391,084	869,322	3,786,663	2,917,338
2022(f)								
I (r)	5,471,958	4,533,512	2,454,230	685,356	1,389,960	944,559	3,886,417	2,941,858
II (p)	5,373,461	4,508,074	2,350,576	709,658	1,440,182	869,192	3,866,457	2,997,265
III (f)	5,491,050	4,580,921	2,431,518	702,523	1,440,846	914,383	3,888,894	2,974,511
IV (f)	5,621,689	4,664,492	2,507,646	718,686	1,433,397	962,902	3,980,463	3,017,559
2023(f)								
I (f)	5,642,441	4,707,059	2,543,952	722,020	1,437,080	943,362	4,067,083	3,123,721
II (f)	5,644,749	4,729,822	2,548,693	725,454	1,451,266	925,244	4,096,882	3,171,638
III (f)	5,655,704	4,780,289	2,562,264	736,965	1,475,978	890,749	4,168,482	3,277,733
IV (f)	5,684,139	4,811,880	2,564,783	752,129	1,489,296	882,811	4,078,566	3,195,755

Explanation: The chained-dollar (reference year=2016) 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		
2019								
I	2.01	4.35	4.33	-2.27	8.69	--	4.10	8.98
II	6.87	4.90	3.89	15.57	1.04	--	7.07	3.89
III	2.40	1.78	0.59	-0.86	6.28	--	-1.45	-3.25
IV	4.39	10.45	0.73	-2.82	45.60	--	2.97	12.78
2020								
I	-2.32	-7.02	-12.11	3.69	-2.36	--	-17.42	-26.47
II	-0.89	-3.85	-9.00	-1.21	5.45	--	3.90	-0.61
III	17.83	3.89	18.63	15.23	-25.24	--	29.02	5.42
IV	7.69	7.63	-2.67	-2.26	39.98	--	20.83	24.63
2021								
I	12.24	13.34	4.72	10.05	34.00	--	28.97	36.67
II	-3.68	-6.95	-16.07	-11.45	14.71	--	11.28	9.51
III	1.81	13.09	-5.09	20.56	45.54	--	-0.62	18.16
IV	10.05	6.06	25.39	-0.15	-16.62	--	11.30	4.82
2022(f)								
I (r)	6.55	1.37	5.23	-7.53	-0.32	--	10.96	3.40
II (p)	-7.01	-2.23	-15.85	14.96	15.26	--	-2.04	7.75
III (f)	9.04	6.62	14.50	-3.96	0.18	--	2.34	-3.00
IV (f)	9.86	7.50	13.12	9.53	-2.05	--	9.76	5.92
2023(f)								
I (f)	1.48	3.70	5.92	1.87	1.03	--	8.99	14.83
II (f)	0.16	1.95	0.75	1.92	4.01	--	2.96	6.28
III (f)	0.78	4.34	2.15	6.50	6.99	--	7.18	14.07
IV (f)	2.03	2.67	0.39	8.49	3.66	--	-8.35	-9.64

Table 8 Indicators for Private Final Consumption Expenditure

Unit:%

Period	Sales of Wholesale, Retail and Food Services			Production Indexes of Domestic Consumer Goods Annual Change Rate	Stock Trading on TSEC and GTSM Market Annual Change Rate	Number of New Registered Automobile Annual Change Rate	Outbound Departure of Nationals of the R.O.C Annual Change Rate	Retail Sales Volume of Credit Cards Annual Change Rate	People Aged 65 and above as the Percentage of Total Population (End of Period)
	Sales of Retail Trade Annual Change Rate	Sales of General Merchandise Stores Annual Change Rate	Sales of Food and Beverage Services Annual Change Rate						
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
2018	2.2	3.8	5.4	1.2	19.3	-2.1	6.3	9.9	14.56
2019	3.1	4.1	4.4	2.6	-9.8	1.1	2.7	11.8	15.28
2020	0.2	1.5	-4.2	-0.3	69.5	4.0	-86.3	-6.3	16.07
I	-0.6	1.5	-6.5	0.4	49.3	8.2	-49.2	-3.0	15.51
II	-5.8	-4.0	-12.4	-3.4	54.0	-4.5	-98.9	-22.9	15.67
III	4.7	5.4	0.8	3.4	96.9	10.2	-97.8	6.7	15.86
IV	2.2	2.9	1.1	-1.5	72.2	3.1	-98.2	-4.5	16.07
2021	3.3	0.8	-6.4	7.6	94.9	-1.7	-84.6	2.9	16.85
I	9.2	4.4	7.4	9.1	111.8	16.8	-95.6	3.7	16.29
II	2.3	0.7	-11.2	13.1	161.6	-5.2	87.0	4.8	16.44
III	-4.1	-8.0	-25.4	4.6	79.7	-3.2	7.2	-1.0	16.68
IV	5.7	6.2	4.2	4.3	50.2	-12.1	0.8	4.8	16.85
2022									
I	4.1	3.6	5.0	1.3	-7.7	-14.2	39.8	3.6	17.05
II	9.6	7.9	17.6	-6.7	-46.2	-1.4	74.2	10.4	17.18
Apr.	4.7	1.6	-5.8	-6.5	-39.3	-7.0	54.6	1.8	17.11
May	3.6	1.1	14.7	-7.6	-50.8	-10.1	86.2	7.7	17.16
Jun.	22.5	24.2	61.7	-6.0	-47.3	16.8	80.1	22.8	17.18

Sources: Ministry of Economic Affairs, Ministry of Transportation and Communications, Financial Supervisory Commission, Ministry of Interior.

Table 9 Indicators for Private Gross Fixed Capital Formation

Period	Production Index of Manufacturing Investment Goods Annual Change Rate (%)	Total Floor Area of Construction Commencement Annual Change Rate (%)	Import of Capital Goods				Loans for Construction Annual Change Rate (%)
			NT dollars (NT\$100 Million)		US dollars (US\$100 Million)		
				Annual Change Rate (%)		Annual Change Rate (%)	
2013	-0.0	6.7	10,708	6.2	361	6.0	1.8
2014	6.9	9.3	11,427	6.7	378	4.6	8.7
2015	1.3	-19.1	11,788	3.2	372	-1.5	-1.0
2016	-2.7	-17.9	13,240	12.3	411	10.5	2.5
2017	5.2	11.6	12,358	-6.7	406	-1.3	5.5
2018	8.3	13.1	12,623	2.1	419	3.2	6.9
2019	6.2	6.0	15,689	24.3	508	21.2	12.7
2020	8.0	16.4	15,549	-0.9	526	3.7	17.5
I	3.8	2.5	3,679	1.9	122	4.5	14.3
II	3.3	8.5	3,603	1.3	120	5.2	15.0
III	12.3	29.6	3,752	1.1	127	6.9	16.1
IV	12.3	23.2	4,514	-6.1	157	-0.4	17.5
2021	12.8	-5.9	19,280	24.0	688	30.8	14.1
I	13.1	6.1	4,340	18.0	153	25.1	17.8
II	14.7	-6.0	4,464	23.9	159	32.3	16.7
III	12.4	-14.3	5,282	40.8	190	49.2	16.3
IV	11.2	-5.9	5,193	15.0	187	19.1	14.1
2022							
I	11.6	23.4	4,767	9.8	171	11.5	13.6
II	6.8	33.6	5,452	22.1	186	17.0	12.9
Apr.	6.6	83.3	1,831	22.0	64	20.7	13.3
May	3.3	30.2	1,771	23.0	60	16.6	13.3
Jun.	10.4	-4.6	1,850	21.4	63	14.0	12.9

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*			UK*	China		HK	South Korea		Singapore	
	yoy	saar	yoy	saar	yoy	saar		Germany	France		yoy	saar		yoy	saar	yoy	saar
2013	2.48	—	1.8	—	2.0	—	0.3	0.4	0.6	1.9	7.8	—	3.1	3.2	—	4.8	—
2014	4.72	—	2.3	—	0.3	—	1.8	2.2	1.0	3.0	7.4	—	2.8	3.2	—	3.9	—
2015	1.47	—	2.7	—	1.6	—	2.3	1.5	1.1	2.6	7.0	—	2.4	2.8	—	3.0	—
2016	2.17	—	1.7	—	0.8	—	2.0	2.2	1.1	2.3	6.8	—	2.2	2.9	—	3.6	—
2017	3.31	—	2.3	—	1.7	—	2.6	2.7	2.3	2.1	6.9	—	3.8	3.2	—	4.7	—
2018	2.79	—	2.9	—	0.6	—	1.9	1.0	1.9	1.7	6.7	—	2.8	2.9	—	3.7	—
2019	3.06	—	2.3	—	-0.2	—	1.8	1.1	1.8	1.7	6.0	—	-1.7	2.2	—	1.1	—
2020	3.36	—	-3.4	—	-4.5	—	-5.9	-3.7	-7.8	-9.3	2.2	—	-6.5	-0.7	—	-4.1	—
I	2.99	-2.32	0.6	-5.1	-1.9	2.0	-2.5	-1.2	-5.2	-2.0	-6.9	-35.3	-9.3	1.5	-5.1	1.2	-0.2
II	0.63	-0.89	-9.1	-31.2	-10.2	-28.1	-13.8	-10.4	-18.6	-21.1	3.1	55.7	-9.4	-2.5	-11.5	-12.2	-41.8
III	4.31	17.83	-2.9	33.8	-5.4	22.9	-3.8	-2.5	-3.6	-7.7	4.8	13.9	-4.1	-0.9	9.5	-4.6	42.3
IV	5.30	7.69	-2.3	4.5	-0.8	7.2	-4.0	-2.1	-4.2	-6.3	6.4	10.0	-3.6	-0.9	4.9	-0.9	16.0
2021	6.57	—	5.7	—	1.7	—	5.4	2.6	6.8	7.4	8.1	—	6.3	4.1	—	7.6	—
I	9.20	12.24	0.5	6.3	-1.7	-1.6	-0.9	-2.2	1.5	-5.0	18.3	2.4	8.0	2.2	7.0	2.0	12.4
II	7.76	-3.68	12.2	6.7	7.3	2.6	14.0	10.2	18.6	24.5	7.9	6.1	7.6	6.2	3.2	15.8	-3.2
III	4.37	1.81	4.9	2.3	1.2	-3.2	4.1	1.8	3.6	6.9	4.9	1.6	5.4	4.0	0.8	7.5	6.1
IV	5.32	10.05	5.5	6.9	0.4	4.0	5.0	1.2	5.1	6.6	4.0	5.7	4.7	4.2	5.3	6.1	9.5
2022																	
I	3.72	6.55	3.5	-1.6	0.4	-0.5	5.5	3.6	4.8	8.7	4.8	5.7	-3.9	3.0	2.4	3.8	3.1
II	3.05	-7.01	1.6	-0.9	...	...	4.0	1.5	4.2	...	0.4	-10.0	-1.4	2.9	2.8	4.4	-1.0

Sources: 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 change rates (yoy). Since 2020, the economic growth rate of the European Union reflects the current membership of 27 economies due to the United Kingdom withdrawal from the European Union.

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
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	...
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	...
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	...
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	...
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	...
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	...
2019	0.56	1.91	1.8	1.9	0.5	0.4	2.9	7.0	0.4	0.0	0.6	1.5	2.9	4.9	3.0	3.2	1.4	1.1	2.5	1.7
2020	-0.23	0.67	1.2	3.4	0.0	1.4	2.4	8.3	0.5	4.4	-0.2	1.9	0.3	3.3	1.9	3.2	0.5	2.3	2.6	2.9
2021	1.96	2.44	4.7	3.9	-0.2	0.0	0.9	-0.3	2.5	5.9	2.3	1.4	1.6	1.7	1.6	2.7	3.1	3.2	3.9	4.2
Jul.	1.91	2.45	5.4	3.4	-0.3	-0.6	1.0	-1.8	2.6	5.6	2.5	1.1	3.7	2.7	1.5	2.7	3.8	4.3	3.7	3.9
Aug.	2.34	3.83	5.3	3.7	-0.4	-1.1	0.8	-2.0	2.6	4.3	2.4	1.5	1.6	2.8	1.6	3.3	3.9	4.5	4.4	5.5
Sep.	2.60	3.53	5.4	4.6	0.2	0.9	0.7	-2.8	2.4	2.9	2.5	1.6	1.4	2.2	1.6	3.2	4.1	4.8	4.2	5.0
Oct.	2.55	3.96	6.2	5.3	0.1	0.5	1.5	-0.9	3.2	1.8	3.2	1.7	1.7	2.2	1.7	3.0	4.5	4.4	4.0	3.7
Nov.	2.85	4.70	6.8	6.1	0.6	1.4	2.3	1.7	3.8	5.9	3.8	1.9	1.8	2.2	1.8	3.0	5.2	4.6	3.7	2.2
Dec.	2.63	4.23	7.0	6.3	0.8	2.1	1.5	-0.1	3.7	6.2	4.0	2.1	2.4	3.0	1.9	3.1	5.3	5.9	3.1	1.6
2022Jan. ~ Jul.	3.17	6.24	8.3	9.2	1.6	3.3	1.8	1.0	4.9	5.4	5.2	3.7	1.5	3.9	3.3	5.4	6.8	8.7	4.7	3.8
Jan.	2.83	3.72	7.5	7.0	0.5	2.1	0.9	-1.8	3.6	5.5	4.0	2.6	1.2	2.8	2.2	3.5	4.9	4.9	3.0	1.7
Feb.	2.33	5.28	7.9	7.9	0.9	2.8	0.9	-1.8	3.7	3.6	4.3	2.3	1.6	3.6	2.1	2.5	5.1	5.1	3.0	1.2
Mar.	3.27	5.90	8.5	8.8	1.2	3.4	1.5	-0.3	4.1	3.3	5.4	3.3	1.7	4.6	2.6	3.6	7.3	5.9	4.0	2.6
Apr.	3.38	6.91	8.3	9.4	2.5	4.0	2.1	1.9	4.8	4.6	5.4	4.1	1.3	4.0	3.5	5.2	7.4	8.0	4.9	3.8
May	3.40	7.39	8.6	10.1	2.5	4.1	2.1	2.1	5.4	6.0	5.6	4.5	1.2	4.0	3.6	5.6	7.9	10.7	5.4	4.9
Jun.	3.59	7.29	9.1	10.4	2.4	3.7	2.5	2.5	6.0	6.5	6.7	5.4	1.8	4.0	4.4	8.3	7.6	11.9	6.1	6.0
Jul.	3.36	7.18	8.5	10.9	...	...	2.7	4.7	6.3	8.0	...	...	...	...	4.9	9.4	7.5	14.0	6.4	6.9

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\$)	Annual growth rate (%)	(NT\$)	Annual growth rate (%)
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
2019	8,118	3,394	4,724	189	2.33	181	2.23	168.9	7.8	-	53,457	41,776	-	1,821	-
2020	8,113	3,388	4,725	181	2.23	183	2.25	168.4	7.4	-0.4	54,160	42,394	1.48	1,797	-1.32
2021	8,130	3,407	4,723	192	2.37	191	2.34	166.7	8.0	0.6	55,792	43,209	1.92	2,007	11.69
May	8,117	3,402	4,715	159	1.95	213	2.60	166.1	7.9	0.9	51,907	42,838	1.77	1,981	16.12
Jun.	8,021	3,396	4,625	141	1.74	237	2.92	165.2	7.7	0.9	51,228	42,607	0.90	1,901	14.79
Jul.	8,063	3,412	4,651	225	2.80	182	2.27	172.6	7.5	0.8	55,365	42,902	1.23	1,858	13.71
Aug.	8,094	3,413	4,681	249	3.09	218	2.70	174.8	7.6	0.6	52,316	43,209	1.62	1,891	11.17
Sep.	8,119	3,412	4,707	240	2.96	216	2.67	168.5	7.7	0.8	52,075	43,379	1.75	1,922	14.40
Oct.	8,150	3,414	4,737	213	2.62	181	2.23	164.8	8.4	0.7	50,112	43,590	2.20	2,098	11.83
Nov.	8,170	3,416	4,754	187	2.29	168	2.06	175.4	8.2	0.6	50,161	43,656	2.34	2,073	11.75
Dec.	8,173	3,414	4,759	161	1.98	158	1.93	176.0	8.6	0.7	55,449	43,978	2.60	2,188	14.02
2022Jan. ~ Jun.	8,150	3,410	4,741	186	2.28	191	2.34	162.1	8.3	0.2	61,085	44,262	3.02	2,152	7.17
Jan.	8,169	3,409	4,760	176	2.15	180	2.21	167.5	8.1	-0.1	106,128	44,356	2.88	2,077	3.08
Feb.	8,145	3,400	4,745	169	2.07	193	2.36	129.3	8.2	0.5	49,192	43,943	2.62	2,147	7.94
Mar.	8,156	3,407	4,749	218	2.68	208	2.55	182.4	8.4	0.2	51,336	44,368	2.68	2,165	7.60
Apr.	8,150	3,407	4,743	184	2.26	190	2.33	157.7	8.7	0.1	51,472	44,356	2.70	2,240	4.38
May	8,141	3,413	4,728	176	2.16	185	2.27	168.1	8.1	0.2	55,197	44,230	3.25	2,135	7.77
Jun.	8,142	3,422	4,720	190	2.34	189	2.33	167.5	8.2	0.5	53,068	44,324	4.03	2,150	13.10
The change compared with the last month(value)	1	9	- 8	14	0.18	4	0.06	-0.6	0.1		-2,129	94		15	
The change compared with the same month of last year(value)	121	26	95	49	0.60	- 48	-0.59	2.3	0.5		1,840	1,717		249	
The change compared with the same period (Jan. ~Jun.) of last year(value)	18	9	10	14	0.17	- 3	-0.04	0.6	0.2		2,077	1,297		144	
The change compared with the last month(rate)	0.01	0.26	-0.17	7.88		2.50		-0.36	1.23		-3.86	0.21		0.70	
The change compared with the same month of last year(rate)	1.51	0.74	2.07	34.69		-20.13		1.39	6.49		3.59	4.03		13.10	
The change compared with the same period (Jan. ~Jun.) of last year(rate)	0.23	0.26	0.21	7.67		-1.81		0.37	2.47		3.52	3.02		7.17	

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, annul 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 has covered educational support activities & other education in Education Industry since 2009, and has covered Scientific Research & Development, Pre-primary Education in Education Industry, and Social Work Activities since January 2019. Due to the change in scope of industry coverage, 2018-2019 changes and change rates were not shown.

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	
			Compen- sation of employees	Entrepre- neurial 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
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
2019	3.02	1.40	133.6	72.5	15.7	19.4	26.0	106.0	2.3	35.1	3.3	90.5	2.1	30.3	3.9	82.9	2.2	23.1	2.5
2020	2.92	1.37	135.6	72.6	15.6	19.5	27.9	108.0	1.9	37.0	5.4	92.9	2.6	32.0	5.7	81.5	-1.7	26.5	14.8
2021	2.89	1.35	137.8	73.3	15.4	19.8	29.3	109.1	1.0	37.7	2.1	92.9	0.1	32.6	1.8	81.5	0.0	27.5	4.0

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
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
2019	6.10	0.339	3.90	0.276	3.90	0.269
2020	6.13	0.340	3.84	0.274	3.84	0.267
2021	6.15	0.341	3.91	0.277	3.94	0.271

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

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

Unit:NT\$,%

Year	Household Income Without Current Transfer From Government		Household Current Transfer Income From Government	Household Income Including Current Transfer Income From Government		Household With Current Transfers Income to Government		Disposable Income			Ratio Difference					
	Amount		Ratio A	Amount		Amount (3)=(1)+(2)		Ratio B	Amount		Amount (3)-(4)		Ratio C	With Current Transfer From Government A-B	With Current Transfers to Government B-C	With Current Transfers A-C
	Lowest 20%	Highest 20%		Lowest 20%	Highest 20%	Lowest 20%	Highest 20%		Lowest 20%	Highest 20%	Lowest 20%	Highest 20%				
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
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
2019	301,987	2,193,308	7.26	55,645	40,544	357,631	2,233,853	6.25	7,442	95,982	350,189	2,137,871	6.10	1.02	0.14	1.16
2020	298,230	2,215,641	7.43	64,214	57,660	362,444	2,273,300	6.27	7,485	96,906	354,959	2,176,394	6.13	1.16	0.14	1.30
2021	292,460	2,232,444	7.63	73,648	71,575	366,108	2,304,019	6.29	7,514	98,329	358,594	2,205,691	6.15	1.34	0.14	1.48

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%	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
2001	6.39	0.350	4.68	10.44	0.412	14.40	0.466	17.22	0.515	4.57	0.312	-	-	12.20	0.446	4.29	0.277	-	-	-	-	19.5	0.493	11.1	0.454	0.437	
2002	6.16	0.345	6.36	9.73	0.400	14.39	0.462	-	-	4.59	0.313	-	-	12.10	0.443	4.34	0.279	-	-	-	-	25.4	0.505	11.3	0.454	0.433	
2003	6.07	0.343	6.11	9.40	0.390	14.71	0.464	-	-	4.39	0.306	-	-	12.46	0.445	4.22	0.270	-	-	-	-	28.1	0.512	11.5	0.457	0.423	
2004	6.03	0.338	6.04	10.04	0.400	14.78	0.466	-	-	4.28	0.301	4.29	0.278	12.82	0.447	4.41	0.277	-	-	-	-	29.6	0.517	11.6	0.460	0.419	
2005	6.04	0.340	5.97	10.17	0.400	14.98	0.469	-	-	4.24	0.300	-	-	12.92	0.450	4.55	0.281	-	-	-	-	31.9	0.522	12.1	0.465	0.422	
2006	6.01	0.339	6.24	10.39	0.400	14.81	0.470	18.66	0.521	4.18	0.295	-	-	12.97	0.452	4.62	0.285	5.38	0.306	-	-	-	-	12.3	0.470	0.418	
2007	5.98	0.340	6.39	10.29	0.399	14.54	0.463	-	-	4.16	0.296	-	-	12.76	0.444	4.84	0.292	5.60	0.312	-	-	-	-	13.0	0.482	0.439	
2008	6.05	0.341	6.07	9.57	0.389	14.67	0.466	-	-	4.23	0.300	-	-	13.22	0.450	4.88	0.294	5.71	0.314	-	-	-	-	12.8	0.474	0.424	
2009	6.34	0.345	6.25	9.59	0.388	14.79	0.468	-	-	4.35	0.302	4.46	0.283	13.72	0.456	4.97	0.295	5.75	0.314	-	-	-	-	12.6	0.471	0.422	
2010	6.19	0.342	6.22	-	-	15.41	0.470	-	-	4.25	0.296	-	-	14.47	0.456	4.82	0.289	5.66	0.310	-	-	-	-	12.6	0.472	0.425	
2011	6.17	0.342	6.24	-	-	15.84	0.477	20.70	0.521	4.29	0.296	-	-	14.71	0.463	4.82	0.289	5.73	0.311	8.32	0.388	-	-	12.5	0.473	0.423	
2012	6.13	0.338	6.26	-	-	15.83	0.477	-	-	4.14	0.290	-	-	14.68	0.463	4.67	0.285	5.54	0.307	8.10	0.385	-	-	12.8	0.478	0.432	
2013	6.08	0.336	6.12	-	-	15.90	0.476	-	-	4.08	0.288	-	-	14.17	0.459	4.56	0.280	5.43	0.302	7.68	0.372	-	-	12.1	0.463	0.409	
2014	6.05	0.336	6.43	-	-	16.62	0.480	-	-	3.98	0.282	4.38	0.281	15.15	0.464	4.42	0.277	5.41	0.302	7.37	0.363	-	-	12.0	0.464	0.411	
2015	6.06	0.338	6.30	-	-	16.25	0.479	-	-	3.91	0.279	-	-	14.65	0.462	4.20	0.269	5.11	0.295	6.91	0.352	-	-	11.8	0.463	0.409	
2016	6.08	0.336	6.31	-	-	16.53	0.481	21.20	0.524	3.89	0.278	-	-	14.34	0.464	4.46	0.278	5.45	0.304	6.98	0.355	-	-	11.7	0.458	0.401	
2017	6.07	0.337	6.43	-	-	16.73	0.482	-	-	3.89	0.277	-	-	14.31	0.463	-	-	-	-	6.96	0.350	-	-	11.8	0.459	0.402	
2018	6.09	0.338	6.38	-	-	16.98	0.486	-	-	3.90	0.278	-	-	14.37	0.464	-	-	-	-	6.54	0.350	-	-	11.9	0.458	0.403	
2019	6.10	0.339	6.42	-	-	16.65	0.484	-	-	3.90	0.276	4.54	0.286	14.03	0.465	-	-	-	-	6.25	0.339	-	-	11.6	0.452	0.398	
2020	6.13	0.340	6.62	-	-	17.38	0.489	-	-	3.84	0.274	-	-	14.94	0.469	-	-	-	-	5.85	0.331	-	-	11.8	0.452	0.375	
2021	6.15	0.341	6.66	-	-	-	-	-	-	3.91	0.277	-	-	-	-	-	-	-	-	-	-	-	-	-	11.3	0.444	0.386

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. 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 and 2020 is from the Census of Population; for the year of 2005 is from General Household Survey; for the year of 2001-2004, 2006-2009, 2011-2019 is from Labour Force Survey. Hong Kong: 2016 Population By-census, Thematic Report: Household Income Distribution in HK.

Table 16 Household Facilities and Housing in Taiwan Area

Unit:%

Year	Household Equipments										Transportation Equipments			Others			Housing					
	Color TV sets			Tele- phone	Washing Machine	Air Conditioner	Cable TV			Microwave Oven	Cell Phone	Motor- cycle	Sedan Vehicle	Personal Computer		News- paper	Maga- zine	Ownership of this house①			Area	
	Total	Others	LCD and PDP TV				Total	Others	MOD					Internet	Internet			Total	Self- owned Dwelling	Spouse, parents or children not living together	Average Space per Household (pin)	Average Space per Person (pin)
1991	99.2	99.2	-	94.8	89.5	52.4	-	-	-	22.2	-	79.2	33.7	9.6	-	62.0	13.6	80.4	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	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	85.6	-	41.0	11.5
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	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	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	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	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
2019	98.7	8.1	94.3	88.2	98.7	94.7	85.9	75.4	12.0	43.1	95.6	84.2	60.8	66.7	95.5	9.3	3.3	89.3	84.7	4.6	45.1	14.9
2020	98.8	5.1	96.2	85.9	99.0	96.0	85.2	73.7	12.6	43.6	96.2	83.3	60.3	66.0	97.4	7.7	3.4	89.6	84.7	4.9	44.9	15.4
2021	98.5	3.9	96.4	84.4	98.9	95.9	85.6	73.7	12.8	44.6	96.6	83.7	60.3	67.4	98.5	7.2	2.9	90.2	85.0	5.2	45.0	15.6
by five equal divisions of household according to disposable income																						
1 Lowest 20%	96.9	6.4	92.1	80.6	96.0	87.9	75.5	67.1	8.6	26.9	86.6	71.0	30.0	26.5	92.5	6.3	0.3	86.0	78.7	7.3	40.3	24.9
2	98.3	4.3	96.0	81.8	99.4	95.2	83.8	74.1	10.1	37.6	97.2	83.9	47.4	55.9	97.3	6.7	1.0	86.3	79.6	6.7	41.4	18.0
3	98.7	3.6	97.0	84.7	99.6	97.7	88.1	76.0	13.0	45.7	99.5	87.8	64.4	74.2	98.9	7.1	2.6	88.8	84.0	4.8	43.7	14.8
4	99.2	2.9	98.3	86.4	99.7	99.0	89.6	76.3	14.2	52.6	99.7	90.3	73.8	86.2	99.2	7.2	3.3	93.6	89.2	4.4	47.2	13.4
5 Highest 20%	99.3	2.5	98.6	88.7	99.9	99.6	90.9	75.2	18.3	60.5	99.9	85.3	86.0	93.9	99.8	8.7	7.2	96.4	93.8	2.6	52.3	13.0

Explanation : 1 pin ≡ 3.31 square meters.

Note : ① Concerning housing tenure, before 2010, the term "self-owned" means owned by household members and their lineal relatives. From 2010, the meaning is amended to owned by household members who usually live in this house in accordance with the definition of 2010 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	1,791,573	5.72	0.47
2011	907,988	296,352	1,827,354	6.17	9,931	22,268	5,757	917,918	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	332,480	1,891,093	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	15,140	24,999	14,543	1,051,444	369,947	2,113,573	5.71	0.37
2019	1,059,731	350,189	2,137,871	6.10	17,167	26,452	17,302	1,076,898	376,641	2,155,173	5.72	0.38
2020	1,079,648	354,959	2,176,394	6.13	19,346	27,753	20,500	1,098,994	382,713	2,196,894	5.74	0.39
2021	1,090,554	358,594	2,205,691	6.15	21,740	29,590	21,173	1,112,294	388,184	2,226,863	5.74	0.41