

GDP: Advance Estimate of 2013Q3

October 31, 2013 The seasonally adjusted real gross domestic product (GDP) increased by 0.35% on a quarter-on-quarter annualized basis in 2013Q3, and the year-on-year(yoy) growth rate of unadjusted GDP was 1.58%, according to the advance estimate by DGBAS.

Advance Estimation of GDP in 2013Q3

The seasonally adjusted real GDP increased from previous quarter (saqr) by 0.09%, and the seasonally adjusted annualized rate (saar) rose by 0.35%.

The year-on-year (yoy) growth rate of seasonally unadjusted real GDP was 1.58% in 2013Q3, 0.89 percentage points lower than the prediction (2.47%) in August.

Private consumption grew by 1.56% on a yoy basis, moderating from the 1.69% growth in the previous quarter.

Gross capital formation grew by 1.04% on a yoy basis, with mild expansion in machinery and other equipment.

Exports increased by 1.68% on a yoy basis, much lower than 5.16% growth in the previous quarter.

For further information:

Statistics Database:
<http://61.60.106.82/pxweb/Dialog/statfile1L.asp>

DGBAS news releases on the Internet:
<http://eng.stat.gov.tw/>

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**Next release – November 29, 2013, for
Gross Domestic Products for 2013Q3 (Preliminary)**

Table 1 Main Indicators(1/2)

	Real GDP (million NT\$)	Economic Growth Rate			GDP Per Capita		GNP Per Capita		Changes in CPI (%)
		saqr (%)	saar (%)	yoy (%)	NT\$	US\$	NT\$	US\$	
1999	9,198,098	—	—	5.97	438,384	13,585	442,497	13,712	0.17
2000	9,731,208	—	—	5.80	459,212	14,704	465,502	14,906	1.25
2001	9,570,584	—	—	-1.65	444,489	13,147	453,084	13,401	0.00
2002	10,074,337	—	—	5.26	463,498	13,404	474,294	13,716	-0.20
2003	10,443,993	—	—	3.67	474,069	13,773	488,645	14,197	-0.28
2004	11,090,474	—	—	6.19	501,849	15,012	518,280	15,503	1.61
2005	11,612,093	—	—	4.70	516,516	16,051	529,313	16,449	2.30
2006	12,243,471	—	—	5.44	536,442	16,491	550,099	16,911	0.60
2007	12,975,985	—	—	5.98	563,349	17,154	577,869	17,596	1.80
2008	13,070,681	—	—	0.73	548,757	17,399	562,439	17,833	3.52
Q1	3,187,360	1.36	5.55	7.55	138,275	4,381	145,306	4,604	3.58
Q2	3,306,002	-0.02	-0.06	5.66	138,026	4,530	140,199	4,601	4.19
Q3	3,325,198	-3.58	-13.57	-1.23	135,415	4,337	137,717	4,411	4.53
Q4	3,252,121	-5.07	-18.78	-7.53	137,041	4,151	139,217	4,217	1.86
2009	12,834,049	—	—	-1.81	540,813	16,359	558,751	16,901	-0.86
Q1	2,928,593	-1.21	-4.76	-8.12	130,049	3,823	135,797	3,992	-0.01
Q2	3,088,340	3.56	15.02	-6.58	129,458	3,903	133,398	4,022	-0.86
Q3	3,278,312	2.59	10.76	-1.41	136,320	4,152	139,276	4,242	-1.35
Q4	3,538,804	4.94	21.28	8.82	144,986	4,481	150,280	4,645	-1.26
2010	14,215,069	—	—	10.76	585,633	18,503	604,199	19,090	0.96
Q1	3,312,610	1.94	7.99	13.11	142,672	4,462	149,607	4,679	1.28
Q2	3,486,318	2.68	11.16	12.89	143,693	4,499	148,308	4,643	1.10
Q3	3,657,592	0.82	3.34	11.57	149,808	4,683	153,319	4,794	0.38
Q4	3,758,549	0.81	3.26	6.21	149,460	4,859	152,965	4,974	1.11
2011	14,792,928	—	—	4.07	589,576	20,006	606,321	20,574	1.42
Q1	3,556,821	2.49	10.33	7.37	147,255	4,989	154,132	5,222	1.28
Q2	3,645,265	0.30	1.21	4.56	142,558	4,932	146,668	5,074	1.64
Q3	3,786,634	-0.13	-0.53	3.53	149,793	5,129	152,586	5,225	1.35
Q4	3,804,208	-1.17	-4.58	1.21	149,970	4,956	152,935	5,053	1.44
2012	14,988,594	—	—	1.32	603,593	20,386	623,004	21,042	1.93
Q1	3,577,875	1.40	5.72	0.59	147,959	4,978	154,145	5,187	1.29
Q2	3,641,024	-0.001	-0.004	-0.12	144,628	4,876	149,493	5,040	1.65
Q3	3,814,411	0.73	2.97	0.73	153,106	5,126	156,796	5,249	2.95
Q4	3,955,284	1.72	7.08	3.97	157,900	5,406	162,570	5,566	1.83
2013									
Q1	3,635,892	-0.64	-2.53	1.62	150,796	5,103	156,790	5,306	1.80
Q2	3,731,565	0.58	2.34	2.49	148,692	4,965	153,241	5,117	0.80
Q3(a)	3,874,562	0.09	0.35	1.58	156,407	5,222	160,004	5,342	0.03

Note: 1. (a) denotes advance estimate.

2. yoy denotes the rate of year on year; saqr denotes seasonally adjusted quarterly rate; saar denotes seasonally adjusted annualized rate.

Table 1 Main Indicators(2/2)

	Nominal GDP		Nominal GNP	
	million NT\$	million US\$	million NT\$	million US\$
1999	9,649,049	299,010	9,739,567	301,815
2000	10,187,394	326,205	10,326,952	330,674
2001	9,930,387	293,712	10,122,411	299,391
2002	10,411,639	301,088	10,654,141	308,101
2003	10,696,257	310,757	11,025,130	320,312
2004	11,365,292	339,973	11,737,391	351,104
2005	11,740,279	364,832	12,031,145	373,870
2006	12,243,471	376,375	12,555,170	385,957
2007	12,910,511	393,134	13,243,277	403,267
2008	12,620,150	400,132	12,934,796	410,108
Q1	3,176,424	100,641	3,337,950	105,759
Q2	3,173,185	104,138	3,223,168	105,779
Q3	3,115,109	99,774	3,168,084	101,471
Q4	3,155,432	95,579	3,205,594	97,099
2009	12,481,093	377,529	12,895,087	390,051
Q1	2,997,919	88,126	3,130,411	92,027
Q2	2,986,363	90,039	3,077,269	92,786
Q3	3,146,568	95,823	3,214,802	97,908
Q4	3,350,243	103,541	3,472,605	107,330
2010	13,552,099	428,186	13,981,738	441,761
Q1	3,299,585	103,191	3,459,976	108,216
Q2	3,324,540	104,069	3,431,322	107,420
Q3	3,467,135	108,397	3,548,394	110,946
Q4	3,460,839	112,529	3,542,046	115,179
2011	13,674,346	464,009	14,062,718	477,188
Q1	3,412,302	115,617	3,571,697	121,014
Q2	3,304,771	114,337	3,400,073	117,632
Q3	3,474,908	118,989	3,539,721	121,204
Q4	3,482,365	115,066	3,551,227	117,338
2012	14,042,125	474,269	14,493,640	489,517
Q1	3,437,399	115,659	3,581,109	120,495
Q2	3,362,664	113,374	3,475,780	117,187
Q3	3,563,121	119,288	3,648,992	122,162
Q4	3,678,941	125,948	3,787,759	129,673
2013				
Q1	3,517,208	119,026	3,657,004	123,756
Q2	3,470,239	115,868	3,576,419	119,413
Q3(a)	3,652,175	121,942	3,736,157	124,746

Note: (a) denotes advance estimate.

**Table 2 GDP Growth Rates and Contributions to
Economic Growth Rate by Expenditure**
at 2006 Constant Prices

Unit: %, percentage points

	GDP					Net Exports	Exports of Goods and Services	Imports of Goods and Services
	Domestic Demand	Private Final Consumption	Government Final Consumption	Gross Capital Formation				
	GDP Growth Rates (voy)							
2003	3.67	2.34	2.91	-1.23	3.08	--	10.23	7.68
2004	6.19	7.36	5.17	0.57	17.78	--	15.40	17.50
2005	4.70	1.83	2.90	0.19	0.02	--	7.78	3.16
2006	5.44	0.97	1.49	-0.71	0.51	--	11.41	4.57
2007	5.98	1.42	2.08	2.09	-0.66	--	9.55	2.98
2008	0.73	-2.35	-0.93	0.83	-7.89	--	0.87	-3.71
2009	-1.81	-3.71	0.76	4.01	-21.22	--	-8.68	-13.10
2010	10.76	9.45	3.96	0.44	36.82	--	25.63	27.70
2011	4.07	0.58	3.13	2.25	-7.54	--	4.45	-0.47
Q1	7.37	4.24	4.56	1.63	4.76	--	11.36	7.68
Q2	4.56	1.90	3.23	0.76	-1.07	--	5.10	1.53
Q3	3.53	-0.19	3.42	2.23	-11.22	--	2.15	-3.58
Q4	1.21	-3.27	1.36	4.04	-20.58	--	0.16	-6.62
2012	1.32	0.09	1.47	0.46	-4.47	--	0.11	-2.08
Q1	0.59	-1.33	1.92	2.10	-13.34	--	-3.37	-7.23
Q2	-0.12	-0.69	1.61	2.50	-9.01	--	-2.54	-4.09
Q3	0.73	0.11	0.90	-0.70	-1.81	--	2.28	1.88
Q4	3.97	2.24	1.48	-1.47	7.95	--	3.90	1.29
2013								
Q1	1.62	1.95	0.30	1.26	8.41	--	5.03	6.66
Q2	2.49	0.50	1.69	-0.18	-2.84	--	5.16	3.15
Q3(a)	1.58	1.14	1.56	-0.75	1.04	--	1.68	1.07
	Contributions to Economic Growth Rate (voy)							
2003	3.67	2.37	1.85	-0.18	0.70	1.30	5.53	4.23
2004	6.19	7.34	3.27	0.08	3.99	-1.15	8.86	10.01
2005	4.70	1.85	1.81	0.03	0.01	2.86	4.86	2.00
2006	5.44	0.95	0.92	-0.09	0.12	4.49	7.34	2.85
2007	5.98	1.34	1.23	0.25	-0.15	4.65	6.49	1.85
2008	0.73	-2.11	-0.53	0.10	-1.68	2.84	0.61	-2.23
2009	-1.81	-3.24	0.43	0.46	-4.12	1.42	-6.11	-7.53
2010	10.76	8.07	2.28	0.05	5.74	2.69	16.78	14.09
2011	4.07	0.49	1.69	0.25	-1.45	3.58	3.30	-0.28
Q1	7.37	3.66	2.61	0.17	0.88	3.71	8.19	4.48
Q2	4.56	1.60	1.73	0.08	-0.21	2.96	3.88	0.92
Q3	3.53	-0.16	1.83	0.25	-2.24	3.69	1.59	-2.10
Q4	1.21	-2.71	0.71	0.47	-3.90	3.93	0.12	-3.81
2012	1.32	0.07	0.79	0.05	-0.77	1.25	0.08	-1.17
Q1	0.59	-1.12	1.07	0.21	-2.39	1.71	-2.52	-4.23
Q2	-0.12	-0.57	0.85	0.26	-1.68	0.45	-1.94	-2.40
Q3	0.73	0.09	0.48	-0.08	-0.31	0.64	1.67	1.02
Q4	3.97	1.78	0.77	-0.18	1.18	2.19	2.88	0.69
2013								
Q1	1.62	1.60	0.17	0.13	1.30	0.02	3.61	3.59
Q2	2.49	0.41	0.91	-0.02	-0.48	2.08	3.85	1.77
Q3(a)	1.58	0.93	0.84	-0.08	0.17	0.65	1.24	0.59

Note: 1. (a) denotes advance estimate.

2. The preliminary estimate of decomposition of gross capital formation will be available on November 2013.

**Table 3 GDP Growth Rates and Contributions to
Economic Growth Rate by Kind of Activity
at 2006 Constant Prices**

Unit: %, percentage points

	GDP									
	Manufacturing	Electricity and Gas Supply	Construction	Wholesale and Retail Trade	Transportation and Storage	Accommodation and Food Services	Finance and Insurance	Real Estate	Public Administration and Defence	
	GDP Growth Rates (yoy)									
2003	3.67	10.09	5.52	-3.91	2.07	0.58	-1.62	0.61	4.79	2.45
2004	6.19	10.33	4.36	7.13	6.38	5.29	4.21	7.70	4.22	0.84
2005	4.70	7.90	4.65	1.26	6.18	2.14	5.95	4.32	4.35	1.54
2006	5.44	9.04	3.80	2.91	5.01	3.01	4.97	2.51	8.35	-0.06
2007	5.98	9.82	4.45	1.53	5.94	4.57	4.05	6.14	5.33	-1.16
2008	0.73	0.99	-2.61	-5.55	2.21	0.50	-1.63	-2.20	0.70	0.79
2009	-1.81	-4.30	-0.19	-6.84	-1.01	-3.47	-1.35	-7.72	1.87	0.84
2010	10.76	25.46	6.65	11.81	5.08	8.01	9.70	6.51	3.14	3.14
2011	4.07	6.42	2.41	-0.07	4.00	2.44	9.52	3.65	1.18	0.28
Q1	7.37	16.63	3.01	3.25	8.07	2.09	9.87	5.99	3.08	0.84
Q2	4.56	9.84	4.77	2.18	4.08	1.57	9.27	5.64	1.26	-0.10
Q3	3.53	3.99	0.61	-2.08	3.64	2.90	9.14	4.72	0.65	-0.31
Q4	1.21	-2.29	2.09	-3.95	0.55	3.18	9.80	-1.87	-0.16	0.77
2012	1.32	0.97	0.66	-0.97	0.09	1.00	2.02	-0.28	1.01	1.05
Q1	0.59	-2.11	4.38	-2.18	-0.54	1.45	3.77	1.10	-2.01	2.20
Q2	-0.12	-1.92	0.68	-1.33	0.41	0.52	1.47	-0.86	1.34	1.35
Q3	0.73	2.15	-1.97	-0.21	-0.52	1.09	1.94	-2.19	1.61	-0.19
Q4	3.97	5.56	0.26	-0.01	0.97	0.94	0.94	1.11	2.98	0.99
2013										
Q1	1.62	2.62	-3.31	2.54	0.40	1.64	0.41	-0.93	4.48	0.23
Q2	2.49	1.26	-0.76	-0.59	0.35	3.37	-0.02	1.30	2.45	-0.42
Q3(a)	1.58	1.66	1.47	-0.12	0.35	2.83	1.54	1.91	1.24	-1.49
	Contributions to Economic Growth Rate (yoy)									
2003	3.67	2.27	0.07	-0.12	0.37	0.02	-0.03	0.05	0.40	0.21
2004	6.19	2.47	0.05	0.20	1.13	0.18	0.08	0.57	0.36	0.07
2005	4.70	1.96	0.06	0.04	1.09	0.07	0.11	0.32	0.36	0.12
2006	5.44	2.31	0.05	0.08	0.90	0.10	0.10	0.19	0.69	0.00
2007	5.98	2.60	0.05	0.04	1.06	0.15	0.08	0.45	0.45	-0.09
2008	0.73	0.27	-0.03	-0.14	0.40	0.02	-0.03	-0.16	0.06	0.06
2009	-1.81	-1.18	0.00	-0.17	-0.18	-0.11	-0.02	-0.55	0.16	0.06
2010	10.76	6.82	0.08	0.27	0.93	0.25	0.18	0.43	0.28	0.22
2011	4.07	1.95	0.03	0.00	0.69	0.07	0.17	0.23	0.10	0.02
Q1	7.37	4.67	0.03	0.08	1.48	0.07	0.19	0.39	0.26	0.06
Q2	4.56	2.97	0.04	0.05	0.70	0.05	0.17	0.38	0.10	-0.01
Q3	3.53	1.26	0.01	-0.05	0.58	0.08	0.17	0.31	0.05	-0.02
Q4	1.21	-0.72	0.02	-0.08	0.10	0.09	0.17	-0.11	-0.01	0.05
2012	1.32	0.30	0.01	-0.02	0.02	0.03	0.04	-0.02	0.08	0.07
Q1	0.59	-0.64	0.05	-0.05	-0.10	0.05	0.07	0.07	-0.17	0.14
Q2	-0.12	-0.61	0.01	-0.03	0.07	0.02	0.03	-0.06	0.11	0.09
Q3	0.73	0.68	-0.02	-0.01	-0.08	0.03	0.04	-0.14	0.12	-0.01
Q4	3.97	1.69	0.00	0.00	0.17	0.03	0.02	0.06	0.24	0.06
2013										
Q1	1.62	0.78	-0.04	0.06	0.07	0.05	0.01	-0.06	0.36	0.01
Q2	2.49	0.39	-0.01	-0.01	0.06	0.10	0.00	0.09	0.20	-0.03
Q3(a)	1.58	0.53	0.02	0.00	0.06	0.08	0.03	0.12	0.09	-0.10

Note : (a) denotes advance estimate.

Table 4 Economic Growth Rates of Major Countries

Unit: %

Period	ROC		US		Japan		EU28 (1)	Germ any	France	UK	China		HK	Korea		Singapore	
	yoy	saar	yoy(1)	saar	yoy	saar					yoy	saar		yoy	saar	yoy	saar
2003	3.67	—	2.8	—	1.7	—	1.5	-0.4	0.9	3.9	10.0	—	3.1	2.8	—	4.6	—
2004	6.19	—	3.8	—	2.4	—	2.6	1.2	2.5	3.2	10.1	—	8.7	4.6	—	9.2	—
2005	4.70	—	3.4	—	1.3	—	2.2	0.7	1.8	3.2	11.3	—	7.4	4.0	—	7.4	—
2006	5.44	—	2.7	—	1.7	—	3.4	3.7	2.5	2.8	12.7	—	7.0	5.2	—	8.6	—
2007	5.98	—	1.8	—	2.2	—	3.2	3.3	2.3	3.4	14.2	—	6.5	5.1	—	9.0	—
2008	0.73	—	-0.3	—	-1.0	—	0.4	1.1	-0.1	-0.8	9.6	—	2.1	2.3	—	1.7	—
2009	-1.81	—	-2.8	—	-5.5	—	-4.5	-5.1	-3.1	-5.2	9.2	—	-2.5	0.3	—	-0.8	—
Q1	-8.12	-4.76	-4.2	-5.3	-9.4	-15.1	-5.5	-6.8	-4.3	-6.8	6.6	...	-7.8	-4.2	0.3	...	...
Q2	-6.58	15.02	-4.6	-0.3	-6.6	6.7	-5.5	-6.2	-3.7	-6.3	8.2	...	-3.1	-2.1	10.5	...	...
Q3	-1.41	10.76	-3.3	1.4	-5.6	0.4	-4.5	-5.1	-3.2	-5.0	9.7	...	-1.7	1.0	14.2	...	...
Q4	8.82	21.28	-0.1	4.0	-0.5	7.6	-2.3	-2.2	-1.0	-2.5	11.4	...	2.5	6.3	1.1	...	...
2010	10.76	—	2.5	—	4.7	—	2.0	4.0	1.7	1.7	10.4	—	6.8	6.3	—	14.8	—
Q1	13.11	7.99	1.6	1.6	4.9	5.9	0.9	2.5	1.0	0.5	12.1	...	7.9	8.7	8.9	...	30.6
Q2	12.89	11.16	2.7	3.9	4.4	3.7	2.2	4.3	1.6	2.0	10.4	...	6.4	7.6	5.8	...	32.1
Q3	11.57	3.34	3.0	2.8	6.0	6.0	2.4	4.4	2.1	2.4	9.8	...	6.6	4.5	2.4	...	-13.0
Q4	6.21	3.26	2.8	2.8	3.3	-1.3	2.4	4.2	1.9	1.8	9.9	...	6.4	4.9	3.0	...	7.2
2011	4.07	—	1.8	—	-0.6	—	1.7	3.3	2.0	1.1	9.3	—	4.9	3.7	—	5.2	—
Q1	7.37	10.33	2.0	-1.3	0.0	-7.6	2.6	5.3	2.8	1.7	9.8	2.3	7.6	4.3	5.3	9.9	17.5
Q2	4.56	1.21	1.9	3.2	-1.5	-3.4	1.8	3.3	2.1	0.8	9.5	2.5	5.1	3.5	3.3	1.8	-2.9
Q3	3.53	-0.53	1.5	1.4	-0.6	10.7	1.5	2.9	1.8	1.0	9.1	2.2	4.0	3.6	3.3	5.7	3.4
Q4	1.21	-4.58	2.0	4.9	-0.2	1.4	0.8	2.2	1.5	1.1	8.9	1.8	3.0	3.4	1.5	3.6	-2.3
2012	1.32	—	2.8	—	2.0	—	-0.4	0.7	0.0	0.1	7.7	—	1.5	2.0	—	1.3	—
Q1	0.59	5.72	3.3	3.7	3.4	5.0	0.1	1.3	0.4	0.6	8.1	1.5	0.7	2.8	3.3	1.5	7.8
Q2	-0.12	-0.004	2.8	1.2	3.8	-1.2	-0.3	1.1	0.1	0.0	7.5	2.1	0.9	2.4	1.2	2.3	0.1
Q3	0.73	2.97	3.1	2.8	0.3	-3.5	-0.5	0.9	0.0	0.1	7.4	2.0	1.5	1.6	0.2	0.0	-4.6
Q4	3.97	7.08	2.0	0.1	0.4	1.1	-0.7	0.3	-0.3	-0.2	8.0	1.9	2.8	1.5	1.1	1.5	3.3
2013																	
Q1	1.62	-2.53	1.3	1.1	0.3	4.1	-0.8	-0.3	-0.5	0.2	7.7	1.6	2.9	1.5	3.4	0.3	2.3
Q2	2.49	2.34	1.6	2.5	1.2	3.8	-0.2	0.5	0.4	1.3	7.5	1.7	3.3	2.3	4.5	4.2	16.9
Q3	1.58	0.35	...	...	...	...	...	...	...	...	7.8	2.2	...	3.3	4.3	5.1	-1.0

Source: Countries' official websites.

Note: 1. The growth rates denote the rates of year on year, while those saar ones denote seasonally adjusted annualized rate.

2. (1) denotes the year-on-year rates of seasonally adjusted real GDP.