

Statistics

General Information

	Total Population (million)				Life Expectancy (year)		GDP (US\$ billion)	GDP per capita (US\$)	Literacy rate among citizens aged 15 and above (%)
	Population Structure (%)			Male	Female				
	0-14	15-64	65-						
1980	17.9	32.1	63.6	4.3	69.6	74.6	42.2	2,385	87.7
1990	20.4	27.1	66.7	6.2	71.3	76.8	164.7	8,124	92.4
1995	21.4	23.8	68.6	7.6	71.9	77.7	274.7	12,918	94.0
2000	22.3	21.1	70.3	8.6	73.8	79.6	326.2	14,704	95.6
2005	22.8	18.7	71.6	9.7	74.5	80.8	364.8	16,051	97.3
2009	23.1	16.3	73.0	10.6	76.0	82.3	377.5	16,359	97.9
2010	23.2	15.6	73.6	10.7	76.1	82.6	428.2	18,503	98.0
2011	23.2	15.1	74.0	10.9	76.0	82.6	464.0	20,006	98.2
2012	23.3	14.6	74.2	11.2	-	-	474.3	20,386	98.3

Summary of Education at All Levels

SY 2012-2013

Unit : Person

	No. of Schools (school)	No. of Teachers	No. of Classes (class)	No. of Students	No. of Graduates in 2011	No. of Students Per 1,000 Population
Total	11,495	301,990	144,711	5,007,274	1,217,508	214.76
Preschool	6,611	45,004	-	459,653	...	19.71
Primary School	2,657	97,536	56,399	1,373,375	285,628	58.90
Jr. High School	740	51,880	27,466	844,884	309,159	36.24
Sr. High School	340	37,159	10,110	402,688	128,502	17.27
Sr. Voca. School	155	17,166	8,932	369,432	109,863	15.84
Jr. College	14	1,738	2,353	101,424	19,205	4.35
Uni. & College	151	48,446	32,528	1,254,066	296,375	53.79
Special Edu. Sch.	27	1,827	640	6,885	2,184	0.30
Supp. & Cont. Sch.	798	1,137	5,979	181,171	63,610	7.77
Open University	2	97	304	13,696	2,982	0.59

Gross Enrollment Rate and Net Enrollment Ratio by Level of Education

Unit : %

School Year	Total		1st Level (Primary)		2nd Level				3rd Level (Tertiary)	
	Gross	Net	Gross	Net	Junior		Senior		Gross	Net
					Gross	Net	Gross	Net		
1976-77	69.61	67.57	100.65	97.54	90.21	77.33	56.54	43.17	15.40	9.97
1981-82	71.95	69.52	101.11	97.59	97.71	84.41	68.03	52.58	16.71	11.47
1991-92	82.41	78.74	100.99	98.70	100.23	91.70	90.28	72.93	32.37	20.98
2001-02	89.07	82.29	99.66	98.19	99.25	93.53	99.66	88.21	62.96	42.51
2006-07	95.33	88.55	99.54	97.77	99.48	96.65	98.79	91.31	83.58	59.83
2007-08	96.05	89.26	100.82	97.79	99.13	96.86	98.23	90.72	85.31	61.41
2008-09	95.52	89.70	100.70	97.74	99.36	96.83	99.11	91.65	83.18	63.76
2009-10	95.25	89.93	101.40	98.01	98.84	97.47	99.12	92.35	82.17	64.98
2010-11	95.60	90.45	99.68	97.97	101.80	97.45	98.89	92.73	83.77	67.27
2011-12	95.45	90.56	100.37	97.88	101.02	97.52	99.11	93.24	83.37	68.27
2012-13	95.55	90.77	101.44	97.79	99.67	97.82	98.33	93.15	84.43	69.90

Number of Students Per Teacher at All Levels

Unit : Person

School Year	Total	Pre-school	Primary School	Jr. High School	Sr. High School	Sr. Voca. School	University	College	Junior College	Special Edu. Sch.
1976-77	29.90	32.66	36.04	25.94	23.16	22.70	11.42	16.22	20.00	6.65
1981-82	27.25	26.10	31.79	22.97	22.99	22.50	13.53	11.92	20.79	5.24
1991-92	24.22	15.83	27.20	21.23	22.29	21.28	14.82	11.38	19.35	3.72
2001-02	19.71	12.44	18.60	15.67	19.41	19.18	19.60	20.17	20.56	3.58
2006-07	19.30	10.60	17.86	15.70	19.29	18.41	19.93	18.63	21.01	3.79
2007-08	19.03	11.02	17.31	15.23	19.11	18.70	20.25	18.55	22.73	3.84
2008-09	18.76	10.69	16.74	15.08	18.91	19.01	20.47	18.81	23.65	3.96
2009-10	18.49	10.77	16.07	14.90	18.73	19.08	21.03	19.35	26.13	4.11
2010-11	18.18	12.57	15.26	14.31	18.58	18.69	21.25	19.81	26.74	3.91
2011-12	17.90	12.72	14.78	13.74	18.53	18.29	21.52	21.10	27.69	3.83
2012-13	16.58	10.21	14.08	13.00	18.29	17.83	21.86	21.32	28.34	3.77

Overseas Students in R.O.C.

Unit : Person

Year / School Year	2007	2008	2009	2010	2011	2012
Total	30,150	33,065	39,042	44,776	57,166	64,558
Subtotal of International Students	27,738	30,067	34,285	37,177	41,885	43,957
Studying for a Degree	5,259	6,258	7,764	8,801	10,059	11,554
Overseas Compatriot Students	10,861	11,426	12,840	13,562	14,045	15,204
International Exchange	1,441	1,732	2,069	2,259	3,301	3,301
Studying Mandarin Chinese	10,177	10,651	11,612	12,555	14,480	13,898
Subtotal of Overseas Chinese Students	2,412	2,998	4,757	7,599	15,281	20,601
Mainland China Students (Studying for a degree)	-	-	-	-	928	1,864
Mainland China Students (to take short-term courses or attend meeting)	823	1,321	2,888	5,316	11,227	15,590
Short-term Courses	1,146	1,258	1,307	1,604	2,265	2,265
Overseas Compatriot Youth Technical Training Classes	443	419	562	679	861	882

Ratio of Educational Expenditure to GDP

Fiscal Year	Educational Expenditure (US\$million)			GDP(US\$ million)	% to GDP		
	Total	Public Sector	Private Sector		Average	Public	Private
1970-71	281	227	54	6,213	4.52	3.65	0.87
1980-81	2,055	1,671	384	46,430	4.43	3.60	0.83
1990-91	11,052	9,088	1,964	171,668	6.43	5.29	1.14
2001	17,464	12,997	4,467	293,712	5.95	4.42	1.52
2006	21,586	15,887	5,699	376,375	5.74	4.22	1.51
2007	21,644	16,052	5,592	393,134	5.51	4.08	1.42
2008	23,169	16,941	6,228	400,132	5.79	4.23	1.56
2009	23,921	17,986	5,934	377,529	6.34	4.76	1.57
2010	24,598	18,460	6,138	428,186	5.74	4.31	1.43
2011	27,605	21,016	6,589	464,009	5.95	4.53	1.42
2012	28,742	20,972	7,770	474,269	6.06	4.42	1.64

Reading, Math and Science Scores of 15-year-olds on the PISA 2009

Rank	Reading			Rank	Mathematics			Rank	Science		
	Country	Avg.	SE		Country	Avg.	SE		Country	Avg.	SE
1	Shanghai-China	556	80	1	Shanghai-China	600	103	1	Shanghai-China	575	82
2	Korea	539	79	2	Singapore	562	104	2	Finland	554	89
3	Finland	536	86	3	Hong Kong-China	555	95	3	Hong Kong-China	549	87
4	Hong Kong-China	533	84	4	Korea	546	89	4	Singapore	542	104
5	Singapore	526	97	5	Taiwan	543	105	5	Japan	539	100
6	Canada	524	90	6	Finland	541	82	6	Korea	538	82
7	New Zealand	521	103	7	Liechtenstein	536	88	7	New Zealand	532	87
8	Japan	520	100	8	Switzerland	534	99	8	Canada	529	90
9	Australia	515	99	9	Japan	529	94	9	Estonia	528	84
23	Taiwan	495	86	10	Canada	527	88	12	Taiwan	520	87

SE: standard error

Trends in International Mathematics and Science Study 2011

Rank	Eighth Grade Science			Eighth Grade Mathematics			Fourth Grade Science			Fourth Grade Mathematics		
	Country	Avg.	SE	Country	Avg.	SE	Country	Avg.	SE	Country	Avg.	SE
1	Singapore	590	4.3	Korea	613	2.9	Korea	587	2.0	Singapore	606	3.2
2	Taiwan	564	2.3	Singapore	611	3.8	Singapore	583	3.4	Korea	605	1.9
3	Korea	560	2.0	Taiwan	609	3.2	Finland	570	2.6	Hong Kong-China	602	3.4
4	Japan	558	2.4	Hong Kong-China	586	3.8	Japan	559	1.9	Taiwan	591	2.0
5	Finland	552	2.5	Japan	570	2.6	Russia	552	3.5	Japan	585	1.7
6	Slovenia	543	2.7	Russia	539	3.6	Taiwan	552	2.2	Northern Ireland	562	2.9
7	Russia	542	3.2	Israel	516	4.1	United States	544	2.1	Belgium	549	1.9
8	Hong Kong-China	535	3.4	Finland	514	2.5	Czech Republic	536	2.5	Finland	545	2.3
9	England	533	4.9	United States	509	2.6	Hong Kong-China	535	3.8	England	542	3.5
10	United States	525	2.6	England	507	5.5	Hungary	534	3.7	Russia	542	3.7

SE: standard error

Medals Attained by Our Students in the Asian Pacific/International Olympiad

Year	2009	2010	2011	2012	2013
Total	28G 16S 4B 3H	26G 14S 9B 10H	27G 15S 6B 3H	28G 12S 6B 5H	...
Asian Pacific Mathematics Olympiad	1G 2S 4B 3H	1G 2S 4B 3H	1G 2S 4B 3H	1G 2S 4B 3H	1G 2S 4B 3H
Asia Physics Olympiad					
Host Country	Thailand	Taiwan	Israel	India	Indonesia
No. of Participants	15 Countries	16 Countries	16 Countries	21 Countries	20 Countries
Medals	7G 1S	5G 1S 4B 6H	3G 4S 1B	6G 1S 1B	5G 3B
Rank	2 nd	A team 1 st B team 4 th	2 nd	2 nd	Nil
International Mathematics Olympiad					
Host Country	Germany	Kazakhstan	Netherlands	Argentina	Colombia
No. of Participants	104 Countries	96 Countries	101 Countries	100 Countries	97 Countries
Medals	1G 5S	1G 3S 1B 1H	2G 4S	1G 3S 2H	2G 4S
Rank	11 th	19 th	8 th	14 th	8 th
International Chemistry Olympiad					
Host Country	England	Japan	Turkey	U.S.A.	Russia
No. of Participants	67 Countries	68 Countries	70 Countries	72 Countries	73 Countries
Medals	4G	2G 2S	3S 1B	3G 1S	3G 1S
Rank	1 st	4 th	8 th	2 nd	1 st
International Physics Olympiad					
Host Country	Mexico	Croatia	Thailand	Estonia	Copenhagen
No. of Participants	68 Countries	82 Countries	84 Countries	82 Countries	83 Countries
Medals	3G 2S	5G	5G	5G	3G 2S
Rank	4 th	3 rd	1 st	2 nd	...
International Informatics Olympiad					
Host Country	Bulgaria	Canada	Thailand	Italy	Australia
No. of Participants	83 Countries	84 Countries	82 Countries	82 Countries	80 Countries
Medals	2G 2S	1G 3S	3G 1S	3S 1B	1G 2B
Rank	Nil	Nil	Nil	Nil	Nil
International Biology Olympiad					
Host Country	Japan	Korea	Taiwan	Singapore	Switzerland
No. of Participants	56 Countries	60 Countries	58 Countries	59 Countries	62 Countries
Medals	2G 2S	4G	4G	3G 1S	1G 3S
Rank	4 th	3 rd	2 nd	3 rd	7 th
International Earth Science Olympiad					
Host Country	Taiwan	Indonesia	Italy	Argentina	...
No. of Participants	14 Countries	19 Countries	26 Countries	17 Countries	...
Medals	4G	3G 1S	3G 1S	3G 1S	...
Rank	1 st	1 st	1 st	1 st	...
International Junior Science Olympiad					
Host Country	Azerbaijan	Nigeria	South Africa	Iran	...
No. of Participants	45 Countries	33 Countries	40 Countries	27 Countries	...
Medals	4G 2S	4G 2S	6G	6G	...
Rank	2 nd	1 st	1 st	1 st	...

G= Gold, S=Silver, B=Bronze, and H= Honorary award

Annual Papers and Rank by Nationality in SCI

Country	2008		2009		2010		2011		2012	
	No. of theses	Rank	No. of theses	Rank	No. of theses	Rank	No. of theses	Rank	No. of theses	Rank
U.S.A.	345,483	1	345,248	1	338,985	1	354,486	1	408,703	1
China	113,742	2	128,164	2	135,415	2	157,545	2	182,199	2
England	92,792	3	94,041	3	92,956	3	97,834	3	113,387	3
Germany	87,958	4	90,069	4	88,451	4	93,541	4	107,608	4
Japan	79,878	5	79,234	5	72,860	5	76,099	5	85,893	5
France	64,992	6	65,722	6	63,645	6	66,283	6	74,311	6
Italy	50,754	8	52,075	8	51,413	8	53,476	8	64,789	7
Canada	54,163	7	56,343	7	54,808	7	57,263	7	63,646	8
Spain	42,396	9	44,683	9	44,693	9	49,095	9	56,422	9
S. Korea	35,662	12	38,776	12	39,834	11	44,718	11	51,680	10
Taiwan	22,756	16	24,521	16	23,829	16	26,648	16	27,178	17

Annual Papers and Rank by Nationality in EI

Country	2008		2009		2010		2011		2012	
	No. of theses	Rank	No. of theses	Rank	No. of theses	Rank	No. of theses	Rank	No. of theses	Rank
China	137,153	1	174,307	1	206,099	1	251,977	1	235,930	1
U.S.A.	101,130	2	99,235	2	123,774	2	128,389	2	112,952	2
Japan	37,154	3	41,297	3	44,097	3	45,864	3	39,158	3
Germany	26,327	4	29,273	4	32,515	4	36,185	4	33,064	4
India	17,891	9	20,820	8	25,040	6	31,693	5	31,159	5
S.Korea	20,515	7	21,850	7	24,339	8	27,150	7	26,188	6
England	23,738	5	24,172	5	26,709	5	28,285	6	25,736	7
France	21,484	6	22,383	6	24,366	7	26,437	8	24,077	8
Italy	16,390	11	17,249	11	19,049	11	20,358	11	19,524	9
Canada	17,940	8	18,826	10	20,129	10	21,023	10	19,024	10
Taiwan	17,483	10	18,869	9	20,302	9	22,819	9	18,269	12