

# 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
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	465.2	20,057	98.2
2012	23.3	14.6	74.2	11.2	76.4	82.8	475.3	20,423	98.3
2013	23.4	14.3	74.2	11.5	...	...	489.3	20,958	98.4

## Summary of Education at All Levels

SY 2013-2014

Unit : Person

	No. of Schools (school)	No. of Teachers	No. of Classes (class)	No. of Students	No. of Graduates in 2012	No. of Students Per 1,000 Population
Total	11,428	303,118	106,305	4,859,814	1,171,790	208.26
Preschool	6,560	45,296	-	448,189	-	19.21
Primary School	2,650	97,450	54,641	1,297,120	275,346	55.59
Jr. High School	738	52,451	27,645	831,930	284,579	35.65
Sr. High School	344	37,842	9,973	393,321	128,840	16.85
Sr. Voca. School	155	17,045	8,883	360,491	111,933	15.45
Jr. College	14	1,741	-	101,659	18,075	4.36
Uni. & College	150	48,315	-	1,244,562	292,288	53.33
Special Edu. Sch.	28	1,816	640	6,746	2,004	0.29
Supp. & Cont. Sch.	787	1,086	4,523	163,257	57,254	7.00
Open University	2	76	-	12,539	2,471	0.54

## 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
2008-09	95.52	89.35	100.70	97.74	99.36	96.83	99.11	91.42	83.18	64.44
2009-10	95.25	89.43	101.40	98.01	98.84	97.47	99.12	92.45	82.17	65.38
2010-11	95.60	89.55	99.68	97.97	101.80	97.45	98.89	92.89	83.77	66.71
2011-12	95.45	89.76	100.37	97.88	101.02	97.52	99.11	93.12	83.37	68.42
2012-13	95.55	89.84	101.44	97.79	99.67	97.82	98.33	93.22	84.43	69.71
2013-14	95.19	89.79	99.52	97.70	99.32	97.84	101.12	93.37	83.88	70.41

## 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	Junior College	College	University	Special Edu. School
1976-77	29.90	32.66	36.04	25.94	23.16	22.70	20.00	16.22	11.42	6.65
1981-82	27.25	26.10	31.79	22.97	22.99	22.50	20.79	11.92	13.53	5.24
1991-92	24.22	15.83	27.20	21.23	22.29	21.28	19.35	11.38	14.82	3.72
2001-02	19.71	12.44	18.60	15.67	19.41	19.18	20.56	20.17	19.60	3.58
2006-07	19.30	10.60	17.86	15.70	19.29	18.41	21.01	18.63	19.93	3.79
2008-09	18.76	10.69	16.74	15.08	18.91	19.01	23.65	18.81	20.47	3.96
2009-10	18.49	10.77	16.07	14.90	18.73	19.08	26.13	19.35	21.03	4.11
2010-11	18.18	12.57	15.26	14.31	18.58	18.69	26.74	19.81	21.25	3.91
2011-12	17.90	12.72	14.78	13.74	18.53	18.29	27.69	21.10	21.52	3.83
2012-13	16.59	10.21	14.09	13.00	18.29	17.83	28.34	21.32	21.86	3.77
2013-14	16.03	9.89	13.31	12.50	17.82	17.30	29.70	22.15	21.92	3.72

### Overseas Students in R.O.C.

Unit : Person

Year / School Year	2008	2009	2010	2011	2012	2013
Total	33,065	39,042	44,776	57,166	66,026	78,261
Subtotal of International Students	30,067	34,285	37,177	41,885	44,527	49,033
Studying for a Degree	6,258	7,764	8,801	10,059	11,554	12,597
Overseas Compatriot Students	11,426	12,840	13,562	14,045	15,204	17,055
International Exchange	1,732	2,069	2,259	3,301	3,871	3,871
Studying Mandarin Chinese	10,651	11,612	12,555	14,480	13,898	15,510
Subtotal of Overseas Chinese Students	2,998	4,757	7,599	15,281	21,499	29,228
Mainland China Students (Studying for a degree)	-	-	-	928	1,864	3,554
Mainland China Students (to take short-term courses or attend meeting)	1,321	2,888	5,316	11,227	15,590	21,233
Short-term Courses	1,258	1,307	1,604	2,265	3,163	3,163
Overseas Compatriot Youth Technical Training Classes	419	562	562	679	882	1,278

### 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
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	27,076	20,481	6,595	465,187	5.82	4.40	1.42
2012	28,070	20,992	7,078	475,257	5.91	4.42	1.49
2013	28,123	20,594	7,530	489,256	5.75	4.21	1.54

### Reading, Math and Science Scores of 15-year-olds on the PISA 2012

Rank	Reading			Rank	Mathematics			Rank	Science		
	Country	Mean	SD		Country	Mean	SD		Country	Mean	SD
1	Shanghai-China	570	80	1	Shanghai-China	613	101	1	Shanghai-China	580	82
2	Hong Kong-China	545	85	2	Singapore	573	105	2	Hong Kong-China	555	83
3	Singapore	542	101	3	Hong Kong-China	561	96	3	Singapore	551	104
4	Japan	538	99	4	Taiwan	560	116	4	Japan	547	96
5	S.Korea	536	87	5	S.Korea	554	99	5	Finland	545	93
6	Finland	524	95	6	Macao	538	94	6	Estonia	541	80
7	Ireland	523	86	7	Japan	536	94	7	S.Korea	538	82
8	Taiwan	523	91	8	Liechtenstein	535	95	8	Viet Nam	528	77
9	Canada	523	92	9	Switzerland	531	94	9	Poland	526	86
10	Poland	518	87	10	Netherlands	523	92	13	Taiwan	523	83

SD: standard deviation

### Trends in International Mathematics and Science Study 2011

Rank	Eighth Grade Science			Eighth Grade Mathematics			Fourth Grade Science			Fourth Grade Mathematics		
	Country	Mean	SD	Country	Mean	SD	Country	Mean	SD	Country	Mean	SD
1	Singapore	590	4.3	S.Korea	613	2.9	S.Korea	587	2.0	Singapore	606	3.2
2	Taiwan	564	2.3	Singapore	611	3.8	Singapore	583	3.4	S.Korea	605	1.9
3	S.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

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

Year	2010	2011	2012	2013	2014
<b>Total</b>	26G 14S 9B 10H	27G 15S 6B 3H	28G 12S 6B 5H	26G 12S 9B 3H	...
Asian Pacific Mathematics Olympiad	1G 2S 4B 3H	1G 2S 4B 3H	1G 2S 4B 3H	1G 2S 4B 3H	...
Asia Physics Olympiad	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank
	Taiwan 16 Countries 5G 1S 4B 6H A team 1 <sup>st</sup> B team 4 <sup>th</sup>	Israel 16 Countries 3G 4S 1B 2 <sup>nd</sup>	India 21 Countries 6G 1S 1B 2 <sup>nd</sup>	Indonesia 20 Countries 5G 3B 4 <sup>th</sup>	Singapore 27 Countries 1G 5S 2B 3 <sup>rd</sup>
International Mathematics Olympiad	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank
	Kazakhstan 96 Countries 1G 3S 1B 1H 19 <sup>th</sup>	Netherlands 101 Countries 2G 4S 8 <sup>th</sup>	Argentina 100 Countries 1G 3S 2H 14 <sup>th</sup>	Colombia 97 Countries 2G 4S 8 <sup>th</sup>	South Africa 101 Countries 4G 2B 3 <sup>rd</sup>
International Chemistry Olympiad	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank
	Japan 68 Countries 2G 2S 4 <sup>th</sup>	Turkey 70 Countries 3S 1B 8 <sup>th</sup>	U.S.A. 72 Countries 3G 1S 2 <sup>nd</sup>	Russia 73 Countries 3G 1S 1 <sup>st</sup>	Vietnam 75 Countries 2G 2S 2 <sup>nd</sup>
International Physics Olympiad	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank
	Croatia 82 Countries 5G 3 <sup>rd</sup>	Thailand 84 Countries 5G 1 <sup>st</sup>	Estonia 82 Countries 5G 2 <sup>nd</sup>	Denmark 83 Countries 3G 2S 6 <sup>th</sup>	Kazakhstan 85 Countries 5G 2 <sup>nd</sup>
International Informatics Olympiad	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank
	Canada 84 Countries 1G 3S Nil	Thailand 82 Countries 3G 1S Nil	Italy 82 Countries 3S 1B Nil	Australia 80 Countries 1G 2B Nil	R.O.C. 81 Countries 1G 3S Nil
International Biology Olympiad	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank
	S.Korea 60 Countries 4G 3 <sup>rd</sup>	Taiwan 58 Countries 4G 2 <sup>nd</sup>	Singapore 59 Countries 3G 1S 3 <sup>rd</sup>	Switzerland 62 Countries 2G 2S 5 <sup>th</sup>	Indonesia 64 Countries 4G 1 <sup>st</sup>
International Earth Science Olympiad	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank
	Indonesia 19 Countries 3G 1S 1 <sup>st</sup>	Italy 26 Countries 3G 1S 1 <sup>st</sup>	Argentina 17 Countries 3G 1S 1 <sup>st</sup>	India 27 Countries 3G 1S 1 <sup>st</sup>	...
International Junior Science Olympiad	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank	Host Country No. of Participants Medals Rank
	Nigeria 33 Countries 4G 2S 1 <sup>st</sup>	South Africa 40 Countries 6G 1 <sup>st</sup>	Iran 27 Countries 6G 1 <sup>st</sup>	India 48 Countries 6G 1 <sup>st</sup>	...

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

### Annual Papers and Rank by Nationality in SCI

Country	2009		2010		2011		2012		2013	
	No. of theses	Rank	No. of theses	Rank	No. of theses	Rank	No. of theses	Rank	No. of theses	Rank
U.S.A.	341,576	1	349,723	1	361,686	1	354,269	1	315,358	1
China	126,409	2	139,216	2	162,510	2	178,716	2	207,965	2
Germany	88,005	4	91,089	4	95,348	4	95,192	4	90,696	3
England	92,838	3	96,096	3	99,996	3	99,237	3	87,875	4
Japan	76,611	5	75,332	5	77,021	5	74,401	5	73,810	5
France	64,226	6	65,255	6	67,128	6	65,685	6	64,659	6
Italy	51,418	8	52,475	8	54,917	8	55,121	8	56,451	7
Canada	55,292	7	56,704	7	58,523	7	57,920	7	53,393	8
India	39,645	10	42,736	10	46,566	10	45,639	12	48,878	9
Spain	43,865	9	46,242	9	50,412	9	51,058	9	48,509	10
Taiwan	23,784	16	24,863	16	27,197	16	26,360	16	24,860	16

### Annual Papers and Rank by Nationality in EI

Country	2009		2010		2011		2012		2013	
	No. of theses	Rank	No. of theses	Rank	No. of theses	Rank	No. of theses	Rank	No. of theses	Rank
China	174,307	1	206,099	1	251,977	1	255,120	1	250,110	1
U.S.A.	99,235	2	123,774	2	128,389	2	131,732	2	158,758	2
Germany	29,273	4	32,515	4	36,185	4	37,851	4	49,948	3
Japan	41,297	3	44,097	3	45,864	3	45,512	3	48,638	4
England	24,172	5	26,709	5	28,285	6	29,164	6	40,668	5
France	22,383	6	24,366	7	26,437	8	27,196	8	38,659	6
India	20,820	8	25,040	6	31,693	5	36,189	5	37,661	7
S.Korea	21,850	7	24,339	8	27,150	7	28,887	7	32,557	8
Italy	17,249	11	19,049	11	20,358	11	21,810	10	29,434	9
Canada	18,826	10	20,129	10	21,023	10	21,848	9	27,246	10
Taiwan	18,869	9	20,302	9	22,819	9	20,729	11	20,975	12