



KEMENTERIAN
PENDIDIKAN
MALAYSIA



QUICK FACTS | 2017

Quick FACTS | 2017

Malaysia Educational Statistics



KEMENTERIAN
PENDIDIKAN
MALAYSIA

Educational Planning and Research Division
MINISTRY OF EDUCATION MALAYSIA



Quick **FACTS** 2017

Malaysia Educational Statistics

With Best Compliments

Educational Planning and Research Division
MINISTRY OF EDUCATION MALAYSIA





QUICK FACTS 2017

MALAYSIA EDUCATIONAL STATISTICS

ISSN : 1985-6407

JULY 2017

Published by :
Educational Data Sector
Educational Planning and Research Division
Ministry of Education Malaysia
Level 1-4, Block E8,
Government Complex Parcel E,
Federal Government Administrative Centre,
62604 Putrajaya



PREFACE

DIRECTOR

Educational Planning and Research Division
Ministry of Education Malaysia

The Educational Planning and Research Division (EPRD), Ministry of Education is pleased to present Quick Facts 2017 which is the latest edition in a series of statistical publications produced for the past seventeen years. This pocket-sized compilation of statistical information covers data on pre-primary to post-secondary level. The Quick Facts series are designed as an easy reference for decision-makers to make better judgements based on concrete information. Furthermore, it helps policy makers plan and develop policies to address pertinent issues and monitor the attainment of education goals.

Quick Facts 2017 includes data and information from both government and private agencies. It provides information on the number of schools, enrolment, teachers, educational outcomes and finance. In addition, this publication also includes indicators on education, economics, and demographics.

Unlike the previous publications, we have expanded the scope of Quick Facts 2017 by including new tables on attainment in vocational examination (Sijil Vokasional Malaysia); the country's performance in international assessment such as PISA and TIMSS; and Malaysia's performance on selected indicators in international competitiveness report.

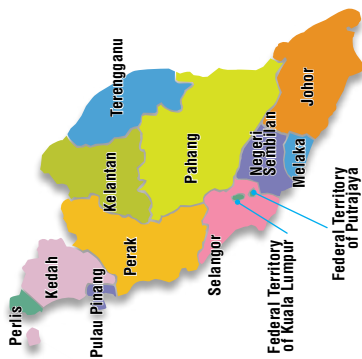
We would like to thank all the divisions in the Ministry of Education and other agencies that have contributed data and information for this publication.

Finally, I would like to congratulate all those involved in publishing a comprehensive statistical publication such as the Quick Facts 2017.

DATO' SULAIMAN BIN WAK



MALAYSIA : BASIC INFORMATION



Land Area	: 329,900 sq km
i. Peninsular Malaysia	: 131,800 sq km
ii. Sabah	: 73,700 sq km
iii. Sarawak	: 124,400 sq km

MALAYSIA : BASIC INFORMATION

Capital City	: Kuala Lumpur
Population 2016 ^e ('000)	
Malaysia	: 31,660.7
i. Peninsular Malaysia	: 25,008.6
ii. Sabah	: 3,813.2
iii. Sarawak	: 2,741.0
iv. W.P. Labuan	: 97.8
Population Growth Rate (%)	: 1.5
Life Expectancy at Birth	: (Male) 72.6 (Female) 77.2
Age Structure	: 0 - 5 years - 3,139.4 : 6 - 14 years - 4,623.9 : 15 - 59 years - 20,941.7 : > 60 years and above - 2,955.7
Language	: Bahasa Melayu (Official Language) : English (Second Language)
Time	: 8 hours ahead of GMT
Official Name	: Federation of Malaysia
Form of State	: Federated Constitutional Monarchy
Head of State	: DYMM Seri Paduka Baginda Yang di-Pertuan Agong XV : Sultan Muhammad V Ibni Sultan Ismail Petra
Head of Government	: Prime Minister (Y.A.B Dato' Sri Mohd Najib bin Tun Haji Abdul Razak)
Minister of Education	: Y.B. Dato' Seri Mahdzir Bin Khalid

Note : ^e - estimate
The added total may differ due to rounding
Source : Department of Statistics, Malaysia (DOSM)



CONTENTS

PREFACE	3
MALAYSIA : BASIC INFORMATION	4-5
CONTENTS	6-9
GENERAL INFORMATION	10
 PRE-SCHOOL	
A. MOE Pre-Schools	
Table 1.1 Number of Pre-schools, Classes, Teachers and Enrolment in Pre-Schools (2015-2017)	10
B. Other Agencies	
Table 1.2 Number of Pre-Schools, Classes, Teachers and Enrolment in Private Institutions and Institutions Under Other Government Agencies (2017)	10
 SCHOOLS - PRIMARY	
A. MOE Primary Schools	
Table 2.1 Number of Primary Schools (2015-2017)	11
Table 2.2 Number of Classes in Primary Schools (2015-2017)	12
B. Other Agencies	
Table 2.3 Number of Primary Schools in Private Institutions (2017)	13
Table 2.4 Number of Primary Schools in Institutions Under Other Government Agencies (2017)	12
 SCHOOLS - SECONDARY	
A. MOE Secondary Schools	
Table 2.5 Number of Secondary Schools (2015-2017)	14
Table 2.6 Number of Classes in Secondary Schools (2015-2017)	15
B. Other Agencies	
Table 2.7 Number of Secondary Schools in Private Institutions (2017)	16
Table 2.8 Number of Secondary Schools in Institutions Under Other Government Agencies (2017)	16
Table 2.9 Number of Private Institutions With Two Levels (Primary and Secondary) (2017)	16
 ENROLMENT - PRIMARY	
A. MOE Primary Schools	
Table 3.1 Enrolment at Primary Level by Type of Schools (2015-2017)	17
Table 3.2 Enrolment at Primary Level by Grade and Gender (2015-2017)	18
B. Other Agencies	
Table 3.3 Enrolment at Primary Level in Private Institutions (2017)	18
Table 3.4 Enrolment at Primary Level in Institutions Under Other Government Agencies (2017)	18

ENROLMENT - SECONDARY**A. MOE Secondary Schools**

Table 3.5	Enrolment at Secondary Level by Type of Schools (2015-2017)	19
Table 3.6	Enrolment at Secondary Level by Grade, Academic Streams and Gender (2015-2017)	20

B. Other Agencies

Table 3.7	Enrolment at Secondary Level in Private Institutions (2017)	21
Table 3.8	Enrolment at Secondary Level in Institutions Under Other Government Agencies (2017)	21
Table 3.9	Enrolment in Private Institutions with Two Levels (Primary and Secondary) (2017)	21

MATRICULATION

Table 3.10	Matriculation : Number of Colleges, Academic Personnel and Enrolment Level (2014 - 2016)	21
------------	--	----

SPECIAL EDUCATION

Table 4.1	Enrolment in Special Education Schools by Grade and Gender (2015-2017)	22
Table 4.2	Number of Classes, Enrolment and Teachers in Special Education Integration Programme (2015-2017)	22
Table 4.3	Enrolment in Special Education Integration Programme by Grade (2015-2017)	23

TEACHERS - PRIMARY**A. MOE Primary Schools**

Table 5.1	Number of Teachers at Primary Level by Type of Training (2017)	24
Table 5.2	Number and Percentage of Teachers at Primary Level by Gender (2015 - 2017)	24
Table 5.3	Number of Teachers at Primary Level by Gender and Age Group (2017)	25

B. Other Agencies

Table 5.4	Number of Teachers at Primary Level in Private Institutions (2017)	25
Table 5.5	Number and Percentage of Teachers at Primary Level in Institutions Under Other Government Agencies (2017)	25

TEACHERS - SECONDARY**A. MOE Secondary Schools**

Table 5.6	Number of Teachers at Secondary Level by Type of Training (2017)	26
Table 5.7	Number and Percentage of Teachers at Secondary Level by Gender (2015 - 2017)	26
Table 5.8	Number of Teachers at Secondary Level by Gender and Age Group (2017)	27

B. Other Agencies

Table 5.9	Number of Teachers at Secondary Level in Private Institutions (2017)	27
Table 5.10	Number of Teachers at Secondary Level in Institutions Under Other Government Agencies (2017)	28
Table 5.11	Number of Teachers at Private Institutions with Two Levels (Primary and Secondary) (2017)	28





PUBLIC EXAMINATIONS

Table 6.1	Primary School Achievement Test (UPSR) (2014-2016)	29
Table 6.2	Malaysian Certificate of Education (SPM) (2014-2016)	29
Table 6.3	Malaysian Certificate of Education (SPM) for Private Candidates (2014-2016)	30
Table 6.4	Malaysian Vocational Certificate (SVM) (2014-2016)	30
Table 6.5	Malaysian Higher School Certificate (STPM) (2014-2016)	31
Table 6.6	Malaysian Higher School Certificate (STPM) for Private Candidates (2014-2016)	31
Table 6.7	Malaysian Higher Religious Education Certificate (STAM) (2014-2016)	32
Table 6.8	Malaysian Higher Religious Education Certificate (STAM) for Private Candidates and Candidates from Other Government Agencies (2014-2016)	32

TEACHER EDUCATION

Table 7.1	Number of Institutions, Academic Personnel, Non Academic and Enrolment in Institutes of Teacher Education (ITE) (2015-2017)	33
Table 7.2	Enrolment and Academic Personnel in Institutes of Teacher Education (2017)	33

TERTIARY EDUCATION - HIGHER EDUCATION SECTOR

Table 8.1	Number of Public Universities and Enrolment	34
Table 8.2	Entrants, Enrolment and graduates at Public University by Fields of Study and Gender	34
Table 8.3	Percentage and Ratio of Students at Public Higher Education Institutes by Gender	35
Table 8.4	Enrolment and Percentage of International Students at Public Higher Education Institutes	35
Table 8.5	Enrolment and Percentage of Graduates at Public Higher Education Institutes	35
Table 8.6	Student and Academic Staff Ratio at Public Higher Education Institutes	35

EDUCATIONAL EXPENDITURE

Table 9.1	Percentage of Actual Total Educational Expenditure Against Total Government Expenditure (2015-2017)	36
Table 9.2	Actual Educational Capital and Recurrent Expenditure at Current Price (2015-2017)	36
Table 9.3	Percentage of Actual Educational Capital and Recurrent Expenditure (2015-2017)	36
Table 9.4	Actual Educational Recurrent Expenditure by Category (2015-2017)	36
Table 9.5	Percentage of Recurrent Educational Expenditure by Category (2015-2017)	36

ECONOMIC INDICATORS

Table 10.1	Economic Indicators (2015 - 2017)	37
------------	-----------------------------------	----

DEMOGRAPHIC INDICATORS

Table 11.1	Population by Age Group (2015 - 2016)	38
Table 11.2	Population by State (2015 - 2016)	38
Table 11.3	Population by Region and Strata (2015 - 2016)	39
Table 11.4	Population by Strata (2015 - 2016)	39
Table 11.5	Birth, Death and Total Fertility Rate (2014 - 2016)	39
Table 11.6	Literacy Rate (2014-2016)	39

	MALAYSIA EDUCATION INDICATORS	
Table 12.1	Enrolment Rates (2014-2016)	40
Table 12.2	Transition Rates: Primary to Lower Secondary and Lower Secondary to Upper Secondary Level (2014-2016)	40
Table 12.3	Pupil-Teacher Ratio (2014-2016)	40
Table 12.4	Average Class Size (Pupils per Class) (2014-2016)	40
Table 12.5	Average School Size (Pupils per School) (2014-2016)	41
Table 12.6	Percentage of Teachers in Primary Schools by Gender and Age Group (2016-2017)	41
Table 12.7	Percentage of Teachers in Secondary Schools by Gender and Age Group (2016-2017)	41
	WORLD EDUCATION INDICATORS	
Table 13.1	UIS Indicators – (Malaysia) Enrolment by Level of Education - Enrolment by ISCED Level	42
Table 13.2	Gross Enrolment Ratio : Primary and Secondary Education	42
Table 13.3	Transition Rate: Primary and Secondary Education (%)	42
Table 13.4	Female Participation in Education (%)	42
Table 13.5	Pupil-Teacher Ratio	43
Table 13.6	School Life Expectancy	43
Table 13.7	Educational Attainment of the Population Aged 25 Years and Older	43
Table 13.8	Public Expenditure on Education (Public Expenditure per Student as a % of GDP per capita)	44
Table 13.9	Adult and Youth Literacy	44
Table 13.10	Public Expenditure as Percentage of GDP (%)	44
Table 13.11	Expenditure per Student in USD	44
	MALAYSIA IN INTERNATIONAL ASSESSMENTS	
Table 14.1	Programme for International Student Assessment (PISA)	45
Table 14.2	Trends in International Mathematics and Science Study (TIMSS)	46
	MALAYSIA IN INTERNATIONAL COMPETITIVENESS REPORTS	
Table 15.1	UN E-Government Survey (Human Capital Index)	47
Table 15.2	Global Innovation Index (Human Capital & Research)	47
Table 15.3	The Global Competitiveness Report	48
Table 15.4	World Competitiveness Yearbook (Education)	48
	ABBREVIATIONS AND SYMBOLS	49

GENERAL INFORMATION

Number of Schools, Enrolment and Teachers (2017)

	Schools	Enrolment			Teachers		
		Male	Female	Total	Male	Female	Total
Pre-school *	6,092	101,355	99,894	201,249	1,070	8,171	9,083
Primary **	7,776	1,371,644	1,302,318	2,673,962	71,349	168,004	239,353
Secondary **	2,411	1,042,207	1,056,826	2,099,033	54,454	128,698	183,152
TOTAL	10,187	2,413,851	2,359,144	4,772,995	125,803	296,702	422,505

- Note : 1. Data only covers educational institutions under MOE
 2. Total excludes pre-school
 3. Data enrolment as of 31st January 2017
 Source : * National Information System for Pre-school (SMPK - Data as of 31st January 2017)
 ** APDM

1. PRE-SCHOOL

A) MOE Pre-schools

Table 1.1 Number of Pre-schools, Classes, Teachers and Enrolment in Pre-Schools (2015-2017)

	2015*	2016*	2017*
Pre-schools	6,056	6,075	6,092
Classes	9,113	9,195	9,272
Teachers	9,039	9,087	9,083
Enrolment	198,574	200,522	201,249

Source : * National Information System for Pre-school (SMPK - Data as of 31st January)

B) Other Agencies

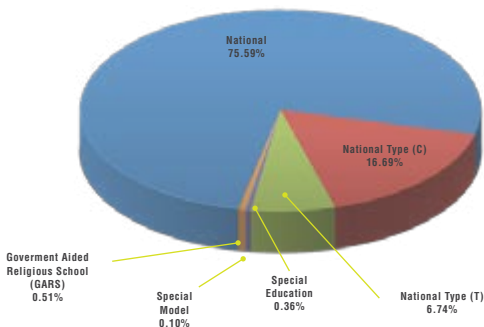
Table 1.2 Number of Pre-Schools, Classes, Teachers and Enrolment in Private Institutions and Institutions Under Other Government Agencies (2017)

Agency	Pre-Schools	Classes	Teachers*	Enrolment
ABIM	224	553	727	8,761
JAIN	738	1,716	2,055	32,343
PERPADUAN	1,781	1,781	3,467	38,065
KEMAS	8,629	11,229	22,301	218,286
Private	7,374	27,946	34,344	329,251
TOTAL	18,746	43,225	62,894	626,706

Note : * Including Teacher Assistants
 Source : ABIM, JAKIM, PERPADUAN, KEMAS, Private Education Division, MOE (Data as of 31st January 2017)

2. SCHOOLS - PRIMARY

Percentage of MOE Primary Schools (2017)



A) MOE Primary Schools

Type of Schools	2015*			2016**			2017**		
	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total
National	1,415	4,457	5,872	1,416	4,461	5,877	1,331	4,547	5,878
National Type (C)	513	782	1,295	515	782	1,297	502	796	1,298
National Type (T)	145	379	524	145	379	524	137	387	524
Special Education	20	8	28	20	8	28	20	8	28
Special Model (K9)	0	7	7	0	7	7	0	8	8
Government Aided Religious School (GARS)	16	20	36	16	20	36	15	25	40
TOTAL	2,109	5,653	7,762	2,112	5,657	7,769	2,005	5,771	7,776

Note : * Data as of 31st May 2015

** Data as of 31st January

Source : Educational Planning and Research Division

2. SCHOOLS - PRIMARY

Percentage of MOE Primary Schools (2017)

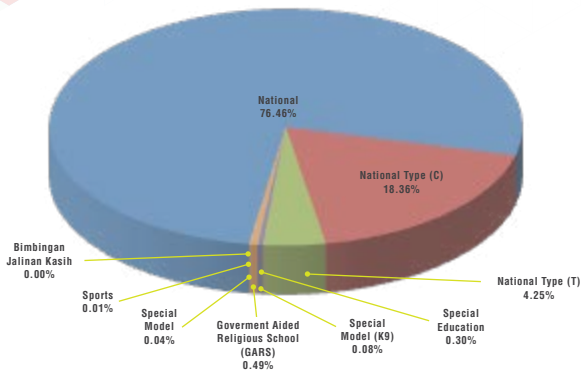


Table 2.2 Number of Classes in Primary Schools (2015-2017)

Type of Schools	2015*	2016**	2017**
National	79,997	79,994	80,104
National Type (C)	19,273	19,234	19,239
National Type (T)	4,534	4,498	4,455
Special Education	340	327	314
Special Model (K9)	72	74	80
Government Aided Religious School (GARS)	510	486	515
Special Model	47	46	46
Sports	2	6	6
Bimbingan Jalanan Kasih	3	3	3
TOTAL	104,778	104,668	104,762

Note : 1. Excluding pre-school classes

2. Special Model (K9) - Primary school with secondary level from Form 1 to 3

3. Special Model - Secondary school with primary level from Year 4 to 6

Source : * Educational Planning and Research Division (EMIS-Data as of 31st January 2015)

** School Management Division (Data as 31st January 2017)

Table 2.3 Number of Primary Schools in Private Institutions (2017)

Type of Schools	2017
Academic Primary	65
International Primary	4
Religious Primary	49
TOTAL	118

Note : Data as of 31st January 2017
Source : Private Education Division, MOE

Table 2.4 Number of Primary Schools in Institutions Under Other Government Agencies (2017)

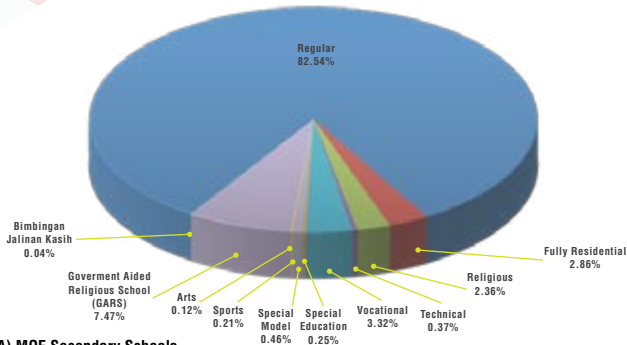
Type of Schools	2017
People Religious Primary School (SRAR)	58
State Religious Primary School (SRAN)	15
TOTAL	73

Note : Data as of 31st January 2017
Source : JAKIM



2. SCHOOLS - SECONDARY

Percentage of MOE Secondary Schools (2017)



A) MOE Secondary Schools

Table 2.5 Number of Secondary Schools (2015-2017)

Type of Schools	2015*			2016**			2017**		
	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total
Regular	985	992	1,977	986	998	1,984	943	1,047	1,990
Fully Residential	41	28	69	41	28	69	34	35	69
Religious	28	29	57	28	29	57	27	30	57
Technical	8	1	9	8	1	9	8	1	9
Vocational College	48	32	80	48	32	80	45	35	80
Special Education	5	0	5	5	0	5	5	1	6
Special Model	3	8	11	3	8	11	3	8	11
Sports	4	0	4	4	0	4	4	1	5
Arts	3	0	3	3	0	3	3	0	3
Government Aided Religious School (GARS)	59	122	181	59	122	181	54	126	180
Bimbingan Jalanan Kasih	1	0	1	1	0	1	1	0	1
TOTAL	1,185	1,212	2,397	1,186	1,218	2,404	1,127	1,284	2,411

Note : * Data as of 31st May 2015

** Data as of 31st January

Source : Educational Planning and Research Division

2. SCHOOLS - SECONDARY

Percentage of Classes in MOE Secondary Schools (2017)

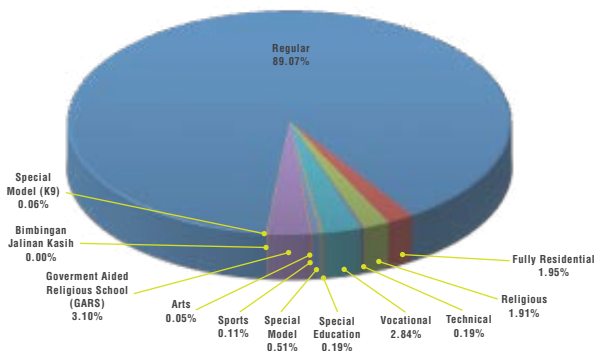


Table 2.6 Number of Classes in Secondary Schools (2015-2017)

Type of Schools	2015	2016	2017
Regular	72,912	72,262	70,777
Fully Residential	1,647	1,617	1,547
Religious	1,566	1,553	1,517
Technical	212	199	154
Vocational College	1,960	2,538	2,257
Special Education	138	141	152
Special Model	426	440	409
Sports	76	80	89
Arts	36	39	41
Government Aided Religious School (GARS)	2,424	2,456	2,464
Bimbingan Jalanan Kasih	3	2	2
Special Model (K9)	44	48	50
TOTAL	81,444	81,375	79,459

- Note :
1. Excluding primary classes in Special Model School
 2. Special Model (K9) - Primary school with secondary level from Form 1 to 3
 3. Special Model - Secondary school with primary level from Year 4 to 6
- Source : School Management Division (Data as of 31st January 2017)

Table 2.7 Number of Secondary Schools in Private Institutions (2017)

Type of Schools	2017
Academic Secondary	70
Chinese Independent Secondary Schools	60
Religious Secondary	31
Correspondence Secondary School	2
TOTAL	163

Note : Data as of 31st January 2017
Source : Private Education Division, MOE

Table 2.8 Number of Secondary Schools in Institutions Under Other Government Agencies (2017)

Type of Schools	2017
People Religious Secondary School (SMAR)	100
State Religious Secondary School (SMAN)	72
MARA Junior Science Colleges (MJSC)	52
Royal Military College (RMC)	1
TOTAL	225

Note : Data as of 31st January 2017
Source : JAKIM; MARA; Royal Military College

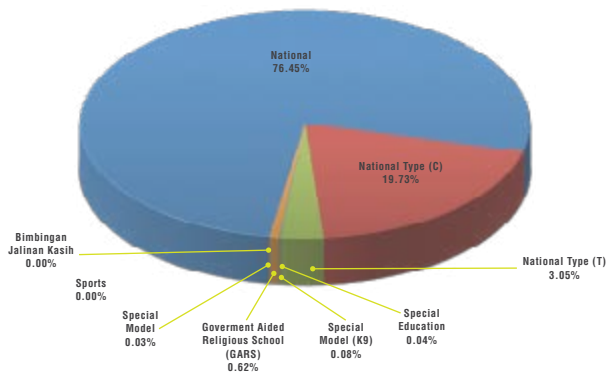
Table 2.9 Number of Private Institutions With Two Levels (Primary and Secondary) (2017)

Type of Schools	2017
Expatriate	13
International	112
Special Education	12
TOTAL	137

Note : Data as of 31st January 2017
Source : Private Education Division, MOE

3. ENROLMENT - PRIMARY

Percentage of Enrolment in MOE Primary Schools (2017)



A) MOE Primary Schools

Type of Schools	2015	2016	2017
National	2,029,658	2,039,229	2,044,299
National Type (C)	550,519	542,406	527,453
National Type (T)	85,473	83,343	81,483
Special Education	1,273	1,178	1,185
Special Model (K9)	2,138	2,148	2,187
Government Aided Religious School (GARS)	15,823	15,738	16,453
Special Model	857	822	798
Sports	11	33	28
Bimbingan Jalanan Kasih	60	76	76
TOTAL	2,685,812	2,684,973	2,673,962

- Note :
1. Excluding pre-school enrolment
 2. Special Model (K9) - Primary school with secondary level from Form 1 to 3
 3. Special Model - Secondary school with primary level from Year 4 to 6
 4. Including enrolment of Year 4 to Year 6 students in Special Model and Sports School
 5. Enrolment in Year 1 to Year 6 includes pupils in Special Education Integration Programme (SEIP)

Source : School Management Division (APDM - Data as of 31st January 2017)

3. ENROLMENT - PRIMARY

Percentage of Enrolment in Primary Level by Gender (2017)

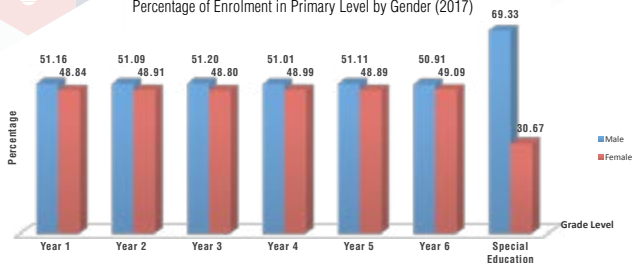


Table 3.2 Enrolment at Primary Level by Grade and Gender (2015-2017)

Grade Level	2015			2016			2017		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Year 1	231,036	219,130	450,166	230,769	220,396	451,165	225,116	214,909	440,025
Year 2	225,904	215,544	441,448	230,605	219,179	449,784	230,617	220,779	451,396
Year 3	223,953	212,523	436,476	224,934	215,090	440,024	229,653	218,912	448,565
Year 4	223,417	214,030	437,447	222,227	211,830	434,057	222,987	214,180	437,167
Year 5	227,332	217,432	444,764	222,019	213,423	435,442	220,624	211,072	431,696
Year 6	227,613	217,539	445,152	225,987	216,820	442,807	220,559	212,696	433,255
Special Education	23,398	12,120	35,518	21,652	10,042	31,694	22,088	9,770	31,858
TOTAL	1,382,653	1,308,318	2,690,971	1,378,193	1,306,780	2,684,973	1,371,644	1,302,318	2,673,962

Note : 1. Excluding pre-school enrolment
2. Including enrolment of Year 4 to Year 6 in Special Model Schools and Sports Schools
Source : School Management Division (APDM - Data as of 31st January)

Table 3.3 Enrolment at Primary Level in Private Institutions (2017)

Type of Schools	Male	Female	Total
Academic Primary	7,252	6,068	13,320
International Primary	679	649	1,328
Religious Primary	13,057	10,522	23,579
TOTAL	20,988	17,239	38,227

Note : Data as of 31st January 2017
Source : Private Education Division, MOE

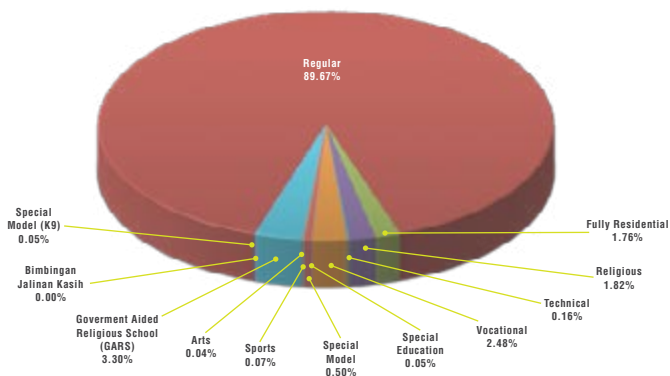
Table 3.4 Enrolment at Primary Level in Institutions Under Other Government Agencies (2017)

Type of Schools	Male	Female	Total
People Religious Primary School (SRAR)	12,075	9,472	21,547
State Religious Primary School (SRAN)	4,846	5,130	9,976
TOTAL	16,921	14,602	31,523

Note : Data as of 31st January 2017
Source : JAKIM

3. ENROLMENT - SECONDARY

Percentage of Enrolment in MOE Secondary Schools (2017)



A) MOE Secondary Schools

Table 3.5 Enrolment at Secondary Level by Type of Schools (2015-2017)

Type of Schools	2015	2016	2017
Regular	2,000,736	1,914,924	1,884,012
Fully Residential	41,612	39,079	36,956
Religious	40,293	38,694	38,221
Technical	5,557	4,803	3,371
Vocational College	51,223	62,786	52,033
Special Education	835	886	1,062
Special Model	11,141	10,703	10,551
Sports	1,383	1,479	1,492
Arts	732	818	897
Government Aided Religious School (GARS)	69,513	69,924	69,244
Bimbingan Jalanan Kasih	27	36	39
Special Model (K9)	1,146	1,166	1,155
TOTAL	2,224,198	2,145,298	2,099,033

Note : Excluding pre-school enrolment in secondary schools
Source : School Management Division (APDM - Data as of 31st January)

Table 3.6 Enrolment at Secondary Level by Grade, Academic Streams and Gender (2015-2017)

Grade	2015			2016			2017		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Lower Secondary									
Special Education	14,715	8,366	23,081	18,201	8,955	27,156	18,556	9,012	27,568
Remove Class	17,112	8,438	25,550	13,949	8,247	22,196	10,538	5,289	15,827
Form 1	206,317	202,364	408,681	200,380	195,999	396,379	200,977	199,120	400,097
Form 2	209,317	206,605	415,922	202,324	200,314	402,638	195,948	193,557	389,505
Form 3	214,948	218,714	433,662	204,654	204,517	409,171	197,142	198,167	395,309
TOTAL	662,409	644,487	1,306,896	639,508	618,032	1,257,540	623,161	605,145	1,228,306
Upper Secondary									
Form 4	187,682	198,879	386,561	193,562	208,123	401,685			
Form 4 Special Education	na	na	na	na	na	na	234	202	436
Form 4 Arts	na	na	na	na	na	na	116,318	105,593	221,911
Form 4 Science	na	na	na	na	na	na	37,528	55,428	92,956
Form 4 Religious	na	na	na	na	na	na	375	464	839
Form 4 Vocational/Technology	na	na	na	na	na	na	22,502	28,689	51,191
Form 4 Vocational	na	na	na	na	na	na	11,117	6,483	17,600
Form 4 Technical	na	na	na	na	na	na	372	365	737
Year 1 Vocational College	10,212	6,274	16,486	9,758	5,287	15,045	3,742	1,760	5,502
Year 1 Skills Training (NVTC)	na	na	na	na	na	na	50	19	69
TOTAL	197,894	205,153	403,047	203,320	213,410	416,730	192,238	199,003	391,241
Form 5	180,768	196,460	377,228	181,296	195,967	377,263			
Form 5 Special Education	na	na	na	na	na	na	255	204	459
Form 5 Arts	na	na	na	na	na	na	109,345	106,536	215,881
Form 5 Science	na	na	na	na	na	na	37,195	56,150	93,345
Form 5 Religious	na	na	na	na	na	na	225	324	549
Form 5 Vocational/Technology	na	na	na	na	na	na	23,930	32,669	56,599
Form 5 Vocational	na	na	na	na	na	na	10,157	6,321	16,478
Form 5 Technical	na	na	na	na	na	na	1,202	1,043	2,245
Year 2 Vocational College	10,581	5,741	16,322	9,884	6,168	16,052	9,905	5,474	15,379
Year 2 Skills Training (NVTC)	na	na	na	na	na	na	683	230	913
Short / Special Skill Course	na	na	na	na	na	na	...	...	0
TOTAL	191,349	202,201	393,550	191,180	202,135	393,315	192,897	208,951	401,848
Post-Secondary									
Form 6 Lower	19,279	39,660	58,939	296	513	809			
Arts	na	na	na	na	na	na	...	...	0
Science	na	na	na	na	na	na	...	...	0
Religious	na	na	na	na	na	na	700	1,164	1,864
Year 3 Vocational College	9,603	5,309	14,912	10,079	5,569	15,648	9,389	5,961	15,350
Year 3 Vocational College MPV	na	na	na	na	na	na	...	...	0
Year 1 Pre-university	na	na	na	na	na	na	79	36	115
Form 6 Upper	14,206	29,973	44,179	14,906	32,002	46,908			
Form 6 Upper Special Education	na	na	na	na	na	na	0	0	0
Arts	na	na	na	na	na	na	11,840	27,782	39,622
Science	na	na	na	na	na	na	2,472	3,393	5,865
Religious	na	na	na	na	na	na	15	21	36
Year 2 Pre-university	na	na	na	na	na	na	57	26	83
Year 4 Vocational College	1,979	696	2,675	9,153	5,195	14,348	9,359	5,344	14,703
Total	45,067	75,638	120,705	34,434	43,279	77,713	33,911	43,727	77,638
TOTAL	1,096,719	1,127,479	2,224,198	1,068,442	1,076,856	2,145,298	1,042,207	1,056,826	2,099,033

- Note : 1. Including enrolment of Form 1 to 3 in Comprehensive Special Model (K9) Schools
 2. Excluding pre-school students in secondary schools
 3. Data for Form 6 Lower is not available (...) as Form 6 begins in May, except for students who are taking STAM in religious school.
- Source : School Management Division (APDM - Data as of 31st January)

B) Other Agencies

Table 3.7 Enrolment at Secondary Level in Private Institutions (2017)

Type of Schools	Male	Female	Total
Academic Secondary	8,609	6,957	15,566
Chinese Independent Secondary Schools	43,557	40,595	84,152
Religious Secondary	5,589	4,558	10,147
Correspondence Secondary School	0	0	0
TOTAL	57,755	52,110	109,865

Note : Data as of 31st January 2017
Source : Private Education Division, MOE

Table 3.8 Enrolment at Secondary Level in Institutions Under Other Government Agencies (2017)

Type of Schools	Male	Female	Total
People Religious Secondary School (SMAR)	14,610	12,134	26,744
State Religious Secondary School (SMAN)	16,723	21,773	38,496
MARA Junior Science Colleges (MJSC)	12,715	16,029	28,744
Royal Military College (RMC)	507	0	507
TOTAL	44,555	49,936	94,491

Note : Data as of 31st January 2017
Source : JAKIM, MARA, Royal Military College

Table 3.9 Enrolment in Private Institutions with Two Levels (Primary and Secondary) (2017)

Type of Schools	Male	Female	Total
Expatriate	2,347	2,234	4,581
International	29,978	26,396	56,374
Special Education	572	347	919
TOTAL	32,897	28,977	61,874

Note : Data as of 31st January 2017
Source : Private Education Division, MOE

Table 3.10 Matriculation : Number of Colleges, Academic Personnel and Enrolment Level (2014 - 2016)

	2014*	2015**	2016**
Number of Matriculation Colleges	15	15	15
Number of Academic Personnel	2,411	2,695	2,725
% Female	68.15	64.16	64.37
Total Enrolment	26,262	22,252	20,463
% Female	71.21	72.13	70.42

Note : * Data as of 31st December 2014
** Data as of 31st January
Source : Matriculation Division, MOE

4 : SPECIAL EDUCATION

Table 4.1 Enrolment in Special Education Schools by Grade and Gender (2015-2017)

Grade	2015			2016			2017		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Primary									
CFLD	135	75	210	82	43	125	88	37	125
Pre-school	67	51	118	60	44	104	60	37	97
Year 1	96	91	187	101	112	213	82	89	171
Year 2	80	52	132	78	55	133	86	86	172
Year 3	82	77	159	97	60	157	77	61	138
Year 4	79	67	146	110	82	192	98	64	162
Year 5	92	70	162	93	77	170	99	89	188
Year 6	132	95	227	102	74	176	91	76	167
TOTAL	763	578	1,341	733	547	1,270	681	539	1,220
Secondary									
CFLD	0	0	0	0	0	0	0	0	0
Form 1	30	25	55	33	19	52	23	15	38
Form 2	30	38	68	37	32	69	38	26	64
Form 3	28	18	46	29	39	68	36	26	62
Form 4	66	63	129	77	94	171	26	34	60
Form 5	51	61	112	156	117	273	26	11	37
TOTAL	205	205	410	332	301	633	149	112	261
Secondary - Vocational Programme									
Year 1	21	36	57	56	34	90	228	179	407
Year 2	57	31	88	25	37	62	221	190	411
Year 3	43	23	66	37	25	62	0	0	0
TOTAL	121	90	211	118	96	214	449	369	818
Post Secondary									
Form 6 Upper	0	1	1	1	1	2	0	0	0
TOTAL	0	1	1	1	1	2	0	0	0
GRAND TOTAL	1,089	874	1,963	1,174	945	2,119	1,279	1,020	2,299

Note : CFLD - Class for Learning Disabilities (Students with learning disabilities and unable to learn with other students)
Source : Special Education Division, MOE

Table 4.2 Number of Classes, Enrolment and Teachers in Special Education Integration Programme (2015-2017)

	2015			2016			2017		
	Pre-school	Primary	Secondary	Pre-school	Primary	Secondary	Pre-school	Primary	Secondary
Class	165	5,039	3,529	168	5,024	3,874	206	3,048	2,518
Enrolment	656	30,051	25,860	678	29,810	26,696	1122	27,231	21,745
Teacher	163	7,767	4,704	168	7,768	4,928	204	8,083	5,308

Note : Special Education Integration Programme refers to a programme for students with disabilities in regular schools
Source : Special Education Division, MOE

Table 4.3 Enrolment in Special Education Integration Programme by Grade (2015-2017)

Grade	2015*	2016	2017
Primary			
CFLD	28,379	17,160	29,336
Year 1	101	3,326	153
Year 2	86	2,626	100
Year 3	103	2,298	233
Year 4	108	2,012	443
Year 5	91	1,395	410
Year 6	210	993	414
TOTAL	29,078	29,810	31,089
Secondary			
CFLD	22,962	21,498	23,678
Remove	na	na	43
Form 1	283	1,083	319
Form 2	244	1,092	350
Form 3	312	1,080	301
Form 4	172	976	322
Form 5	248	948	289
TOTAL	24,221	26,677	25,302
Post Secondary			
Form 6 (Lower)	0	0	0
Form 6 (Upper)	19	19	22
Total	19	19	22
GRAND TOTAL *	53,318	56,506	56,413
Partial Inclusion	1,357	4,239	13,081
Full Inclusion	9,798	12,531	12,315
TOTAL INCLUSIVE	11,155	16,770	25,396
Preschool	656	678	1,122

Note : 1. Inclusive - Students with Special Educational Needs (SEN) studying in regular classrooms together with mainstream students.

2. *Grand Total of Students with SEN includes enrolment in full inclusive programme.

3. Inclusive Programme comprises students of SEN enrolled in full and partial inclusive education.

Source : Special Education Division, MOE

5 : TEACHERS - PRIMARY

A) MOE Primary Schools

Table 5.1 Number of Teachers at Primary Level by Type of Training (2017)

Type of Schools	Graduate	Non-Graduate	Untrained	Total
National	122,012	67,497	337	189,846
National Type (C)	20,944	16,272	658	37,874
National Type (T)	5,031	4,174	40	9,245
Special Education	582	239	13	834
Government Aided Religious School - Primary (GARS)	635	546	98	1,279
Special Model (Primary)	210	62	3	275
TOTAL	149,414	88,790	1,149	239,353

- Note :
1. Graduates - Teachers who have a degree
 2. Non-Graduates - Teachers who have a teaching certificate/diploma
 3. Untrained - include contract teachers
- Data do not include :
- (i) Teachers seconded to semi-government agencies, state religious schools, and other agencies;
 - (ii) Teachers on study leave with full-pay or half-pay; and
 - (iii) Teachers in common posts pending re-deployment.

Source : Data as of 31st January 2017

Table 5.2 Number and Percentage of Teachers at Primary Level by Gender (2015 - 2017)

Gender	2015*	%	2016**	%	2017**	%
Male	72,198	29.90	71,826	29.88	71,349	29.81
Female	169,339	70.10	168,593	70.12	168,004	70.19
TOTAL	241,537	100.00	240,419	100.00	239,353	100.00

Source : * School Management Division (Data as of 31st May)
 ** School Management Division (Data as of 31st January)

Table 5.3 Number of Teachers at Primary Level by Gender and Age Group (2017)										
Age Group	<25	25-29	30-34	35-39	40-44	45-49	50-54	55-59	≥60	TOTAL
Male	1633	7,938	10,800	15,315	10,848	10,754	9,287	4,762	12	71,349
Female	2,524	16,342	30,398	38,921	28,382	24,769	20,207	6,455	6	168,004
TOTAL	4,157	24,280	41,198	54,236	39,230	35,523	29,494	11,217	18	239,353

Source : School Management Division (Data as of 31st January 2017)

B) Other Agencies

Table 5.4 Number of Teachers at Primary Level in Private Institutions (2017)	
Type of Schools	2017
Academic Primary	1,043
International Primary	149
Religious Primary	1,565
TOTAL	2,757

Note : Data as of 31st January 2017
Source : Private Education Division, MOE

Table 5.5 Number and Percentage of Teachers at Primary Level in Institutions Under Other Government Agencies (2017)	
Type of Schools	2017
People Religious Primary School (SRAR)	1,534
State Religious Primary School (SRAN)	694
TOTAL	2,228

Note : Data as of 31st January 2017
Source : State Religious Department

A) MOE Secondary Schools

Table 5.6 Number of Teachers at Secondary Level by Type of Training (2017)

Type of Schools	Graduate	Non-Graduate	Untrained	Total
Regular	152,527	4,905	382	157,814
Fully Residential	4,131	33	65	4,229
Religious	3,628	84	130	3,842
Technical	551	7	5	563
Vocational College	7,089	686	301	8,076
Special Education	383	8	7	398
Special Model	1004	46	3	1,053
Sports	345	13	4	362
Art	142	3	26	171
Government Aided Religious School(GARS)	4,939	704	985	6,628
Bimbingan Jalinan Kasih	16	0	0	16
TOTAL	7,089	686	301	183,152

- Note :
1. Graduates - Teachers who have a degree
 2. Non-Graduates - Teachers who have a teaching certificate/diploma
 3. Untrained - include contract teachers
 4. Data do not include :
 - (i) Teachers seconded to semi-government agencies, state religious schools, and other agencies;
 - (ii) Teachers on study leave with full-pay or half-pay; and
 - (iii) Teachers in common posts pending re-deployment.
- Source : Data as of 31st January 2017

Table 5.7 Number and Percentage of Teachers at Secondary Level by Gender (2015 - 2017)

Gender	2015*	%	2016**	%	2017**	%
Male	54,858	30.06	54,527	30.03	54,454	29.73
Female	127,616	69.94	127,071	69.97	128,698	70.27
TOTAL	182,474	100.00	181,598	100.00	183,152	100.00

- Source : *
- School Management Division (Data as of 31st May)
 - ** School Management Division (Data as of 31st January)

Table 5.8 Number of Teachers at Secondary Level by Gender and Age Group (2017)										
Age Group	<25	25-29	30-34	35-39	40-44	45-49	50-54	55-59	≥60	TOTAL
Male	114	4,964	8,170	7,669	8,027	10,044	10,242	5,159	65	54,454
Female	443	14,242	28,141	23,471	20,482	20,879	15,829	5,190	21	128,698
TOTAL	557	19,206	36,311	31,140	28,509	30,923	26,071	10,349	86	183,152

Source: School Management Division (Data as of 31st January 2017)

Table 5.9 Number of Teachers at Secondary Level in Private Institutions (2017)	
Type of Schools	2017
Academic Secondary	1,235
Chinese Independent Secondary Schools	4,118
International Secondary	-
Religious Secondary	941
Correspondence Secondary School	0
TOTAL	6,294

Note : Data as of 31st January 2017

Source : Private Education Division, MOE

Table 5.10 Number of Teachers at Secondary Level in Institutions Under Other Government Agencies (2017)

Type of Schools	2017
People Religious Secondary School (SMAR)	2,004
State Religious Secondary School (SMAN)	2,960
MARA Junior Science Colleges (MJSC)	3,551
Royal Military College (RMC)	56
TOTAL	8,571

Note : Data as of 31st January 2017
Source : JAKIM, MARA, Royal Military College

Table 5.11 Number of Teachers at Private Institutions with Two Levels (Primary and Secondary) (2017)

Type of Schools	2017
Expatriate	731
International	5,042
Special Education	143
TOTAL	5,916

Note : Data as of 31st January 2017
Source : Private Education Division, MOE

6 : PUBLIC EXAMINATIONS

Table 6.1 Primary School Achievement Test (UPSR) (2014-2016)

Table 6.1(a) Primary School Achievement Test (UPSR) (2014-2015)

	2014	2015
Numbered of Registered Candidates	463,937	446,511
Number of Candidates Present	460,409	443,407
Number of Candidates with Minimum Competency Level*	308,130	294,145
% of Candidates with Minimum Competency Level	66.93	66.34
Number of Candidates with all 'A's**	36,310	38,344
% of Candidates with all 'A's	7.89	8.65
National Average Grade	2.29	2.27

Note : * Candidates obtaining grades A, B or C in all subjects taken i.e. five subjects for National Schools and seven subjects for National Type (C) and (T) Schools.

** A total of 5'A's for candidates in National Schools and 7'A's for candidates in National Type (C) and (T) School.

Source : Examinations Syndicate, MOE

Table 6.1(b) Primary School Achievement Test (UPSR) (2016)

	2016
Number of Registered Candidates	443,677
Number of Candidates Present	440,151
Number of Candidates with Minimum Competency Level *	292,689
% of Candidates with Minimum Competency Level	66.50
Number of Candidates with all 'A's **	4,896
% of Candidates with all 'A's	1.11
National Average Grade	2.96

Note : * Candidates obtaining grades A, B, C or D in all subjects taken i.e. six subjects for National Schools and eight subjects for National Type (C) and (T) Schools.

** A total of 6'A's for candidates in National Schools and 8'A's for candidates in National Type (C) and (T) School.

Source : Examinations Syndicate, MOE

Table 6.2 Malaysia Certificate of Education (SPM) (2014-2016)

	2014	2015	2016
Number of Registered Candidates *	400,267	378,861	376,007
Number of Candidates Present	394,601	373,418	369,923
Number of Passes **	334,729	316,506	313,667
% of Passes	84.83	84.76	84.79
Number of Candidates with all 'A's	9,438	8,108	7,165
% of Candidates with all 'A's	2.39	2.17	1.94

Note : * Only candidates from Government Schools, Government-Aided Schools and Government-Aided Religious Schools

** Data includes only those who have taken ≥ 6 subjects
Students qualify for a certificate, provided they have a minimum pass (Grade E)

in both Bahasa Melayu and Sejarah

Source : Examinations Syndicate, MOE

Table 6.3 Malaysia Certificate of Education (SPM) for Private Candidates (2014-2016)

	2014	2015	2016
Number of Registered Candidates	35,287	36,005	36,556
Number of Candidates Present	34,402	35,073	35,485
Number of Passes **	29,995	30,175	30,163
% of Passes	87.19	86.03	85.00
Number of Candidates with all 'A's	1,851	1,613	1,482
% of Candidates with all 'A's	5.38	4.60	4.18

Note : * Candidates include students enrolled in private schools, institutions under other government agencies, and private candidates.

** Data includes only those who have taken ≥ 6 subjects
Students qualify for a certificate, provided they have a minimum pass (Grade E) in both Bahasa Melayu and History

Source : Examinations Syndicate, MOE

Table 6.4 Malaysia Vocational Certificate (SVM) (2014-2016)

Year / Cohort	Cohort 2012 Session 2	Cohort 2013 Session 1	Cohort 2013 Session 2	Cohort 2014 Session 1	Cohort 2014 Session 2	Cohort 2015 Session 1
Number of Registered Candidates	170	15,461	672	17,187	463	17,099

	Year / Session qualify for SVM					
	2014	2014	2015	2015	2016	2016
	Session 1	Session 2	Session 1	Session 2	Session 1	Session 2
Number of Candidates Present*	170	15,450	672	17,068	463	17,081
Number of Passes **	169	14,497	612	15,848	419	15,741
% of Passes	99.41	93.83	91.07	92.85	90.50	92.16

Note : * Candidates that attempt at least 1 subject in semester 4

** Candidates qualify for a certificate by fulfilling the requirements below:

1. Minimum grade E in 1104 - Bahasa Melayu
2. Minimum 2.00 in Academic CGPA
3. Competent all vocational module
4. Minimum 2.67 in Vocational CGPA

Source : Examinations Syndicate, MOE

Table 6.5 Malaysian Higher School Certificate (STPM) (2014-2016)

	2014	2015	2016
Number of Registered Candidates	48,615	45,515	47,110
Number of Candidates Present	42,854	41,987	43,235
Number of Passes (based on the minimum CGPA of 2.0)	35,932	35,562	37,475
% of Passes (based on the minimum CGPA of 2.0)	83.85	84.70	86.68
Number of Passes (minimum full pass for one subject)	41,915	40,995	42,547
% of Passes (minimum full pass for one subject)	97.81	97.64	98.41

Source : Malaysian Examination Council, MOE

Table 6.6 Malaysian Higher School Certificate (STPM for Private Candidates (2014-2016)

	2014	2015	2016
Number of Registered Candidates	708	618	572
Number of Candidates Present	519	443	380
Number of Passes (based on the minimum CGPA of 2.0)	324	262	223
% of Passes (based on the minimum CGPA of 2.0)	62.43	59.14	58.68
Number of Passes (minimum full pass for one subject)	450	366	317
% of Passes (minimum full pass for one subject)	86.71	82.62	83.42

Source : Malaysian Examination Council, MOE.

Table 6.7 Malaysian Higher Religious Education Certificate (STAM) (2014-2016)

	2014	2015	2016
Number of Registered Candidates*	1,961	2,130	2,110
Number of Candidates Present	1,555	1,793	1,813
Number of Passes	1,123	1,290	1,348
% of Passes	72.22	71.95	74.35
National Average Grade	3.03	2.98	2.88

Note : * Only candidates from Government Schools and Government-Aided Religious Schools
 Source : Examination Syndicate, MOE

Table 6.8 Malaysia Higher Religious Education Certificate (STAM) for Private Candidates and Candidates from Other Government Agencies (2014-2016)

Year	SMAN			SMAR			PRIVATE SCHOOL			PRIVATE CANDIDATES		
	2014	2015	2016	2014	2015	2016	2014	2015	2016	2014	2015	2016
Number of Registered Candidates	5,098	4,703	4,617	676	705	680	33	25	108	152	155	178
Number of Candidates Present	3,754	3,672	3,808	577	605	611	33	24	99	116	119	136
Number of Passes	2,426	2,622	2,639	209	243	226	23	8	31	42	48	56
% of Passes	64.62	71.41	69.30	36.22	40.17	36.99	69.70	33.33	31.31	36.21	40.34	41.18
National Average Grade	3.16	2.99	3.00	3.86	2.77	3.82	3.03	3.78	3.84	3.65	3.55	3.46

Note : * Data for private candidates include those who have registered for STAM for the first time with 10 compulsory subjects.
 Source : Examinations Syndicate, MOE

7: TEACHER EDUCATION

Table 7.1 Number of Institutions, Academic Personnel, Non Academic and Enrolment in Institutes of Teacher Education (ITE) (2015-2017)

	2015	2016	2017
Number of Institutes of Teacher Education	27	27	27
Academic Personnel	2,954	3,107	3,025
% Female	45.94	48.44	45.58
Total Enrolment	30,650	24,661	13,576
% Female	71.25	71.40	73.60

Note : Data as of 31st January 2017
Source : Institute of Teacher Education Malaysia, MOE

Table 7.2 Enrolment and Academic Personnel in Institutes of Teacher Education (2017)

Institute of Teacher Education	Enrolment			Academic Personnel		
	M	F	Total	M	F	Total
1 IPG Kampus Perlis, Perlis	171	350	521	66	42	108
2 IPG Kampus Darul Aman, Kedah	224	522	746	87	65	152
3 IPG Kampus Sultan Abdul Halim, Kedah	136	448	584	82	65	147
4 IPG Kampus Pulau Pinang, Pulau Pinang	174	457	631	56	70	126
5 IPG Kampus Tuanku Bainun, Pulau Pinang	153	430	583	91	62	153
6 IPG Kampus Ipoh, Perak	110	648	758	125	81	206
7 IPG Kampus Bahasa Melayu, WP Kuala Lumpur	219	380	599	37	60	97
8 IPG Kampus Bahasa Antarabangsa, WP Kuala Lumpur	124	361	485	34	54	88
9 IPG Kampus Ilmu Khas, WP Kuala Lumpur	171	324	495	58	102	160
10 IPG Kampus Pendidikan Islam, Selangor	254	474	728	69	89	158
11 IPG Kampus Pendidikan Teknik, Negeri Sembilan	119	151	270	51	77	128
12 IPG Kampus Raja Melewar, Negeri Sembilan	166	690	856	74	78	152
13 IPG Kampus Perempuan Melayu, Melaka	2	294	296	65	75	140
14 IPG Kampus Tun Hussein Onn, Johor	148	502	650	72	65	137
15 IPG Kampus Temenggong Ibrahim, Johor	152	554	706	65	53	118
16 IPG Kampus Tengku Ampuan Afzan, Pahang	111	395	506	66	29	95
17 IPG Kampus Dato' Razali Ismail, Terengganu	183	363	546	76	35	111
18 IPG Kampus Sultan Mizan, Terengganu	114	205	319	97	23	120
19 IPG Kampus Kota Bharu, Kelantan	97	211	308	103	48	151
20 IPG Kampus Gaya, Sabah	116	292	408	40	39	79
21 IPG Kampus Kent, Sabah	135	347	482	42	30	72
22 IPG Kampus Tawau, Sabah	100	231	331	28	14	42
23 IPG Kampus Keningau, Sabah	84	198	282	32	13	45
24 IPG Kampus Batu Lintang, Sarawak	105	334	439	46	40	86
25 IPG Kampus Sarawak, Sarawak	41	211	252	20	19	39
26 IPG Kampus Rajang, Sarawak	61	219	280	19	17	36
27 IPG Kampus Tun Abdul Razak, Sarawak	113	402	515	45	34	79
TOTAL	3,583	9,993	13,576	1,646	1,379	3,025

Note : IPGM - Institut Pendidikan Guru Malaysia (Institute of Teacher Education Malaysia)
Data as of 31st January 2017
Source : Institute of Teacher Education, MOE

8: TERTIARY EDUCATION - HIGHER EDUCATION SECTOR

Table 8.1 Number of Public Universities and Enrolment

Public Universities			Enrolment
1	Universiti Malaya	UM	26,176
2	Universiti Sains Malaysia	USM	29,518
3	Universiti Kebangsaan Malaysia	UKM	31,464
4	Universiti Putra Malaysia	UPM	29,833
5	Universiti Teknologi Malaysia	UTM	29,967
6	Universiti Utara Malaysia	UUM	28,570
7	Universiti Islam Antarabangsa Malaysia	UIAM	31,443
8	Universiti Malaysia Sarawak	UNIMAS	16,757
9	Universiti Malaysia Sabah	UMS	18,932
10	Universiti Pendidikan Sultan Idris	UPSI	19,138
11	Universiti Teknologi MARA	UiTM	165,028
12	Universiti Sultan Zainal Abidin	UniSZA	10,963
13	Universiti Malaysia Terengganu	UMT	11,284
14	Universiti Sains Islam Malaysia	USIM	14,500
15	Universiti Tun Hussein Onn Malaysia	UTHM	17,503
16	Universiti Teknikal Malaysia Melaka	UTeM	12,647
17	Universiti Malaysia Pahang	UMP	10,777
18	Universiti Malaysia Perlis	UniMAP	13,932
19	Universiti Malaysia Kelantan	UMK	9,983
20	Universiti Pertahanan Nasional Malaysia	UPNM	3,634
TOTAL			532,049

Note : Data as of 31st October 2016

Source : Planning, Research and Policy Coordination Division, Ministry of Higher Education

Table 8.2 Entrants, Enrolment and Graduates at Public University by Fields of Study and Gender

Fields of Study		Entrants			Enrolment			Graduate		
		M	F	T	M	F	T	M	F	T
1	Education	2,308	6,335	8,643	9,805	24,299	34,104	2,788	9,216	12,004
2	Arts and Humanities	5,403	10,204	15,607	17,684	32,999	50,683	3,026	5,149	8,175
3	Social Sciences, Business and Law	17,218	39,845	57,063	53,956	116,962	170,918	10,632	24,148	34,780
4	Science, Mathematics and Computer	9,107	17,168	26,275	29,035	53,683	82,718	4,828	8,919	13,747
5	Engineering, Manufacturing and Construction	20,142	16,507	36,649	68,757	57,787	126,544	12,431	10,160	22,591
6	Agriculture and Veterinary	1,984	2,777	4,761	6,045	8,429	14,474	983	1,405	2,388
7	Health and Welfare	2,344	6,381	8,725	9,168	24,674	33,842	1,495	4,078	5,573
8	Services	2,675	3,767	6,442	7,144	10,783	17,927	1,256	1,763	3,019
9	General Programmes	263	561	824	245	594	839	0	2	2
TOTAL		61,444	103,545	164,989	201,839	330,210	532,049	37,439	64,840	102,279

Note : Data as of 31st October 2016

Source : Planning, Research and Policy Coordination Division, Ministry of Higher Education

Table 8.3 Percentage and Ratio of Students at Public Higher Education Institutes by Gender

Male		Female		Enrolment	Student Ratio Male to Female
Number	%	Number	%		
201,839	37.94	330,210	62.06	532,049	1 : 1.6

Source : Planning, Research and Policy Coordination Division, Ministry of Higher Education

Table 8.4 Enrolment and Percentage of International Students at Public Higher Education Institutes

Local Student	%	International Student	%	Total
506,226	95.15	25,823	4.85	532,049

Source : Planning, Research and Policy Coordination Division, Ministry of Higher Education

Table 8.5 Enrolment and Percentage of Graduates at Public Higher Education Institutes

Undergraduate	%	Postgraduate	%	Total
435,413	81.84	96,636	18.16	532,049

Note : 1. Undergraduate includes Postgraduate Diploma, Degree, Diploma, Matriculation, Professional, Pre Diploma, Certificate & Pre Session
2. Postgraduate includes Masters and Ph.D

Source : Planning, Research and Policy Coordination Division, Ministry of Higher Education

Table 8.6 Student and Academic Staff Ratio at Public Higher Education Institutes

Academic Staff (A)*	Enrolment (B)**	Ratio (A:B)
31,712	532,049	1:16.8

Note : * Academic Staff - data as of 31st December 2016

** Enrolment - data as of 31st October 2016

Source : Planning, Research and Policy Coordination Division, Ministry of Higher Education

9 : EDUCATIONAL EXPENDITURE

Table 9.1 Percentage of Actual Total Educational Expenditure Against Total Government Expenditure (2015-2017)

	Percentage (%)		
	2015	2016	2017
Educational Expenditure to Government Expenditure	15.61	*	16.74

Note : * Federal Government Financial Statements for year 2016 have not been tabled in parliament.
Source : Finance Division, MOE

Table 9.2 Actual Educational Capital and Recurrent Expenditure at Current Price (2015-2017)

	RM (Millions)		
	2015	2016	2017
Capital	1,216	1,393	1,097
Recurrent Expenditure	39,336	39,614	42,892
TOTAL	40,552	41,007	43,989

Source : Finance Division, MOE

Table 9.3 Percentage of Actual Educational Capital and Recurrent Expenditure (2015-2017)

	Percentage (%)		
	2015	2016	2017
Capital	3.00	3.39	2.49
Recurrent Expenditure	97.00	96.61	97.51

Source : Finance Division, MOE

Table 9.4 Actual Educational Recurrent Expenditure by Category (2015-2017)

Category	RM (Millions)		
	2015	2016	2017
Emolument	29,764.62	33,208.92	35,906.55
Service & Supply	5,018.30	2,936.03	3,593.45
Asset	474.36	77.60	137.86
Fixed Charges & Grants	4,079.15	3,391.26	3,254.07
Other Expenditure	0.00	0.02	0.00
	39,336.43	39,613.83	42,891.93

Source : Finance Division, MOE

Table 9.5 Percentage of Recurrent Educational Expenditure by Category (2015-2017)

Category	Percentage (%)		
	2015	2016	2017
Emolument	75.67	83.83	83.71
Services & Supply	12.76	7.41	8.38
Asset	1.21	0.2	0.32
Fixed Charges & Grants	10.37	8.56	7.59
Other Expenditure	0.00	0.00	0.00

Source : Finance Division, MOE

10. ECONOMIC INDICATORS

Table 10.1 Economic Indicators (2015 - 2017)

	2015	2016	2017 ^f
GDP: Real Growth Rate (%)	5.00	4.20	4.00-5.00
GNP: Per Capita (USD)	9,238	9,096	9,707
GDP Composition by Sector (% of growth)	2015	2016	2017^f
Agriculture, forestry and fishing	1.20	-5.10	1.50
Mining and quarrying	4.70	2.70	1.40
Manufacturing	4.90	4.40	4.10
Construction	8.20	7.40	8.30
Services (including government services)	5.10	5.60	5.70
	2015	2016	2017^f
Inflation Rate [CPI] (%)	2.1	2.1	2.0-3.0
Federal Government Finance (RM juta)	2015	2016¹	2017^f
Revenue	219,089	212,595 ^f	219,726
Operating Expenditure	216,998	207,126 ^f	214,800
Development Expenditure	40,768	45,000 ^f	46,000
Employment by Sector (% of share)	2015	2016^e	2017^f
Agriculture, forestry and fishing	11.70	11.50	11.20
Mining and quarrying	0.60	0.60	0.60
Manufacturing	17.90	17.90	17.90
Construction	8.90	8.70	8.60
Services	61.00	61.30	61.70
	2015	2016^e	2017^f
Unemployment rate (%)	3.10	3.50	3.20
	2015	2016^e	2017^f
Labour Force (million persons)	14.20	14.60	14.90

Note :

^f Forecast

^e Estimate

^r Revised

¹ Economic Report 2016/2017

Source :

Ministry of Finance (MOF) , Bank Negara Malaysia, Economic Planning Unit and Department of Statistics

11. DEMOGRAPHIC INDICATORS

Table 11.1 Population by Age Group (2015 - 2016)

Age Group	2015*		2016 ^e	
	(Number in Millions)		(Number in Millions)	
	Number	Percentage	Number	Percentage
0-3	2.10	6.72	2.11	6.67
4-5	1.00	3.22	1.03	3.25
6-11	3.06	9.82	3.03	9.58
12-14	1.61	5.17	1.59	5.03
15-16	1.10	3.53	1.12	3.54
17-18	1.15	3.68	1.15	3.62
19-23	3.17	10.17	3.18	10.04
24-29	3.79	12.15	3.86	12.19
30-39	4.89	15.68	5.04	15.92
40-49	3.63	11.63	3.66	11.57
50-59	2.86	9.19	2.93	9.26
60-69	1.75	5.61	1.83	5.77
70-79	0.78	2.50	0.82	2.60
80+	0.29	0.94	0.31	0.97
TOTAL	31.19	100.00	31.66	100.00

- Note :
1. Mid-Year Population Estimates were based on the adjusted Population and Housing Census of Malaysia 2010
 2. The added total may differ due to rounding
 3. e - estimate
 4. * Data for 2015 have been revised by DOSM

Source : Department of Statistics, Malaysia (DOSM)

Table 11.2 Population by State (2015 - 2016)

State	2015*		2016 ^e	
	(Number in Millions)		(Number in Millions)	
	Number	Percentage	Number	Percentage
Johor	3.61	11.58	3.66	11.54
Kedah	2.10	6.72	2.12	6.70
Kelantan	1.76	5.65	1.80	5.68
Melaka	0.89	2.85	0.90	2.85
N. Sembilan	1.09	3.49	1.10	3.47
Pahang	1.61	5.16	1.63	5.14
Perak	2.47	7.91	2.48	7.84
Perlis	0.25	0.80	0.25	0.79
P. Pinang	1.70	5.45	1.72	5.43
Selangor	3.72	11.93	3.81	12.04
Terengganu	2.70	8.66	2.74	8.66
Sabah	6.18	19.81	6.30	19.89
Sarawak	1.16	3.72	1.18	3.74
WP Kuala Lumpur	1.78	5.71	1.79	5.64
WP Labuan	0.10	0.30	0.10	0.31
WP Putrajaya	0.08	0.27	0.08	0.26
TOTAL	31.19	100.00	31.66	100.00

- Note :
1. Mid-Year Population Estimates were based on the adjusted Population and Housing Census of Malaysia 2010
 2. The added total may differ due to rounding
 3. e - estimate
 4. * Data for 2015 have been revised by DOSM

Source : Department of Statistics, Malaysia (DOSM)

Table 11.3 Population by Region and Strata (2015 - 2016)

REGION	2015*		2016 ^e	
	Urban	Rural	Urban	Rural
Peninsular Malaysia	19.39	5.28	19.81	5.20
Sabah & W.P Labuan	2.24	1.58	2.30	1.61
Sarawak	1.54	1.16	1.58	1.16
TOTAL	23.17	8.01	23.69	7.97

- Note : 1. Mid-Year Population Estimates were based on the adjusted Population and Housing Census of Malaysia 2010
 2. The added total may differ due to rounding
 3. e - estimate
 4. * Data for 2015 have been revised by DOSM

Source : Department of Statistics, Malaysia (DOSM)

Table 11.4 Population by Strata (2015 - 2016)

LOCATION	2015*		2016 ^e	
	Population ('000)	%	Population ('000)	%
Urban	23,173.70	74.31	23,694.70	74.84
Rural	8,012.40	25.69	7,966.00	25.16
TOTAL	31,186.10	100.00	31,660.70	100.00

- Note : 1. Mid-Year Population Estimates were based on the adjusted Population and Housing Census of Malaysia 2010
 2. e - estimate
 3. * Data for 2015 have been revised by DOSM

Source : Department of Statistics, Malaysia (DOSM)

Table 11.5 Birth, Death and Total Fertility Rate (2014 - 2016)

	2014*	2015*	2016 ^e
Crude birth rate (per 1,000 population)	17.21	16.71	16.60
Crude death rate (per 1,000 population)	4.90	5.00	5.00
Infant mortality rate (per 1,000 live births)	6.70	6.90	6.90
Total Fertility Rate (per woman aged 15-49 years)	2.10	2.00	2.00

- Note : 1. e - estimate
 2. * Data for 2014 and 2015 have been revised by DOSM

Source : Department of Statistics, Malaysia (DOSM)

Table 11.6 Literacy Rate (2014-2016)

Literacy Rate	2014 ^r	2015	2016
Literacy Rate Age 10 and above (%)	95.70	95.60	96.00
Literacy Rate Age 15 and above (%)	95.20	95.10	95.60

- Note : 1. Definition of literacy: Has received formal education
 2. Population figures are derived from the Labour Force Survey and excludes non-Malaysian citizens
 3. r The statistics was updated based on the year's population estimates.

Source : Department of Statistics, Malaysia (DOSM)

12. MALAYSIA EDUCATION INDICATORS

Table 12.1 Enrolment Rates (2014-2016)

Primary*	2014	2015	2016
Enrolment	2,789,639	2,770,340	2,788,565
Population 6+ - 11+**	2,848,252	2,851,561	2,867,791
Enrolment Rate (%)	97.94	97.15	97.24
Lower Secondary			
Enrolment	1,468,893	1,432,528	1,392,659
Population 12+ - 14+**	1,587,525	1,549,565	1,480,105
Enrolment Rate (%)	92.53	92.45	94.09
Upper Secondary			
Enrolment	899,698	860,264	903,341
Population 15+ - 16+**	1,065,493	1,046,975	1,071,540
Enrolment Rate (%)	84.44	82.17	84.30
Post Secondary			
Enrolment***	174,151	182,038	180,589
Population 17+ - 18+**	1,083,597	1,084,817	1,065,493
Enrolment Rate (%)	16.07	16.78	16.95

Note : 1. Enrolment rate covers MOE schools, private schools, MRSM, RMC and religious schools.

* Excluding pre-school enrolment in primary schools.

** Based on Live Birth

*** Including enrolment in Form 6, Matriculation Centres and ITE under the Ministry of Education

Source : Educational Planning and Research Division, MOE.

Table 12.2 Transition Rates: Primary to Lower Secondary and Lower Secondary to Upper Secondary Level (2014-2016)

	Percentage (%)		
	2014	2015	2016
From Year 6 to Form 1	97.29	95.49	96.05
From Form 3 to Form 4	96.66	93.27	96.04

Note : Data includes MOE, Private, MRSM, RMC, Religious Schools

Source : Educational Planning and Research Division

Table 12.3 Pupil-Teacher Ratio (2014-2016)

	Percentage (%)		
	2014	2015	2016
Primary	11.67	11.50	11.59
Secondary	12.53	11.99	11.97

Source : Educational Planning and Research Division

Table 12.4 Average Class Size (Pupils per Class) (2014-2016)

	2014	2015	2016
Primary	26	26	26
Secondary	28	27	27

Source : Malaysia Educational Statistics (2014-2016), EPRD, MOE.

Table 12.5 Average School Size (Pupils per School) (2014-2016)

	2014*	2015*	2016
Primary	349	346	345
Secondary	950	910	904

Note : * Data for 2014 and 2015 have been revised.
 Source : Educational Planning and Research Division

Table 12.6 Percentage of Teachers in Primary Schools by Gender and Age Group (2016-2017)

Age Group	2016 Gender		2017 Gender	
	% Male	% Female	% Male	% Female
<25	0.22	0.34	0.68	1.05
25-29	3.18	6.60	3.32	6.83
30-34	4.59	12.83	4.51	12.70
35-39	6.40	16.20	6.40	16.26
40-44	4.58	11.89	4.53	11.86
45-49	4.50	10.30	4.49	10.35
50-54	3.86	8.51	3.88	8.44
55-59	2.53	3.45	1.99	2.70
≥60	0.00	0.00	0.01	0.00
TOTAL	29.88	70.12	29.81	70.19

Source : School Management Division (e-Operasi - Data as of 31st January)

Table 12.7 Percentage of Teachers in Secondary Schools by Gender and Age Group (2016-2017)

Age Group	2016 Gender		2017 Gender	
	% Male	% Female	% Male	% Female
<25	0.01	0.01	0.06	0.24
25-29	2.11	6.35	2.71	7.78
30-34	4.48	15.48	4.46	15.36
35-39	4.26	12.93	4.19	12.82
40-44	4.49	11.34	4.38	11.18
45-49	5.58	11.57	5.48	11.40
50-54	5.65	8.74	5.59	8.64
55-59	3.42	3.56	2.82	2.83
≥60	0.04	0.00	0.04	0.01
TOTAL	30.03	69.97	29.73	70.27

Source : School Management Division (e-Operasi - Data as of 31st January)

13. WORLD EDUCATION INDICATORS

Table 13.1 UIS Indicators – (Malaysia) Enrolment by Level of Education - Enrolment by ISCED Level

ISCED	Level of Education	Enrolment (2014)	Enrolment (2015)
0	Pre-School	894,079	934,418
1	Primary	3,178,364	3,107,870
2	Lower Secondary	1,474,883	1,432,681
3	Upper Secondary	1,563,049	1,558,442
4	Post Secondary	2,919	7,624
5	Short Cycle Tertiary	132,555	111,963
6	Bachelors Degree	610,582	592,328
7	Master	82,820	77,965
8	Ph.D	34,187	35,331

Note : 1. ISCED - International Standard Classification of Education

2. *Revised data

Source : UNESCO Institute for Statistics (UIS)

Table 13.2 Gross Enrolment Ratio : Primary and Secondary Education

	Finland	Malaysia	Japan	Germany	Australia	Korea	UK	USA
Reference year	2015	2015	2014	2015	2014	2013	2014	2015
Primary	102	102	101	105	106	99	108	100
Secondary	149	78	102	103	138	98	128	98

Source : UNESCO Institute for Statistics (UIS)

Table 13.3 Transition Rate: Primary and Secondary Education (%)

	Finland	Malaysia	Japan	Germany	Australia	Korea	UK	USA
Reference year	2014	2013		2014		2012		
Transition rate from primary to secondary	99.85	89.05	...	99.63	...	99.96	...	...

Note : ... Data not available

Source : UNESCO Institute for Statistics (UIS)

Table 13.4 Female Participation in Education (%)

	Finland	Malaysia	Japan	Germany	Australia	Korea	UK	USA
Reference year	2015	2015	2014	2015	2014	2013	2014	2015
Pre-primary	48.83	49.41	...	48.48	47.93	48.52	48.76	48.46
Primary	48.77	48.67	48.76	48.56	48.56	47.95	48.79	48.94
Secondary	51.23	50.47	48.86	47.29	47.00	47.58	49.80	49.14
Tertiary	53.59	58.23	46.93	47.94	56.77	40.09	55.96	56.24

Note : ... Data not available

Source : UNESCO Institute for Statistics (UIS)

Table 13.5 Pupil-Teacher Ratio

	Finland	Malaysia	Japan	Germany	Korea	UK	USA
Reference year	2014	2015	2014	2015	2013	2014	2014
Pre-primary	11.53	15.39	25.48	7.90	14.35	20.04	13.82
Primary	13.33	11.52	16.45	12.22	16.85	17.39	14.54
Secondary	12.76	12.02	11.68	12.13	15.61	15.83	14.79

Source : UNESCO Institute for Statistics (UIS)

Table 13.6 School Life Expectancy

	Finland	Malaysia	Japan	Germany	Australia	Korea	UK	USA
Reference year	2015	2015	2014	2015	2014	2013	2014	2014
Pre-primary	3.18	1.88	2.68	3.33	1.15	2.75	1.77	2.14
Primary and secondary	14.63	11.52	12.18	13.29	15.29	11.78	15.15	11.81
Tertiary	4.39	1.40	3.17	3.14	4.42	4.81	2.78	4.47
Primary to Tertiary	19.34	12.93	15.36	17.29	20.47	16.59	17.94	16.54

Note : ... Data not available

Source : UNESCO Institute for Statistics (UIS)

Table 13.7 Educational Attainment of the Population Aged 25 Years and Older

	Finland	Malaysia	Japan	Germany	Australia	Korea	UK	USA
Reference year	2013	2010	2010	2014	2014	2010	2014	2014
Population (000)	3,899	14,755	97,548	61,615	16,025	34,423	44,822	214,415
No Schooling (%)	x(LS)	8.8	0.1	.	x(P)	4.7	0.1	0.4
Incomplete Primary (%)	x(LS)	-	x(B)	.	x(P)	1.0	-	0.8
Primary (%)	x(LS)	23.0	x(LS)	3.2	8.5	11.4	-	3.5
Lower Secondary (%)	27.2	17.3	16.7	13.8	20.2	10.2	20.9	6.9
Upper Secondary (%)	38.5	34.5	39.9	49.5	32.2	37.4	29.7	46.4
Post-secondary non-tertiary (%)	0.7	x(B)	x(US)	8.5	4.4	.	.	x(US)
Short-Cycle Tertiary (%)	11.8	x(B)	x(B)	0.7	9.7	11.0	8.0	9.9
Bachelors Degree (%)	11.1	16.4	29.9	13.4	19.6	20.8	17.1	20.2
Masters Degree (%)	9.8	x(B)	x(B)	9.5	4.4	3.0	6.4	10.0
Doctoral Degree (%)	1.0	x(B)	x(B)	1.3	0.9	0.6	0.9	1.8
Unknown (%)	-	.	13.4	0.1	-	.	17.0	-

Note : x(B) Data included in Bachelors Degree

x(US) Data included in Upper Secondary

x(LS) Data included in Lower Secondary

x(P) Data included in Primary

x(U) Data included in Unknown

.

- Magnitude null or negligible

Source : UNESCO Institute for Statistics (UIS)

Table 13.8 Public Expenditure on Education (Public Expenditure per Student as a % of GDP per capita)

	Finland	Malaysia	Japan	Germany	Australia	Korea	UK	USA
Reference year	2011	2015	2014	2013	2013	2013	2014	2013
Primary	20.2	16.1	23.7	18.0	18.8	23.5	22.5	19.8
Secondary	34.7	18.4	25.1	23.7	16.9	23.4	23.1	22.7
Tertiary	36.3	50.4	25.8	38.7	22.7	12.9	38.1	21.2

Source : UNESCO Institute for Statistics (UIS)

Table 13.9 Adult and Youth Literacy

	Philippines	Malaysia	China	Singapore	Indonesia
Reference Year	2015	2015	2015	2015	2015
Adults (15 years and older)	96.62	94.64	96.36	96.77	95.44
Youth (15 to 24 years)	98.22	98.42	99.73	99.91	99.71

Source : UNESCO Institute for Statistics (UIS)

Table 13.10 Public Expenditure as Percentage of GDP (%)

	Finland	Malaysia	Japan	Germany	Australia	Korea	UK	USA
Reference year	2013	2015	2014	2013	2013	2013	2014	2013
Primary	1.33	1.65	1.25	0.63	1.73	1.36	1.66	1.54
Secondary	2.72	1.81	1.43	2.10	1.74	1.73	2.37	1.74
Tertiary	2.01	1.36	0.78	1.31	1.37	0.97	1.40	1.35

Source : UNESCO Institute for Statistics (UIS)

Table 13.11 Expenditure per Student in USD

	Finland	Malaysia	Japan	Germany	Australia	Korea	UK	USA
Reference year	2013	2015	2014	2013	2013	2013	2014	2013
Primary	10,326	1,576	9,121	8,191	12,714	5,737	9,522	10,176
Secondary	17,624	1,796	9,683	10,804	11,433	5,714	9,785	11,657
Tertiary	17,538	4,919	9,951	17,641	15,383	3,148	16,127	10,888

Source : UNESCO Institute for Statistics (UIS)

14. MALAYSIA IN INTERNATIONAL ASSESSMENTS

Table 14.1 Programme for International Student Assessment (PISA)
Proportion of children and young people at the end of lower secondary education achieving at least a minimum proficiency level

Year	Reading			Mathematics			Science		
	Male	Female	All	Male	Female	All	Male	Female	All
2009	46.8	65.0	56.0	39.6	41.7	40.7	53.5	60.3	57
2012	37.1	56.8	47.3	45.9	50.4	48.2	51.3	57.5	54.5
2015	54.5	70.2	62.8	59.6	65.1	62.5	63.7	68.6	66.3

Note : Level 2 is considered the baseline for minimum proficiency level. The level of which students are able to:

- a) Science : engage in science-related issues as a critical and informed citizen.
- b) Reading : demonstrate the reading skills that will enable them to participate effectively and productively in life.
- c) Mathematics : use basic algorithms, formulae, procedures or conventions to solve problems involving whole numbers

Source: Organisation for Economic Co-operation and Development (OECD), 2015.

Mean Performance Score

Year	Reading	Mathematics	Science
2009	414	404	422
2012	398	421	420
2015	431	446	443
OECD Average (2015)	493	490	493

Table 14.2 Trends in International Mathematics and Science Study (TIMSS)
Proportion of children and young people at the end of lower secondary education achieving at least a minimum proficiency level

Year	Mathematics			Science		
	Male	Female	All	Male	Female	All
2011	59.7	71	65.4	57.86	66.36	62.16
2015	73.4	78.1	75.8	74.23	88.5	77.35

Note: Minimum proficiency level refers to Low International Benchmark where:
a) Mathematics : Students have some knowledge of whole numbers and basic graphs.
b) Science : Students show some basic knowledge of Biology, Chemistry, Physics and Earth Science.

Source: International Association for the Evaluation of Educational Achievement (IEA), 2015.

Average Scale Score

Year	Mathematics	Science
2011	440	426
2015	465	471

15. MALAYSIA IN INTERNATIONAL COMPETITIVENESS REPORTS

(Education related indicators only)

Table 15.1 UN E-Government Survey (Human Capital Index)			
	2012	2014	2016
Adult literacy (%)	92.46	93.12	94.64
Gross enrolment ratio (%)	70.29	71.33	71.08
Expected years of schooling (years)	-	12.6	12.73
Mean years of schooling (years)	-	9.5	9.96
Score	0.77	0.71	0.70
Component Ranking	109	106	93

Source : United Nation Department of Economic and Social Affairs (UNDESA)

Table 15.2 Global Innovation Index (Human Capital & Research)		
	2015	2016
Expenditure on education, % GDP	5.9	6.3
Government expenditure/pupil, secondary, % GDP/cap	19.9	23.2
School life expectancy, years	12.7	13.4
PISA scales in reading, math & science	412.7	412.7
Pupil-teacher ratio, secondary	13.9	13.3
Score	42.30	49.5
Component Ranking	77	59

Note : Human Capital & Research component consists of 12 indicators with 5 Education Indicators, 3 Tertiary Indicators and 4 Research & Development Indicators

Source : INSEAD and World Intellectual Property Organisation (WIPO), 2016.

Table 15.3 The Global Competitiveness Report**Table 15.3.1** Health and Primary Education

	2015-2016	2016-2017
Quality of Primary Education (SD)	5.3	5.1
Primary Net Education Enrolment Rate (HD)	97	94.6
Score	6.3	6.1
Component Ranking	24	44

Note : Health and Primary Education Component consists of 10 indicators with 8 Health indicators and 2 Education indicators.

Source : World Economic Forum (WEF), 2016

Table 15.3.2 Higher Education and Training

	2015-2016	2016-2017
Secondary Gross Education Enrolment Rate (HD)	70.8	79
Quality of Education System (SD)	5.4	5.3
Quality of Math and Science Education (SD)	5.3	5.2
Quality of Management Schools (SD)	5.2	5.3
Internet Access in Schools (SD)	5.5	5.4
Score	5.0	5.0
Component Ranking	36	41

Note : Higher Education and Training Component consists of 8 indicators with 1 Tertiary education indicator, 2 training indicators and 5 education indicators.

SD : Soft data from Executive Opinion Survey ; HD : Hard data sourced from UNESCO Institute for Statistics (UIS)
World Economic Forum (WEF), 2016

Table 15.4 World Competitiveness Yearbook (Education)

	2015	2016
Pupil-Teacher Ratio (Primary)	12.3	12.0
Pupil-Teacher Ratio Secondary)	13.1	13.0
Secondary Gross Education Enrolment Rate	89.9	90.0
Component Ranking	35	38

Note : Data provided by MOE.

Source : Institute for Management Development (IMD), 2016.

ABBREVIATIONS AND SYMBOLS

a	Category is not applicable
e	Estimate figures
(C)	Chinese
F	Female
f	Forecast
M	Male
p	Preliminary figures
(T)	Tamil
nr	Not relevant
X	Data included in another category
...	Data not available
.	Data not applicable
-	Magnitude null or negligible
na	not available
ABIM	Angkatan Belia Islam Malaysia (Muslim Youth Movement of Malaysia)
CFLD	Class For Learning Disabilities
CPI	Consumer Price Index
DOS	Department of Statistics
EPRD	Educational Planning and Research Division
F.T.	Federal Territory
GMT	Greenwich Mean Time
GDP	Gross Domestic Product
GNP	Gross National Product
MOHE	Ministry of Higher Education
ISCED	International Standard Classification of Education
JAKIM	Malaysia Department of Islamic Development
KEMAS	Jabatan Kemajuan Masyarakat (Department of Community Development)
MOE	Ministry of Education
MOF	Ministry of Finance
NVTC	National Vocational Training Centre
PERPADUAN	National Unity and Integration Department
GARS	Government-Aided Religious School (Sekolah Agama Bantuan Kerajaan)
SRAN	Sekolah Rendah Agama Negeri (State Religious Primary School)
SRAR	Sekolah Rendah Agama Rakyat (People Religious Primary School)
SMAN	Sekolah Menengah Agama Rakyat (State Religious Secondary School)
SMAR	Sekolah Menengah Agama Rakyat (People Religious Secondary School)
ITEM	Institute of Teacher Education Malaysia
UIS	UNESCO Institute of Statistics



