



KEMENTERIAN PENDIDIKAN MALAYSIA

With Best **COMPLIMENTS**

Educational Planning and Research Division



Malaysia Educational Statistics

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PREFACE



DIRECTOR

Educational Policy Planning and Research Division
Ministry of Education Malaysia

I am pleased to present the 2021 edition of the Quick Facts, an annual series of statistical publication by the Educational Planning and Research Division (EPRD), Ministry of Education Malaysia that summarizes the latest data on education in Malaysia.

Quick Facts (QF) 2021 provides data and information from both the government and private agencies. It includes comprehensive information on enrolment, schools, classes, teachers, educational outcomes and educational expenditures. This publication also covers indicators on education, economics, demographics, the country's performance in international assessment as well as its performance on selected indicators in international competitiveness report.

As of this year, data on Primary School Achievement Test (UPSR) results will no longer be published due to the cancellation of the examination in 2020 and its abolishment in 2021. However, we have included an additional table in chapter fourteen to indicate Malaysia's performance in the Southeast Asia Primary Learning Metrics (SEA-PLM) in 2019.

It is my hope that Quick Facts 2021 will be able to fulfill the expectations of educational policy planners, officers, researchers, and analysts as a reliable tool to facilitate informed decision making. I believe it will also help other agencies, and international organizations to better understand the Malaysian education system.

Finally, I would like to express my gratitude to officers from EPRD, the different divisions within the Ministry of Education, as well as other agencies who have worked diligently in producing this book. Congratulations to all of you on a job well done.

A handwritten signature in black ink, appearing to be 'Roziah'.

DR. HAJAH ROZIAH BINTI ABDULLAH

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 2020 ^e ('000)	:
Malaysia	: 32,657.3
i Peninsular Malaysia:	25,832.7
ii Sabah	: 3,908.5
iii Sarawak	: 2,816.5
iv W.P. Labuan	: 99.6
Population Growth Rate (%)	: 0.4
Life Expectancy at Birth (2019 ^e)	: 72.6 (Male)
	: 77.6 (Female)
Age Structure ('000)	: 0 - 5 years - 3,069.2
	: 6 - 14 years - 4,531.0
	: 15 - 59 years - 21,554.4
	: 60 years and above - 3,502.6
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 XVI Al-Sultan Abdullah Ri'ayatuddin Al-Mustafa Billah Shah Ibni Sultan Haji Ahmad Shah Al-Musta'in Billah
Head of Government	: Prime Minister (YAB Tan Sri Dato' Haji Muhyiddin bin Hj. Mohd Yassin)
Minister of Education	: YB Senator Dr Mohd. Radzi bin Md. Jidin

Notes : 1. Mid-Year Population were based on the adjusted Population and Housing Census of Malaysia 2010

2. The added total may differ due to rounding

3. ^e estimates

Source : Department of Statistics (DOS), Malaysia

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GENERAL INFORMATION

Number of Schools, Enrolment and Teachers (2021)							
	Schools	Enrolment			Teachers		
		Male	Female	Total	Male	Female	Total
Pre-school*	6,203	100,586	99,557	200,143	1,039	8,119	9,158
Primary**	7,781	1,411,928	1,339,580	2,751,508	69,075	165,127	234,202
Secondary**	2,442	1,020,598	1,016,430	2,037,028	51,048	127,044	178,092
TOTAL	16,426	2,533,112	2,455,567	4,988,679	121,162	300,290	421,452

Note : 1. Data only covers educational institutions under MOE

2. Total excludes pre-school

3. Data enrolment as of 31st January 2021

Source : * National Information System for Pre-school (SMPK - Data as of 31st January 2021)

** APDM (Data as of 31st January 2021)

I. PRE-SCHOOL

A) MOE Pre-schools

Table 1.1 Number of Pre-schools, Classes, Teachers and Enrolment in Pre-schools (2019-2021)

	2019*	2020*	2021*
Pre-schools	6,152	6,215	6,203
Classes	9,465	9,609	9,651
Teachers	9,311	9,567	9,158
Enrolment	205,200	207,737	200,143

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 Institutions Under Other Government Agencies and Private Institutions (2021)

Agency	Pre-Schools	Classes	Teachers*	Enrolment
ABIM**	199	541	803	7,925
JAIN	857	2,029	2,961	30,546
PERPADUAN	1,781	1,781	3,439	37,194
KEMAS***	8,275	10,850	21,151	205,817
Private****	8,096	30,133	31,777	287,049
TOTAL	19,208	45,334	60,131	568,531

Note : 1. * Including Teacher Assistants

2. ** Data as of 30th June 2020

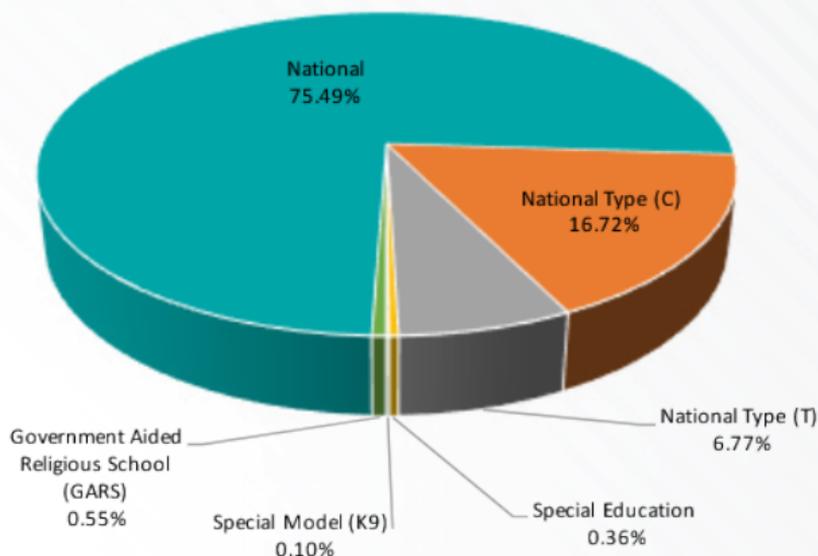
3. ***Data as of 2nd May

4. ****Data as of 30th April

Source : JAIN, PERPADUAN (Data as of 31st January), KEMAS, Private Education Division, MOE, ABIM

2. SCHOOLS – PRIMARY

Percentage of MOE Primary Schools (2021)



A) MOE Primary Schools

Table 2.1 Number of Primary Schools (2019-2021)

Type of Schools	2019			2020			2021		
	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total
National	1,324	4,548	5,872	2,805	3,071	5,876	2,805	3,069	5,874
National Type (C)	503	795	1,298	877	422	1,299	878	423	1,301
National Type (T)	138	387	525	369	158	527	370	157	527
Special Education	20	8	28	25	3	28	25	3	28
Special Model (K9)	0	8	8	1	7	8	1	7	8
Government Aided Religious School (GARS)	15	26	41	28	13	41	29	14	43
TOTAL	2,000	5,772	7,772	4,105	3,674	7,779	4,108	3,673	7,781

Note : Data as of 31st January

Source : Educational Planning and Research Division

2. SCHOOLS – PRIMARY

Percentage of Classes in MOE Primary Schools (2021)

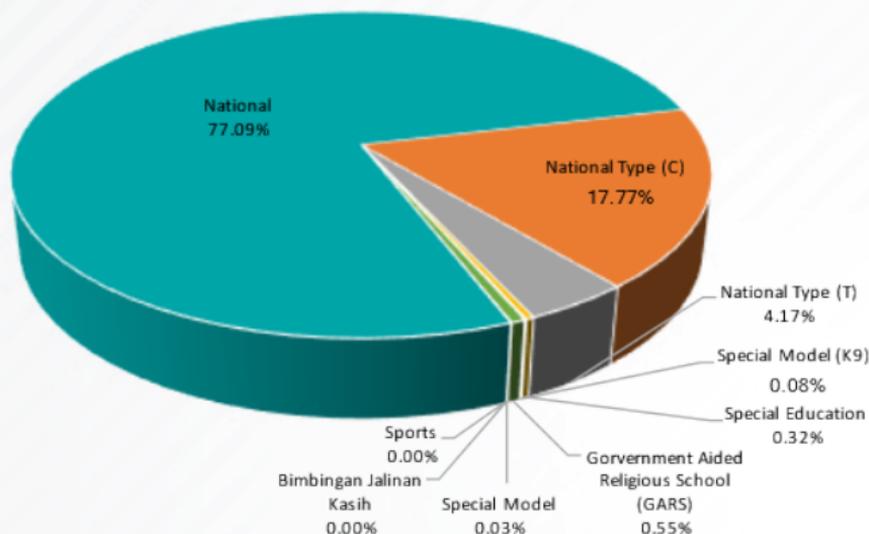


Table 2.2 Number of Classes in Primary Schools (2019-2021)

Type of Schools	2019	2020	2021
National	81,291	81,790	82,057
National Type (C)	19,271	19,119	18,913
National Type (T)	4,447	4,435	4,434
Special Education	315	326	337
Special Model (K9)	81	80	80
Government Aided Religious School (GARS)	557	567	585
Special Model	46	45	34
Sports	6	6	3
Bimbingan Jalinan Kasih	4	4	4
TOTAL	106,018	106,372	106,447

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 : School Management Division (Data as of 31st January 2021)

B) Other Agencies

Table 2.3 Number of Primary Schools in Private Institutions (2021)

Type of Schools	2021
Academic Primary	69
International Primary	7
Religious Primary	61
TOTAL	137

Note : Data as of 31st January 2021

Source : Private Education Division, MOE

Table 2.4 Number of Primary Schools in Institutions Under Other Government Agencies (2021)

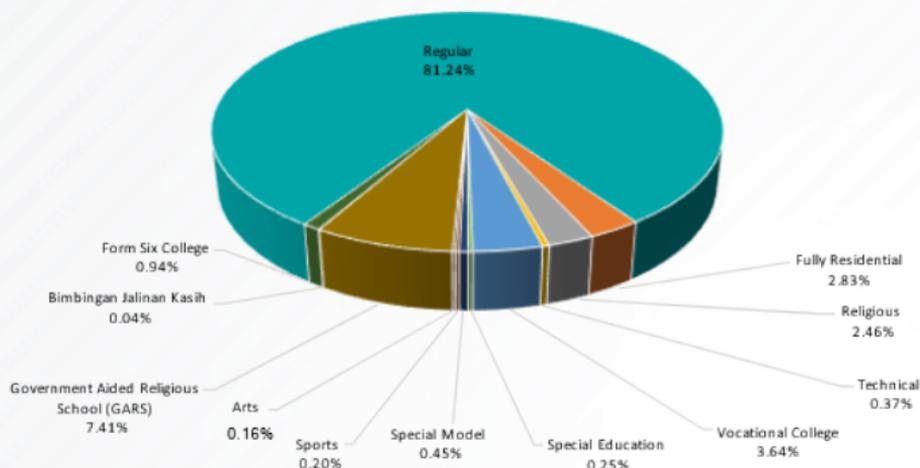
Type of Schools	2021
People Religious Primary School (SRAR)	79
State Religious Primary School (SRAN)	27
TOTAL	106

Note : Data as of 31st January 2021

Source : JAKIM

2. SCHOOLS - SECONDARY

Percentage of MOE Secondary Schools (2021)



A) MOE Secondary Schools

Table 2.5 Number of Secondary Schools (2019-2021)

Type of Schools	2019			2020			2021		
	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total
Regular	935	1,049	1,984	1,434	552	1,986	1,430	554	1,984
Fully Residential	34	35	69	58	11	69	58	11	69
Religious	27	33	60	42	18	60	42	18	60
Technical	8	1	9	8	1	9	8	1	9
Vocational College	49	38	87	69	19	88	69	20	89
Special Education	5	1	6	6	0	6	6	0	6
Special Model	3	8	11	7	4	11	7	4	11
Sports	4	1	5	4	1	5	4	1	5
Arts	3	0	3	3	0	3	4	0	4
Government Aided Religious School (GARS)	54	126	180	139	41	180	139	42	181
Bimbingan Jalanan Kasih	1	0	1	1	0	1	1	0	1
Form Six College	14	7	21	19	2	21	21	2	23
TOTAL	1,137	1,299	2,436	1,790	649	2,439	1,789	653	2,442

Note : Data as of 31st January 2021

Source : Educational Planning and Research Division

2. SCHOOLS - SECONDARY

Percentage of Classes in MOE Secondary Schools (2021)

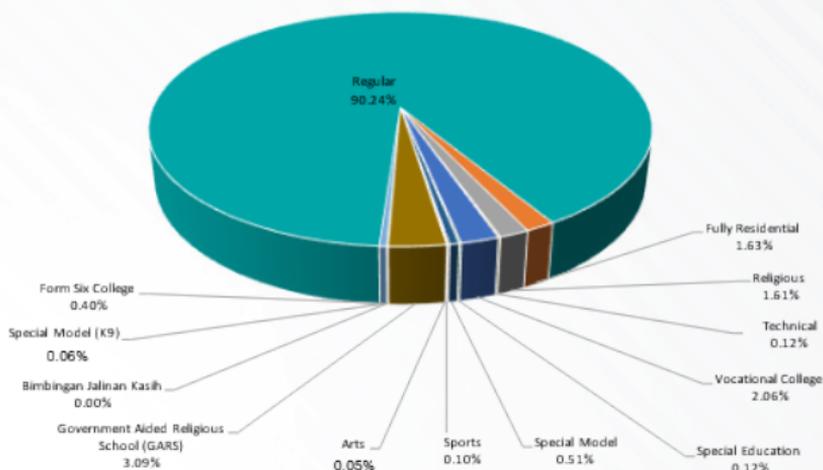


Table 2.6 Number of Classes in Secondary Schools (2019-2021)

Type of Schools	2019	2020	2021
Regular	70,374	70,235	70,324
Fully Residential	1,574	1,597	1,268
Religious	1,546	1,553	1,255
Technical	189	180	95
Vocational College	2,212	2,064	1,607
Special Education	154	164	94
Special Model	401	399	397
Sports	95	92	80
Arts	40	40	41
Government Aided Religious School (GARS)	2,522	2,539	2,409
Bimbingan Jalanan Kasih	2	2	3
Special Model (K9)	63	49	48
Form Six College	286	290	313
TOTAL	79,458	79,204	77,934

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 2021)

B) Other Agencies / GENIUS

Table 2.7 Number of Secondary Schools in Private Institutions (2021)

Type of Schools	2021
Academic Secondary	66
Chinese Independent Secondary Schools	60
International Secondary	20
Religious Secondary	38
Correspondence Secondary School	0
TOTAL	184

Note : Data as of 31st January 2021

Source : Private Education Division, MOE

Table 2.8 Number of Secondary Schools in Institutions Under Other Government Agencies (2021)

Type of Schools	2021
People Religious Secondary School (SMAR)	109
State Religious Secondary School (SMAN)	64
MARA Junior Science Colleges (MJSC)	53
Royal Military College (RMC)	1
TOTAL	227

Note : Data as of 31st January 2021

Source : State Religious Department (SMAR, SMAN); MARA; Royal Military College

Table 2.9 Number of Private Institutions With Two Levels (Primary and Secondary Schools) (2021)

Type of Schools	2021
Expatriate	17
International	156
Special Education	15
TOTAL	188

Note : Data as of 31st January 2021

Source : Private Education Division, MOE

Table 2.10 Number of Centres and Classes in GENIUS Institutions (2019-2021)

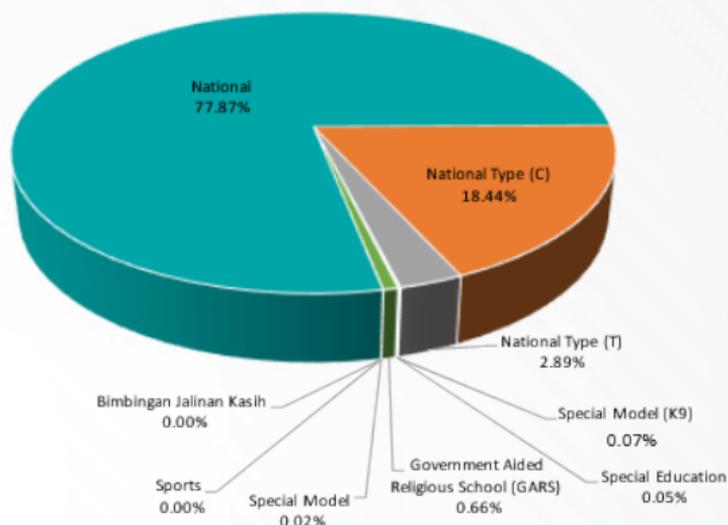
Institutions	2019		2020		2021	
	Centres	Classes	Centres	Classes	Centres	Classes
GENIUS NEGARA	90	0	90	0	89	0
GENIUS@PINTAR	1	29	2	28	2	44
GENIUS INSAN	1	16	1	17	1	20
GENIUS SENI	2	18	2	18	2	18
GENIUS REMAJA	4	6	4	6	4	6
GENIUS KURNIA	1	26	1	26	2	30
TOTAL	99	95	100	95	100	118

Note : Data as of 31st January

Source : GENIUS Division, MOE

3. ENROLMENT - PRIMARY

Percentage of Enrolment in MOE Primary Schools (2021)



A) MOE Primary Schools

Table 3.1 Enrolment at Primary Level by Type of Schools (2019-2021)

Type of Schools	2019	2020	2021
National	2,101,453	2,125,612	2,142,472
National Type (C)	522,283	511,950	507,376
National Type (T)	81,321	80,569	79,414
Special Education	1,231	1,351	1,427
Special Model (K9)	1,990	2,087	1,980
Government Aided Religious School (GARS)	17,594	17,775	18,270
Special Model	786	731	494
Sports	22	27	8
Bimbingan Jalanan Kasih	81	78	67
TOTAL	2,726,761	2,740,180	2,751,508

- 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 8 students in Special Model and Sports School
 5. Enrolment in Year 1 to Year 8 includes pupils in SEIP

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

3. ENROLMENT - PRIMARY

Percentage of Enrolment at Primary Level by Grade and Gender (2021)

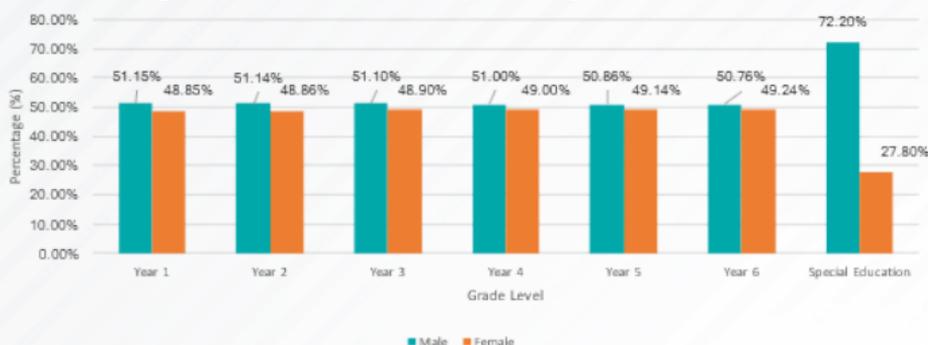


Table 3.2 Enrolment at Primary Level by Grade and Gender (2019-2021)

Grade Level	2019			2020			2021		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Year 1	237,931	226,570	464,501	228,615	218,010	446,625	232,629	222,198	454,827
Year 2	233,409	223,349	456,848	238,330	227,599	465,929	229,158	218,955	448,113
Year 3	225,367	216,502	441,869	232,804	223,465	456,269	238,080	227,807	465,887
Year 4	228,195	220,371	448,566	224,126	216,281	440,387	232,522	223,400	455,922
Year 5	226,297	217,789	444,086	227,096	220,098	447,194	232,650	216,094	438,744
Year 6	220,493	213,137	433,630	225,429	217,475	442,904	226,594	219,834	446,428
Special Education	26,366	10,814	37,180	29,235	11,559	40,794	29,254	11,268	40,520
Jalinan Kasih (Rendah Asas)	39	22	61	35	21	56	38	22	58
Jalinan Kasih (Rendah Perdana)	14	6	20	16	6	22	5	4	9
TOTAL	1,398,201	1,328,560	2,726,761	1,405,686	1,334,494	2,740,180	1,411,928	1,339,580	2,751,508

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 2021)

B) Other Agencies

Table 3.3 Enrolment at Primary Level in Private Institutions (2021)

Type of Schools	Male	Female	Total
Academic Primary	6,682	5,834	12,516
International Primary	1,150	1,012	2,162
Religious Primary	14,826	12,187	27,013
TOTAL	22,658	19,033	41,691

Note : Data as of 31st January 2021

Source : Private Education Division, MOE

Table 3.4 Enrolment at Primary Level in Institutions Under Other Government Agencies (2021)

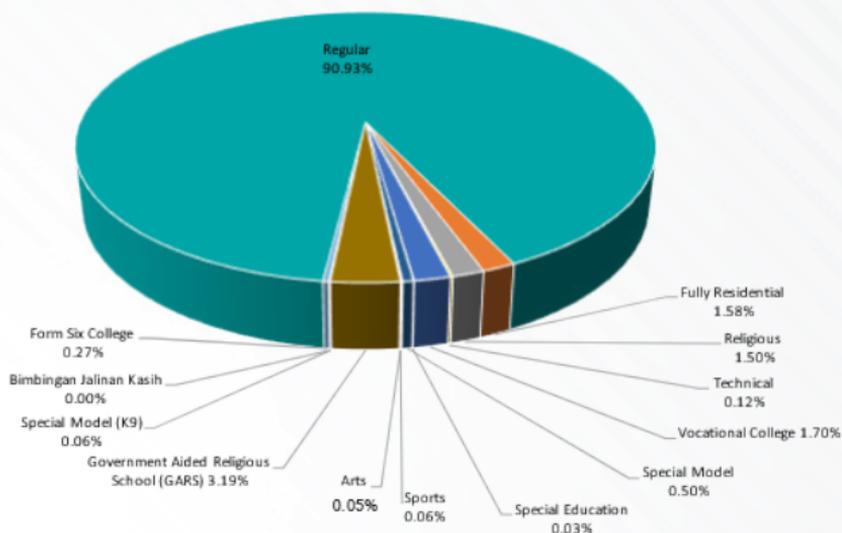
Type of Schools	Male	Female	Total
People Religious Primary School (SRAR)	15,139	11,890	27,029
State Religious Primary School (SRAN)	5,458	5,778	11,236
TOTAL	20,597	17,668	38,265

Note : Data as of 31st January 2021

Source : JAKIM

3. ENROLMENT - SECONDARY

Percentage of Enrolment in MOE Secondary Schools (2021)



A) MOE Secondary Schools

Table 3.5 Enrolment at Secondary Level by Type of Schools (2019-2021)

Type of Schools	2019	2020	2021
Regular	1,792,083	1,786,432	1,852,328
Fully Residential	38,518	38,772	32,147
Religious	38,200	38,086	30,656
Technical	4,305	4,195	2,541
Vocational College	47,514	39,306	34,554
Special Education	1,043	1,125	584
Special Model	9,636	9,696	10,088
Sports	1,666	1,552	1,273
Arts	899	942	954
Government Aided Religious School (GARS)	67,546	67,117	65,071
Bimbingan Jalanan Kasih	57	52	65
Special Model (K9)	1,120	1,154	1,300
Form Six College	4,909	4,979	5,467
TOTAL	2,007,496	1,993,408	2,037,028

Note : Excluding pre-school enrolment in secondary schools

Source : School Management Division (APDM - Data as of 31st January 2021)

Table 3.6 Enrolment at Secondary Level by Grade, Academic Streams and Gender (2019-2021)

Grade	2019			2020			2021		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Lower Secondary									
Remove Class	8,875	4,218	13,093	9,018	4,314	13,332	8,816	4,706	13,522
Form 1	182,467	189,209	381,676	194,627	192,068	386,695	208,689	202,615	411,304
Form 2	160,123	190,362	380,485	190,236	188,707	378,943	194,616	192,555	387,171
Form 3	191,830	193,799	385,629	187,068	189,195	376,263	189,530	188,343	377,873
SCLD	20,213	9,431	29,644	21,474	9,847	31,321	23,917	10,788	34,705
*Lower Secondary BJKS	18	9	27	18	12	30	21	11	32
Total	603,526	587,028	1,190,554	602,441	584,143	1,186,584	625,589	599,018	1,224,607
Upper Secondary									
Form 4	109	83	192	0	0	0	5,008	5,598	10,606
Form 4 Humanities	111,762	101,596	213,358	116,887	109,181	226,068	120,065	106,089	226,154
Form 4 Science	33,171	47,254	80,425	32,152	47,332	79,484	33,942	50,411	84,353
Form 4 Religious	2,793	3,745	6,538	2,182	2,971	5,153	66	66	122
Form 4 MPV	9,849	5,909	15,758	10,242	6,146	16,388	7,235	4,081	11,316
PVMA programme	0	0	0	0	0	0	2,233	1,784	4,017
Form 4 Technology	19,946	25,240	45,186	17,235	21,439	38,674	17,191	20,163	37,354
Form 4 Technical	994	905	1,899	864	848	1,712	0	0	0
Form 4 Skills	0	0	0	0	0	0	14	7	21
Skills Programme Year 1	443	170	613	78	18	96	0	0	0
VCM Year 1 Programme	3,937	2,679	6,616	4,224	2,415	6,639	0	0	0
Form 4 Special education	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
Total	183,004	187,581	370,585	183,864	190,350	374,214	185,744	188,199	373,943
Form 5	31	27	58	0	0	0	1,955	2,710	4,665
Form 5 Humanities	106,175	101,911	208,086	108,527	103,830	212,357	111,807	108,145	219,952
Form 5 Science	33,199	48,628	81,827	31,828	46,224	77,852	30,482	45,470	75,952
Form 5 Religious	2,273	2,967	5,240	1,997	2,838	4,835	19	19	38
Form 5 MPV	7,820	4,511	12,331	9,079	5,454	14,533	7,297	4,051	11,348
PVMA programme	0	0	0	0	0	0	2,238	1,745	3,983
Form 5 Technology	19,138	25,933	45,071	17,277	21,460	38,727	16,483	21,084	37,567
Form 5 Technical	1,257	1,149	2,406	1,303	1,180	2,483	1,327	1,214	2,541
Form 5 Skills	N.A	N.A	N.A	N.A	N.A	N.A	251	133	384
Skills Programme Year 2	953	364	1,317	745	203	948	659	192	851
*Upper Secondary BJKS	18	8	26	17	6	23	24	9	33
VCM Year 2 Programme	8,504	4,670	13,284	5,380	3,576	8,956	9,005	4,821	14,726
Form 5 Special Education	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
Total	179,458	190,188	369,646	175,953	184,761	360,714	182,447	189,593	372,040
Post-Secondary									
Form 6 Lower									
Humanities	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
Science	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
Religious	1,086	1,602	2,688	1,150	1,586	2,736	0	0	0
VCM Year 1 Programme	8,683	4,701	13,384	7,313	4,262	11,575	5,238	3,505	8,743
Special Education	N.A	N.A	N.A	N.A	N.A	N.A	33	19	52
Pre-university	131	91	222	105	50	155	126	63	189
Total	9,900	6,394	16,294	8,568	5,898	14,466	5,397	3,587	8,984
Form 6 Upper									
Humanities	4	1	5	N.A	N.A	N.A	N.A	N.A	N.A
Humanities	12,547	29,710	42,257	13,141	29,111	42,252	13,167	29,783	42,950
Science	2,221	2,666	4,877	1,759	2,094	3,853	1,807	2,174	3,981
Religious	7	8	15	9	14	23	72	70	142
VCM Year 2 Programme	8,304	4,810	13,114	6,922	4,170	11,092	6,276	3,958	10,234
Special Education	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
Pre-university	100	45	145	128	83	211	99	48	147
Total	23,183	37,230	60,413	21,959	35,472	57,431	21,421	36,033	57,454
GRAND TOTAL	999,071	1,008,421	2,007,492	992,785	1,000,624	1,993,409	1,020,598	1,016,430	2,037,028

Note : 1. Including enrolment of Form 1 to 3 students in Comprehensive Special Model (K9) Schools
 2. Excluding pre-schools students in secondary schools
 3. Data for Form 6 Lower is not available (...) because Form 6 begins in May for 2019 and 2020 but for 2021 Form 6 begin in July, except for students who are taking STAM in religious school
 4. *Data revised for 2019 and 2020

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

B) Other Agencies / GENIUS

Table 3.7 Enrolment at Secondary Level in Private Institutions (2021)

Type of Schools	Male	Female	Total
Academic Secondary	7,449	6,475	13,924
Chinese Independent Secondary Schools	33,246	32,644	65,890
International Secondary	2,885	2,404	5,289
Religious Secondary	5,883	3,997	9,880
Correspondence Secondary School	0	0	0
TOTAL	49,463	45,520	94,983

Note : Data as of 31st January 2021

Source : Private Education Division, MOE

Table 3.8 Enrolment at Secondary Level in Institutions Under Other Government Agencies (2021)

Type of Schools	Male	Female	Total
People Religious Secondary School (SMAR)	13,594	10,354	23,948
State Religious Secondary School (SMAN)	14,903	19,032	33,935
MARA Junior Science Colleges (MJSC)	12,498	15,629	28,127
Royal Military College (RMC)*	244	-	244
TOTAL	41,239	45,015	86,254

Note : 1. Data as of 31st January 2021

2. For RMC included students under IB program

3. *Form 4 students under selection process

Source : State Religious Department (SMAR/SMAN), MARA, Royal Military College

Table 3.9 Enrolment in Private Institutions with Two Levels (Primary and Secondary) (2021)

Type of Schools	Male	Female	Total
Expatriate	1,163	1,217	2,380
International	30,991	27,309	58,300
Special Education	322	179	501
TOTAL	32,476	28,705	61,181

Note : Data as of 31st January 2021

Source : Private Education Division, MOE

C) Matriculation

Table 3.10 Matriculation : Number of Colleges, Academic Personnel and Enrolment Level (2018- 2020)

	2018	2019	2020*
Number of Matriculation Colleges	15	17	17
Number of Academic Personnel	2,417	2,520	2,489
% Female	68.02	67.34	67.66
Total Enrolment	23,604	25,802	26,630
% Female	68.79	69.58	69.15

Note : * Data as of 31st December 2020

Source : Matriculation Division, MOE

Table 3.11 Enrolment at GENIUS Institutions Level by Gender (2019-2021)

Institutions	2019			2020			2021		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
GENIUS NEGARA	1,712	1,591	3,303	1,763	1,645	3,408	1,667	1,628	3,295
GENIUS@PINTAR	233	237	470	231	234	465	261	252	513
GENIUS INSAN	130	133	263	146	164	310	203	236	439
GENIUS SENI	58	176	234	68	177	245	93	230	323
GENIUS REMAJA	197	289	486	212	201	513	84	97	181
GENIUS KURNIA	412	87	499	327	75	402	191	47	238
TOTAL	2,742	2,513	5,255	2,747	2,496	5,343	2,499	2,490	4,989

Note : Data as of 31st January

Source : GENIUS Division, MOE

4. SPECIAL EDUCATION

Table 4.1 Enrolment in Special Education Schools by Grade and Gender (2019-2021)

Grade	2019			2020			2021		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Primary									
CFLD	124	83	207	164	80	244	213	89	302
Preschool	63	47	110	90	49	139	91	37	128
Year 1	114	71	185	145	79	224	131	75	206
Year 2	81	52	133	95	61	156	115	63	178
Year 3	81	82	163	84	60	144	99	69	168
Year 4	82	83	165	95	78	173	89	64	153
Year 5	96	67	163	85	85	170	96	76	172
Year 6	118	68	186	96	71	167	104	96	200
Total	759	553	1,312	854	563	1,417	938	569	1,507
Secondary									
Form 1	26	27	53	26	17	43	18	21	39
Form 2	26	17	43	24	32	56	26	19	45
Form 3	24	14	38	28	17	45	24	29	53
Form 4	31	21	52	22	13	35	25	16	41
Form 5	31	27	58	30	21	51	23	12	35
Total	138	106	244	130	100	230	116	97	213
Secondary - Vocational Programme									
SKM Level 1	88	63	151	123	25	148	56	12	68
SKM Level 2	273	182	455	331	224	555	129	93	222
SKM Level 3	114	74	188	135	54	189	90	34	124
Total	475	319	794	589	303	892	275	139	414
Post Secondary									
Form 6 Upper	4	1	5	1	1	2	0	2	2
Total	4	1	5	1	1	2	0	2	2
GRAND TOTAL	1,376	979	2,355	1,574	967	2,541	1,329	807	2,136

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 (2019-2021)

	2019			2020			2021		
	Pre-school	Primary	Secondary	Pre-school	Primary	Secondary	Pre-school	Primary	Secondary
Class	179	5,653	4,278	187	5,781	4,418	192	5,853	4,576
Enrolment	764	35,761	29,455	948	38,683	31,025	812	39,299	34,583
Teacher	179	8,191	5,694	187	8,329	5,958	191	8,345	6,122

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 (2019-2021)

Grade	2019	2020	2021
Primary			
Preschool	764	948	812
CFLD	25,045	903	732
Year 1	2,476	14,653	14,775
Year 2	2,110	7,375	7,831
Year 3	1,954	6,010	6,114
Year 4	1,787	5,697	5,970
Year 5	1,366	2,894	2,833
Year 6	1,023	1,151	1,044
Total	36,525	39,631	40,111
Secondary			
CFLD	23,940	24,466	25,100
Form 1	1,814	2,248	3,006
Form 2	1,477	1,562	2,530
Form 3	1,236	1,309	1,670
Form 4	491	1,007	1,324
Form 5	497	433	953
Total	29,455	31,025	34,583
Post Secondary			
Form 6 (Lower)	0	0	0
Form 6 (Upper)	0	0	2
Total	0	0	2
GRAND TOTAL*	65,980	70,656	74,696
Partial Inclusion	24,998	35,666	47,995
Full Inclusion	1,328	1,194	795
Total Inclusive	26,326	36,860	48,790

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

2. * Grand Total of Students with SEN include enrolment in full and partial inclusive programme.

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

4. Partial dan Full Inclusive (Table 4.3) only Enrolment in Special Education Integration Programme.

5. Data for partial inclusion and full inclusion in 2020 has been revised.

Table 4.4 Enrolment of Inclusive Programme in Regular Schools and Special Education Integration Programme (2021)

	Regular Schools		SEIP	
	Full Inclusion		Full Inclusion	Partial Inclusion
Pre	193		0	0
Primary	7,053		316	22,242
Secondary	8,394		479	25,753
Total Inclusive	15,540		795	47,995

Note : Data included enrolment in regular schools

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 (2021)

Type of Schools	Graduate	Non-Graduate	Untrained	Total
National	162,796	20,332	3,952	187,080
National Type (C)	29,383	6,081	608	36,072
National Type (T)	7,418	1,169	5	8,592
Special Education	756	60	-	816
Government Aided Religious School - Primary (GARS)	933	269	168	1,370
Special Model (Primary)	237	15	20	272
TOTAL	201,523	27,926	4,753	234,202

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.

5. Data as of 31st January 2021

Percentage of Primary School Teachers by Gender (2019-2021)

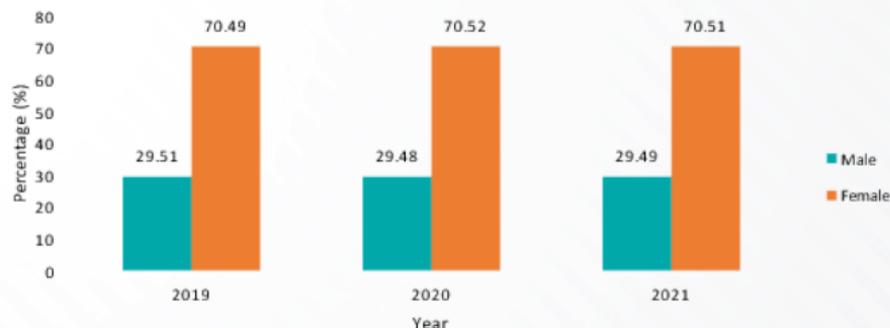


Table 5.2 Number and Percentage of Teachers at Primary Level by Gender (2019 - 2021)

Gender	2019	%	2020	%	2021	%
Male	70,025	29.51	69,605	29.48	69,075	29.49
Female	167,292	70.49	166,465	70.52	165,127	70.51
TOTAL	237,317	100.00	236,070	100.00	234,202	100.00

Note : Date as of 31st January

Source : School Management Division

Percentage of Primary School Teachers by Gender and Age Group (2021)

Table 5.3 Number of Teachers at Primary Level by Gender and Age Group (2021)

Age Group	<25	25-29	30-34	35-39	40-44	45-49	50-54	55-59	≥60	TOTAL
Male	5	5,010	8,482	11,044	15,123	10,831	10,545	7,467	568	69,075
Female	25	10,440	18,092	31,118	38,824	28,261	23,928	13,770	669	165,127
TOTAL	30	15,450	26,574	42,162	53,947	39,092	34,473	21,237	1,237	234,202

Note : Data as of 31st January 2021

Source : School Division Management

B) Other Agencies
Table 5.4 Number of Teachers at Primary Level in Private Institutions (2021)

Type of Schools	2021
Academic Primary	1,199
International Primary	210
Religious Primary	2,112
TOTAL	3,521

Note : Data as of 31st January 2021

Source : Private Education Division, MOE

Table 5.5 Number of Teachers at Primary Level in Institutions Under Other Government Agencies (2021)

Type of Schools	2021
People Religious Primary School (SRAR)	2,304
State Religious Primary School (SRAN)	870
TOTAL	3,174

Note : Data as of 31st January 2021

Source : JAKIM

5. TEACHERS - SECONDARY

A) MOE Secondary Schools

Table 5.6 Number of Teachers at Secondary Level by Type of Training (2021)

Type of Schools	Graduate	Non-Graduate	Untrained	Total
Regular	145,739	1,678	1,691	149,108
Fully Residential	4,138	6	148	4,292
Religious	3,875	33	359	4,267
Technical	471	-	2	473
Vocational College	8,693	228	209	9,130
Special Education	479	1	-	480
Special Model	945	16	-	961
Sports	386	1	-	387
Art	177	-	6	183
Government Aided Religious School(GARS)	5,620	404	1,271	7,295
Bimbingan Jalinan Kasih	13	-	-	13
Form Six College	1,503	-	-	1,503
TOTAL	172,039	2,367	3,686	178,092

- 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.
 5. Data as of 31st January 2021

Percentage of Secondary School Teachers by Gender (2019-2021)

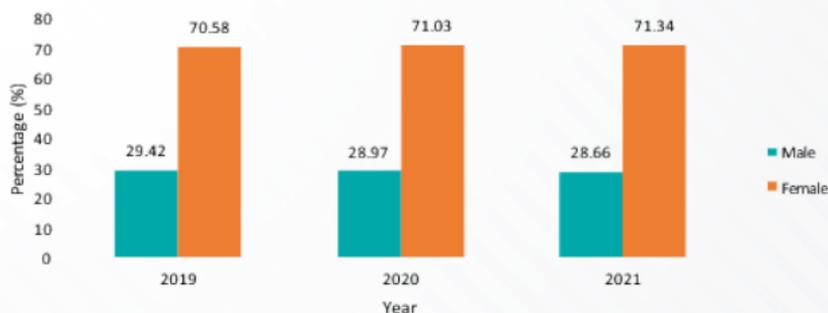


Table 5.7 Number and Percentage of Teachers at Secondary Level by Gender (2019-2021)

Gender	2019	%	2020	%	2021	%
Male	53,717	29.42	52,081	28.97	51,048	28.66
Female	128,870	70.58	127,689	71.03	127,044	71.34
TOTAL	182,587	100.00	179,770	100.00	178,092	100.00

Note : Data as of 31st January
Source : School Management Division

Percentage of Secondary School Teachers by Gender and Age Group (2021)



Table 5.8 Number of Teachers at Secondary Level by Gender and Age Group (2021)

Age Group	<25	25-29	30-34	35-39	40-44	45-49	50-54	55-59	≥60	TOTAL
Male	1	2,491	6,563	8,143	7,459	7,826	9,630	8,192	743	51,048
Female	-	6,427	17,178	28,310	23,234	20,272	20,229	10,812	582	127,044
TOTAL	1	8,918	23,741	36,453	30,693	28,098	29,859	19,004	1,325	178,092

Note : Data as of 31st January 2021

Source : School Management Division

B) Other Agencies/GENIUS

Table 5.9 Number of Teachers at Secondary Level in Private Institutions (2021)

Type of Schools	2021
Academic Secondary	1,338
Chinese Independent Secondary Schools	4,507
International Secondary	581
Religious Secondary	1,053
Correspondence Secondary School	0
TOTAL	7,479

Note : Data as of 31st January 2021

Source : Private Education Division, MOE

Table 5.10 Number of Teachers at Secondary Level in Institutions Under Other Government Agencies (2021)

Type of Schools	2021
People Religious Secondary School (SMAR)	2,384
State Religious Secondary School (SMAN)	2,792
MARA Junior Science Colleges (MJSC)	3,775
Royal Military College (RMC)	63
TOTAL	9,014

Note : 1. Data as of 31st January 2021

2. For RMC the number of teachers includes military academic and IB program
(Including 10 teachers from MOD)

Source : State Religious Department, MARA, Royal Military College

Table 5.11 Number of Teachers at Private Institutions with Two Levels (Primary and Secondary) (2021)

Type of Schools	2021
Expatriate	305
International	7,390
Special Education	110
TOTAL	7,805

Note : Data as of 31st January 2021

Source : Private Education Division, MOE

Table 5.12 Number of Teachers at GENIUS Institutions Level by Gender (2019-2021)

Institutions	2019			2020			2021		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
GENIUS NEGARA	0	466	466	0	497	497	2	493	495
GENIUS@PINTAR	13	29	42	15	30	45	16	34	50
GENIUS INSAN	16	21	37	16	21	37	16	22	38
GENIUS SENI	22	17	39	22	17	39	40	33	73
GENIUS REMAJA	8	12	20	8	11	19	8	13	21
GENIUS KURNIA	13	74	87	9	69	78	18	77	95
TOTAL	72	619	691	70	645	715	100	672	772

Note : Data as of 31st January

Source : GENIUS Division, MOE

6. PUBLIC EXAMINATIONS

Table 6.1 Malaysian Certificate of Education (SPM) (2018-2020)

	2018			2019			2020		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Number of Registered Candidates*	169,951	187,292	357,243	169,500	184,624	354,124	167,787	179,350	347,137
Number of Candidates Present	166,009	185,279	351,288	165,382	182,600	347,982	164,639	177,425	342,064
Number of Passes**	132,760	170,583	303,343	133,324	168,186	301,510	137,244	165,233	302,477
% of Passes	79.97	92.07	86.35	80.62	92.11	86.65	83.36	93.13	88.43
Number of Candidates with all 'A's	2,688	4,183	6,871	2,957	4,456	7,413	2,778	4,810	7,588
% of Candidates with all 'A's	1.62	2.26	1.96	1.79	2.44	2.13	1.69	2.71	2.22
Number of Candidates with all 'G's	3,270	845	4,115	3,121	865	3,986	3,410	800	4,210
% of Candidates with all 'G's	1.97	0.46	1.17	1.89	0.47	1.15	2.07	0.45	1.23

Note : 1. * Only candidates from Government Schools, Government-Aided Schools and Government-Aided Religious Schools.

2. ** Students qualify for a certificate, provided they have a minimum pass (Grade E) in both Bahasa Melayu and Sejarah.

Source : Examination Syndicate, MOE

Table 6.2 Malaysian Certificate of Education (SPM) for Private Candidates (2018-2020)

	2018			2019			2020		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Number of Registered Candidates	21,370	20,287	41,657	22,471	20,751	43,222	21,683	19,616	41,299
Number of Candidates Present*	20,494	19,859	40,353	21,363	20,153	41,516	20,783	19,049	39,832
Number of Passes**	16,935	18,072	35,007	17,833	18,430	36,263	18,306	17,876	36,182
% of Passes	82.63	91.00	86.75	83.48	91.45	87.35	88.08	93.84	90.84
Number of Candidates with all 'A's	702	863	1,565	648	815	1,463	838	985	1,823
% of Candidates with all 'A's	3.43	4.35	3.88	3.03	4.04	3.52	4.03	5.17	4.58
Number of Candidates with all 'G's	220	57	277	280	55	335	177	29	206
% of Candidates with all 'G's	1.07	0.29	0.69	1.31	0.27	0.81	0.85	0.15	0.52

Note : 1. * Candidates include students enrolled in private schools, institutions under other government agencies and private candidates

2. ** 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

3. *** Data revised by Examination Syndicate, MOE

Source : Examination Syndicate, MOE

Table 6.3 Malaysia Vocational Certificate (SVM) (2015-2020)

Year / Cohort		Cohort 2015						Cohort 2016					
		Session 1			Session 2			Session 1			Session 2		
		M	F	T	M	F	T	M	F	T	M	F	T
Number of Registered Candidates		10,734	6,365	17,099	-	-	-	9,726	5,337	15,063	337	87	424
Year / Cohort		Cohort 2017						Cohort 2018					
		Session 1			Session 2			Session 1			Session 2		
		M	F	T	M	F	T	M	F	T	M	F	T
Number of Registered Candidates		9,746	5,026	14,772	-	-	-	8,934	4,725	13,659	-	-	-
Year / Cohort		Cohort 2019											
		Session 1			Session 2								
		M	F	T	M	F	T						
Number of Registered Candidates		5,092	3,461	8,553	4,989	3,398	8,387						
Year / Session quality for SVM		2016						2017					
		Session 1			Session 2			Session 1			Session 2		
		M	F	T	M	F	T	M	F	T	M	F	T
Number of Candidates Present*		420	43	463	10,695	6,386	17,081	-	-	-	9,726	5,337	15,063
Number of Passes **		393	38	431	9,422	6,066	15,488	-	-	-	8,300	5,073	13,373
% of Passes		93.57	88.37	93.09	88.10	94.99	90.67	-	-	-	85.34	95.05	88.78
Year / Session quality for SVM		2018						2019					
		Session 1			Session 2			Session 1			Session 2		
		M	F	T	M	F	T	M	F	T	M	F	T
Number of Candidates Present*		337	87	424	9,425	4,949	14,374	-	-	-	7,862	4,388	12,250
Number of Passes **		238	86	324	7,673	4,615	12,288	-	-	-	6,825	4,271	11,096
% of Passes		70.62	98.85	76.42	81.41	93.25	85.49	-	-	-	86.81	97.33	90.58
Year / Session quality for SVM		2020											
		Session 1			Session 2								
		M	F	T	M	F	T						
Number of Candidates Present*		-	-	-	4,989	3,398	8,387						
Number of Passes **		-	-	-	4,449	3,271	7,720						
% of Passes		-	-	-	89.18	96.26	92.05						

- Note : 1. * Candidates that attempt at least 1 subject in semester 4
 2. ** Candidates qualify for a certificate by fulfilling the requirements below:
 I. Minimum grade E in 1104 - Bahasa Melayu
 II. Minimum 2.00 in Academic CGPA
 III. Competent all vocational module
 IV. Minimum 2.67 in Vocational CGPA
 3. Data as of 30th March 2021
 4. Data revised by Examination Syndicate, MOE

Source : Examination Syndicate, MOE

Table 6.4 Malaysian Higher School Certificate (STPM) (2018-2020)

	2018*			2019*			2020*		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Number of Registered Candidates	14,141	30,148	44,289	14,198	31,599	45,797	14,192	30,512	44,704
Number of Candidates Present	13,496	29,358	42,854	13,654	30,847	44,501	13,490	29,493	42,983
Number of Passes (based on the minimum CGPA of 2.0)	11,477	26,763	38,240	11,565	27,797	39,362	11,316	26,217	37,533
% of Passes (based on the minimum CGPA of 2.0)	85.04	91.16	89.23	84.70	90.11	88.45	83.88	88.89	87.32
Number of Passes (minimum full pass for one subject)	13,228	29,056	42,284	13,405	30,519	43,924	13,234	29,174	42,408
% of Passes (minimum full pass for one subject)	98.01	98.97	98.67	98.18	98.94	98.70	98.10	98.92	98.66

Note : 1. Data as of 22nd July 2021

2. * Data revised by Malaysian Examination Council, MOE

Source : Malaysian Examination Council, MOE

Table 6.5 Malaysian Higher School Certificate (STPM) for Private Candidates (2018-2020)

	2018*			2019*			2020*		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Number of Registered Candidates	75	102	177	76	108	184	39	67	106
Number of Candidates Present	66	96	162	70	97	167	33	62	95
Number of Passes (based on the minimum CGPA of 2.0)	45	79	124	45	77	122	22	45	67
% of Passes (based on the minimum CGPA of 2.0)	68.18	82.29	76.54	64.29	79.38	73.05	66.67	72.58	70.53
Number of Passes (minimum full pass for one subject)	61	90	151	63	87	150	27	56	83
% of Passes (minimum full pass for one subject)	92.42	93.75	93.21	90.00	90.00	90.00	81.82	90.32	87.37

Note : 1. Data as of 22nd July 2021

2. * Data revised by Malaysian Examination Council, MOE

Source : Malaysian Examination Council, MOE

Table 6.6 Malaysian Higher Religious Education Certificate (STAM) (2018-2020)

Year	2018			2019			2020		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Number of Registered Candidates*	959	1,637	2,596	1,104	1,620	2,724	971	1,410	2,381
Number of Candidates Present	798	1,375	2,173	871	1,278	2,149	827	1,191	2,018
Number of Passes	598	1,080	1,678	640	981	1,621	608	931	1,539
% of Passes	74.94	78.55	77.22	73.48	76.76	75.43	73.52	78.17	76.26
National Average Grade	2.87	2.83	2.84	2.85	2.80	2.83	2.86	2.72	2.79

Note : 1. * Only candidates from Government Schools and Government-Aided Religious Schools.

2. ** Data revised by Examination Syndicate, MOE

Source : Examination Syndicate, MOE

Table 6.7 Malaysian Higher Religious Education Certificate (STAM) for Private Candidates and Candidates from Other Government Agencies (2018-2020)

Year	SMAN								
	2018			2019			2020		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Number of Registered Candidates	1,982	2,914	4,896	1,823	2,734	4,557	1,305	2,105	3,410
Number of Candidates Present	1,575	2,392	3,967	1,365	2,130	3,495	1,047	1,762	2,809
Number of Passes	1,099	1,797	2,896	988	1,598	2,586	591	1,207	1,798
% of Passes	69.78	75.13	73.00	72.38	75.02	73.99	56.45	68.50	64.01
National Average Grade	3.01	2.9	2.94	2.92	2.86	2.89	3.23	3.01	3.12
Year	SMAR								
	2018			2019			2020		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Number of Registered Candidates	509	470	979	425	408	833	311	286	597
Number of Candidates Present	431	429	860	379	363	742	257	251	508
Number of Passes	180	188	368	148	159	307	97	111	208
% of Passes	41.76	43.82	42.79	39.05	43.80	41.37	37.74	44.22	40.94
National Average Grade	3.71	3.67	3.69	3.78	3.59	3.68	3.63	3.62	3.63
Year	PRIVATE SCHOOL								
	2018			2019			2020		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Number of Registered Candidates	26	31	57	26	25	51	39	37	76
Number of Candidates Present	25	30	55	25	23	48	31	33	64
Number of Passes	13	21	34	13	14	27	14	20	34
% of Passes	52.00	70.00	61.82	52.00	60.87	56.25	45.16	60.61	53.13
National Average Grade	3.41	3.02	3.19	3.51	3.27	3.39	3.54	3.25	3.40
Year	PRIVATE CANDIDATES								
	2017**			2018			2019		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Number of Registered Candidates	164	50	214	207	65	272	138	82	220
Number of Candidates Present	124	40	164	162	58	220	102	73	175
Number of Passes	47	17	64	77	29	106	36	41	77
% of Passes	37.90	42.50	39.02	47.53	50.00	48.18	35.29	56.16	44.00
National Average Grade	3.7	3.66	3.69	3.55	3.29	3.42	3.52	3.12	3.32

Note : 1. * Data for private candidates include those who have registered for STAM for the first time with 10 compulsory subjects.

2. ** Data revised by Examination Syndicate, MOE

Source : Examination Syndicate, MOE

7. TEACHER EDUCATION
Table 7.1 Number of Institutions, Academic Personnel, Administration Personnel and Enrolment Institutes of Teacher Education (ITE) (2019-2021)

	2019	2020	2021
Number of Institutes of Teacher Education	27	27	27
Academic Personnel	2,912	2,703	2,556
% Female	46.36	46.43	46.75
Administration Personnel	2,237	2,137	2,096
% Female	47.79	47.54	47.57
Total Enrolment	15,538	16,298	21,028
% Female	70.76	72.58	70.94

Note : Data as of 31st January 2021

Source : Institute of Teacher Education Malaysia, MOE

Table 7.2 Enrolment and Academic Personnel in Institutes of Teacher Education (2021)

Institute of Teacher Education	Enrolment			Academic Personnel			Administration Personnel		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1 IPG Kampus Perlis	54	123	177	36	24	60	31	36	67
2 IPG Kampus Darulaman	431	909	1340	90	67	157	51	34	85
3 IPG Kampus Sultan Abdul Halim	99	255	354	47	40	87	38	37	75
4 IPG Kampus Pulau Pinang	277	598	875	56	59	115	55	37	92
5 IPG Kampus Tuanku Bainun	284	740	1024	71	62	133	34	39	73
6 IPG Kampus Ipoh	349	1002	1351	105	69	174	52	40	92
7 IPG Kampus Bahasa Melayu	322	646	968	43	61	104	40	38	78
8 IPG Kampus Bahasa Antarabangsa	230	739	969	30	62	92	37	34	71
9 IPG Kampus Ilmu Khas	383	595	978	50	82	132	39	47	86
10 IPG Kampus Pendidikan Teknik	316	840	1156	61	79	140	40	49	89
11 IPG Kampus Pendidikan Islam	456	771	1227	69	87	156	33	47	80
12 IPG Kampus Raja Melewar	106	292	398	35	46	81	34	38	72
13 IPG Kampus Perempuan Melayu	47	793	840	46	54	100	41	36	77
14 IPG Kampus Tun Hussein Onn	88	274	362	35	34	69	37	28	65
15 IPG Kampus Temenggong Ibrahim	296	673	969	58	54	112	47	44	91
16 IPG Kampus Tengku Ampuan Afzan	282	779	1061	61	23	84	41	33	74
17 IPG Kampus Dato' Razali Ismail	390	762	1152	76	37	113	53	38	91
18 IPG Kampus Sultan Mizan	116	228	344	77	20	97	34	39	73
19 IPG Kampus Kota Bharu	92	261	353	64	30	94	39	31	70
20 IPG Kampus Gaya	243	575	818	41	44	85	39	31	70
21 IPG Kampus Kent	204	572	776	41	35	76	36	44	80
22 IPG Kampus Tawau	157	209	366	25	14	39	39	29	68
23 IPG Kampus Keningau	106	289	395	22	14	36	37	29	66
24 IPG Kampus Batu Lintang	288	723	1011	45	36	81	56	31	87
25 IPG Kampus Sarawak	82	191	273	18	15	33	45	41	86
26 IPG Kampus Rajang	76	297	373	16	15	31	24	27	51
27 IPG Kampus Tun Abdul Razak	336	782	1118	43	32	75	47	40	87
TOTAL	6,110	14,918	21,028	1,361	1,195	2,556	1,099	997	2,096

Note : 1. IPGM - Institut Pendidikan Guru Malaysia (Institute of Teacher Education Malaysia)

2. Data as of 31st January 2021

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	35,885
2	Universiti Sains Malaysia	USM	31,674
3	Universiti Kebangsaan Malaysia	UKM	30,844
4	Universiti Putra Malaysia	UPM	28,587
5	Universiti Teknologi Malaysia	UTM	32,900
6	Universiti Utara Malaysia	UUM	32,965
7	Universiti Islam Antarabangsa Malaysia	UIAM	29,254
8	Universiti Malaysia Sarawak	UNIMAS	16,551
9	Universiti Malaysia Sabah	UMS	17,498
10	Universiti Pendidikan Sultan Idris	UPSI	26,554
11	Universiti Teknologi MARA	UiTM	188,701
12	Universiti Sultan Zainal Abidin	UniSZA	12,901
13	Universiti Malaysia Terengganu	UMT	10,323
14	Universiti Sains Islam Malaysia	USIM	13,608
15	Universiti Tun Hussein Onn Malaysia	UTHM	18,581
16	Universiti Teknikal Malaysia Melaka	UTeM	14,937
17	Universiti Malaysia Pahang	UMP	13,607
18	Universiti Malaysia Perlis	UniMAP	13,176
19	Universiti Malaysia Kelantan	UMK	11,058
20	Universiti Pertahanan Nasional Malaysia	UPNM	4,972
TOTAL			584,576

Note : Data as of 31st December 2020

Source : Policy Planning and Research 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		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1 Education	3,238	8,770	12,008	11,804	30,265	42,069	1,719	5,088	6,807
2 Arts and Humanities	6,106	11,208	17,314	19,667	34,695	54,362	3,679	7,676	11,355
3 Social Sciences, Business and Law	18,688	41,311	59,999	64,372	133,517	197,889	11,143	28,171	39,314
4 Science, Mathematics and Computer	12,032	18,758	30,790	36,136	55,317	91,453	6,202	12,228	18,430
5 Engineering, Manufacturing and Construction	20,761	16,115	36,876	72,068	57,285	129,353	13,741	11,308	25,049
6 Agriculture and Veterinary	1,591	2,295	3,886	4,706	6,314	11,020	1,235	1,800	3,035
7 Health and Welfare	2,146	6,119	8,265	9,787	25,640	35,427	1,402	4,036	5,438
8 Services	3,126	4,450	7,576	8,397	12,795	21,192	2,234	3,038	5,272
9 General Programmes	424	572	996	683	1,128	1,811	4	5	9
TOTAL	68,112	109,598	177,710	227,620	356,956	584,576	41,359	73,350	114,709

Note : Data as of 31st December 2020

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

8. TERTIARY EDUCATION - HIGHER EDUCATION SECTOR

Table 8.3 Percentage and Ratio of Students at Public Universities by Gender

Male		Female		Enrolment	Student Ratio Male to Female 1 : 1.57
Number	%	Number	%		
227,620	38.94	356,956	61.06	584,576	

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

Table 8.4 Enrolment and Percentage by Citizenship at Public Universities

Local Student	%	International Student	%	Total
550,871	94.23	33,705	5.77	584,576

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

Table 8.5 Enrolment and Percentage by Level of Study at Public Universities

Under Graduate	%	Post Graduate	%	Others	%	Total
492,257	84.21	92,319	15.79	0	0.00	584,576

Note : 1. Undergraduate includes Advanced Diploma, Degree, Diploma, Matriculation, Professional, Pre Diploma, Certificate & Pre Session

2. Postgraduate includes Masters and Ph.D

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

Table 8.6 Student and Academic Staff Ratio at Public Universities

Academic Staff (A)*	Enrolment (B)**	Ratio (A:B)
31,508	584,576	1 : 18.55

Note : 1. * Academic Staff - data as of 31st December 2020

2. ** Enrolment - data as of 15th December 2020

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

9. EDUCATIONAL EXPENDITURE

Table 9.1 Percentage of Actual Total Educational Expenditure Against Total Government Expenditure (2019-2021)

	Percentage (%)		
	2019	2020	2021
Educational Expenditure to Government Expenditure	19.29	16.76	16.37

Note : 1. Official Federal Government Expenditure Report for year 2020 has not been released by Accountant General's Department therefore figures exhibited are as per Budget Book
2. Data for year 2021 are as per Budget Book

Source : Finance Division, MOE

Table 9.2 Actual Educational Capital and Recurrent Expenditure at Current Price (2019-2021)

	(RM Millions)		
	2019	2020	2021
Capital	4,682	2,131	3,088
Recurrent Expenditure	55,752	47,977	47,271
TOTAL	60,435	50,108	50,358

Note : 1. Official Federal Government Expenditure Report for year 2020 has not been released by Accountant General's Department therefore figures exhibited are as per Budget Book
2. Data for year 2021 are as per Budget Book

Source : Finance Division, MOE

Table 9.3 Percentage of Actual Educational Capital and Recurrent Expenditure (2019-2021)

	Percentage (%)		
	2019	2020	2021
Capital	7.75	4.25	6.13
Recurrent Expenditure	92.25	95.75	93.87

Note : 1. Official Federal Government Expenditure Report for year 2020 has not been released by Accountant General's Department therefore figures exhibited are as per Budget Book
2. Data for year 2021 are as per Budget Book

Source : Finance Division, MOE

Table 9.4 Actual Educational Recurrent Expenditure by Category (2019-2021)

Category	RM (Millions)		
	2019	2020	2021
Emolument	38,630.72	38,111.14	38,935.71
Service & Supply	3,917.53	5,602.77	4,010.44
Asset	127.30	101.86	110.00
Fixed Charges & Grants	13,071.43	4,161.25	4,214.77
Other Expenditure	5.19	0.03	0.03
TOTAL	55,752.17	47,977.05	47,270.94

Note : 1. Official Federal Government Expenditure Report for year 2020 has not been released by Accountant General's Department therefore figures exhibited are as per Budget Book
2. Data for year 2021 are as per Budget Book

Source : Finance Division, MOE

Table 9.5 Percentage of Recurrent Educational Expenditure by Category (2019-2021)

Category	Percentage (%)		
	2019	2020	2021
Emolument	69.29	79.44	82.37
Services & Supply	7.03	11.68	8.48
Asset	0.23	0.21	0.23
Fixed Charges & Grants	23.45	8.67	8.92
Other Expenditure	0.01	0.00	0.00

Note : 1. Official Federal Government Expenditure Report for year 2020 has not been released by Accountant General's Department therefore figures exhibited are as per Budget Book
2. Data for year 2021 are as per Budget Book

Source : Finance Division, MOE

10. ECONOMIC INDICATORS

Table 10.1 Economic Indicators (2019 - 2021)

	2019 ^p	2020 ^p	2021 ^f
GDP			
GDP: Real Growth Rate (%)	4.3	-5.6	6.5 - 7.5 ¹
GNI: Per Capita (RM)	45,212	42,531	46,101 ¹
GDP Composition by Sector (% of growth)	2019^p	2020^p	2021^f
Agriculture, forestry and fishing	2.0	-2.2	4.7 ¹
Mining and quarrying	-2.0	-10	4.1 ¹
Manufacturing	3.8	-2.6	7.0 ¹
Construction	0.1	-19.4	13.9 ¹
Services (including government services)	6.1	-5.5	7.0 ¹
inflation rate (CPI) (% of growth)	0.7	-1.2	2.5 ¹
Federal Government Finance (RM million)	2019	2020^p	2021^b
Revenue	264,415	225,075	236,900 ²
Operating Expenditure	263,343	224,600	236,540 ²
Development Expenditure	54,173	51,360	69,000 ²
Employment by Sector (% of share)	2019	2020^p	2021^f
Agriculture, forestry and fishing	10.2	10.9 ¹	10.2 ¹
Mining and quarrying	0.6	0.6 ¹	0.6 ¹
Manufacturing	17.8	17.0 ¹	17.4 ¹
Construction	8.5	8.2 ¹	8.5 ¹
Services	62.9	63.3 ¹	63.3 ¹
Unemployment rate (%)	2019	2020^p	2021^f
	3.3	4.2 ¹	3.5 ¹
Labour Force (million persons)	2019	2020^p	2021^f
	15,581.6	15,737.4 ¹	15,901.5 ¹

Note : ^p Preliminary
: ^e Estimate
: ^f Forecast
: ^b Budget estimate, excluding 2021 budget measures

¹ Economic Outlook 2021, Ministry of Finance, Malaysia.

² Fiscal Outlook 2021, Ministry of Finance, Malaysia.

Source : Department of Statistics, Malaysia (DOSM); Ministry of Finance, Malaysia (MOF)

11. DEMOGRAPHIC INDICATORS

Table 11.1 Population by Age Group (2019 - 2020)

Age Group	2019 (Number in Millions)		2020 ^e (Number in Millions)	
	Number	Percentage	Number	Percentage
0-3	2.1	6.5	2.0	6.1
4-5	1.0	3.1	1.1	3.4
6-11	3.0	9.2	3.0	9.2
12-14	1.5	4.6	1.5	4.6
15-16	1.1	3.4	1.1	3.4
17-18	1.2	3.7	1.1	3.4
19-23	3.1	9.5	3.1	9.5
24-29	3.9	12.0	3.9	12.0
30-39	5.4	16.6	5.4	16.6
40-49	3.7	11.4	3.8	11.6
50-59	3.1	9.5	3.1	9.5
60-69	2.0	6.2	2.1	6.4
70-79	1.0	3.1	1.0	3.1
80+	0.4	1.2	0.4	1.2
Total	32.5	100.0	32.6	100.0

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 estimates

Source : Department of Statistics (DOS), Malaysia

Table 11.2 Population by State (2019- 2020)

State	2019 (Number in Millions)		2020 ^e (Number in Millions)	
	Number	Percentage	Number	Percentage
Johor	3.8	11.7	3.8	11.6
Kedah	2.2	6.7	2.2	6.7
Kelantan	1.9	5.8	1.9	5.8
Melaka	0.9	2.8	0.9	2.8
N. Sembilan	1.1	3.4	1.1	3.4
Pahang	1.7	5.2	1.7	5.2
Perak	2.5	7.7	2.5	7.6
Perlis	0.3	0.9	0.3	0.9
Pulau Pinang	1.8	5.5	1.8	5.5
Selangor	6.5	19.9	6.5	19.9
Terengganu	1.2	3.7	1.3	4.0
Sabah	3.9	12.0	3.9	11.9
Sarawak	2.8	8.6	2.8	8.6
WPKL	1.8	5.5	1.8	5.5
WP Labuan	0.1	0.3	0.1	0.3
WP Putrajaya	0.1	0.3	0.1	0.3
Total	32.6	100.0	32.7	100.0

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 estimates

Source : Department of Statistics (DOS), Malaysia

Table 11.3 Population by Region and Strata (2019 - 2020)

REGION	POPULATION (in millions)			
	2019		2020 ^e	
	Urban	Rural	Urban	Rural
Peninsular Malaysia	20.7	5.0	20.9	4.9
Sabah & W.P Labuan	2.4	1.6	2.5	1.5
Sarawak	1.7	1.1	1.7	1.1
Total	24.8	7.7	25.1	7.5

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 estimates

Source : Department of Statistics (DOS), Malaysia

Table 11.4 Population by Strata (2019 - 2020)

LOCATION	2019		2020 ^e	
	Population ('000)	%	Population ('000)	%
Urban	24,769.2	76.2	25,048.2	76.7
Rural	7,753.8	23.8	7,609.1	23.3
Total	32,523.0	100.0	32,657.3	100.0

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 estimates

Source : Department of Statistics (DOS), Malaysia

Table 11.5 Birth, Death and Fertility Rates (2017- 2019)

	2017	2018	2019 ^e
Crude birth rate (per 1,000 population)	15.90	15.80	15.60
Crude death rate (per 1,000 population)	5.3	5.3	5.4
Infant mortality rate (per 1,000 live births)	6.9	7.2	7.2
Total Fertility Rate (per woman aged 15-49 years)	1.90	1.90	1.80

Note : ^e estimate figures

: Birth and death indicator for 2020^e are not published

Source : Department of Statistics, Malaysia (DOSM)

Table 11.6 Literacy Rate (2018-2020)

	2018			2019			2020		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Literacy Rate Age 10 and above (%)	97.6	94.9	96.3	97.6	95.1	96.4	97.7	95.5	96.6
Literacy Rate, Adult (Age 15+) (%)	97.4	94.4	95.9	97.4	94.6	96.0	97.5	95.1	96.3
Literacy Rate, Youth (Age 15-24) (%)	99.0	99.3	99.1	99.1	99.2	99.1	99.1	99.3	99.2

Note : 1. Definition of literacy : has received formal education

2. Population figures are derived from the Labour Force Survey and excludes non-Malaysian citizens

Source : Labour Force Survey, Department of Statistics (DOS), Malaysia

Table 11.7 Educational Attainment (2018-2020)

	2018			2019			2020		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Educational Attainment, Ages 25+, No Formal Education (%)	4.1	7.7	5.8	3.9	7.4	5.6	3.6	6.7	5.2
Educational Attainment, Ages 25+, Primary (%)	18.8	18.1	18.5	17.7	17.5	17.6	15.5	15.8	15.7
Educational Attainment, Ages 25+, Secondary (%)	53.6	48.2	51.0	54.5	48.4	51.5	54.8	49.7	52.3
Educational Attainment, Ages 25+, Tertiary (%)	23.5	26.1	24.7	23.9	26.7	25.3	26.1	27.8	27.0

	2018			2019			2020		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Educational Attainment, Ages 15+, No Formal Education (%)	3.9	6.5	5.2	3.8	6.4	5.0	3.4	5.7	4.6
Educational Attainment, Ages 15+, Primary (%)	16.0	14.7	15.4	14.9	14.4	14.6	13.0	12.9	13.0
Educational Attainment, Ages 15+, Secondary (%)	55.5	50.0	52.8	56.3	50.1	53.3	57.4	52.4	54.9
Educational Attainment, Ages 15+, Tertiary (%)	24.7	28.8	26.7	25.1	29.2	27.1	26.1	29.0	27.6

Source: Labour Force Survey, Department of Statistics Malaysia (DOSM)

12. MALAYSIA EDUCATION INDICATORS
Table 12.1 Enrolment Rates (2018-2020)

	2018	2019	2020
Primary*			
Enrolment	2,835,088	2,912,744	2,953,324
Population 6+ - 11+**	2,896,400	2,968,001	3,006,685
Enrolment Rate (%)	97.88	98.14	98.23
Lower Secondary			
Enrolment	1,354,572	1,354,615	1,345,887
Population 12+ - 14+**	1,422,071	1,414,210	1,412,259
Enrolment Rate (%)	95.25	95.79	95.30
Upper Secondary			
Enrolment	853,804	847,170	838,033
Population 15+ - 16+**	987,562	964,415	952,129
Enrolment Rate (%)	86.46	87.84	88.02
Post Secondary			
Enrolment***	186,948	188,324	177,600
Population 17+ - 18+**	1,051,267	1,045,752	986,919
Enrolment Rate (%)	17.78	18.01	18.00

Note : 1. * Excluding pre-school enrolment in primary schools.

2. ** Based on Live Birth

3. *** 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 (2018-2020)

	Percentage (%)		
	2018	2019	2020
From Year 6 to Form 1	96.81	98.42	97.92
From Form 3 to Form 4	96.76	97.50	97.67

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

Source : Educational Planning and Research Division

Table 12.3 Pupil-Teacher Ratio (2018-2020)

	Percentage (%)		
	2018	2019	2020
Primary	11.73	12.06	12.03
Secondary	11.31	11.21	10.66

Source : Educational Planning and Research Division

Table 12.4 Average Class Size (Pupils per Class) (2018-2020)

	2018	2019	2020
Primary	25.60	25.73	25.77
Secondary	25.18	20.94	25.04

Source : Malaysia Educational Statistics (2018-2020), EPRD, MOE.

Table 12.5 Average School Size (Pupils per School) (2018-2020)

	2018	2019	2020
Primary	347	351	352
Secondary	853	839	815

Source : Educational Planning and Research Division

13. WORLD EDUCATION INDICATORS

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

ISCED	Level of Education	Enrolment (2018)	Enrolment (2019)	Enrolment (2020)
0	Pre-School	999,557	1,003,871	997,968
1	Primary	3,084,630	3,032,323	-
2	Lower Secondary	1,348,161	1,345,080	1,337,514
3	Upper Secondary	1,244,809	1,257,136	1,175,921
4	Post Secondary	-	-	-
5	Short Cycle Tertiary	458,065	398,615	355,219
6	Bachelors Degree	685,571	680,068	698,971
7	Master	98,052	95,047	90,634
8	Ph.D	43,188	44,516	47,949

Note : ISCED - International Standard Classification of Education
Source : UNESCO Institute for Statistics (UIS)

Table 13.2 Gross Enrolment Ratio : Primary and Secondary Education

	Finland	Malaysia	Japan	Germany	Australia	Republic of Korea	UK	USA
Reference year	2018	2017	2018	2018	2018	2018	2018	2018
Primary	102.21	105.29	...	103.89	100.16	99.61	101.00	101.26
Secondary	154.82	83.75*	...	97.59	132.77	98.51	102.78	99.28

Note : 1. ... - data not available
2. * - 2019

Source : UNESCO Institute for Statistics (UIS)

Table 13.3 School Life Expectancy

	Finland	Malaysia	Japan	Germany	Australia	Republic of Korea	UK	USA
Reference year	2018	2019	...	2018	2018	2018	2018	2018
Pre-primary	3.41	1.96	...	3.26	1.66	2.81	2.14	2.16
Primary and secondary	14.82	11.43*	...	12.78	14.67	11.85	14.28	12.02
Tertiary	4.29	2.20**	...	3.30	5.08	4.65	2.96	3.99
Primary to Tertiary	19.48	13.68*	...	16.93	20.51	16.49	17.25	16.28

Note : 1. ... data not available
2. * - 2017
3. ** - 2019

Source : UNESCO Institute for Statistics (UIS)

Table 13.4 Achieving at Least a Minimum Proficiency Level in Reading at the End of Primary

	Finland	Germany	Malaysia	Philippines	Singapore	UK	USA	Vietnam
Reference year	2016	2016	2019	2019	2016	2016	2016	2019
Minimum proficiency level in reading at the end of primary	98.29	94.51	58.00	10.00	97.25	96.83	96.09	82.00

Note : Data based on SEA-PLM result 2016 - 2019

Table 13.5 Share of Population by Educational Attainment, Population Aged 25 Years and Older

	Finland	Malaysia	Japan	Germany	Australia	Republic of Korea	UK	USA
Reference year	2017	2016	2010	2018	2018	2015	2017	2018
Population (000)	3,982	17,428	98,504	63,100	17,002	37,114	47,018	221,971
No Schooling (%)	x(LS)	6.1	0.1	-	0.2	3.5	-	0.3
Incomplete Primary (%)	x(LS)	x(NS)	0.3	-	x(P)	1.0	-	0.6
Primary (%)	x(LS)	19.7	x(LS)	3.7	6.1	9.8	0.2	3.0
Lower Secondary (%)	24.5	15.9	16.7	12.8	14.7	9.3	17.7	6.2
Upper Secondary (%)	39.3	37.4	39.9	47.8	29.2	36.1	25.8	44.6
Post-secondary non-tertiary (%)	1.0	2.0	x(US)	9.8	4.9	-	-	-
Short-Cycle Tertiary (%)	10.9	7.5	12.6	0.6	11.2	11.6	8.0	10.2
Bachelors Degree (%)	12.4	9.7	17.3	13.9	23.3	24.2	17.2	21.9
Masters Degree (%)	10.8	1.3	x(B)	9.9	6.5	3.7	8.4	11.0
Doctoral Degree (%)	1.1	0.3	x(B)	1.3	11.1	0.8	1.1	2.0
Unknown (%)	-	-	13.1	0.3	-	-	21.7	-

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
 . data not applicable
 - magnitude null or negligible

Source : UNESCO Institute for Statistics (UIS)

Table 13.6 Government Expenditure on Education as Percentage of GDP (%)

	Finland	Malaysia	Japan	Germany	Australia	Republic of Korea	UK	USA
Reference year	2017	2019	2017	2017	2017	2017	2017	2017
Primary	1.34	1.52	1.12	0.63	1.70	1.47	1.73	1.57
Secondary	2.35	1.56	1.33	2.00	1.66	1.79	2.01	1.74
Tertiary	1.66	0.95	0.64	1.25	1.29	0.89	1.45	1.45

Source : UNESCO Institute for Statistics (UIS)

14. MALAYSIA IN INTERNATIONAL ASSESSMENTS

Table 14.1 Programme for International Student Assessment (PISA)

Proportion of 15 years old students 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
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
2018	48.0	61.9	55.1	56.8	61.1	59.0	62.3	66.7	64.5

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

- Science : engage in science-related issues as a critical and informed citizen. Students demonstrate basic or everyday scientific knowledge, and a basic understanding of scientific enquiry which they can apply mostly in familiar contexts.
- Reading : demonstrate the reading skills that will enable them to participate effectively and productively in life. Students begin to demonstrate the capacity to use their reading skills to acquire knowledge and solve a wide range of practical problems.
- Mathematics : use basic algorithms, formulae, procedures or conventions to solve problems involving whole numbers students begin to demonstrate the ability and initiative to use mathematics in simple real-life situations.

Mean Performance Score

Year	Reading	Mathematics	Science
2012	398	421	420
2015	431	446	443
2018	415	440	438
OECD Average (2018)	487	489	489

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	71.0	65.4	57.9	66.4	62.2
2015	73.4	78.1	75.8	74.2	88.5	77.4
2019	71.0	76.2	73.6	71.8	76.2	74.0

Note : Minimum proficiency level refers to Low International Benchmark where:

- Mathematics : Students have some knowledge of whole numbers and basic graphs.
- Science : Students show some basic knowledge of Biology, Chemistry, Physics and Earth Science.

Source : International Association for the Evaluation of Educational Achievement (IEA), 2019

Average Scale Score

Year	Mathematics	Science
2011	440	426
2015	465	471
2019	461	460

Table 14.3 The Southeast Asia Primary Learning Metrics (SEA-PLM)

Percentage of Grade 5 children at the end of primary school achieving the minimum proficiency scales.

Year	Reading			Writing			Mathematics		
	Male	Female	All	Male	Female	All	Male	Female	All
2019	50.4	65.9	58.2	N/A	N/A	N/A	60.8	67.8	64.3

Note : a) Reading: Children operating in SEA-PLM Band 6 and above appear to have a reading proficiency that meets or exceeds SDG 4.1.1b 'end of primary' indicator.

SDG 4.1.1b indicator defines minimum proficiency in reading for 'end of primary' as:

"Students independently and fluently read simple, short narrative and expository texts. They locate explicitly-stated information. They interpret and give some explanations about the key ideas in these texts. They provide simple, personal opinions or judgements about the information, events and characters in a text." (Expanded definition, GAML, 2019, p. 16)

- b) Mathematics: Children operating in SEA-PLM Band 6 and above appear to have a mathematical proficiency that meets or exceeds SDG 4.1.1b 'end of primary' indicator. SDG 4.1.1b indicator defines minimum proficiency in mathematics for 'end of primary' as: "Students can add and subtract whole numbers within 1,000 and demonstrates fluency with multiplication facts up to 10×10 and related division facts; solve simple real-world problems with whole numbers using the 4 operations (consistent with the grade and performance level) and identify simple equivalent fractions; select and use a variety of tools to measure and compare length, weight and capacity/volume; understand the relationships between different units of time, e.g. seconds, minutes, hours, days, weeks, months, and years; retrieve multiple pieces of information from data displays to solve problems; recognise and name 2-dimensional shapes by their simple attributes; and apply the concept of equivalence by finding a missing value in a number sentence." (Expanded definition, GAML, 2019, p. 29)

- c) Writing: There is no SDG 4.1.1 indicator set for the literacy skill of writing.

Source : UNICEF & SEAMEO. (2020). SEA-PLM 2019 Main Regional Report, Children's learning in 6 Southeast Asian countries.

Bangkok, Thailand: United Nations Children's Fund (UNICEF) & Southeast Asian Ministers of Education Organization (SEAMEO) - SEA-PLM Secretariat.

Average Score

Year	Reading		Writing		Mathematics	
	Male	Female	Male	Female	Male	Female
2019	314.3	323.4	311.8	323.1	313.1	316.3

15. MALAYSIA IN INTERNATIONAL COMPETITIVENESS REPORTS (Education related indicators only)

Table 15.1 UN E-Government Survey (Human Capital Index)

	2016	2018	2020
Adult literacy (%)	94.60	94.64	93.73
Gross enrolment ratio (%)	71.10	68.93	78.66
Expected years of schooling (years)	12.70	12.93	13.50
Mean years of schooling (years)	10.00	10.10	10.20
Score	0.70	0.69	0.75
Component Ranking	93	100	85

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

Table 15.2 Global Innovation Index (Human Capital & Research)

	2019	2020
Expenditure on education, %GDP	4.70	4.50
Government expenditure/pupil, secondary, % GDP/capita	23.00	22.80
School life expectancy, years	13.50	13.70
PISA scales in reading, mathematics & science	412.70	430.90
Pupil-teacher ratio, secondary	12.30	11.40
Score	44.20	46.0
Component Ranking	33	29

Note : Human Capital & Research component consists of twelve indicators with five Education Indicators, three Tertiary Indicators and four Research & Development Indicators

Source : INSEAD and World Intellectual Property Organisation (WIPO), 2020

Table 15.3 The Global Competitiveness Report - Skills (6th Pillar)

Skills	2020	2021
Mean years of schooling	10.5	10.2
Quality of vocational training (SD)	5.3	5.1
Skillset of graduates (SD)	5.3	5.1
Digital skills among population (SD)	5.4	5.4
School life expectancy	13.7	13.5
Critical thinking in teaching (SD)	4.7	4.6
Pupil-to-teacher ratio in primary education	11.6	11.7

Note : SD - Soft Data from Executive Opinion Survey ; HD - Hard Data sourced from UNESCO Institute of Statistics (UIS)

Source : World Economics Forum (WEF), 2021

Table 15.4 World Competitiveness Yearbook (Education)

	2020	2021
Total Public Expenditure on Education (%GDP)	4.4	4.2
Total Public Expenditure on Education per capita (USD)	492	477
Total Public Expenditure on Education per student, all levels (USD)*	1745	3188
Pupil-Teacher Ratio (Primary)	11.7	11.7
Pupil-Teacher Ratio (Secondary)	11.7	11.3
Secondary Gross Education Enrolment Rate	90.5	90.5
Educational Assessment (Mathematics)(PISA survey of 15-year olds)	440	440
Educational Assessment (Sciences)(PISA survey of 15-year olds)	438	438
Primary and Secondary education meets the needs of a competitive economy (SD)	6.53	6.11
Adult (over 15 years) illiteracy rate as a percentage of population	5.1	5.1
Language Skills are meeting the needs of enterprises (SD)	6.82	6.66
Component Ranking	37	39

Note : Data provided by MOE

SD - Soft Data from Executive Opinion Survey

Source : Institute for Management Development (IMD), 2021

Table 15.5 The Future of Jobs Report - Education and Skills (6th Pillar)

Education and Skills	2020
Digital skills among active population* (SD)	66.30%
Attainment of basic education (HD)	74.20%
Business relevance of basic education* (SD)	58.40%
Attainment of advanced education (HD)	18.80%
Business relevance of tertiary education* (SD)	65.20%
Supply of business-relevant skills* (SD)	64.40%
Share of youth not in employment, education or training (ILO est)	12.20%

Note : 1. * The figures presented for these indicators are rebased 0-100% progress scores, with 0 being the worst performance, and 100 being the best performance.

2. SD - Soft Data from Executive Opinion Survey ; HD - Hard Data sourced from UNESCO Institute of Statistics (UIS)

Source : World Economics Forum (WEF), 2020

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 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
MOD	Ministry of Defence
NVTC	National Vocational Training Centre
PERPADUAN	National Unity and Integration Department
GARS	Government-Aided Religious School (Sekolah Agama Bantuan Kerajaan)
SEIP	Special Education Integration Programme
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