



KEMENTERIAN PENDIDIKAN



MALAYSIA
EDUCATIONAL STATISTICS





KEMENTERIAN PENDIDIKAN

WITH BEST
COMPLIMENTS



EDUCATIONAL POLICY PLANNING AND RESEARCH DIVISION



Malaysia Educational Statistics

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PREFACE

DIRECTOR

Educational Policy Planning and Research Division a.i.
Ministry of Education Malaysia



Firstly, I would like to welcome the 2022 edition of the Quick Facts (QF), one of the annual statistical publications by the Educational Policy Planning and Research Division (EPRD), Ministry of Education Malaysia. This pocket size book summarizes the latest data on education in Malaysia, as well as selected indicators for national and international levels.

QF 2022 compiles data from both the government and private agencies, which includes enrolment, schools, classes, teachers, educational outcomes, and educational expenditures. This publication has also included several important indicators on education, economics, demographics, and the country's performance in international assessments and international competitiveness reports.

This 2022 edition has revised tables on special education as to better reflect the data on enrolment at a special education school, special education integration programme and inclusive programme based on the type of disabilities. In addition, two new tables had also been included in chapter five and twelve, on the number of teachers in institutions under other government agencies with two levels (primary and secondary) and completion rate, respectively.

I believed that QF 2022 will be able to provide some insights on the educational data for policy makers, officers, researchers, and analysts so as to facilitate data-driven decision making and evidence-based evaluation for the betterment of our education system. I also hope that this book could help other agencies, international organizations, and public to better understand the Malaysian education system through data.

Finally, I would like to express my gratitude to officers from the EPRD, other divisions within the Ministry of Education, as well as other agencies who have shown their effort and cooperation in providing data for this book. Once again, I would like to congratulate everyone involved directly or indirectly in realising the publication of the Quick Facts 2022.

A handwritten signature in black ink, appearing to be 'Zainal Bin Abas'. The signature is stylized and written in a cursive-like font.

ZAINAL BIN ABAS



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 2021 ^e ('000)	:
Malaysia	: 32,655.4
i Peninsular Malaysia:	25,900.1
ii Sabah	: 3,833.0
iii Sarawak	: 2,822.2
iv W.P. Labuan	: 100.1
Population Growth Rate (%) (2021 ^e)	: 0.2
Life Expectancy at Birth (2021 ^e)	: 73.2 (Male)
	: 78.3 (Female)
Age Structure ('000)	: 0 - 5 years - 2,995.6
	: 6 - 14 years - 4,517.5
	: 15 - 59 years - 21,494.1
	: 60 years and above - 3,648.1
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 Dato' Sri Ismail Sabri bin Yaakob)
Minister of Education	: YB Datuk Dr. Radzi Jidin

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

: The added total may differ due to rounding.

: ^eestimates.

Source : DOSM.

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ABBREVIATIONS AND SYMBOLS

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GENERAL INFORMATION

Number of Schools, Enrolment, and Teachers (2022)

	Schools	Enrolment			Teachers		
		Male	Female	Total	Male	Female	Total
Preschool	6,244	103,439	102,907	206,346	1,026	8,251	9,277
Primary	7,776	1,421,037	1,347,446	2,768,483	68,936	167,429	236,365
Secondary	2,449	1,038,274	1,022,070	2,060,344	51,043	131,136	182,179
TOTAL	10,225	2,459,311	2,369,516	4,828,827	119,979	298,565	418,544

Note : Data as of 30th April 2022.

: Data from educational institutions under the MOE only.

: Total excludes preschool.

Source : MOE (EPRD and School Management Division).

1. PRESCHOOL

A) MOE Preschools

Table 1.1 Number of Preschools, Classes, Teachers, and Enrolment in Preschools (2020-2022)

	2020	2021	2022*
Preschools	6,215	6,203	6,244
Classes	9,609	9,651	9,704
Teachers	9,567	9,158	9,277
Enrolment	207,737	200,143	206,346

Note : Data as of 30th April 2022.

: *For year 2022, data include KPM preschool at the Institute of Teacher Education.

Source : MOE (EPRD).

B) Other Agencies

Table 1.2 Number of Preschools, Classes, Teachers, and Enrolment in Institutions Under Other Government Agencies and Private Institutions (2022)

Agency	Preschools	Classes	Teachers	Enrolment
ABIM	184	484	641	6,064
JAIN*	864	1,934	3,129	28,502
PERPADUAN	1,781	1,781	3,452	36,957
KEMAS	8,219	10,767	21,023	206,642
Private**	7,750	28,974	37,553	269,260
TOTAL	18,798	43,940	65,798	547,425

Note : Data as of 30th April 2022.

: *Including private islamic preschool registered with JAKIM.

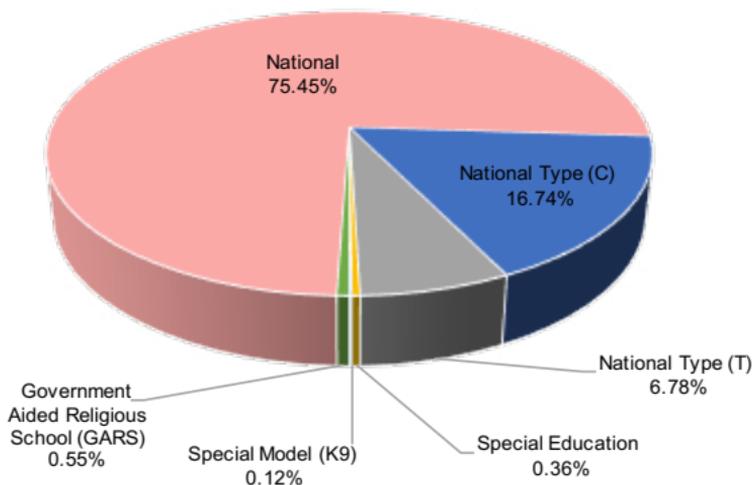
: **Data for teacher include teacher assistants.

Source : JAKIM, Department of National Unity and Integration, MOE (Private Education Division), ABIM.



2. SCHOOLS - PRIMARY

Percentage of MOE Primary Schools (2022)



A) MOE Primary Schools

Table 2.1 Number of Primary Schools (2020-2022)

Type of Schools	2020			2021			2022*		
	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total
National	2,805	3,071	5,876	2,805	3,069	5,874	2,800	3,067	5,867
National Type (C)	877	422	1,299	878	423	1,301	880	422	1,302
National Type (T)	369	158	527	370	157	527	370	157	527
Special Education	25	3	28	25	3	28	25	3	28
Special Model (K9)	1	7	8	1	7	8	1	8	9
Government Aided Religious School (GARS)	28	13	41	29	14	43	29	14	43
TOTAL	4,105	3,674	7,779	4,108	3,673	7,781	4,105	3,671	7,776

Note : *Data as of 30th April 2022.

Source : MOE (EPRD).



2. SCHOOLS - PRIMARY

Percentage of Classes in MOE Primary Schools (2022)

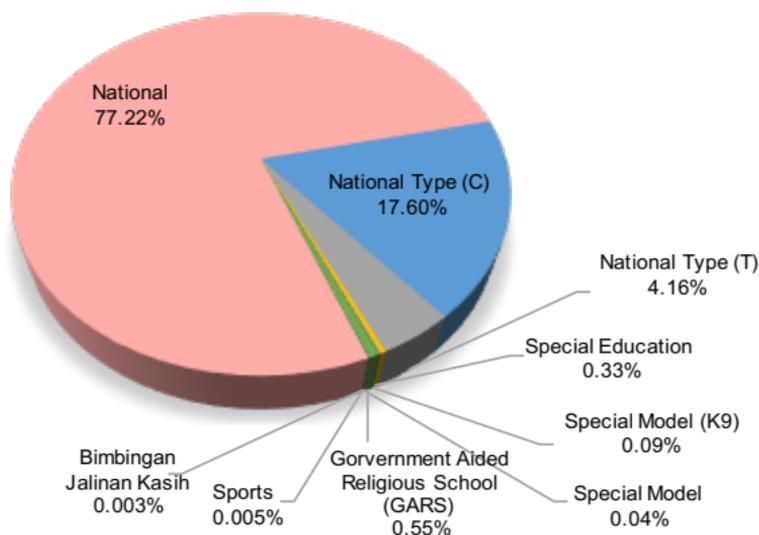


Table 2.2 Number of Classes in Primary Schools (2020-2022)

Type of Schools	2020	2021	2022*
National	81,790	82,057	82,381
National Type (C)	19,119	18,913	18,773
National Type (T)	4,435	4,434	4,435
Special Education	326	337	349
Special Model (K9)**	80	80	97
Government Aided Religious School (GARS)	567	585	590
Special Model**	45	34	44
Sports	6	3	5
Bimbingan Jalinan Kasih	4	4	3
TOTAL	106,372	106,447	106,677

Note : *Data as of 30th April 2022.

: **Data only include primary classes in Special Model and K9 Schools.

Source : MOE (EPRD and School Management Division).



B) Other Agencies

Table 2.3 Number of Primary Schools in Private Institutions (2022)

Type of Schools	2022
Academic Primary	69
International Primary	6
Religious Primary	63
TOTAL	138

Note : Data as of 30th April 2022.
Source : MOE (Private Education Division).

Table 2.4 Number of Primary Schools in Institutions Under Other Government Agencies (2022)

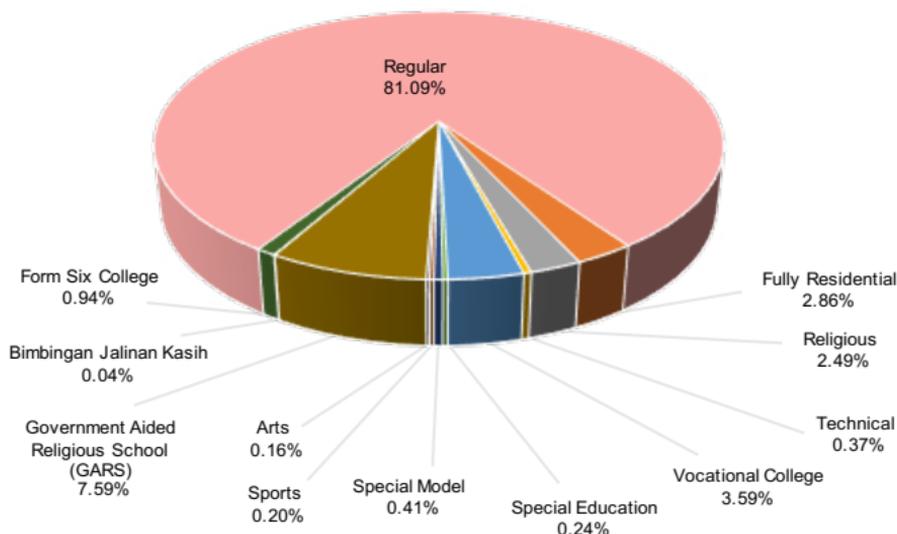
Type of Schools	2022
People Religious Primary School (SRAR)	253
State Religious Primary School (SRAN)	1,006
Private Religious Primary School (SRAS)	499
Private Tahfiz Primary School	24
TOTAL	1,782

Note : Data as of 30th April 2022.
Source : JAKIM.



2. SCHOOLS - SECONDARY

Percentage of MOE Secondary Schools (2022)



A) MOE Secondary Schools

Table 2.5 Number of Secondary Schools (2020-2022)

Type of Schools	2020			2021			2022*		
	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total
Regular	1,434	552	1,986	1,430	554	1,984	1,433	553	1,986
Fully Residential	58	11	69	58	11	69	58	12	70
Religious	42	18	60	42	18	60	43	18	61
Technical	8	1	9	8	1	9	8	1	9
Vocational College	69	19	88	69	20	89	68	20	88
Special Education	6	0	6	6	0	6	6	0	6
Special Model	7	4	11	7	4	11	6	4	10
Sports	4	1	5	4	1	5	4	1	5
Arts	3	0	3	4	0	4	4	0	4
Government Aided	139	41	180	139	42	181	142	44	186
Religious School (GARS)									
Bimbingan Jalanan Kasih	1	0	1	1	0	1	1	0	1
Form Six College	19	2	21	21	2	23	21	2	23
TOTAL	1,790	649	2,439	1,789	653	2,442	1,794	655	2,449

Note : *Data as of 30th April 2022.

Source : MOE (EPRD).

2. SCHOOLS - SECONDARY

Percentage of Classes in MOE Secondary Schools (2022)

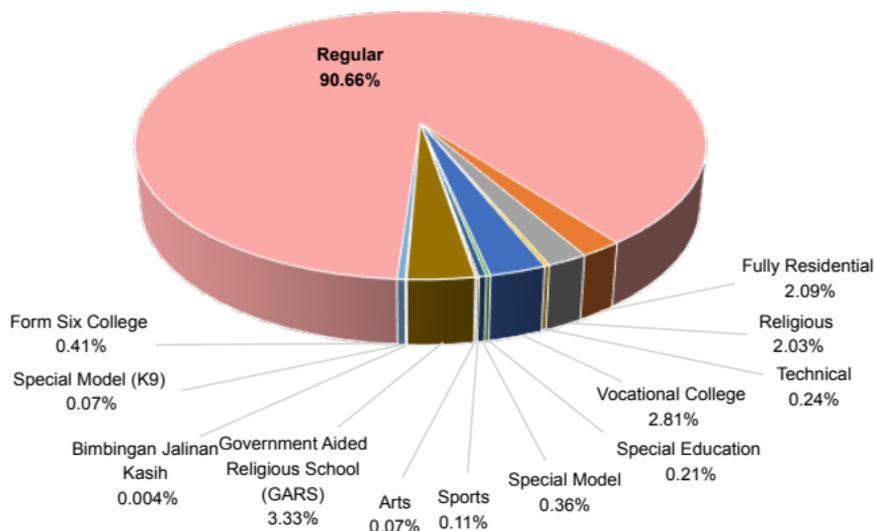


Table 2.6 Number of Classes in Secondary Schools (2020-2022)

Type of Schools	2020	2021	2022*
Regular	70,235	70,324	70,655
Fully Residential	1,597	1,268	1,627
Religious	1,553	1,255	1,581
Technical	180	95	190
Vocational College	2,064	1,607	2,193
Special Education	164	94	164
Special Model**	399	397	280
Sports	92	80	89
Arts	40	41	52
Government Aided Religious School (GARS)	2,539	2,409	2,592
Bimbingan Jalanan Kasih	2	3	3
Special Model (K9)**	49	48	54
Form Six College	290	313	317
TOTAL	79,204	77,934	79,797

Note : *Data as of 30th April 2022.

: **Data only include secondary classes in Special Model and K9 schools.

Source : MOE (EPRD).

B) Other Agencies / GENIUS

Table 2.7 Number of Secondary Schools in Private Institutions (2022)

Type of Schools	2022
Academic Secondary	70
Chinese Independent Secondary Schools	60
International Secondary	15
Religious Secondary	39
Correspondence Secondary School	0
TOTAL	184

Note : Data as of 30th April 2022.

Source : MOE (Private Education Division).

Table 2.8 Number of Secondary Schools in Institutions Under Other Government Agencies (2022)

Type of Schools	2022
People Religious Secondary School (SMAR)	116
State Religious Secondary School (SMAN)	62
Private Religious Secondary School (SMAS)	81
State Tahfiz School	17
Private Tahfiz Secondary School	187
MARA Junior Science Colleges (MJSC)	55
Royal Military College (RMC)	1
TOTAL	519

Note : Data as of 30th April 2022.

Source : JAKIM, MARA, RMC.

Table 2.9 Number of Private Institutions With Two Levels (Primary and Secondary Schools) (2022)

Type of Schools	2022
Expatriate	17
International	178
Special Education	15
TOTAL	210

Note : Data as of 30th April 2022.

Source : MOE (Private Education Division).

Table 2.10 Number of Institutions Under Other Government Agencies with Two Levels (Primary and Secondary Schools) (2022)

Type of Schools	2022
People Religious School	10
Private Tahfiz School	1,069
TOTAL	1,079

Note : Data as of 30th April 2022.

Source : JAKIM.

Table 2.11 Number of Centres and Classes in GENIUS Institutions (2020-2022)

Institutions	2020		2021		2022*	
	Centres	Classes	Centres	Classes	Centres	Classes
GENIUS Negara	90	-	89	-	89	-
GENIUS@Pintar	2	28	2	44	2	29
GENIUS Insan	1	17	1	20	1	22
GENIUS Seni	2	18	2	18	2	3
GENIUS Remaja	4	6	4	6	4	6
GENIUS Kurnia	1	26	2	30	2	23
TOTAL	100	95	100	118	100	83

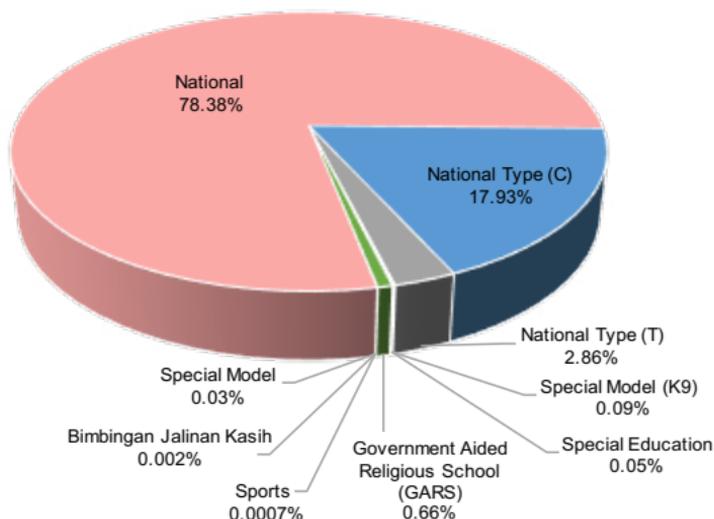
Note : *Data as of 30th April 2022.

Source : MOE (GENIUS Division).



3. ENROLMENT - PRIMARY

Percentage of Enrolment in MOE Primary Schools (2022)



A) MOE Primary Schools

Table 3.1 Enrolment at Primary Level by Type of Schools (2020-2022)

Type of Schools	2020	2021	2022*
National	2,125,612	2,142,472	2,169,906
National Type (C)	511,950	507,376	496,452
National Type (T)	80,569	79,414	79,206
Special Education	1,351	1,427	1,471
Special Model (K9)**	2,087	1,980	2,361
Government Aided Religious School (GARS)	17,775	18,270	18,291
Special Model**	731	494	717
Sports**	27	8	19
Bimbingan Jalanan Kasih**	78	67	60
TOTAL	2,740,180	2,751,508	2,768,483

Note : *Data as of 30th April 2022.

**Data include enrolment at primary level in Special Model, K9, Sports and Bimbingan Jalanan Kasih Schools.

: Enrolment in Year 1 to Year 6 includes pupils in SEIP.

Source : MOE (School Management Division and EPRD).



3. ENROLMENT - PRIMARY

Percentage of Enrolment at Primary Level by Grade and Gender (2022)

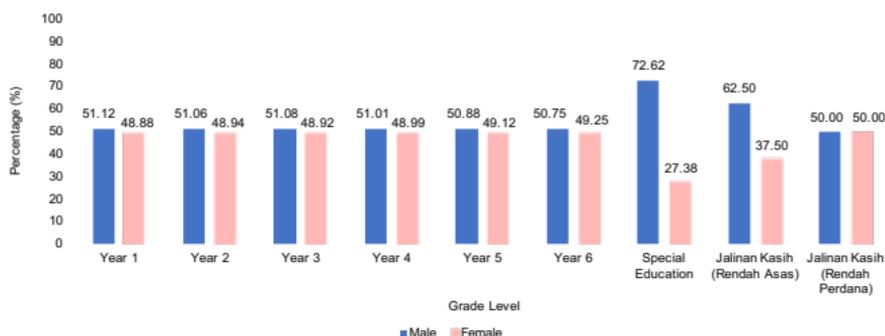


Table 3.2 Enrolment at Primary Level by Grade and Gender (2020-2022)

Grade Level	2020			2021			2022		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Year 1	228,615	218,010	446,625	232,629	222,198	454,827	232,375	222,155	454,530
Year 2	238,330	227,599	465,929	229,158	218,955	448,113	237,598	227,755	465,353
Year 3	232,804	223,465	456,269	238,080	227,807	465,887	229,187	219,516	448,703
Year 4	224,126	216,261	440,387	232,522	223,400	455,922	236,940	227,523	464,463
Year 5	227,096	220,098	447,194	223,650	216,094	439,744	231,044	223,017	454,061
Year 6	225,429	217,475	442,904	226,594	219,834	446,428	221,979	215,435	437,414
Special Education	29,235	11,559	40,794	29,254	11,266	40,520	31,879	12,020	43,899
Bimbingan Jalinan Kasih (Rendah Asas)	35	21	56	36	22	58	25	15	40
Bimbingan Jalinan Kasih (Rendah Perdana)	16	6	22	5	4	9	10	10	20
TOTAL	1,405,686	1,334,494	2,740,180	1,411,928	1,339,580	2,751,508	1,421,037	1,347,446	2,768,483

Note : *Data as of 30th April 2022.

: Data include enrolment at primary level in Special Model, K9, Sports, and Bimbingan Jalinan Kasih schools.

Source : MOE (EPRD and School Management Division).

B) Other Agencies

Table 3.3 Enrolment at Primary Level in Private Institutions (2022)

Type of Schools	Male	Female	Total
Academic Primary	6,845	6,040	12,885
International Primary	809	689	1,498
Religious Primary	14,749	12,140	26,889
TOTAL	22,403	18,869	41,272

Note : Data as of 30th April 2022.

Source : MOE (Private Education Division).

Table 3.4 Enrolment at Primary Level in Institutions Under Other Government Agencies (2022)

Type of Schools	Male	Female	Total
People Religious Primary School (SRAR)	15,968	12,901	28,869
State Religious Primary School (SRAN)	5,393	5,585	10,978
Private Religious Primary School (SRAS)	39,744	33,645	73,389
Private Tahfiz Primary School	1,033	641	1,674
TOTAL	62,138	52,772	114,910

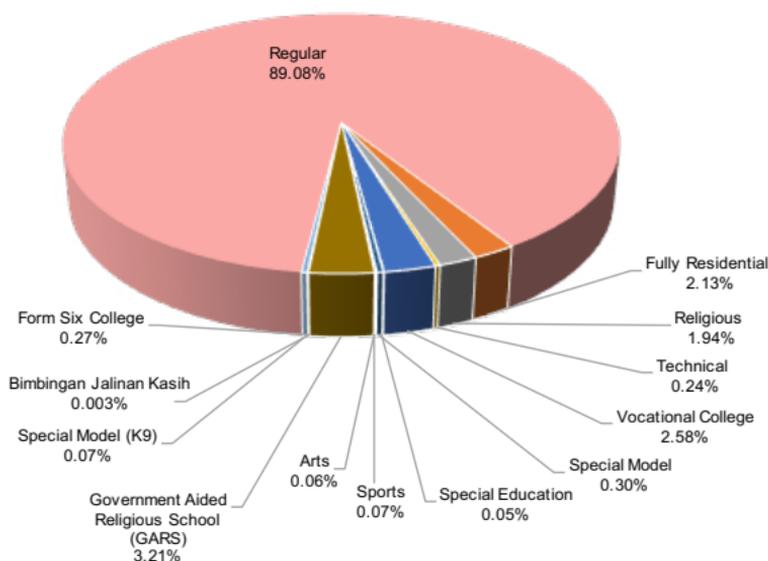
Note : Data as of 30th April 2022.

Source : JAKIM.



3. ENROLMENT - SECONDARY

Percentage of Enrolment in MOE Secondary Schools (2022)



A) MOE Secondary Schools

Table 3.5 Enrolment at Secondary Level by Type of Schools (2020-2022)

Type of Schools	2020	2021	2022*
Regular	1,786,432	1,852,328	1,835,267
Fully Residential	38,772	32,147	43,928
Religious	38,086	30,656	39,950
Technical	4,195	2,541	4,953
Vocational College	39,306	34,554	53,156
Special Education	1,125	584	1,026
Special Model**	9,696	10,088	6,151
Sports**	1,552	1,273	1,500
Arts	942	954	1,134
Government Aided Religious School (GARS)	67,117	65,071	66,090
Bimbingan Jalinan Kasih**	52	65	68
Special Model (K9)**	1,154	1,300	1,483
Form Six College	4,979	5,467	5,638
TOTAL	1,993,408	2,037,028	2,060,344

Note : *Data as of 30th April 2022.

: **Data include enrolment at secondary level in Special Model, K9, Sports and Bimbingan Jalinan Kasih Schools.

Source : MOE (EPRD and School Management Division).



Table 3.6 Enrolment at Secondary Level by Grade, Academic Streams, and Gender (2020-2022)

Grade	2020			2021***			2022*		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Lower Secondary									
Remove Class	9,018	4,314	13,332	8,816	4,706	13,522	8,375	4,620	12,995
Form 1	194,627	192,068	386,695	208,689	202,615	411,304	204,800	201,704	406,504
Form 2	190,236	188,707	378,943	194,616	192,555	387,171	202,542	198,329	400,871
Form 3	187,068	189,195	376,263	189,530	188,343	377,873	194,552	192,608	387,160
SCLD	21,474	9,847	31,321	23,950	10,807	34,757	25,570	11,197	36,767
Lower Secondary BJKS	18	12	30	21	11	32	28	10	38
Total	602,441	584,143	1,186,584	625,622	599,037	1,224,659	635,867	608,468	1,244,335
Upper Secondary									
Form 4**	0	0	0	0	0	0	29	44	73
Form 4 Humanities	116,887	109,181	226,068	118,411	103,158	221,569	112,983	100,774	213,757
Form 4 Science	32,152	47,332	79,484	32,233	48,045	80,278	29,598	44,290	73,888
Form 4 Religious	2,182	2,971	5,153	8,602	11,221	19,823	7,978	10,341	18,319
Form 4 MPV	10,242	6,146	16,388	7,235	4,081	11,316	7,774	4,084	11,858
PVMA programme	0	0	0	2,233	1,784	4,017	2,812	1,971	4,783
Form 4 Technology	17,235	21,439	38,674	17,016	19,903	36,919	16,132	19,967	36,099
Form 4 Technical	864	848	1,712	0	0	0	1,343	1,104	2,447
Form 4 Skills	0	0	0	14	7	21	262	130	392
Skills Programme Year 1	78	18	96	0	0	0	175	51	226
VCM Year 1 Programme	4,224	2,415	6,639	0	0	0	10,237	5,236	15,473
Form 4 Special Education	0	0	0	0	0	0	0	0	0
Total	183,864	190,350	374,214	185,744	188,199	373,943	189,323	187,992	377,315
Form 5**	0	0	0	0	0	0	41	46	87
Form 5 Humanities	108,527	103,830	212,357	109,007	103,794	212,801	110,805	100,999	211,804
Form 5 Science	31,628	46,224	77,852	28,717	42,835	71,552	28,253	43,505	71,758
Form 5 Religious	1,997	2,838	4,835	6,704	9,958	16,662	7,577	10,447	18,024
Form 5 MPV	9,079	5,454	14,533	7,297	4,051	11,348	7,229	3,951	11,180
PVMA programme	0	0	0	2,238	1,745	3,983	2,368	1,803	4,171
Form 5 Technology	17,277	21,450	38,727	16,318	20,841	37,159	15,233	19,456	34,689
Form 5 Technical	1,303	1,180	2,483	1,327	1,214	2,541	1,353	1,153	2,506
Form 5 Skills	N/A	N/A	N/A	251	133	384	289	164	453
Skills Programme Year 2	745	203	948	659	192	851	485	232	717
Upper Secondary BJKS	17	6	23	24	9	33	17	13	30
VCM Year 2 Programme	5,380	3,576	8,956	9,905	4,821	14,726	10,590	5,234	15,824
Form 5 Special Education	0	0	0	0	0	0	0	0	0
Total	175,953	184,761	360,714	182,447	189,593	372,040	184,240	187,003	371,243
Post-Secondary									
STAM	0	0	0	0	0	0	338	429	767
Total	0	0	0	0	0	0	338	429	767
Form 6 Lower									
Humanities	0	0	0	0	0	0	24	34	58
Science	0	0	0	0	0	0	0	0	0
Religious	1,150	1,596	2,736	0	0	0	0	0	0
VCM Year 1 Programme	7,313	4,262	11,575	5,238	3,505	8,743	9,434	4,586	14,020
Special Education	0	0	0	0	0	0	0	0	0
Pre-University	105	50	155	21	11	32	117	82	199
Total	8,568	5,898	14,466	5,259	3,516	8,775	9,575	4,702	14,277
Form 6 Upper									
Humanities	13,141	29,111	42,252	13,192	29,821	43,013	12,845	28,008	40,853
Science	1,759	2,094	3,853	1,807	2,174	3,981	1,870	2,422	4,292
Religious	9	14	23	47	32	79	96	89	185
VCM Year 2 Programme	6,922	4,170	11,092	6,276	3,958	10,234	4,000	2,896	6,896
Special Education	0	0	0	0	0	0	0	0	0
Pre-University	128	83	211	204	100	304	120	61	181
Total	21,959	35,472	57,431	21,526	36,085	57,611	18,931	33,476	52,407
GRAND TOTAL	992,785	1,000,624	1,993,409	1,020,598	1,016,430	2,037,028	1,038,274	1,022,070	2,060,344

Note : *Data as of 30th April 2022.

: **Data refer to enrolment of Pintar Cerdas programme (of mixed age).

: ***Data for 2021 had been revised.

: Data include enrolment at secondary level in Special Model, K9, Sports and Bimbingan Jalanan Kasih Schools.

: Data exclude preschools students in secondary schools.

Source : MOE (EPDR and School Management Division).



B) Other Agencies / GENIUS

Table 3.7 Enrolment at Secondary Level in Private Institutions (2022)

Type of Schools	Male	Female	Total
Academic Secondary	7,065	6,271	13,336
Chinese Independent Secondary Schools	39,754	39,279	79,033
International Secondary	1,445	1,082	2,527
Religious Secondary	5,877	3,842	9,719
TOTAL	54,141	50,474	104,615

Note : Data as of 30th April 2022.

Source : MOE (Private Education Division).

Table 3.8 Enrolment at Secondary Level in Institutions Under Other Government Agencies (2022)

Type of Schools	Male	Female	Total
People Religious Secondary School (SMAR)	11,318	9,520	20,838
State Religious Secondary School (SMAN)	14,101	17,175	31,276
Private Religious Secondary School (SMAS)	5,726	4,414	10,140
State Tahfiz School	2,482	1,715	4,197
Private Tahfiz Secondary School	6,855	2,136	8,991
MARA Junior Science Colleges (MJSC)*	16,374	20,387	36,761
Royal Military College (RMC)**	498	-	498
TOTAL	57,354	55,347	112,701

Note : Data as of 30th April 2022.

: *Form 4 students are still undergoing selection process.

: **There will be a second intake for Form 4.

: **IB program had ended.

Source : JAKIM, MARA, RMC.

Table 3.9 Enrolment in Private Institutions with Two Levels (Primary and Secondary) (2022)

Type of Schools	Male	Female	Total
Expatriate	1,266	1,195	2,461
International	34,371	30,752	65,123
Special Education	489	269	758
TOTAL	36,126	32,216	68,342

Note : Data as of 30th April 2022.

Source : MOE (Private Education Division).

Table 3.10 Enrolment in Institutions Under Other Government Agencies with Two Levels (Primary and Secondary) (2022)

Type of Schools	Male	Female	Total
People Religious School	1,709	1,454	3,163
Private Tahfiz School	36,246	17,207	53,453
TOTAL	37,955	18,661	56,616

Note : Data as of 30th April 2022.

Source : JAKIM.



C) Matriculation

Table 3.11 Matriculation : Number of Colleges, Academic Personnel, and Enrolment (2019-2021)

	2019	2020	2021*
Number of Matriculation Colleges	17	17	17
Number of Academic Personnel	2,520	2,489	2,425
% Female	67.34	67.66	68.29
Total Enrolment	25,802	26,630	32,398
% Female	69.58	69.15	69.29

Note : *Data as of 31st December 2021.

Source : MOE (Matriculation Division).

D) GENIUS Institutions

Table 3.12 Enrolment at GENIUS Institutions by Gender (2020-2022)

Institutions	2020			2021			2022*		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
GENIUS Negara	1,763	1,645	3,408	1,667	1,628	3,295	1,486	1,478	2,964
GENIUS@Pintar	231	234	465	261	252	513	235	248	483
GENIUS Insan	146	164	310	203	236	439	188	225	413
GENIUS Seni	68	177	245	93	230	323	63	161	224
GENIUS Remaja	212	201	513	84	97	181	107	141	248
GENIUS Kurnia	327	75	402	191	47	238	235	53	288
TOTAL	2,747	2,496	5,343	2,499	2,490	4,989	2,314	2,306	4,620

Note : *Data as of 30th April 2022.

Source : MOE (GENIUS Division).

4. SPECIAL EDUCATION

Table 4.1 Number of Classes, Enrolment, and Teachers in Special Education Schools (2020-2022)

Class	2020			2021			2022*		
	Preschool	Primary	Secondary	Preschool	Primary	Secondary	Preschool	Primary	Secondary
Class	35	322	164	36	333	100	39	349	165
Enrolment	139	1,278	1,124	128	1,379	629	167	1,466	1,028
Teacher	35	787	454	33	782	480	39	811	470

Note : *Data as of 30th April 2022.

Source : MOE (Special Education Division).

Table 4.2 Enrolment in Special Education Schools by Level and Type of Disabilities (2020-2022)

Level/ Type of Disabilities	2020			2021			2022*		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Preschool									
Visual Disability	6	4	10	4	1	5	6	2	8
Hearing Disability	16	22	38	16	15	31	21	19	40
Speech Disability	1	0	1	0	0	0	0	0	0
Physical Disability	0	0	0	1	1	2	1	1	2
Learning Difficulty	65	22	87	67	18	85	78	23	101
Multiple Disability	2	1	3	3	2	5	12	4	16
Total	90	49	139	91	37	128	118	49	167
Primary									
Visual Disability	100	59	159	96	58	154	93	58	151
Hearing Disability	298	303	601	283	292	575	279	269	548
Speech Disability	9	2	11	13	7	20	10	3	13
Physical Disability	7	6	13	6	7	13	7	4	11
Learning Difficulty	297	111	408	392	134	526	492	154	646
Multiple Disability	53	33	86	57	34	91	60	37	97
Total	764	514	1,278	847	532	1,379	941	525	1,466
Secondary									
Visual Disability	71	49	120	62	46	108	59	47	106
Hearing Disability	56	48	104	50	50	100	44	50	94
Speech Disability	0	0	0	0	0	0	1	1	2
Physical Disability	0	1	1	0	0	0	0	0	0
Learning Difficulty	1	1	2	1	1	2	2	2	4
Multiple Disability	3	2	5	3	2	5	3	6	9
Total	131	101	232	116	99	215	109	106	215
Secondary- Vocational**									
Visual Disability	10	5	15	7	4	11	2	2	4
Hearing Disability	62	51	113	23	25	48	38	35	73
Speech Disability	2	2	4	2	0	2	3	0	3
Physical Disability	3	7	10	2	2	4	10	4	14
Learning Difficulty	506	237	743	238	108	346	474	227	701
Multiple Disability	6	1	7	3	0	3	9	9	18
Total	589	303	892	275	139	414	536	277	813
GRAND TOTAL	1,574	967	2,541	1,329	807	2,136	1,704	957	2,661

Note : *Data as of 30th April 2022.

**Enrolment for Secondary Vocational refers to students with disabilities in the Vocational Special Education Secondary Schools.

Source : MOE (Special Education Division).

Table 4.3 Number of Classes, Enrolment, and Teachers in Special Education Integration Programme (2020-2022)

Class	2020			2021			2022*		
	Preschool	Primary	Secondary	Preschool	Primary	Secondary	Preschool	Primary	Secondary
Enrolment	187	5,785	4,420	192	5,853	4,576	201	5,999	4,671
Teacher	948	38,683	31,025	812	39,299	34,585	1,094	43,505	36,727
	187	8,359	5,960	191	8,345	6,122	199	8,843	6,669

Note : *Data as of 30th April 2022.

: Special Education Integration Programme (SEIP) refers to a programme for students with disabilities in regular schools.

Source : MOE (Special Education Division).

Table 4.4 Enrolment in Special Education Integration Programme by Level and Type of Disabilities (2020-2022)

Level/ Type of Disabilities	2020			2021			2022*		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Preschool									
Visual Disability	9	2	11	6	4	10	3	4	7
Hearing Disability	7	14	21	11	8	19	14	12	26
Speech Disability	9	2	11	2	4	6	6	2	8
Physical Disability	19	16	35	16	17	33	23	14	37
Learning Difficulty	620	228	848	551	167	718	716	232	948
Multiple Disability	17	5	22	16	10	26	41	27	68
Total	681	267	948	602	210	812	803	291	1,094
Primary									
Visual Disability	153	114	267	147	105	252	157	109	266
Hearing Disability	350	297	647	341	299	640	350	303	653
Speech Disability	223	100	323	281	104	385	306	135	441
Physical Disability	725	447	1,172	749	463	1,212	799	508	1,307
Learning Difficulty	25,452	9,615	35,067	26,029	9,502	35,531	28,887	10,280	39,167
Multiple Disability	777	430	1,207	839	440	1,279	1,102	569	1,671
Total	27,680	11,003	38,683	28,386	10,913	39,299	31,601	11,904	43,505
Secondary									
Visual Disability	218	134	352	239	144	383	234	141	375
Hearing Disability	559	445	1,004	586	483	1,069	572	487	1,059
Speech Disability	72	30	102	101	49	150	154	83	237
Physical Disability	535	379	914	561	405	966	610	413	1,023
Learning Difficulty	19,466	8,507	27,973	21,822	9,334	31,156	23,254	9,613	32,867
Multiple Disability	407	273	680	525	336	861	717	449	1,166
Total	21,257	9,768	31,025	23,834	10,751	34,585	25,541	11,186	36,727
GRAND TOTAL	49,618	21,038	70,656	52,822	21,874	74,696	57,945	23,381	81,326

Note : *Data as of 30th April 2022.

Source : MOE (Special Education Division).

Table 4.5 Enrolment of Inclusive Programme in Regular Schools and Special Education Integration Programme (2022)

Level	Regular Schools		SEIP	
	Full Inclusion		Full Inclusion	Partial Inclusion
Preschool		168	-	-
Primary		6,944	139	27,500
Secondary		9,028	190	29,834
TOTAL		16,140	329	57,334

Note : Data as of 30th April 2022.

: Data include enrolment in regular schools.

Source : MOE (Special Education Division).



5. TEACHERS - PRIMARY

A) MOE Primary Schools

Table 5.1 Number of Teachers at Primary Level by Type of Training (2022)

Type of Schools	Graduate	Non-Graduate	Untrained	Total
National	170,037	15,537	3,456	189,030
National Type (C)	30,675	4,923	483	36,081
National Type (T)	7,614	968	5	8,587
Special Education	808	40	-	848
Government Aided Religious School - Primary (GARS)	1,125	193	161	1,479
Special Model (Primary)	307	16	17	340
TOTAL	210,566	21,677	4,122	236,365

Note : Data as of 30th April 2022.

: Graduates: Teachers who have a degree.

: Non-graduates: Teachers who have a teaching certificate/ diploma.

: Untrained teachers: 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.

(iii) Teachers in common posts pending re-deployment.

Source : MOE (EPRD and Education Management Division).

Percentage of Primary School Teachers by Gender (2020-2022)



Table 5.2 Number and Percentage of Teachers at Primary Level by Gender (2020-2022)

Gender	2020		2021		2022*	
	Number	%	Number	%	Number	%
Male	69,605	29.48	69,075	29.49	68,936	29.17
Female	166,465	70.52	165,127	70.51	167,429	70.83
TOTAL	236,070	100.00	234,202	100.00	236,365	100.00

Note : *Data as of 30th April 2022.

Source : MOE (EPRD and School Management Division).



Percentage of Primary School Teachers by Gender and Age Group (2022)

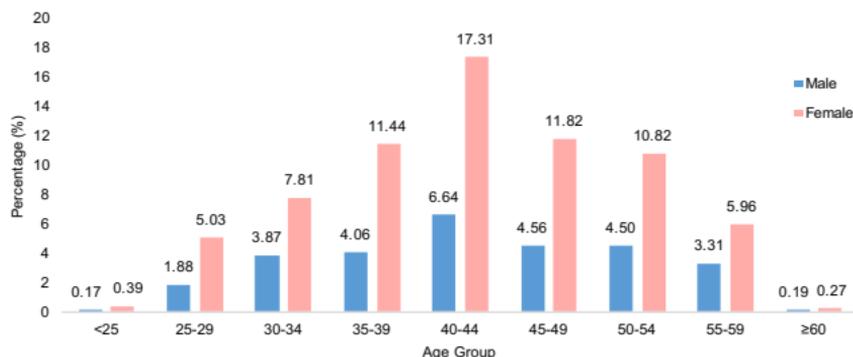


Table 5.3 Number of Teachers at Primary Level by Gender and Age Group (2022)

Age Group	<25	25-29	30-34	35-39	40-44	45-49	50-54	55-59	≥60	TOTAL
Male	402	4,432	9,146	9,600	15,686	10,772	10,632	7,825	441	68,936
Female	918	11,883	18,453	27,040	40,907	27,937	25,572	14,089	630	167,429
TOTAL	1,320	16,315	27,599	36,640	56,593	38,709	36,204	21,914	1,071	236,365

Note : Data as of 30th April 2022.

Source : MOE (EPRD and School Management Division).

B) Other Agencies

Table 5.4 Number of Teachers at Primary Level in Private Institutions (2022)

Type of Schools	Number
Academic Primary	1,181
International Primary	141
Religious Primary	2,167
TOTAL	3,489

Note : Data as of 30th April 2022.

Source : MOE (Private Education Division).

Table 5.5 Number of Teachers at Primary Level in Institutions Under Other Government Agencies (2022)

Type of Schools	Number
People Religious Primary School (SRAR)	4,339
State Religious Primary School (SRAN)	11,503
Private Religious Primary School (SRAS)	6,300
Private Tahfiz Primary School	259
TOTAL	22,401

Note : Data as of 30th April 2022.

Source : JAKIM.

5. TEACHERS - SECONDARY

A) MOE Secondary Schools

Table 5.6 Number of Teachers at Secondary Level by Type of Training (2022)

Type of Schools	Graduate	Non-Graduate	Untrained	Total
Regular	151,021	1,274	654	152,949
Fully Residential	4,288	3	53	4,344
Religious	4,085	28	133	4,246
Technical	474	-	3	477
Vocational College	8,928	190	171	9,289
Special Education	468	1	-	469
Special Model	716	14	-	730
Sports	395	-	-	395
Art	175	-	2	177
Government Aided Religious School(GARS)	6,730	322	507	7,559
Bimbingan Jalinan Kasih	14	-	-	14
Form Six College	1,530	-	-	1,530
TOTAL	178,824	1,832	1,523	182,179

Note : Data as of 30th April 2022.

: Graduates: Teachers who have a degree.

: Non-Graduates: Teachers who have a teaching certificate/ diploma.

: Untrained teachers: 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.

(iii) Teachers in common posts pending re-deployment.

Source : MOE (EPRD and Education Management Division).

Percentage of Secondary School Teachers by Gender (2020-2022)

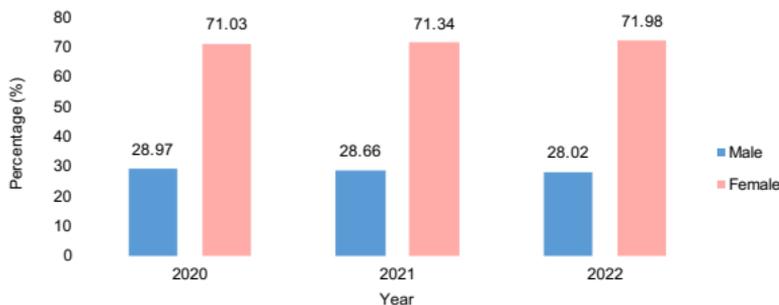


Table 5.7 Number and Percentage of Teachers at Secondary Level by Gender (2020-2022)

Gender	2020		2021		2022*	
	Number	%	Number	%	Number	%
Male	52,081	28.97	51,048	28.66	51,043	28.02
Female	127,689	71.03	127,044	71.34	131,136	71.98
TOTAL	179,770	100.00	178,092	100.00	182,179	100.00

Note : *Data as of 30th April 2022.

Source : MOE (EPRD and School Management Division).

Percentage of Secondary School Teachers by Gender and Age Group (2022)

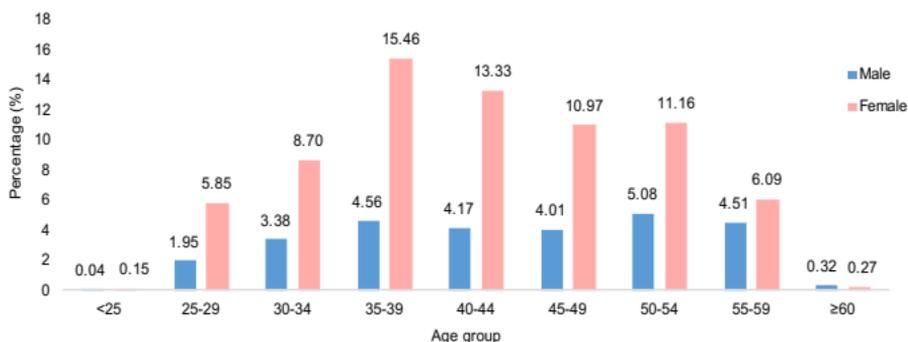


Table 5.8 Number of Teachers at Secondary Level by Gender and Age Group (2022)

Age Group	<25	25-29	30-34	35-39	40-44	45-49	50-54	55-59	≥60	TOTAL
Male	71	3,546	6,159	8,303	7,594	7,313	9,255	8,225	577	51,043
Female	270	10,661	15,850	28,168	24,288	19,979	20,339	11,096	485	131,136
TOTAL	341	14,207	22,009	36,471	31,882	27,292	29,594	19,321	1,062	182,179

Note : Data as of 30th April 2022.

Source : MOE (EPRD and School Management Division).

B) Other Agencies/GENIUS

Table 5.9 Number of Teachers at Secondary Level in Private Institutions (2022)

Type of Schools	Number
Academic Secondary	1,361
Chinese Independent Secondary Schools	4,613
International Secondary	262
Religious Secondary	1,059
Correspondence Secondary School	0
TOTAL	7,295

Note : Data as of 30th April 2022.

Source : MOE (Private Education Division).


Table 5.10 Number of Teachers at Secondary Level in Institutions Under Other Government Agencies (2022)

Type of Schools	Number
People Religious Secondary School (SMAR)	2,353
State Religious Secondary School (SMAN)	2,661
Private Religious Secondary School (SMAS)	1,283
State Tahfiz School	610
Private Tahfiz Secondary School	1,396
MARA Junior Science Colleges (MJSC)	3,811
Royal Military College (RMC)	52
TOTAL	12,166

Note : Data as of 30th April 2022.

: For RMC, the number of teachers includes 9 military (teachers from MOD) and 43 academic teachers.

Source : JAKIM, MARA, RMC.

Table 5.11 Number of Teachers at Private Institutions with Two Levels (Primary and Secondary) (2022)

Type of Schools	Number
Expatriate	336
International	7,993
Special Education	107
TOTAL	8,436

Note : Data as of 30th April 2022.

Source : MOE (Private Education Division).

Table 5.12 Number of Teachers at Institutions Under Other Government Agencies with Two Levels (Primary and Secondary) (2022)

Type of Schools	Number
People Religious School	264
Private Tahfiz School	7,391
TOTAL	7,655

Note : Data as of 30th April 2022.

Source : JAKIM.

Table 5.13 Number of Teachers at GENIUS Institutions by Gender (2020-2022)

Institutions	2020			2021			2022*		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
GENIUS Negara	0	497	497	2	493	495	2	479	481
GENIUS@Pintar	15	30	45	16	34	50	19	43	62
GENIUS Insan	16	21	37	16	22	38	16	22	38
GENIUS Seni	22	17	39	40	33	73	16	24	40
GENIUS Remaja	8	11	19	8	13	21	7	11	18
GENIUS Kurnia	9	69	78	18	77	95	18	69	87
TOTAL	70	645	715	100	672	772	78	648	726

Note : *Data as of 30th April 2022.

Source : MOE (GENIUS Division).

6. PUBLIC EXAMINATIONS

Table 6.1 Malaysian Certificate of Education (SPM) (2019-2021)

Year	2019			2020			2021		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Number of Registered Candidates*	169,500	184,624	354,124	167,787	179,350	347,137	169,554	182,695	352,249
Number of Candidates Present	165,382	182,600	347,982	164,639	177,425	342,064	164,068	179,470	343,538
Number of Passes**	133,324	168,186	301,510	137,244	165,233	302,477	135,827	165,943	301,770
% of Passes	80.62	92.11	86.65	83.36	93.13	88.43	82.79	92.46	87.84
Number of Candidates with all 'A's	2,957	4,456	7,413	2,778	4,810	7,588	2,952	4,933	7,885
% of Candidates with all 'A's	1.79	2.44	2.13	1.69	2.71	2.22	1.80	2.75	2.30
Number of Candidates with all 'G's	3,121	865	3,986	3,410	800	4,210	1,229	362	1,591
% of Candidates with all 'G's	1.89	0.47	1.15	2.07	0.45	1.23	0.75	0.20	0.46

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

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

Source : MOE (Examinations Syndicate).

Table 6.2 Malaysian Certificate of Education (SPM) for Private Candidates (2019-2021)

Year	2019			2020			2021		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Number of Registered Candidates*	22,471	20,751	43,222	21,683	19,616	41,299	21,360	19,228	40,588
Number of Candidates Present	21,363	20,153	41,516	20,783	19,049	39,832	20,129	18,489	38,618
Number of Passes**	17,833	18,430	36,263	18,306	17,876	36,182	17,611	17,249	34,860
% of Passes	83.48	91.45	87.35	88.08	93.84	90.84	87.49	93.29	90.27
Number of Candidates with all 'A's	648	815	1,463	838	985	1,823	748	1,063	1,811
% of Candidates with all 'A's	3.03	4.04	3.52	4.03	5.17	4.58	3.72	5.75	4.69
Number of Candidates with all 'G's	280	55	335	177	29	206	53	11	64
% of Candidates with all 'G's	1.31	0.27	0.81	0.85	0.15	0.52	0.26	0.06	0.17

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 Sejarah.

Source : MOE (Examinations Syndicate).



Table 6.3 Malaysia Vocational Certificate (SVM) (2019-2021)

Year / Cohort	Cohort 2019											
	Semester 1			Semester 2			Semester 3			Semester 4		
	M	F	T	M	F	T	M	F	T	M	F	T
Number of Registered Candidates	5,604	3,769	9,373	5,360	3,610	8,970	5,089	3,460	8,549	4,989	3,398	8,387

Year / Cohort	Cohort 2020											
	Semester 1			Semester 2			Semester 3			Semester 4		
	M	F	T	M	F	T	M	F	T	M	F	T
Number of Registered Candidates	10,035	4,887	14,922	9,647	4,708	14,355	9,379	4,590	13,969	9,221	4,523	13,744

Year / Cohort	Cohort 2021					
	Semester 1			Semester 2		
	M	F	T	M	F	T
Number of Registered Candidates	10,933	5,414	16,347	10,446	5,195	15,641

Year qualify for SVM	2019			2020			2021		
	M	F	T	M	F	T	M	F	T
Number of Candidates Present*	7,862	4,388	12,250	4,989	3,398	8,387	9,221	4,523	13,744
Number of Passes **	6,825	4,271	11,096	4,449	3,271	7,720	8,117	4,378	12,495
% of Passes	86.81	97.33	90.58	89.18	96.26	92.05	88.03	96.79	90.91

Note : Data for year 2019 and 2020 had been revised by the Examination Syndicate, MOE.

: *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. Completed all vocational modules.
4. Minimum 2.67 in Vocational CGPA.

Source : MOE (Examination Syndicate).



Table 6.4 Malaysian Higher Religious Education Certificate (STAM) (2019-2021)

Year	2019			2020			2021		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Number of Registered Candidates*	1,104	1,620	2,724	971	1,410	2,381	679	911	1,590
Number of Candidates Present	871	1,278	2,149	827	1,191	2,018	633	870	1,503
Number of Passes	640	981	1,621	608	931	1,539	436	659	1,095
% of Passes	73.48	76.76	75.43	73.52	78.17	76.26	68.88	75.75	72.85
National Average Grade	2.85	2.80	2.83	2.86	2.72	2.78	2.98	2.87	2.92

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

Source : MOE (Examinations Syndicate).

Table 6.5 Malaysian Higher Religious Education Certificate (STAM) for Private Candidates and Candidates from Other Government Agencies (2019-2021)

Year	2019			2020			2021		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Number of Registered Candidates	1,823	2,734	4,557	1,305	2,105	3,410	804	1,293	2,097
Number of Candidates Present	1,365	2,130	3,495	1,047	1,762	2,809	709	1,168	1,877
Number of Passes	988	1,598	2,586	591	1,207	1,798	411	674	1,085
% of Passes	72.38	75.02	73.99	56.45	68.50	64.01	57.97	57.71	57.81
National Average Grade	2.92	2.86	2.89	3.23	3.01	3.09	3.23	3.20	3.21

Year	2019			2020			2021		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Number of Registered Candidates	425	408	833	311	286	597	165	161	326
Number of Candidates Present	379	363	742	257	251	508	150	150	300
Number of Passes	148	159	307	97	111	208	44	60	104
% of Passes	39.05	43.80	41.37	37.74	44.22	40.94	29.33	40.00	34.67
National Average Grade	3.78	3.59	3.68	3.63	3.62	3.62	3.84	3.65	3.74

Year	2019			2020			2021		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Number of Registered Candidates	26	25	51	39	37	76	21	26	47
Number of Candidates Present	25	23	48	31	33	64	20	23	43
Number of Passes	13	14	27	14	20	34	9	14	23
% of Passes	52.00	60.87	56.25	45.16	60.61	53.13	45.00	60.87	53.49
National Average Grade	3.51	3.27	3.39	3.54	3.25	3.39	3.69	3.26	3.46

Year	2019			2020			2021		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Number of Registered Candidates	207	65	272	138	82	220	127	46	173
Number of Candidates Present	162	58	220	102	73	175	99	44	143
Number of Passes	77	29	106	36	41	77	35	16	51
% of Passes	47.53	50.00	48.18	35.29	56.16	44.00	35.35	36.36	35.66
National Average Grade	3.55	3.29	3.42	3.52	3.12	3.35	3.47	3.54	3.49

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

: Data for 2020 had been revised.

Source : MOE (Examinations Syndicate).



Table 6.6 Malaysian Higher School Certificate (STPM) (2019-2021)

Year	2019			2020			2021		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Number of Registered Candidates	14,198	31,599	45,797	14,192	30,512	44,704	13,086	29,283	42,369
Number of Candidates Present	13,654	30,847	44,501	13,490	29,493	42,983	12,478	28,448	40,926
Number of Passes (based on the minimum CGPA of 2.0)	11,565	27,797	39,362	11,316	26,217	37,533	10,552	25,560	36,112
% of Passes (based on the minimum CGPA of 2.0)	84.70	90.11	88.45	83.88	88.89	87.32	84.56	89.85	88.24
Number of Passes (minimum full pass for one subject)	13,405	30,519	43,924	13,234	29,174	42,408	12,215	28,106	40,321
% of Passes (minimum full pass for one subject)	98.18	98.94	98.70	98.10	98.92	98.66	97.89	98.80	98.52

Note : Data as of 23rd August 2022.

Source : MOE (Malaysian Examination Council).

Table 6.7 Malaysian Higher School Certificate (STPM) for Private Candidates (2019-2021)

Year	2019			2020			2021		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Number of Registered Candidates	76	108	184	39	67	106	27	45	72
Number of Candidates Present	70	97	167	33	62	95	20	40	60
Number of Passes (based on the minimum CGPA of 2.0)	45	77	122	22	45	67	9	17	26
% of Passes (based on the minimum CGPA of 2.0)	64.29	79.38	73.05	66.67	72.58	70.53	45.00	42.50	43.33
Number of Passes (minimum full pass for one subject)	63	87	150	27	56	83	16	37	53
% of Passes (minimum full pass for one subject)	90.00	90.00	90.00	81.82	90.32	87.37	80.00	92.50	88.33

Note : Data as of 23rd August 2022.

Source : MOE (Malaysian Examination Council).



7. TEACHER EDUCATION

Table 7.1 Number of Institutions, Academic Personnel, Administrative Personnel, and Enrolment in Institutes of Teacher Education (2020-2022)

	2020	2021	2022
Number of Institutes of Teacher Education	27	27	27
Academic Personnel	2,703	2,556	2,547
% Female	46.43	46.75	53.63
Administrative Personnel	2,137	2,096	2,033
% Female	47.54	47.57	48.69
Total Enrolment	16,298	21,028	24,886
% Female	72.58	70.94	74.00

Note : Data as of 31st January 2022.

Source : MOE (Institute of Teacher Education Malaysia).

Table 7.2 Enrolment, Number of Academic Personnel, and Administrative Personnel in Institutes of Teacher Education (2022)

Institute of Teacher Education	Enrolment			Academic Personnel			Administrative Personnel		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1 IPG Kampus Perlis	182	484	666	29	31	60	32	36	68
2 IPG Kampus Darulaman	498	1,045	1,543	71	85	156	46	33	79
3 IPG Kampus Sultan Abdul Halim	189	650	839	40	49	89	35	43	78
4 IPG Kampus Pulau Pinang	174	472	646	46	62	108	45	44	89
5 IPG Kampus Tuanku Bainun	271	906	1,177	76	51	127	33	39	72
6 IPG Kampus Ipoh	358	1,088	1,446	81	82	163	42	40	82
7 IPG Kampus Bahasa Melayu	220	817	1,037	46	53	99	46	33	79
8 IPG Kampus Bahasa Antarabangsa	316	768	1,084	39	54	93	35	33	68
9 IPG Kampus Ilmu Khas	411	666	1,077	56	73	129	37	43	80
10 IPG Kampus Pendidikan Teknik	455	975	1,430	68	77	145	38	50	88
11 IPG Kampus Pendidikan Islam	335	968	1,303	74	75	149	31	40	71
12 IPG Kampus Raja Melewar	111	362	473	38	38	76	33	39	72
13 IPG Kampus Perempuan Melayu	-	956	956	36	65	101	40	40	80
14 IPG Kampus Tun Hussein Onn	143	627	770	28	40	68	40	28	68
15 IPG Kampus Temenggong Ibrahim	367	863	1,230	64	56	120	46	45	91
16 IPG Kampus Tengku Ampuan Afzan	233	585	818	32	53	85	37	34	71
17 IPG Kampus Dato' Razali Ismail	366	851	1,217	49	65	114	50	36	86
18 IPG Kampus Sultan Mizan	134	399	533	43	47	90	33	38	71
19 IPG Kampus Kota Bharu	298	899	1,197	45	41	86	35	36	71
20 IPG Kampus Gaya	246	644	890	41	49	90	39	30	69
21 IPG Kampus Kent	261	710	971	35	48	83	33	42	75
22 IPG Kampus Tawau	64	266	330	22	28	50	36	29	65
23 IPG Kampus Keningau	76	238	314	19	23	42	29	26	55
24 IPG Kampus Batu Lintang	386	963	1,349	37	40	77	52	30	82
25 IPG Kampus Sarawak	100	271	371	13	18	31	44	36	80
26 IPG Kampus Rajang	193	595	788	15	16	31	33	30	63
27 IPG Kampus Tun Abdul Razak	134	297	431	38	47	85	43	37	80
TOTAL	6,521	18,365	24,886	1,181	1,366	2,547	1,043	990	2,033

Note : Data as of 31st January 2022.

Source : MOE (Institute of Teacher Education Malaysia).



8. TERTIARY EDUCATION – HIGHER EDUCATION SECTOR

Table 8.1 Number of Public Universities and Enrolment

Public Universities		Enrolment	
1	Universiti Malaya	UM	36,472
2	Universiti Sains Malaysia	USM	33,841
3	Universiti Kebangsaan Malaysia	UKM	30,774
4	Universiti Putra Malaysia	UPM	29,123
5	Universiti Teknologi Malaysia	UTM	32,279
6	Universiti Utara Malaysia	UUM	33,758
7	Universiti Islam Antarabangsa Malaysia	UIAM	27,584
8	Universiti Malaysia Sarawak	UNIMAS	16,143
9	Universiti Malaysia Sabah	UMS	17,674
10	Universiti Pendidikan Sultan Idris	UPSI	30,036
11	Universiti Teknologi MARA	UiTM	185,303
12	Universiti Sultan Zainal Abidin	UniZA	14,115
13	Universiti Malaysia Terengganu	UMT	10,502
14	Universiti Sains Islam Malaysia	USIM	14,084
15	Universiti Tun Hussein Onn Malaysia	UTHM	19,254
16	Universiti Teknikal Malaysia Melaka	UTeM	14,721
17	Universiti Malaysia Pahang	UMP	13,685
18	Universiti Malaysia Perlis	UniMAP	13,339
19	Universiti Malaysia Kelantan	UMK	12,213
20	Universiti Pertahanan Nasional Malaysia	UPNM	4,979
TOTAL			589,879

Note : Data as of 30th November 2021.

Source : MOHE (Policy Planning and Research Division).

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

Fields of study	Entrants			Enrolment			Graduates			
	Male	Female	Total	Male	Female	Total	Male	Female	Total	
1	Education	3,786	10,018	13,804	12,876	33,466	46,342	2,141	5,754	7,895
2	Arts and Humanities	5,998	11,557	17,555	19,610	35,494	55,104	4,472	8,725	13,197
3	Social Sciences, Business and Law	20,343	44,896	65,239	65,098	134,850	199,948	16,174	41,324	57,498
4	Science, Mathematics and Computer	12,190	16,981	29,171	36,644	54,218	90,862	8,444	14,818	23,262
5	Engineering, Manufacturing and Construction	20,191	15,244	35,435	71,731	55,195	126,926	19,354	17,666	37,020
6	Agriculture and Veterinary	1,649	2,101	3,750	4,650	6,256	10,906	1,388	1,591	2,979
7	Health and Welfare	2,380	6,491	8,871	10,295	26,485	36,780	2,024	6,007	8,031
8	Services	3,090	4,067	7,157	8,550	12,505	21,055	3,005	4,683	7,688
9	General Programmes	413	506	919	707	1,249	1,956	77	219	296
TOTAL		70,040	111,861	181,901	230,161	359,718	589,879	57,079	100,787	157,866

Note : Data as of 30th November 2021.

Source : MOHE (Policy Planning and Research Division).



8. TERTIARY EDUCATION – HIGHER EDUCATION SECTOR

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

Male		Female		Total	Student Ratio Male to Female
Number	%	Number	%		
230,161	39.02	359,718	60.98	589,879	1 : 1.56

Source : MOHE (Policy Planning and Research Division).

Table 8.4 Enrolment and Percentage by Citizenship at Public Universities

Local Student		International Student		Total
Number	%	Number	%	
550,707	93.36	39,172	6.64	589,879

Source : MOHE (Policy Planning and Research Division).

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

Under Graduate		Post Graduate		Others		Total
Number	%	Number	%	Number	%	
488,458	82.81	101,421	17.19	0	0.00	589,879

Note : Undergraduate includes Advance Diploma, Bachelor's degree, Diploma, Matriculation, Professional, Pre-diploma, Certificate and Pre-session.

: Postgraduate includes Postgraduate Diploma, Masters and Ph.D.

Source : MOHE (Policy Planning and Research Division).

Table 8.6 Student and Academic Staff Ratio at Public Universities

Academic Staff (A)*	Enrolment (B)**	Ratio (A:B)
31,568	589,879	1:18.69

Note : *Academic Staff - data as of 31st December 2021.

: ** Enrolment - data as of 30th November 2021.

Source : MOHE (Policy Planning and Research Division).



9. EDUCATIONAL EXPENDITURE

Table 9.1 Percentage of Actual Total Educational Expenditure Against Total Government Expenditure (2020-2022)

	Percentage (%)		
	2020	2021	2022
Educational Expenditure to Government Expenditure	16.76	16.37	16.92

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

: Data for year 2022 are as per Budget Book.

Source : MOE (Finance Division).

Table 9.2 Actual Educational Capital and Recurrent Expenditure at Current Price (2020-2022)

	(RM Millions)		
	2020	2021	2022
Capital	2,131	3,088	5,034
Recurrent Expenditure	47,977	47,271	47,591
TOTAL	50,108	50,359	52,625

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

: Data for year 2022 are as per Budget Book.

Source : MOE (Finance Division).

Table 9.3 Percentage of Actual Educational Capital and Recurrent Expenditure (2020-2022)

	Percentage (%)		
	2020	2021	2022
Capital	4.25	6.13	9.57
Recurrent Expenditure	95.75	93.87	90.43

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

: Data for year 2022 are as per Budget Book.

Source : MOE (Finance Division).

Table 9.4 Actual Educational Recurrent Expenditure by Category (2020-2022)

Category	RM (Millions)		
	2020	2021	2022
Emolument	38,111.14	38,935.71	40,347.11
Service & Supply	5,602.77	4,010.44	3,398.58
Asset	101.86	110.00	0.00
Fixed Charges & Grants	4,161.25	4,214.77	3,845.22
Other Expenditure	0.03	0.03	0.03
TOTAL	47,977.05	47,270.94	47,590.93

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

: Data for year 2022 are as per Budget Book.

Source : MOE (Finance Division).

Table 9.5 Percentage of Recurrent Educational Expenditure by Category (2020-2022)

Category	Percentage (%)		
	2020	2021	2022
Emolument	79.44	82.37	84.78
Services & Supply	11.68	8.48	7.14
Asset	0.21	0.23	0.00
Fixed Charges & Grants	8.67	8.92	8.08
Other Expenditure	0.00	0.00	0.00

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

: Data for year 2022 are as per Budget Book.

Source : MOE (Finance Division).



10. ECONOMIC INDICATORS

Table 10.1 Economic Indicators (2020-2022)

GDP	2020^p	2021^e	2022^f
GDP: Real Growth Rate (%)	-5.5	3.1	5.5 - 6.5 ¹
GNI: Per Capita (RM)	42,643	46,051	48,187 ¹
GDP Composition by Sector (% of growth)	2020^p	2021^e	2022^f
Agriculture, forestry and fishing	-2.4	-0.2	3.9 ¹
Mining and quarrying	-9.7	0.3	-0.3 ¹
Manufacturing	-2.7	9.5	4.7 ¹
Construction	-19.3	-5.2	11.5 ¹
Services (including government services)	-5.4	1.9	7.0 ¹
Inflation Rate [CPI] (%)	-1.2	2.5	2.1 ¹
Federal Government Finance (RM million)	2020	2021^r	2022^b
Revenue	225,076	221,023 ²	234,011 ²
Operating Expenditure	224,600	219,600 ²	233,500 ²
Development Expenditure (Gross)	51,360	62,000 ²	75,600 ²
Employment by Sector (% of share)	2020	2021^e	2022^{f*}
Agriculture, forestry and fishing	10.5	10.3	-
Mining and quarrying	0.5	0.5	-
Manufacturing	16.7	16.6	-
Construction	7.7	7.8	-
Services	59.1	59.6	-
Unemployment rate (%)	2020	2021^e	2022^f
	4.5	4.6	4.0 ¹
Labour Force (million persons)	2020	2021^e	2022^f
	15,667.7	15,797.2	16,117.3 ¹

Note : *Data will be available after October 2022.

: ^p Preliminary.

: ^e Estimate.

: ^f Forecast.

: ^r Revised estimate.

: ^b Budget estimate, excluding 2022 budget measures.

¹ Economic Outlook 2022, Ministry of Finance, Malaysia.

² Fiscal Outlook 2022, Ministry of Finance, Malaysia.

Source : DOSM and MOF.



11. DEMOGRAPHIC INDICATORS

Table 11.1 Population by Age Group (2020-2021)

Age Group	2020 (Number in Millions)		2021 (Number in Millions)	
	Number	%	Number	%
0-3	2.0	6.1	2.0	6.0
4-5	1.1	3.4	1.0	3.2
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	3.2
17-18	1.1	3.4	1.1	3.4
19-23	3.1	9.5	3.0	9.3
24-29	3.9	12.0	3.8	11.7
30-39	5.4	16.6	5.5	16.8
40-49	3.8	11.6	3.8	11.8
50-59	3.1	9.5	3.1	9.6
60-69	2.1	6.4	2.2	6.7
70-79	1.0	3.1	1.1	3.3
80+	0.4	1.2	0.4	1.2
Total	32.6	100.0	32.7	100.0

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

: The added total may differ due to rounding.

Source : DOSM.

Table 11.2 Population by State (2020-2021)

State	2020 (Number in Millions)		2021 (Number in Millions)	
	Number	%	Number	%
Johor	3.8	11.6	3.8	11.6
Kedah	2.2	6.7	2.2	6.7
Kelantan	1.9	5.8	1.9	5.9
Melaka	0.9	2.9	0.9	2.9
Negeri Sembilan	1.1	3.5	1.1	3.5
Pahang	1.7	5.1	1.7	5.2
Perak	2.5	7.7	2.5	7.7
Perlis	0.3	0.8	0.3	0.8
Pulau Pinang	1.8	5.4	1.8	5.4
Selangor	6.5	20.0	6.6	20.1
Terengganu	1.3	3.9	1.3	3.9
Sabah	3.9	11.9	3.8	11.7
Sarawak	2.8	8.6	2.8	8.6
WP Kuala Lumpur	1.8	5.4	1.7	5.4
WP Labuan	0.1	0.3	0.1	0.3
WP Putrajaya	0.1	0.3	0.1	0.4
Total	32.6	100.0	32.7	100.0

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

: The added total may differ due to rounding.

Source : DOSM.



Table 11.3 Population by Region and Strata (2020-2021)

Region	Population (in millions)			
	2020		2021	
	Urban	Rural	Urban	Rural
Peninsular Malaysia	20.9	4.9	21.1	4.8
Sabah & WP Labuan	2.5	1.5	2.5	1.5
Sarawak	1.7	1.1	1.7	1.1
Total	25.1	7.5	25.3	7.4

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

: The added total may differ due to rounding.

Source : DOSM.

Table 11.4 Population by Strata (2020-2021)

Location	2020		2021	
	Population ('000)	%	Population ('000)	%
Urban	24,996.1	76.7	25,230.2	77.3
Rural	7,587.9	23.3	7,425.2	22.7
Total	32,584.0	100.0	32,655.4	100.0

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

: The added total may differ due to rounding.

Source : DOSM.

Table 11.5 Birth, Death, and Fertility Rates (2018-2020)

	2018	2019	2020
Crude birth rate (per 1,000 population)	15.50	15.00	14.40
Crude death rate (per 1,000 population)	5.30	5.30	5.10
Infant mortality rate (per 1,000 live births)	7.20	6.40	5.70
Total fertility rate (per woman aged 15-49 years)	1.80	1.80	1.70

Note : Birth, death, and fertility indicators for year 2021 will be available after October 2022.

Source : DOSM.

Table 11.6 Literacy Rate (2019-2021)

	2019			2020			2021		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Literacy Rate Age 10 and above (%)	97.6	95.1	96.4	97.7	95.5	96.6	97.7	95.6	96.7
Literacy Rate, Adult (Age 15+) (%)	97.4	94.6	96.0	97.5	95.1	96.3	97.5	95.2	96.4
Literacy Rate, Youth (Age 15-24) (%)	99.1	99.2	99.1	99.1	99.3	99.2	99.2	99.6	99.4

Note : Literacy : Proxy using sample of Labour Force Survey (refers to persons who have ever been to school that is, those currently schooling or completed schooling).

: Population figures are derived from sample of Labour Force Survey and excluded non-Malaysian citizens.

Source : DOSM (MBLS) - Labour Force Survey.



Table 11.7 Educational Attainment (2019-2021), Percentage Share

	2019			2020			2021		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Educational Attainment, Ages 25+, No Formal Education (%)	3.9	7.4	5.6	3.6	6.7	5.1	4.2	6.0	5.1
Educational Attainment, Ages 25+, Primary (%)	17.7	17.5	17.6	15.5	15.8	15.6	13.1	13.2	13.2
Educational Attainment, Ages 25+, Secondary (%)	54.5	48.4	51.5	54.8	49.7	52.3	54.8	50.0	52.4
Educational Attainment, Ages 25+, Tertiary (%)	23.9	26.7	25.3	26.1	27.8	27.0	27.9	30.8	29.3

	2019			2020			2021		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Educational Attainment, Ages 15+, No Formal Education (%)	3.8	6.3	5.0	3.4	5.7	4.5	3.8	5.1	4.4
Educational Attainment, Ages 15+, Primary (%)	14.8	14.4	14.6	13.1	12.9	13.0	11.0	10.9	11.0
Educational Attainment, Ages 15+, Secondary (%)	56.3	50.1	53.3	57.4	52.4	55.0	57.7	51.9	54.9
Educational Attainment, Ages 15+, Tertiary (%)	25.1	29.2	27.1	26.1	29.0	27.5	27.5	32.1	29.7

Note : Population figures are derived from sample of Labour Force Survey.

Source : DOSM (MBLS) - Labour Force Survey.



12. MALAYSIA EDUCATION INDICATORS

Table 12.1 Enrolment Rates (2019-2021)

Levels	2019	2020	2021
Primary*			
Enrolment	2,912,744	2,953,324	2,983,463
Population 6+ - 11+**	2,968,001	3,006,685	3,036,160
Enrolment Rate (%)	98.14	98.23	98.26
Lower Secondary			
Enrolment	1,354,615	1,345,887	1,364,416
Population 12+ - 14+**	1,414,210	1,412,259	1,431,057
Enrolment Rate (%)	95.79	95.30	95.34
Upper Secondary			
Enrolment	847,170	838,033	837,012
Population 15+ - 16+**	964,415	952,129	945,426
Enrolment Rate (%)	87.84	88.02	88.53
Post Secondary			
Enrolment***	188,324	177,600	179,597
Population 17+ - 18+**	1,045,752	986,919	975,937
Enrolment Rate (%)	18.01	18.00	18.40

Note : * Data exclude preschool enrolment in primary schools.

: ** Based on live birth.

: *** Data include enrolment in Form 6, matriculation colleges, and ITE under the MOE.

Source : MOE (EPRD).

Table 12.2 Transition Rates: Primary to Lower Secondary and Lower Secondary to Upper Secondary Levels (2019-2021)

Transition Rate	Percentage (%)		
	2019	2020	2021
From Year 6 to Form 1	98.42	97.92	97.60
From Form 3 to Form 4	97.50	97.67	99.22

Note : Data include enrolment from the MOE, private, MRSM, RMC, and religious schools.

Source : MOE (EPRD).

Table 12.3 Pupil-Teacher Ratio (2019-2021)

Level	Ratio		
	2019	2020	2021
Primary	12.06	12.03	12.25
Secondary	11.21	11.04	11.51

Note : Data for secondary level for year 2020 had been revised.

Source : MOE (EPRD).

Table 12.4 Average Class Size (Pupils per Class) (2019-2021)

Level	2019	2020	2021
Primary	25.73	25.77	25.95
Secondary	20.94	25.04	25.47

Source : MOE (EPRD).



Table 12.5 Average School Size (Pupils per School) (2019-2021)

Level	2019	2020	2021
Primary	351	352	356
Secondary	839	815	828

Source : MOE (EPRD).

Table 12.6 Completion Rate (2019-2021)

Level	2019	2020	2021
Primary	97.96	98.44	98.97
Secondary	90.78	90.02	92.17

Source : MOE (EPRD).



13. WORLD EDUCATION INDICATORS

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

ISCED	Level of Education	2019	2020	2021
0	Pre-School	1,003,871	997,968	912,564
1	Primary	3,032,323	3,081,723	-
2	Lower Secondary	1,345,080	1,337,514	1,351,208
3	Upper Secondary	1,257,136	1,175,921	1,184,371
4	Post Secondary	-	-	-
5	Short Cycle Tertiary	398,615	355,219	345,275
6	Bachelor's Degree	680,068	698,971	658,011
7	Master's Degree	95,047	90,634	87,592
8	Doctoral Degree	44,516	47,949	56,193

Note : ISCED - International Standard Classification of Education.

: Data for 2020 had been updated.

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	2019	2020	2019	2019	2019	2019	2019	2019
Primary	99.92	103.91	...	102.52	99.73	100.99	100.49	100.98
Secondary	145.32	82.46	...	97.54	140.65	95.87	118.74	100.06

Note : ...- data not available.

Source : UNESCO Institute for Statistics (UIS).

Table 13.3 Gross Intake Ratio

	Finland	Malaysia	Germany	Japan	Australia	Republic of Korea	UK	USA
Reference year	2019	2020	2019	..	..	2019	2019	2019
To the last grade of primary education	100.98	104.64	99.02	..	..	105.24	101.59	100.49
To the last grade of lower secondary general education	101.25	84.59	..	..	..	96.7	99.95	103.41

Note : ...- data not available.

Source : UNESCO Institute for Statistics (UIS).



Table 13.4 Number of Years in Education Guaranteed in Legal Frameworks

	Finland	Malaysia	Germany	Japan	Australia	Republic of Korea	UK	USA
Reference year	2021	2020	2021	2020	2020	2020	2021	2021
Compulsory primary and secondary education	9	6	13	9	10	9	11	12
Free primary and secondary education	12	11	13	9	13	9	13	12

Source : UNESCO Institute for Statistics (UIS).

Table 13.5 School Life Expectancy

	Finland	Malaysia	Japan	Germany	Australia	Republic of Korea	UK	USA
Reference year	2019	2020	2019	2019	2019	2019	2019	2019
Pre-primary	3.49	1.93	...	3.24	1.65	2.77	2.12	2.17
Primary and secondary	14.35	11.19	...	12.73	15.11	11.79	14.15	12.04
Tertiary	4.33	2.15	...	3.47	5.45	4.73	3.16	3.97
Primary to Tertiary	19.05	13.34	...	17.01	21.58	16.52	17.31	16.28

Note : ... - data not available.

Source : UNESCO Institute for Statistics (UIS).

Table 13.6 Adjusted Net Enrolment Rate, One Year Before the Official Primary Entry Age

	Finland	Malaysia	Germany	Japan	Australia	Republic of Korea	UK	USA
Reference year	2019	2020	2019	...	2020	2019	2019	2019
Adjusted net enrolment rate	98.84	90.32	97.02	...	82.05	89.34	100	89.78

Note : ... - data not available.

Source : UNESCO Institute for Statistics (UIS).



Table 13.7 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
Bachelor's Degree (%)	12.4	9.7	17.3	13.9	23.3	24.2	17.2	21.9
Master's 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.
 : x(NS) - Data included in No Schooling.
 : . data not applicable.
 : - magnitude null or negligible.

Source : UNESCO Institute for Statistics (UIS).

Table 13.8 Government Expenditure on Education as Percentage of GDP (%)

	Finland	Malaysia	Japan	Germany	Australia	Republic of Korea	UK	USA
Reference year	2018	2019	2018	2018	2018	2018	2018	2018
Primary	1.35	1.52	1.08	0.65	1.76	1.46	1.68	1.56
Secondary	2.31	1.56	1.27	2.00	1.72	1.74	1.81	1.73
Tertiary	1.54	0.95	0.63	1.27	1.18	0.87	1.43	1.27

Source : UNESCO Institute for Statistics (UIS).

Table 13.9 Expenditure on Education as Percentage of Total Government Expenditure (%)

	Finland	Malaysia	Germany	Japan	Australia	Republic of Korea	UK	USA
Reference year	2018	2021	2018	..	2018	..	2018	2018
Expenditure on education	11.75	16.37	11.23	..	13.48	..	13.34	13.15

Note : ... - data not available.

Source : UNESCO Institute for Statistics (UIS).

14. MALAYSIA IN INTERNATIONAL ASSESSMENTS

Table 14.1 Programme for International Student Assessment (PISA)

Proportion of 15 year-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:

- : a) 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.
- : b) 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.
- : c) 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:

- : 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), 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 x 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)

	2020	2021
Expenditure on education, % GDP	4.50	4.2
Government expenditure/ pupil, secondary, % GDP/ capita	22.80	19.2
School life expectancy, years	13.70	13.7
PISA scales in reading, mathematics & science	430.90	430.9
Pupil-teacher ratio, secondary	11.40	11.40
Score	46.0	40.6
Component Ranking	29	39

Note : Human Capital & Research component consists of 12 indicators with 5 education indicators, 3 tertiary indicators and 4 research and development indicators.

Source : INSEAD and World Intellectual Property Organisation (WIPO), 2021.



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

	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 for Statistics (UIS).

Source : World Economics Forum (WEF), 2020.

Table 15.4 The World Competitiveness Yearbook (Education)

	2021	2022
Total public expenditure on education (% GDP)	4.2	4.5
Total public expenditure on education per capita (USD)	477	462
Total public expenditure on education per student, all levels (USD)*	3,188	1,963
Pupil-teacher ratio (Primary)	11.7	12.03
Pupil-teacher ratio (Secondary)	11.3	11.04
Secondary gross education enrolment rate	90.5	76
Educational assessment (Mathematics) (PISA survey of 15-year olds)	440	440
Educational assessment (Sciences) (PISA survey of 15-year olds)	438	438
Students who are not low achievers (PISA)	44.9	44.9
Primary and secondary education meets the needs of a competitive economy (SD)	6.11	5.67
Adult (over 15 years) illiteracy rate as a percentage of population	5.1	5
Language skills are meeting the needs of enterprises (SD)	6.66	6.27
Component Ranking	39	44

Note : Data provided by the MOE.

: SD - Soft Data from Executive Opinion Survey.

Source : Institute for Management Development (IMD), 2022.

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

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

: SD- Soft data from Executive Opinion Survey; HD- Hard data sourced from UNESCO Institute for 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
DOSM	Department of Statistics Malaysia
MBLS	Malaysia Bureau of Labour Statistics
EPRD	Educational Policy 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)
SRAS	Sekolah Rendah Agama Swasta (Private Religious Primary School)
SMAN	Sekolah Menengah Agama Rakyat (State Religious Secondary School)
SMAR	Sekolah Menengah Agama Rakyat (People Religious Secondary School)
SMAS	Sekolah Menengah Agama Swasta (Private Religious Secondary School)
RMC	Royal Military College
ITE	Institute of Teacher Education
UIS	UNESCO Institute for Statistics



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