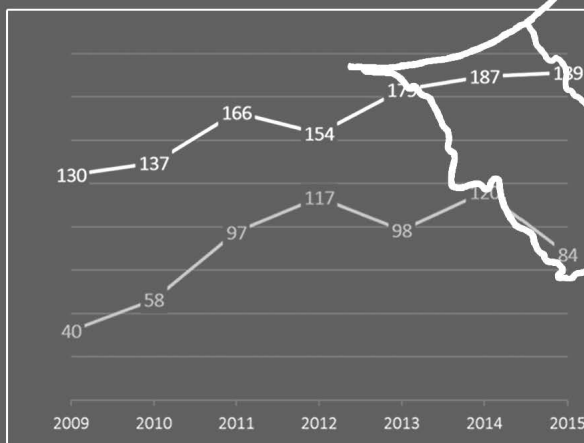




كمنترين فنديقن  
نكارا بروني دارالسلام

# BRUNEI DARUSSALAM EDUCATION STATISTICS AND INDICATORS HANDBOOK 2012 - 2016



Department of Planning, Development & Research  
Ministry of Education  
NEGARA BRUNEI DARUSSALAM



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## LIST OF ACRONYMS

MoE	- Ministry of Education
MoRA	- Ministry of Religious Affairs
MoCYS	- Ministry of Culture, Youth and Sports
PMO	- Prime Minister's Office
Private	- Schools / Institutions under private sector
DPDR	- Department of Planning, Development and Research
DEPD	- Department of Economic Planning and Development
PB	- <b>P</b> oliteknik <b>B</b> runei
UTB	- <b>U</b> niversiti <b>T</b> eknologi <b>B</b> runei
UBD	- <b>U</b> niversiti <b>B</b> runei <b>D</b> arussalam
UNISSA	- <b>U</b> niversiti Islam <b>S</b> ultan <b>S</b> harif <b>A</b> li
KUPUSB	- <b>K</b> olej <b>U</b> niversiti <b>P</b> erguruan <b>U</b> gama <b>S</b> eri <b>B</b> egawan
KIGS	- <b>K</b> olej <b>I</b> nternational <b>G</b> raduate <b>S</b> tudies
LCB	- <b>L</b> aksamana <b>C</b> ollege of <b>B</b> usinesss
HND	- Higher National Diploma
GER	- Gross Enrolment Rate
NER	- Net Enrolment Rate
GPI	- Gender Parity Index
NIR	- Net Enrolment Rate
GIR	- Gross Intake Rate
PTR	- Pupil-Teacher Ratio
MF	- Male and Female
F	- Female
M	- Male

# I OVERVIEW

## General Information

Total Population	417,200 (2015)
Annual Rate of Increase	1.3 (2015)
Life Expectancy at Birth	77.4 (2015)
Infant Mortality Rate per 1000 live births	8.8 (2015)
Literacy Rate (Total)	98 (2015)
Literacy Rate (Male)	98.6 (2015)
Literacy Rate (Female)	97.4 (2015)
GDP per Capita at current prices	42,610* (2015)
Number of Schools	252
Number of Teachers	10,985
Number of Students	111,698
Teacher to Student Ratio	1 : 10
School to Student Ratio	1 : 443
School to Teacher Ratio	1 : 44
Number of Graduates at Higher Education (local Institution)	4,035

Note:

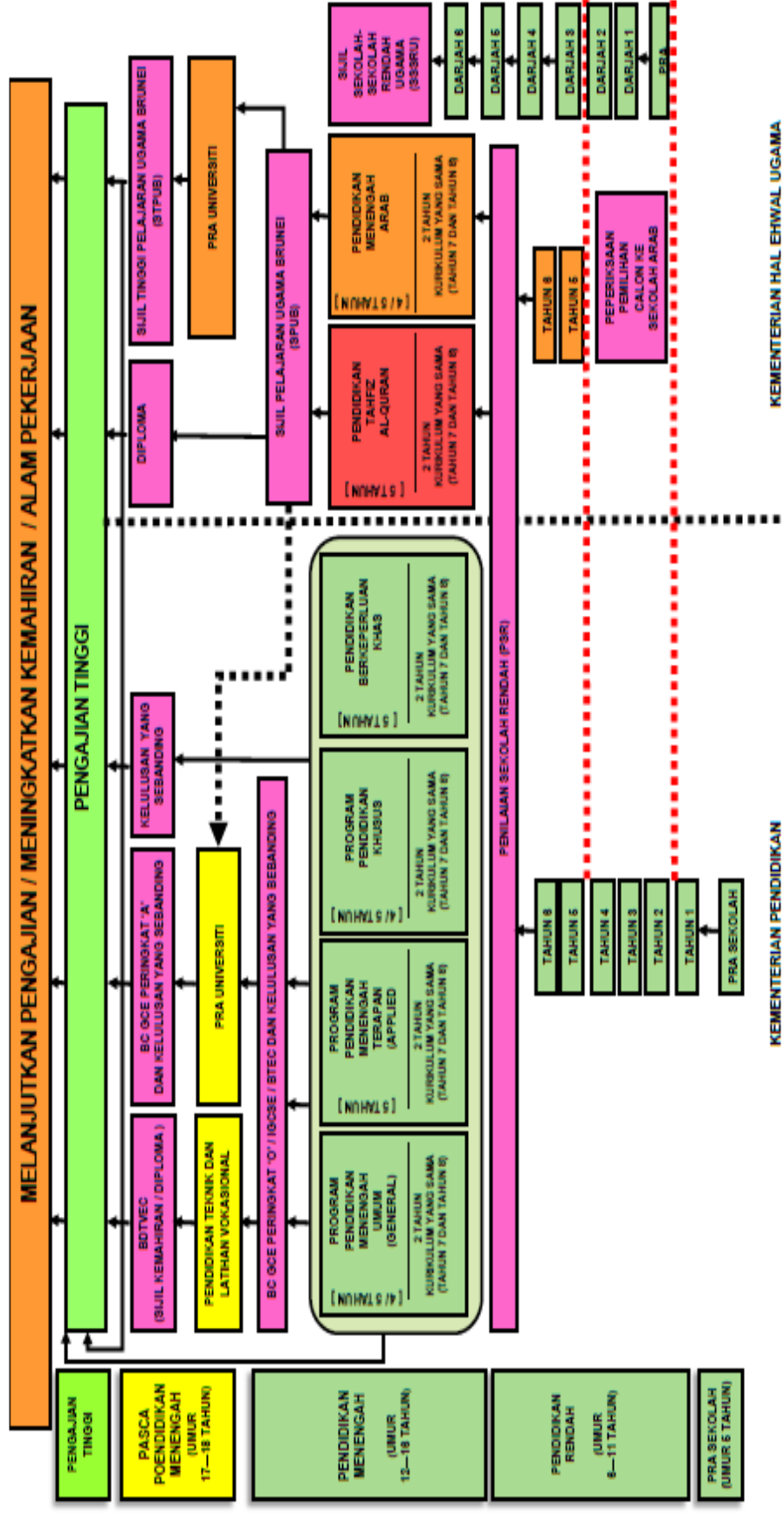
\* - Based on the revised and rebasing of the national accounts with basic year 2010, Department of Economic Planning and Development

Source:

Department of Economic Planning and Development, Prime Minister's Office (2015)

Department of Planning, Development and Research, Ministry of Education (2016)

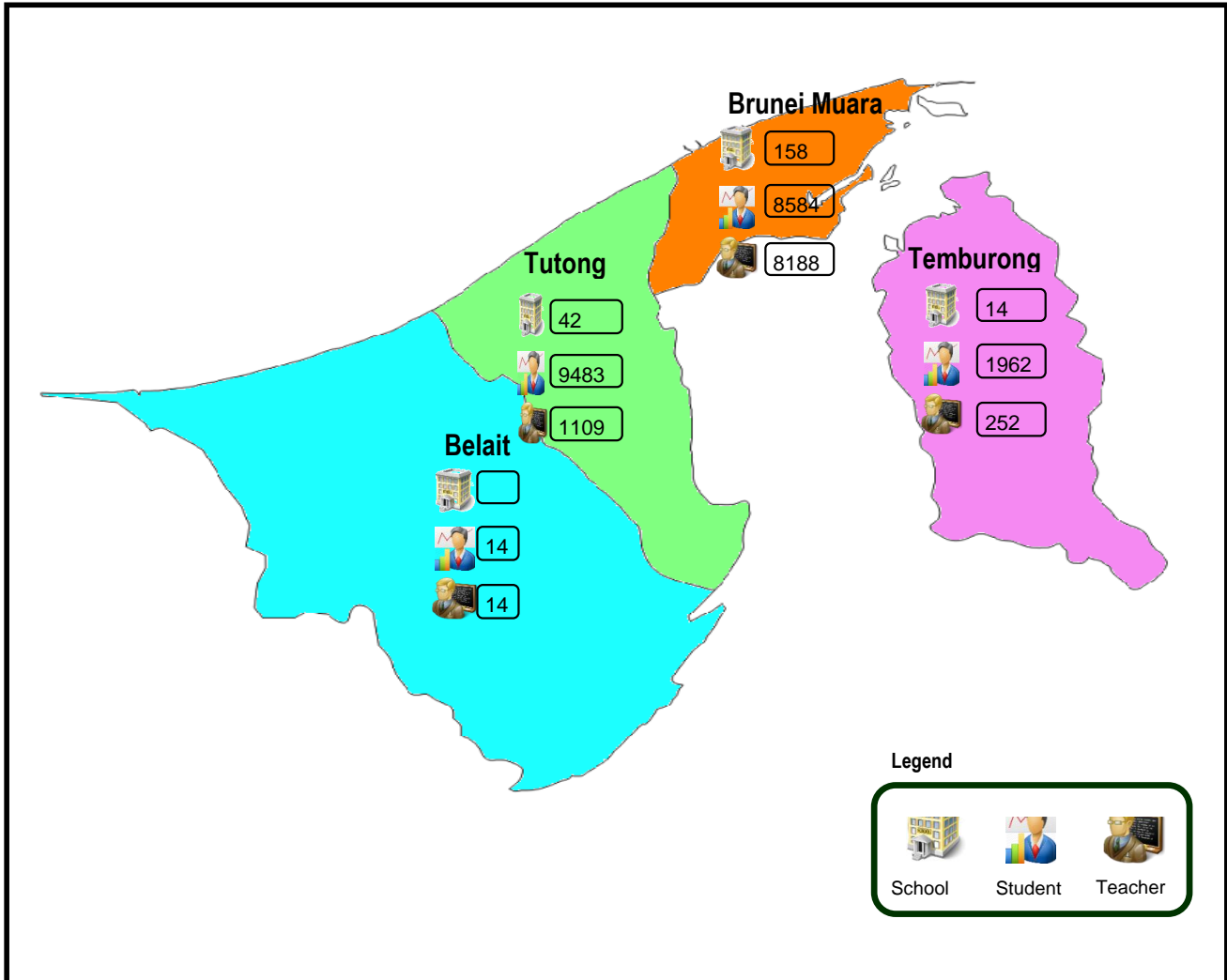
SPN21 EDUCATION SYSTEM STRUCTURE



Source : SPN21, Ministry of Education (2013)

## II Education Statistics [2012-2016]

### Number of Schools, Teachers and Students in All Districts of Brunei Darussalam [2016]



Source: Education Statistics 2016, DPDR

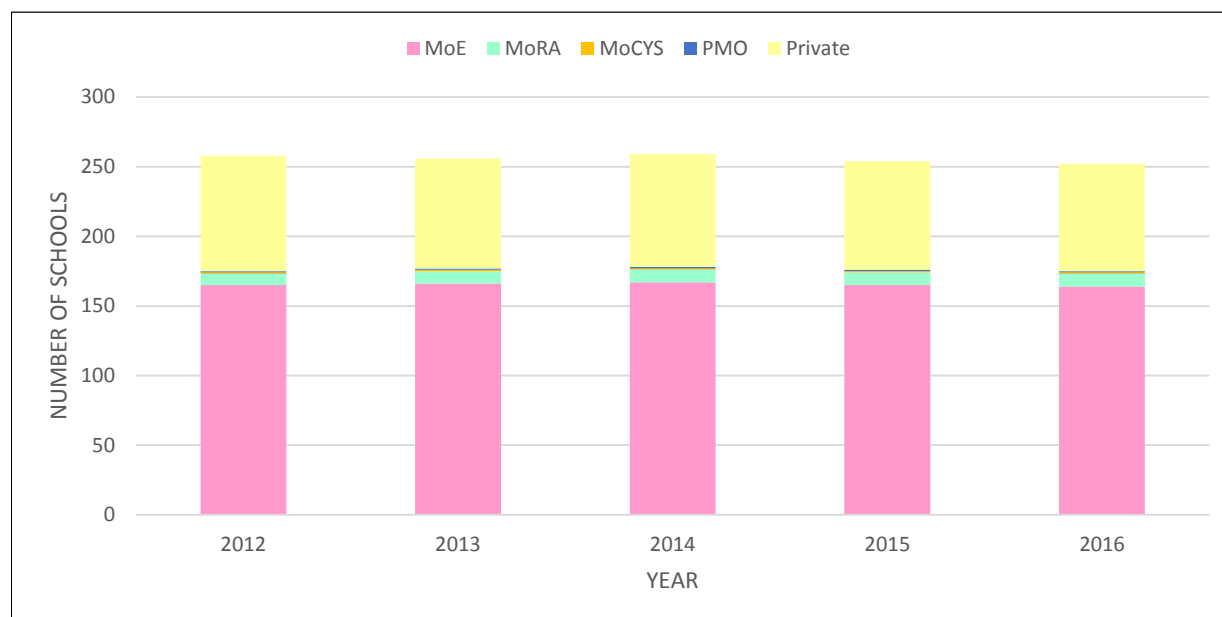
### Number of Schools by Sector and Level of Education

Sector	Ministry	Level of Education	Year				
			2012	2013	2014	2015	2016
Government	MOE	Pre-Primary	119	120	120	118	117
		Primary					
		Secondary	31	31	32	32	32
		Sixth Form	4	4	4	4	4
		Vocational Technical	7	7	7	7	7
		Higher Education	4	4	4	4	4
	MoRA	Primary	4	5	5	5	5
		Secondary	2	2	2	2	2
		Sixth Form	1	1	1	1	1
		Higher Education	1	1	1	1	1
	MoCYS	Vocational Technical	1	1	1	1	1
PMO	Vocational Technical	1	1	1	1	1	
Private	Pre-Primary	79	74	76	73	71	
	Primary						
	Secondary						
	Sixth Form						
	Vocational Technical	2	3	3	3	4	
	Higher Education	2	2	2	2	2	
<b>Total</b>			<b>258</b>	<b>256</b>	<b>259</b>	<b>254</b>	<b>252</b>

Source: Brunei Darussalam Education Statistics 2012-2016, DPDR



## Total Number of Students



Ministry / Sector		2012	2013	2014	2015	2016
Government	MoE	165	166	167	165	164
	MoRA	8	9	9	9	9
	MoCYS	1	1	1	1	1
	PMO	1	1	1	1	1
Private		83	79	81	78	77
Total		258	256	259	254	252

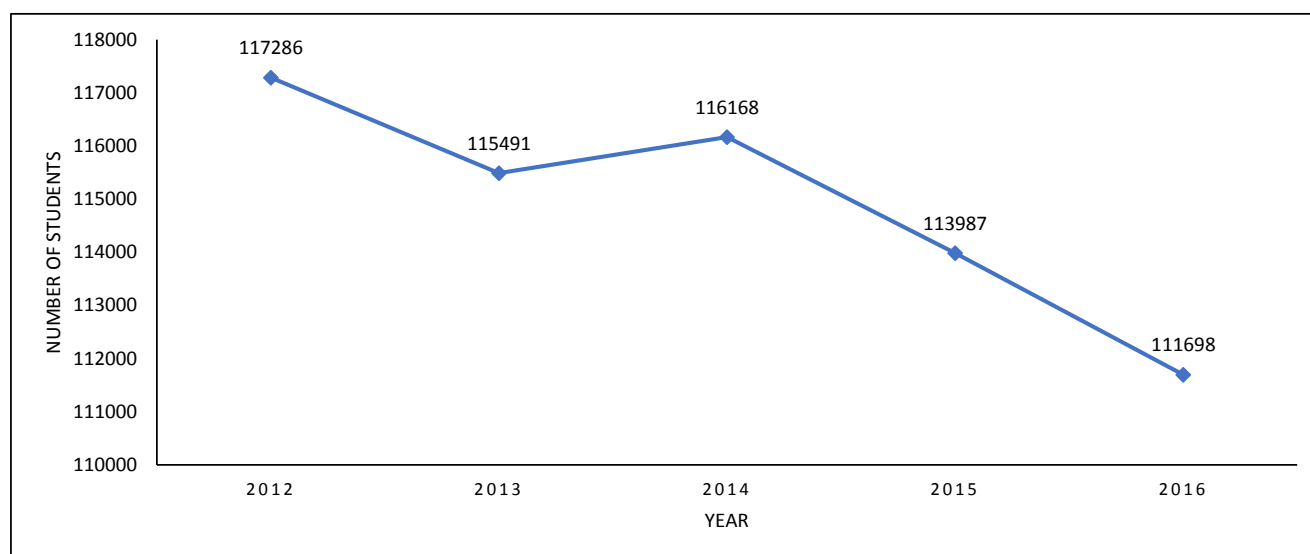
Source: Brunei Darussalam Education Statistics 2012-2016, DPDR

### Number of Students by Sector and Level of Education

Sector	Ministry	Level of Education	Year				
			2012	2013	2014	2015	2016
Public	MOE	Pre-Primary	3285	2961	3052	3046	3035
		Primary	25770	24917	23726	22956	22282
		Secondary	32704	30803	29907	28723	27655
		Sixth Form	5691	5678	4723	4216	3858
		Vocational Technical	3967	4609	3409	3779	3452
		Higher Education	6940	7738	9472	9417	9396
	MoRA	Primary	1049	1088	1236	1521	1852
		Secondary	1599	1851	2030	2295	2677
		Sixth Form	334	424	442	431	535
		Higher Education	648	732	820	774	815
	MoCYS	Vocational Technical	304	254	241	235	208
PMO	Vocational Technical	40	37	17	27	47	
Private		Pre-Primary	9810	10073	10324	10255	10576
		Primary	15934	16085	16116	15920	16337
		Secondary	5722	5675	5832	5659	5590
		Sixth Form	382	446	453	411	416
		Vocational Technical	1653	1793	1955	1473	1151
		Higher Education	1454	327	2413	2849	1816
<b>Total</b>			<b>117286</b>	<b>115491</b>	<b>116168</b>	<b>113987</b>	<b>111698</b>

Source: Brunei Darussalam Education Statistics 2012-2016, DPDR

### Total Number of Students



Ministry / Sector		2012	2013	2014	2015	2016
Government	MoE	78357	76706	74289	72137	69678
	MoRA	3630	4095	4528	5021	5879
	MoCYS	304	254	241	235	208
	PMO	40	37	17	27	47
Private		34955	34399	37093	36567	35886
Total		117286	115491	116168	113987	111698

Source: Brunei Darussalam Education Statistics 2012-2016, DPDR

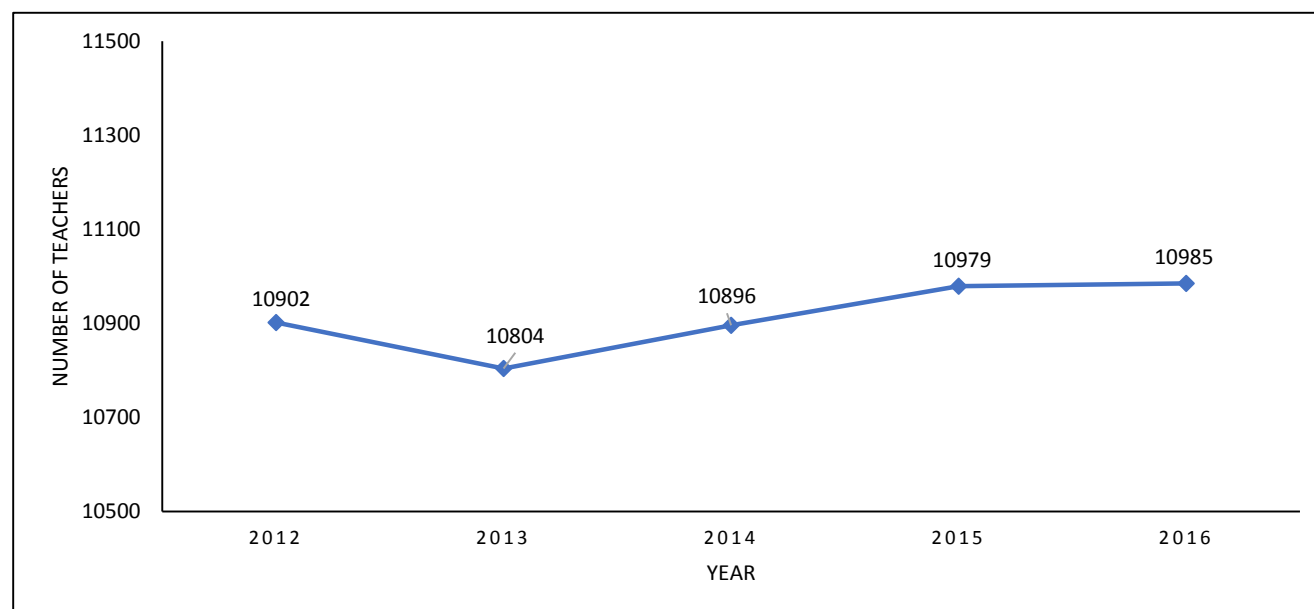
### Number of Teachers by Sector and Level of Education

Sector	Ministry	Level of Education	Year				
			2012	2013	2014	2015	2016
Public	MOE	Pre-Primary	247	205	259	234	252
		Primary	2866	2885	2762	2706	2615
		Secondary	3230	3191	3324	3288	3280
		Sixth Form	513	518	543	547	537
		Vocational Technical	464	503	527	506	472
		Higher Education	621	599	618	685	686
	MoRA	Primary	142	70	143	167	183 <sup>(i)</sup>
		Secondary	334	312	245	292	301 <sup>(i)</sup>
		Sixth Form	59	136	64	60	62 <sup>(i)</sup>
		Higher Education	36	44	48	50	38
	MoCYS	Vocational Technical	53	19	23	30	29
PMO	Vocational Technical	18	17	16	15	15	
Private	Pre-Primary	716	482	527	545	633 <sup>(i)</sup>	
	Primary	1030	1135	1099	1160	1171 <sup>(i)</sup>	
	Secondary	463	585	500	491	485 <sup>(i)</sup>	
	Sixth Form			26	26	63 <sup>(i)</sup>	
	Vocational Technical	58	79	91	92	79	
	Higher Education	52	24	81	85	84	
<b>Total</b>			<b>10902</b>	<b>10804</b>	<b>10896</b>	<b>10979</b>	<b>10985</b>

Source: Brunei Darussalam Education Statistics 2012-2016, DPDR

<sup>(i)</sup> - Teachers teaching more than one level of education are included in the level based on the highest number of teaching periods or number of classes taught.

## Total Number of Teachers



Ministry / Sector		2012	2013	2014	2015	2016
Government	MoE	7941	7901	8033	7966	7842
	MoRA	571	562	500	569	584
	MoCYS	53	19	23	30	29
	PMO	18	17	16	15	15
Private		2319	2305	2324	2399	2515
Total		10902	10804	10896	10979	10985

Source: Brunei Darussalam Education Statistics 2012-2016, DPDR

**Pre-Primary and Primary Enrolment by Age (2016)**

Level	Gender	Age (in years)											Total
		2	3	4	5	6	7	8	9	10	11	≥ 12	
Pre-Primary	MF	191	2946	4116	5072	1263	22	0	1	0	0	0	13611
	M	92	1465	2106	2597	664	10	0	1	0	0	0	6935
	F	99	1481	2010	2475	599	12	0	0	0	0	0	6676
Primary	MF	0	0	36	625	5253	6673	6114	6789	6977	6395	1609	40471
	M	0	0	19	337	2672	3492	3115	3479	3623	3261	869	20867
	F	0	0	17	288	2581	3181	2999	3310	3354	3134	740	19604

Source: Brunei Darussalam Education Statistics 2012-2016, DPDR

**Secondary Enrolment by Age (2016)**

Level	Gender	Age (in years)								Total
		≤ 11	12	13	14	15	16	17	≥ 18	
Secondary	MF	1196	5837	7183	7296	7048	5222	1688	452	35922
	M	618	2912	3651	3762	3708	2799	952	300	18702
	F	578	2925	3532	3534	3340	2423	736	152	17220

Source: Brunei Darussalam Education Statistics 2012-2016, DPDR

**Sixth Form Enrolment by Age (2016)**

Level	Gender	Age (in years)					Total
		≤ 14	15	16	17	≥ 18	
Sixth Form	MF	6	336	1278	1831	1358	4809
	M	3	130	592	767	556	2048
	F	3	206	686	1064	802	2761

Source: Brunei Darussalam Education Statistics 2012-2016, DPDR

**Vocational Technical Enrolment by Age (2016)**

Level	Gender	Age (in years)								Total
		16	17	18	19	20	21	22	≥ 23	
Vocational Technical	MF	34	406	982	1038	760	497	369	772	4858
	M	19	207	520	564	423	276	212	424	2645
	F	15	199	462	474	337	221	157	348	2213

Source: Brunei Darussalam Education Statistics 2012-2016, DPDR

## Higher Education Enrolment by Age (2016)

Level	Gender	Age (in Years)													Unknown	Total				
		16	17	18	19	20	21	22	23	24	25	26	27	28			29	30-34	35-39	≥ 40
Higher Education	MF	33	320	903	1525	1787	1908	1717	1143	745	508	312	188	134	123	333	186	115	47	12027
	M	14	139	367	591	712	750	715	455	308	227	133	79	48	47	137	67	50	14	4853
	F	19	181	536	934	1075	1158	1002	688	437	281	179	109	86	76	196	119	65	33	7174

Source: Brunei Darussalam Education Statistics 2012-2016, DPDR

## Number of Graduates by Institutions (Local Institutions)

Institutions	2012			2013			2014			2015			2016		
	M	F	MF	M	F	MF	M	F	MF	M	F	MF	M	F	MF
UBD	335	840	1175	298	729	1027	327	791	1118	322	804	1126	420	1057	1477
UNISSA	57	76	133	66	82	148	40	75	115	43	77	120	77	103	180
UTB	173	195	368	195	235	430	185	231	416	170	218	388	276	277	553
PB	0	0	0	0	0	0	248	334	582	143	173	316	136	239	375
KUPUSB	67	116	183	104	171	275	73	146	219	61	172	233	85	160	245
LCB	217	232	449	123	135	258	201	226	427	273	284	557	268	299	567
KIGS	60	36	96	97	86	183	273	283	556	383	412	795	298	340	638

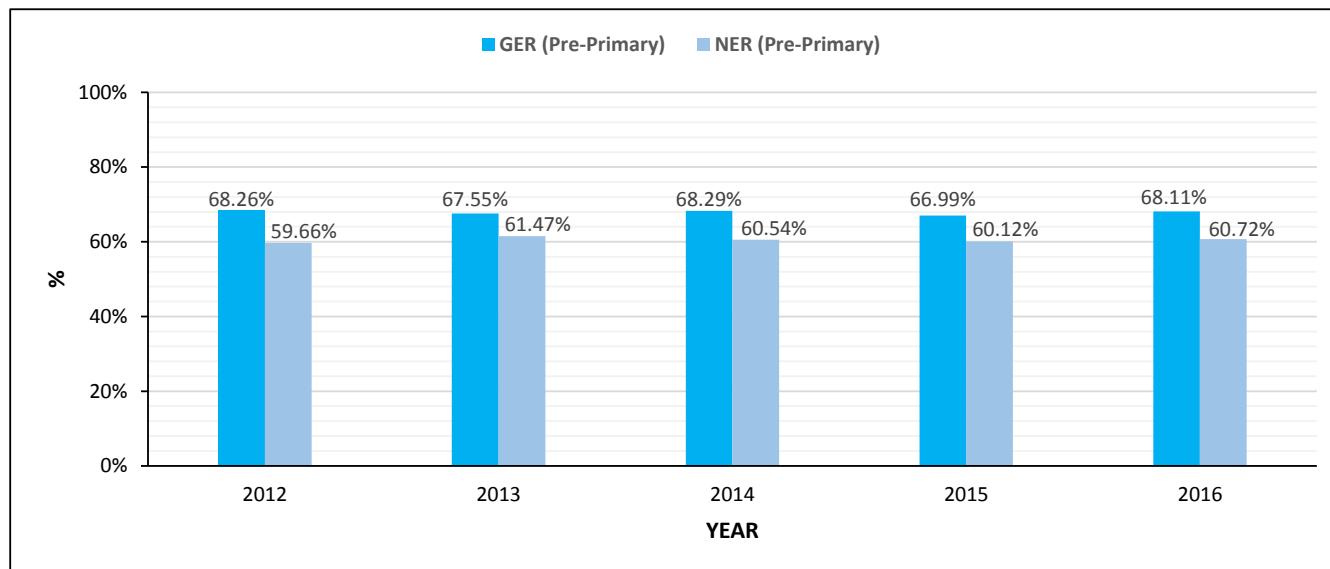
Source: Brunei Darussalam Education Statistics 2012-2016, DPDR

Note:-

- Pengiran Anak Puteri Rashidah Sa'adatul Bolkiah Nursing College was merged to University Brunei Darussalam (UBD) in the year 2009
- Institut Teknologi Brunei (ITB) was upgraded to university level in the year 2008 and known as University Technology Brunei on 26 March 2016
- UNISSA was established in the year 2007 and only had their graduates in the year 2011
- Religious Teachers College was upgraded to KUPUSB in the year 2007
- Politeknik Brunei started the first intake in the year 2012

### III Education Indicators (2012-2016)

#### Gross Enrolment Rate (GER) and Net Enrolment Rate (NER) in Pre-Primary Education



Number of:	2012	2013	2014	2015	2016
Enrolment regardless of age	13095	13034	13376	13301	13611
Enrolment aged 3-5 years old	11446	11860	11858	11937	12134
Population aged 3-5 years old	19184	19295	19586	19854	19983

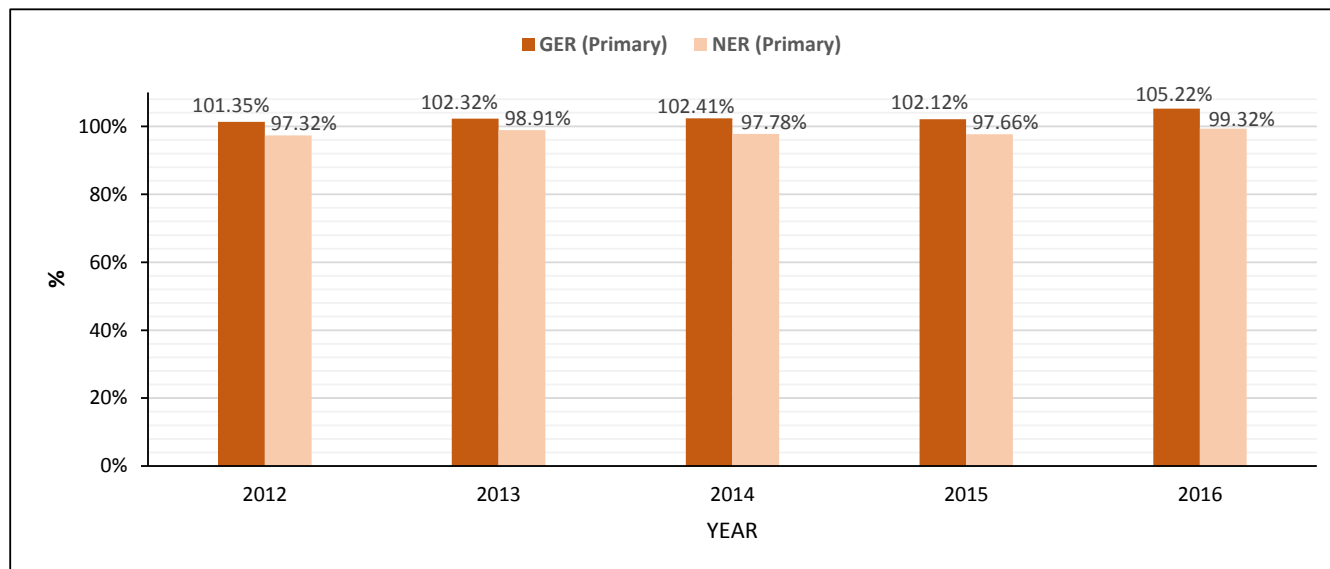
Source:

Enrolment - Brunei Darussalam Education Statistics 2012-2016, DPDR

Population - Immigration and National Registration Department



## Gross Enrolment Rate (GER) and Net Enrolment Rate (NER) in Primary Education



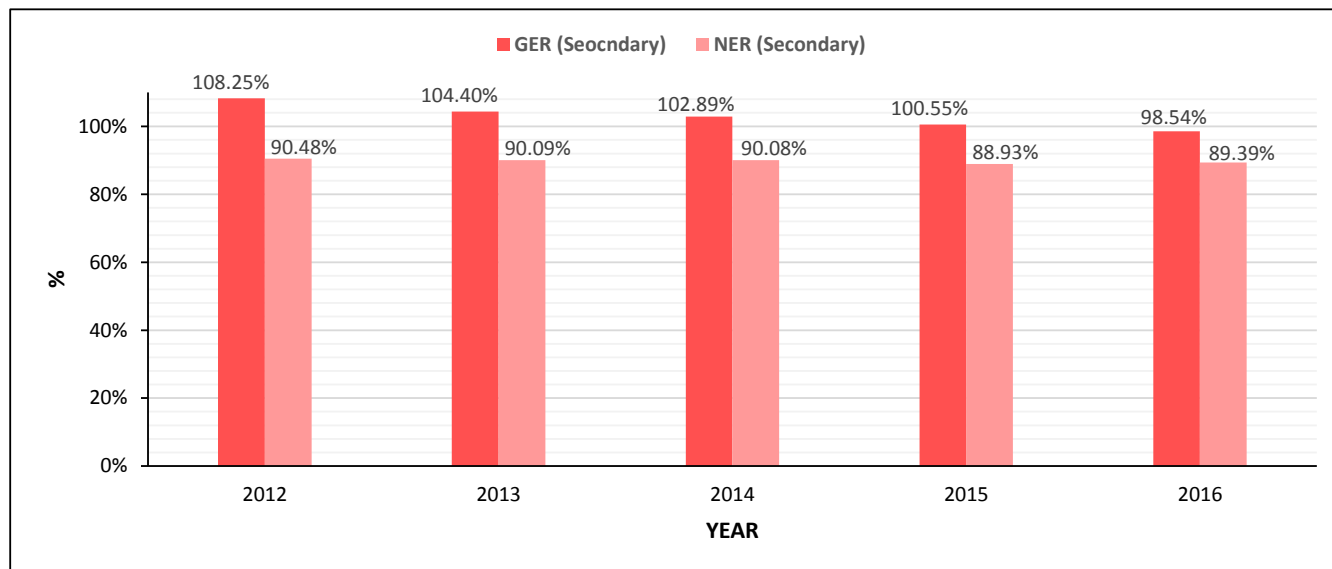
Number of:	2012	2013	2014	2015	2016
Enrolment regardless of age	42753	42090	41078	40397	40471
Enrolment aged 6-11 years old	41052	40688	39222	38632	38201
Population aged 6-11 years old	42183	41135	40111	39557	38463

Source:

Enrolment - Brunei Darussalam Education Statistics 2012-2016, DPDR

Population - Immigration and National Registration Department

### Gross Enrolment Rate (GER) and Net Enrolment Rate (NER) in Secondary Education



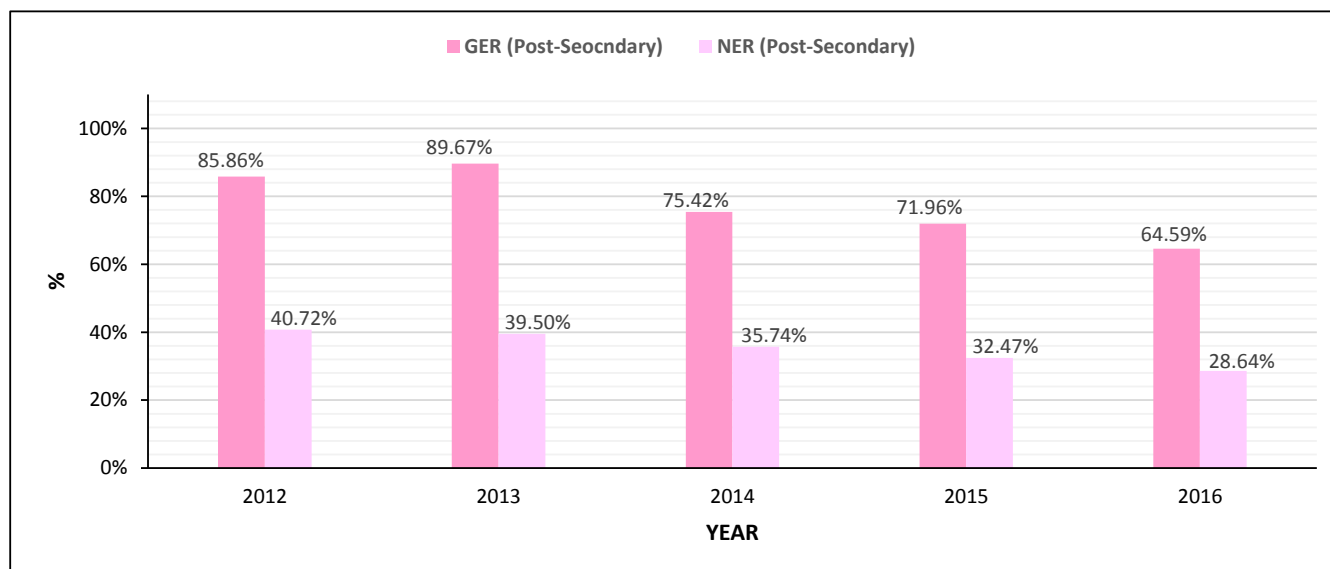
Number of:	2012	2013	2014	2015	2016
Enrolment regardless of age	40025	38329	37769	36677	35922
Enrolment aged 12-16 years old	33454	33077	33068	32441	32586
Population aged 12-16 years old	36974	36714	36708	36478	36453

Source:

Enrolment - Brunei Darussalam Education Statistics 2012-2016, DPDR

Population - Immigration and National Registration Department

## Gross Enrolment Rate (GER) and Net Enrolment Rate (NER) in Post-Secondary Education



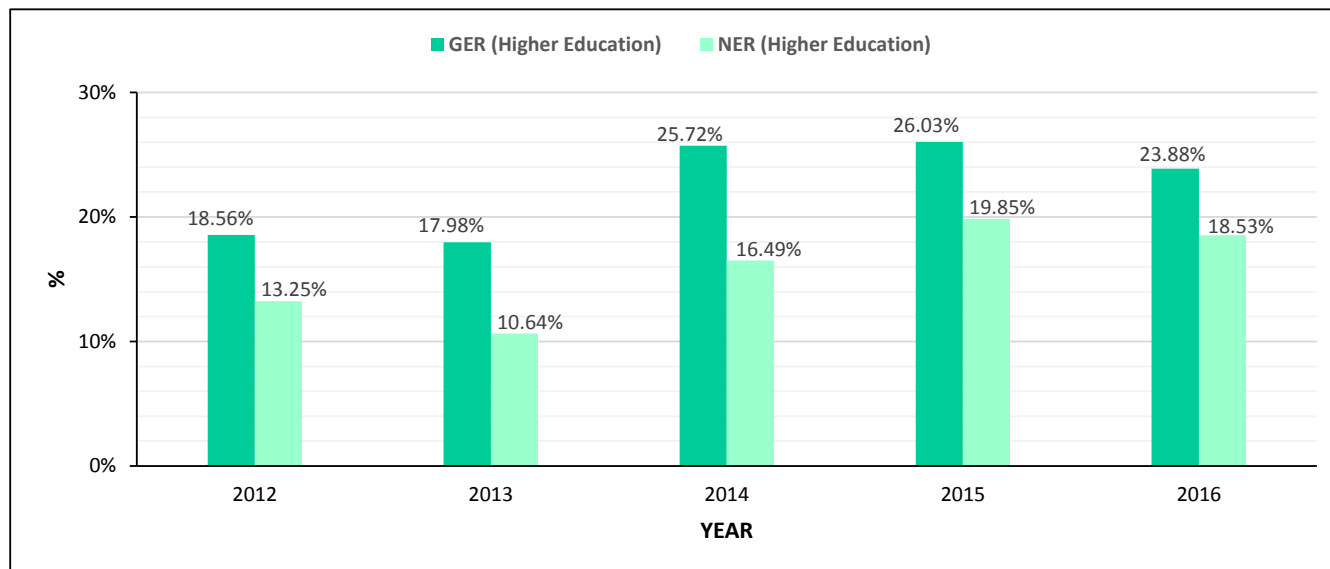
Number of:	2012	2013	2014	2015	2016
Enrolment regardless of age	12371	13241	11240	10572	9667
Enrolment aged 17-18 years old	5868	5832	5326	4770	4287
Population aged 17-18 years old	14409	14766	14903	14691	14967

Source:

Enrolment - Brunei Darussalam Education Statistics 2012-2016, DPDR

Population - Immigration and National Registration Department

### Gross Enrolment Rate (GER) and Net Enrolment Rate (NER) in Higher Education



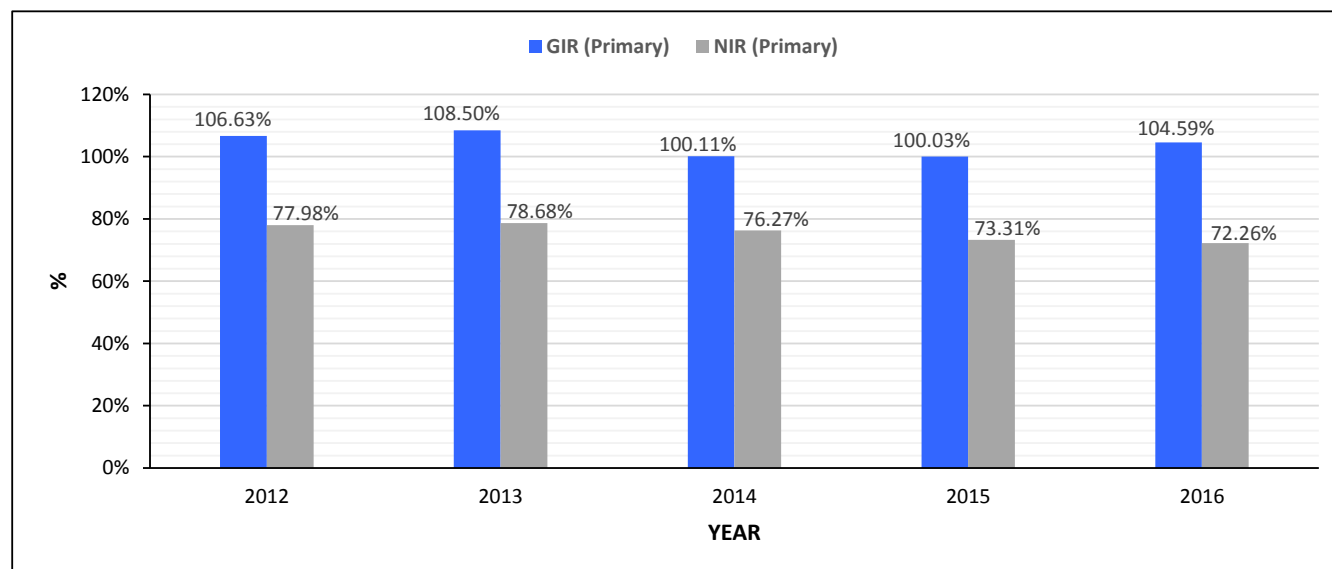
Number of:	2012	2013	2014	2015	2016
Enrolment regardless of age	9042	8797	12705	13040	12027
Enrolment aged 19-25 years old	6454	5207	8147	9947	9333
Population aged 19-25 years old	48719	48936	49394	50101	50367

Source:

Enrolment - Brunei Darussalam Education Statistics 2012-2016, DPDR

Population - Immigration and National Registration Department

## Gross Intake Rate (GIR) and Net Intake Rate (NIR) in Primary Education



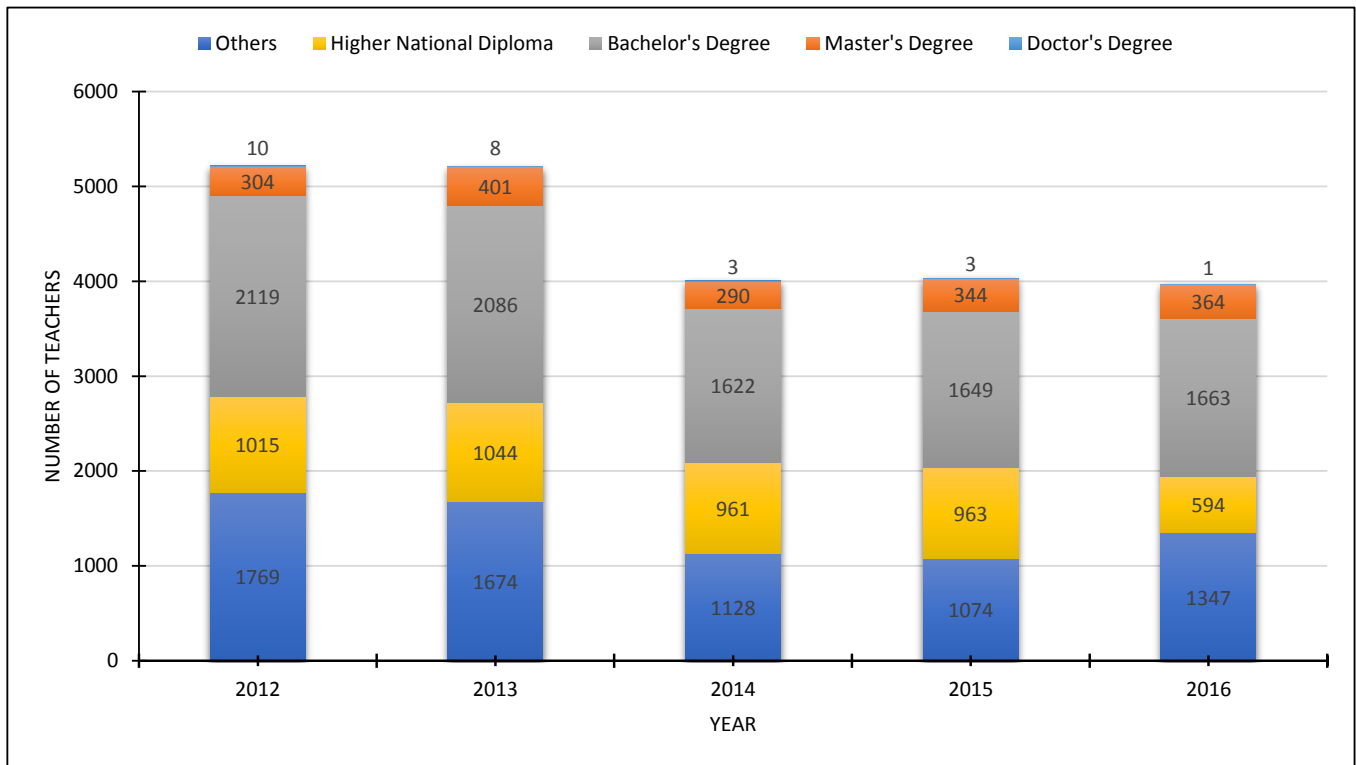
Number of:	2012	2013	2014	2015	2016
New Intake Year 1	6896	6780	6369	6563	6580
New Intake Year 1 aged 6 years old	5043	4917	4852	4810	4546
Population aged 6 years old	6467	6249	6362	6561	6291

Source:

Enrolment - Brunei Darussalam Education Statistics 2012-2016, DPDR

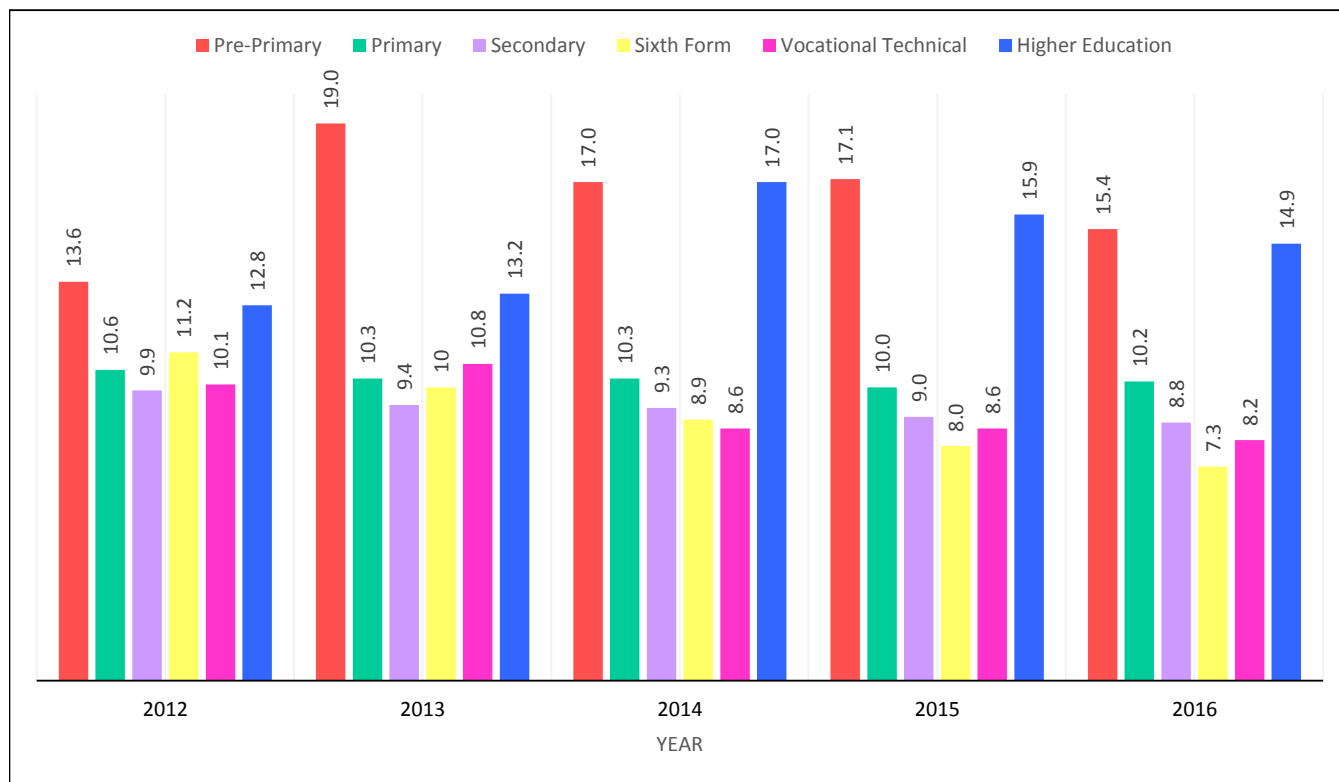
Population - Immigration and National Registration Department

### Distribution of Primary Teachers by Qualification



Source: Brunei Darussalam Education Statistics 2012-2016, DPDR

### Pupil-Teacher Ratio (PTR) by Level of Education



Education level	2012	2013	2014	2015	2016
Pre-Primary	13.6	19.0	17.0	17.1	15.4
Primary	10.6	10.3	10.3	10.0	10.2
Secondary	9.9	9.4	9.3	9.0	8.8
Sixth Form	11.2	10	8.9	8.0	7.3
Vocational Technical	10.1	10.8	8.6	8.6	8.2
Higher Education	12.8	13.2	17.0	15.9	14.9

Source: Brunei Darussalam Education Statistics 2012-2016, DPDR

## IV GLOSSARY

### ***GROSS ENROLMENT RATE (GER)***

Total enrolment in a specific level of education, regardless of age, expressed as a percentage of the eligible official school-age population corresponding to the same level of education in a given school year. Divide the number of pupils enrolled in a given level of education regardless of age by the population of the age group which officially corresponds to the given level of education, and multiply the result by 100. A high GER generally indicates a high degree of participation, whether the pupils belong to the official age group or not. A GER value approaching or exceeding 100% indicates that a country is, in principle, able to accommodate all of its school-age population, but it does not indicate the proportion already enrolled. The achievement of a GER of 100% is therefore a necessary but not sufficient condition for enrolling all eligible children in school. (Education Indicators 2009, UNESCO)

### ***NET ENROLMENT RATE (NER)***

Enrolment of the official age group for a given level of education expressed as a percentage of the corresponding population. Divide the number of pupils enrolled who are the official age group for a given level of education by the population for the same age group and multiply the result by 100. A high NER denotes a high degree of coverage for the official school-age population. If the NER is below 100%, it shows the proportion of children not enrolled at the specified level of education. (Education Indicators 2009, UNESCO)

### ***GROSS INTAKE RATE (GIR)***

Total number of new entrants in the first grade of primary education, regardless of age, expressed as a percentage of the population at the official school-entrance age. Divide the number of new entrants in grade 1, irrespective of age, by the population of school-entrance age and multiply the result by 100. A high GIR indicates a high degree of access to primary education. As this calculation includes all new entrants to first grade (regardless of age), the ratio can exceed 100%, due to over-aged and under-aged children entering primary school for the first time. (Education Indicators 2009, UNESCO)

### ***NET INTAKE RATE (NIR)***

New entrants in the first grade of primary education who are of the official primary school-entrance age, expressed as a percentage of the population of the same age. Divide the number of children of official primary school-entrance age who enter the first grade of primary education for the first time by the population of the same age, and multiply the result by 100. A high NIR indicates a high degree of access to primary education for the official primary school entrance age children. NIR 100% is a necessary condition for the policy goal of universal primary education. (Education Indicators 2009, UNESCO)



**REPITITION RATE (RP)**

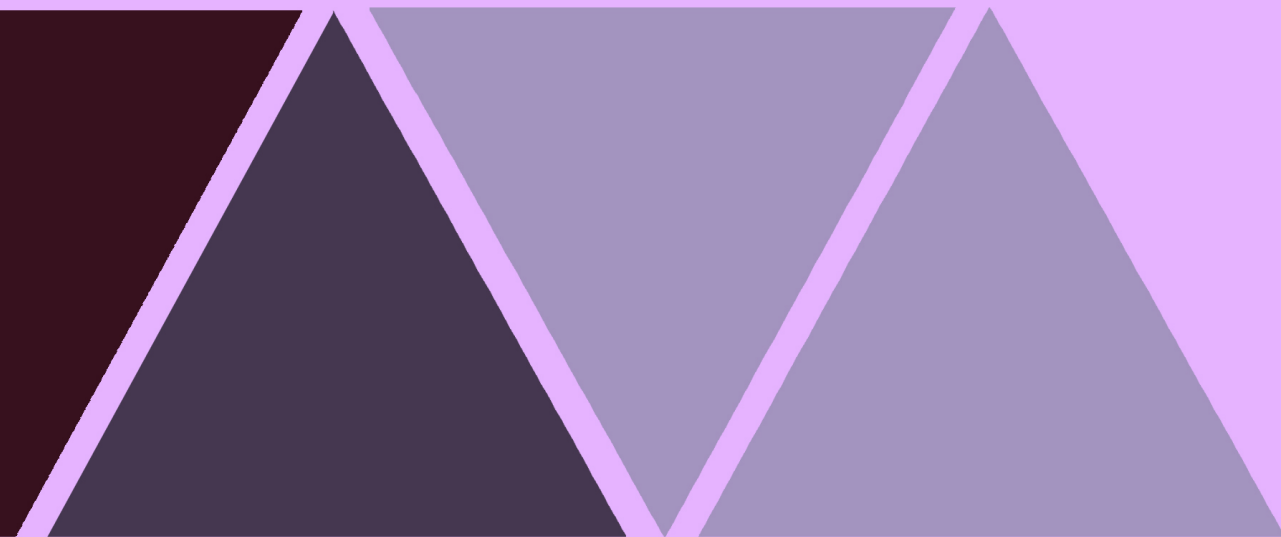
Proportion of pupils enrolled in a given grade at a given school year who study in the same grade in the following school year. Divide the number of repeaters in a given grade in school year  $t+1$  by the number of pupils from the same cohort enrolled in the same grade in the previous school year  $t$ . Repetition Rate ideally should approach zero percent. High repetition rate reveals problems in the internal efficiency of the educational system. When compared across grades, the patterns can indicate specific grades for which there is higher repetition, hence requiring more in depth study of causes and possible remedies. (Education Indicators 2009, UNESCO)

**PUPIL-TEACHER RATIO (PTR)**

Average number of pupils (students) per teacher at a specific level of education in a given school year. Divide the total number of pupils enrolled at the specified level of education by the number of teachers at the same level. A high teacher pupil-ratio suggests that each teacher has to be responsible for a large number of pupils. In other words, the higher the pupil/teacher ratio, the lower the relative access of pupils to teachers. It is generally assumed that a low pupil-teacher ratio signifies smaller classes, which enables the teacher to pay more attention to individual students, which may in the long run result in a better performance of the pupils. (Education Indicators 2009, UNESCO)







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