

Chapter – Two

Primary Education

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Primary Education

Table 2.1: Key Indicators (Summary) of APSC 2010, 2016, 2017, 2018, 2019, 2020 and 2021

Indicators		Year						
		2010	2016	2017	2018	2019	2020	2021
1.No. of schools covered by APSC:		78685	126615	133901	134147	129258	133002	118891
Government Primary School					65620	65620	65566	65566
2.Total Teachers (Since 2019 had been shows only GPS Teacher)	Male	200743	217798	222138	258751	115593	131569	127809
	Female	194538	330403	351863	426649	239129	235911	231286
	All	395281	548201	574001	685400	354722	367480	359095
3.Total Enrolled students (Grade I-V)	Boys	8473961	9227580	8508038	8539067	8075892	8596280	8583323
	Girls	8563133	9375408	8743312	8799033	8260204	9007559	8381644
	All	17037094	18602988	17251350	17338100	16336096	17603839	16964967
4. Total pre-primary Enrolment	Boys	627520	1569937	1841242	1792559	1893734	1963960	1559175
	Girls	595077	1559598	1826609	1785825	1892507	1983892	1576830
	All	1222597	3129535	3667851	3578384	3786241	3947852	3136005
5.Total Enrolment (All Grade)	Boys	9101481	10797517	10349280	10331626	9969626	10560240	10142498
	Girls	9158210	10935006	10569921	10584858	10152711	10991451	9958474
	All	18259691	21732523	20919201	20916484	20122337	21551691	20100972
6. Gross Intake Rate- GIR (%)	Boys	115.4	110.7	107	109.07	107.62	105.95	107.14
	Girls	118.5	113.7	112.6	115.57	112.80	109.91	107.47
	All	116.9	112.2	109.8	112.32	110.51	107.86	107.30
7. Net Intake Rate- NIR (%)	Boys	98.8	97.62	96.6	95.99	96.29	96.43	96.15
	Girls	99.5	98.27	99.3	97.00	96.80	96.82	96.21
	All	99.1	97.94	97.93	96.48	96.50	96.62	96.18
8. Gross Enrolment Rate- GER (%)	Boys	103.2	109.32	108.1	110.32	106.15	101.10	105.32
	Girls	112.4	115.02	115.4	118.30	113.20	108.90	106.14
	All	107.7	112.12	111.7	114.23	109.49	104.90	105.72
9. Net Enrolment Rate- NER (%)	Boys	92.2	97.1	97.66	97.55	97.65	97.37	97.39
	Girls	97.6	98.82	98.29	98.16	98.01	98.25	97.44
	All	94.8	97.96	97.97	97.85	97.74	97.81	97.42
10. Cycle Dropout Rate (%)	Boys	40.3	22.3	21.7	21.44	19.20	19.00	15.05
	Girls	39.3	16.1	15.9	15.69	15.70	15.50	13.25
	All	39.8	19.2	18.8	18.60	17.90	17.20	14.15
11. Survival Rate (%)	Boys	65.9	78.6	81.3	80.93	84.10	83.30	85.25
	Girls	68.6	85.4	85.4	87.73	86.10	85.90	87.10
	All	67.2	82.1	83.3	83.53	85.20	84.70	86.20
12.Coefficient of Efficiency	Boys	62.8	78.7	80.2	80.81	81.90	81.10	84.20
	Girls	61.8	83	83.4	83.62	83.20	84.80	86.50
	All	62.2	80.9	81.9	82.21	82.60	83.20	85.35
13. Cycle Completion Rate (Grade I-V) (%)	Boys	59.7	77.7	78.28	78.56	80.80	81.00	84.95
	Girls	60.7	83.9	84.08	84.31	83.20	84.50	86.75
	All	60.2	80.8	81.2	81.4	82.10	82.80	85.85
14. Repetition Rate (%)	Boys	12.8	6.4	6.2	5.8	5.10	5.00	0.95
	Girls	12.4	5.8	5.1	5.0	4.90	4.90	0.75
	All	12.6	6.1	5.60	5.4	5.10	5.00	0.85
15. PECE Pass Rate	All	92.3	98.51	95.18	97.59	95.50	Exam not held	
16. Year Inputs Per Graduate	Boys	8	6.3	6.23	6.19	6.10	6.05	5.85
	Girls	8.1	6	5.99	5.98	5.95	5.90	5.55
	All	8	6.18	6.10	6.08	6.05	6.00	5.70

*1 The PECE Exam is not held in 2020 due to Covid-19 Pandemic Situation.

Source-DPE (APSC 2021)

Table 2.2: Pre- Primary Education Enrollment Students by School Type and Gender 2021

Sl. No.	Primary institution Types	No. of Students			% of Girls
		Boys	Girls	Total	
1	Government Primary School	767726	802881	1570607	51.1
2	Private Primary School	49061	48984	98045	50.0
3	Ebtadayee Madrasah	26115	24529	50644	48.4
4	Kindergerten (KG)	500084	476055	976139	48.8
5	NGO School (Grade 1-5)	65352	67661	133013	50.9
6	High Madrasah Attached Primary Sections	14759	14649	29408	49.8
7	High School Attached Primary Section	36797	38044	74841	50.8
8	Shisu kalyan School	2492	2483	4975	49.9
9	Other NGO Centers	17278	17633	34911	50.5
10	Others	79511	83911	163422	51.3
Total		1559175	1576830	3136005	50.3

Source-DPE (APSC 2021)

Table 2.3: Teacher and Student Information by Type of School (Pre-primary to Grade V) 2021

Primary Institutions Type	No. of Institution	No. of Teacher				No. of Student			
		Male	Female	Total	Female (%)	Boys	Girls	Total	Girls (%)
Government Primary School (To verify 55 GPS)	65566	127809	231286	359095	64.41	6821619	6662998	13484617	49.4
Private Primary School	4799	6772	13163	19935	66.03	253629	262205	515877	50.8
Ebtadayee Madrasah	3839	13111	5498	18609	29.54	223557	218550	442057	49.4
Kindergerten	28193	79341	121126	200467	60.42	1689427	1634750	3324177	49.2
NGO School (Grade 1-5)	3753	1957	7329	9286	78.93	250018	252421	502439	50.2
High Madrasah Attached Primary Section	3534	13142	2972	16114	18.44	263444	258900	522344	49.6
High School Attached Primary Section	1988	7523	9331	16854	55.36	323928	344275	668203	51.5
Other NGO Centers	205	414	766	1180	64.92	18238	18310	36548	50.1
Sishukollyan School	1614	269	2071	2340	88.50	655913	66674	132587	50.3
Others	5400	3674	9649	13323	72.42	232725	239398	472123	50.7
Total	118891	254012	403191	657203	61.35	10142498	9958474	20100972	49.5

Source-DPE (APSC 2021)

Table 2.4: Number of Institutes Providing Teaching in Pre-primary Education 2021

Division	GPS	Others	Total
Barishal	6192	1435	7627
Chattogram	11442	7437	18879
Dhaka	10848	11278	22126
Khulna	8119	3468	11587
Mymensingh	5347	3075	8422

Division	GPS	Others	Total
Rajshahi	8612	4648	13260
Rangpur	9509	5003	14512
Sylhet	5030	2710	7740
Total	65099	39054	104153

Table 2.5: Enrolment in PPE by Division 2021

Division	Boys	Girls	Total
Barishal	84055	89339	173394
Chattogram	87949	303625	591574
Dhaka	388809	391656	780465
Khulna	157541	152772	310313
Mymensingh	125895	129569	255464
Rajshahi	197188	193383	390571
Rangpur	222950	218018	440968
Sylhet	94788	98468	193256
Total	1559175	1576830	3136005

Source-DPE (APSC 2021)

Table 2.6: Enrolment in Grade 1 By Division and Gender (All Type of Schools) 2021

Division	Grade 1 Enrolment (Regardless of Age)			Grade 1 Enrolment (only 6 Age)		
	Boys	Girls	Total	Boys	Girls	Total
Barishal	90994	88095	179089	81784	79170	160954
Chattogram	368839	353819	722658	329657	313847	643504
Dhaka	400133	409812	809945	359081	368398	727479
Khulna	124927	119269	244196	112583	107177	219760
Mymensingh	163474	155797	319271	146274	138963	285237
Rajshahi	190737	189797	380534	172288	170653	342941
Rangpur	183249	168822	352071	164777	151529	316306
Sylhet	122496	119991	242487	109773	107500	217273
Total	1644849	1605402	3250251	1476217	1437237	2913454

Source-DPE (APSC 2021)

Table 2.7: Grade wise Enrolment (Grade 1-5) 2021

Grade	Number of Student		
	Boys	Girls	Total
Grade 1	1644849	1605402	3250251
Grade 2	1824116	1774203	3598319
Grade 3	1708300	1648752	3357052
Grade 4	1605670	1549248	3154918
Grade 5	1800388	1804039	3604427
Total	8583323	8381644	16964967

Source-DPE (APSC 2021)

Table 2.8: Gross and Net Intake Rate by Gender and Year (GIR & NIR) 2010-2020

Year	Gross Intake Rate (%)			Net Intake Rate (%)		
	Boys	Girls	All	Boys	Girls	All
2010	115.4	118.5	116.9	98.8	99.5	99.1
2011	125.6	126.2	125.9	99.9	99.8	99.9
2012	105	106.7	105.8	97.0	97.9	97.4
2013	111.5	112.6	112.0	97.5	98.2	97.8
2014	109.1	108.3	108.7	97.6	98.1	97.9
2015	109.5	109.0	109.2	97.63	98.07	97.91
2016	110.72	113.7	112.2	97.62	98.27	97.94
2017	107.00	112.60	109.80	96.59	99.33	97.93
2018	109.07	115.57	112.32	95.99	97.00	96.48
2019	107.65	112.8	110.17	96.30	96.83	96.56
2020	105.95	109.91	107.86	96.43	96.82	96.62

Source-DPE (APSC 2020)

Table 2.9: Trend of GER and NER 2010-2021

Year	GER (%)			NER (%)		
	Boys	Girls	Total	Boys	Girls	Total
2010	103.20	112.40	107.70	92.20	97.60	94.80
2011	97.50	105.60	101.50	92.70	97.30	94.90
2012	101.30	107.60	104.40	95.40	98.10	96.70
2013	106.80	110.50	108.60	96.20	98.40	97.30
2014	104.60	112.30	108.40	96.60	98.80	97.70
2015	105.00	113.40	109.20	97.09	98.79	97.94
2016	109.30	115.00	112.10	97.01	98.80	97.96
2017	108.10	115.40	111.70	97.66	98.29	97.97
2018	110.32	118.30	114.23	97.55	98.16	97.85
2019	104.49	114.93	109.60	97.65	98.01	97.74
2020	100.87	108.95	104.85	97.37	98.25	97.81
2021	105.32	106.14	105.72	97.39	97.44	97.42

Source-DPE (APSC 2021)

Table 2.10: Enrolment of Special Needs Children in Pre-Primary Class 2021

Types	Pre-Primary Education		
	Baby Boys	Baby Girls	Total
Physical Handicap	4355	3034	7389
Poor Eyesight	1221	1037	2258
Short of Hearing	726	688	1414
Problem in Speech	2576	2027	4603
Intellectual/Mental	3360	2574	5934
Autistics	1182	813	1995
Others	837	745	1582
Total	14257	10918	25175

Source-DPE (APSC 2021)

Table 2.11: Enrolment of Special Needs Children in all Type of Schools by Grade 2021

Types	Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grand Total		
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	All
Physical Handicap	3952	3734	3596	3375	3342	3322	3000	3203	3848	2881	16950	16652	33602
Poor Eyesight	1203	1072	1189	1006	1189	1172	1079	904	812	791	5539	4829	10368
Short of Hearing	810	931	1009	1066	656	568	600	628	493	568	3560	3745	7305
Problem in Speech	1964	1573	1789	1520	1699	1479	1470	1305	932	974	7829	6809	14638
Intellectual/Mental	3310	3052	2899	2428	2692	2258	2123	1872	1203	1285	12257	10983	23240
Autistics	856	768	718	536	587	495	446	307	234	251	2857	2352	5209
Others	717	652	560	548	490	674	411	311	290	293	2440	2421	4861
Total	12803	11782	11760	10479	10655	9968	9129	8530	7812	7043	52159	47802	99961

Source-DPE (APSC 2021)

Table 2.12: Repetition Rate by Grade 2021

Grade	Repetition Rate % (2021)
Grade 1	0.67 %
Grade 2	0.82 %
Grade 3	0.83 %
Grade 4	1.12 %
Grade 5	0.81 %
All Grade	0.85 %

Source-DPE (APSC 2021)

Table 2.13: Number of Single Shift Schools by Division and Type of Schools 2021

Division	GPS	Other Types School	All type
Barishal	979	1764	2743
Chattogram	1492	6585	8077
Dhaka	1462	7989	9451
Khulna	1356	4127	5483
Mymensingh	457	3378	3835
Rajshahi	2179	6201	8380
Rangpur	1445	5216	6661
Sylhet	362	4722	5084
Total	9732	39982	49714

Source-DPE (APSC 2021)

Table 2.14: Year Wise Repetition Rate 2010-2021

Gender	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Boys (%)	12.8	11.6	7.7	7.3	6.9	6.4	6.4	6.2	5.8	5.10	5.1	0.45
Girls (%)	12.4	10.6	6.9	6.5	6	6	5.8	5.1	5	4.90	5.8	0.41
All (%)	12.6	11.1	7.3	6.9	6.4	6.2	6.1	5.6	5.4	5.10	5.1	0.85

Source-DPE (APSC 2021)

Table 2.15: Cycle Dropout Rate by Grade 2019-2021

Year	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	All
2019	1.4 %	2.7 %	3.2 %	7.4 %	3.5 %	17.9 %
2020	1.0 %	1.5 %	4.9 %	7.6 %	2.2 %	17.2 %
2021	2.59 %	2.70 %	2.89 %	3.92 %	2.59 %	14.15 %

Source-DPE (APSC 2021)

Table 2.16: Trend of Cycle Dropout Rate 2010-2021

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Cycle Dropout Rate (%)	39.8	29.7	26.2	21.4	20.9	20.4	19.2	18.8	18.6	17.9	17.2	14.15

Source-DPE (APSC 2021)

Table 2.17: Year and Gender Wise Survival Rate 2010-2021

Year	Boys	Girls	All
2010	65.9	68.6	67.3
2011	77	82.1	79.6
2012	73.5	77	75.3
2013	77.7	83.3	80.5
2014	77.6	84.4	81
2015	77.9	84.7	81.3
2016	78.6	85.4	82.1
2017	81.3	85.4	83.3
2018	80.93	87.73	83.52
2019	84.1	86.1	85.2
2020	83.3	85.9	84.7
2021	85.25	87.11	86.20

Source-DPE (APSC 2021)

Table 2.18: Coefficient of Efficiency by Year and Gender 2010-2021

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Boys	62.8	67.7	75.6	77.3	77.3	77.8	78.7	80.2	80.81	81.90	81.1	84.20
Girls	61.8	70.5	79.2	82.0	82.7	82.3	83	83.4	83.62	83.20	84.8	86.5
All	62.3	69.1	77.4	79.7	80.0	80.1	80.9	81.8	82.21	82.60	83.2	85.35

Source-DPE (APSC 2021)

Table 2.19: Trend of Years Input per Graduate by Year and Gender 2010-2021

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Boys	8	7.4	6.6	6.5	6.5	6.4	6.3	6.23	6.19	6.10	6.05	5.90
Girls	8.1	7.1	6.3	6.1	6.0	6.1	6.0	5.99	5.98	5.95	5.90	5.55
All	8.1	7.3	6.5	6.3	6.2	6.2	6.18	6.10	6.08	6.05	6.00	5.70

Source-DPE (APSC 2021)

Table 2.20: Results of Primary Education Completion Examination [PECE] 2009-2021

Year	No of Inst.	Descriptive Roll (DR)			Appeared in the Exam			Passed in the Exam		
		Boy	Girl	Total	Boy	Girl	Total	Boy	Girl	Total
2009	81389	907570	1072325	1979895	830880	992585	1823465	751466	868588	1620054
2010	97344	1161875	1326454	2488329	1016394	1188803	2205197	934699	1079267	2013966
2011	99351	1216846	1420835	2637681	1126357	1331561	2457918	1091719	1282584	2374303
2012	103930	1363815	1607857	2971672	1255652	1501840	2757492	1219163	1451672	2670835
2013	98960	1376253	1584984	2961237	1289266	1503748	2793014	1268221	1477396	2745614
2014	101322	1438596	1656725	3095321	1360856	1588899	2949755	1329589	1553767	2883356
2015	99221	1355296	1595468	2950764	1297265	1541973	2839238	1277146	1520128	2797274
		45.93%	54.07%		45.69%	54.31%	96.22%	45.66%	54.34%	
2016	101150	1344855	1589232	2934087	1290295	1540439	2830734	1270222	1518210	2788432
		45.84%	54.16%		45.58%	54.42%	96.48%	45.55%	54.45%	
2017	98651	1298778	1507318	2806096	1239181	1457035	2696216	1176330	1389941	2566271
		46.28%	53.72%		45.96%	54.04%	96.08%	45.84%	54.16%	
2018	103948	1277896	1498986	2776882	1211600	1441296	2652896	1181019	1407885	2588904
		46.02%	53.98%		45.67%	54.33%	95.54%	45.62%	54.38%	
2019	98811	1178146	1376918	2555064	1124225	1329926	2454151	1072154	1271589	2343743
		46.11%	53.89%		95.42%	96.59%	96.05%	95.4%	95.6%	
2020	107639	1393077	1547288	2940365	1393077	1547288	2940365	1393077	1547288	2940365
		47.38 %	52.62 %	100 %	47.38 %	52.62 %	100 %	47.38 %	52.62 %	100 %
2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Note: in 2020 and 2021 PECE and EECE not conducted due to COVID-19 pandemic, based on DR, all the enlisted students promoted in next level of education (grade 6 in Bangladesh), no repeaters and failed students.

Table 2.21: Number of Teachers in all GPS by Division and Gender 2021

Division	All Government School (GPS+NNPS+Exp+1500 SCHOOL)			
	Male	Female	Total	% Female
Barishal	11640	19958	31598	63.16
Chattogram	23347	44469	67816	65.57
Dhaka	19341	43949	63290	69.44
Khulna	17230	27165	44395	61.19
Mymensingh	9634	18987	28621	66.34
Rajshahi	18949	29257	48206	60.69
Rangpur	19628	29259	48887	59.85
Sylhet	8040	18242	26282	69.41
Total	127809	231286	359095	64.41

Source-DPE (APSC 2021)

Table 2.22: Student- Teacher Ratio (STR) by Year and Type of Schools 2010-2021

Year	GPS
2010	46
2011	53
2012	50
2013	49
2014	46

Year	GPS
2015	42
2016	38
2017	37
2018	37
2019	35
2020	34
2021	38

Source-DPE (APSC 2021)

Table 2.23: C-in-Ed Trained Teachers by Gender and Division in GPS 2021

Division	GPS			
	Male	Female	Total	% of Female
Barishal	8467	13695	22162	61.79
Chattogram	15537	28044	43581	64.35
Dhaka	12341	27813	40154	69.27
Khulna	12860	19428	32288	60.17
Mymensingh	6337	10435	16772	62.22
Rajshahi	13543	19710	33253	59.27
Rangpur	14257	19430	33687	57.68
Sylhet	5075	10653	15728	67.73
Total	88417	149208	237625	62.79

Source-DPE (APSC 2021)

Table 2.24: Year Wise comparison of some key Indicators 2010-2021

SL	KPI	2010	2016	2017	2018	2019	2020	2021
1	Gross Enrolment Rate [EFA 5] (%)	107.7	112.12	111.7%	114.23%	109.60%	104.90%	105.72
2	Net Enrolment Rate (%)	94.8	97.96	97.97%	97.85%	97.74%	97.81%	97.42
3	Completion rate (%)	60.2	80.8	81.2%	81.4.%	82.1%	82.8%	85.85
4	Stipend recipients (millions)		n/a	11.1	11.1	16.30	na	na
5	Transition rate from Grade 5 to Grade 6 (%)	n/a	95.4	95.9	96.1	96.4	na	na
6	Current public expenditure on education as % of GNP	2.3	1.9	2.01	2.03	2.02	na	na
7	Public expenditure on primary education as % of total public expenditure on education	45	43.4	48	47.43	47.90	na	na
8	Student- absenteeism (%)	16.6	12.5	12.0%	11.43%	11.34%	11.40%	11.05
9	Student- Teacher ratio [EFA 11]	47	34	38	37	35	34	35
10	Repetition rate [EFA 12] All Grade	12.6	6.1	5.6	5.4	5.10	5.10	0.85
	Grade 1	11.4	7.9	6.8	6.7	6.0	4.7	0.67
	Grade 2	12.1	5.3	5.3	5.2	5.0	5.1	0.82
	Grade 3	14.1	6.3	5.6	5.8	4.8	6.5	0.83
	Grade 4	16.5	7.7	7.1	6.5	6.2	6.5	1.12
	Grade 5	7.1	2.4	2.5	2.3	2.3	1.6	0.81
11	Coefficient of efficiency	62.3	80.9	81.8	82.21	82.60	83.2	85.35

SL	KPI	2010	2016	2017	2018	2019	2020	2021
	Ideal as % of actual	62.2	80.9	85%	82.21%	82.60	na	na
	Years input	8.0	6.1	6.1	6.08	6.05	6.00	5.70
12	Dropout rate	39.8	19.2	18.85	18.6	17.90	17.20	14.15
	Grade 1	8.5	0.7	1.5	1.9	1.4	1.0	2.59
	Grade 2	3.0	2.9	3.0	2.7	2.7	1.5	2.70
	Grade 3	7.7	4.2	3.9	3.5	3.2	4.9	2.89
	Grade 4	12.2	9.8	8.0	8.4	7.4	7.6	3.92
	Grade 5	9.5	1.5	2.5	2.5	3.5	2.2	2.59
13	Students at Grade 4 and above master national learning competencies (EFA 15)							
	Mean scores Grade 3 Bangla (NSA)	na	na	na	na	na	na	na
	Mean scores Grade 3 Math (NSA)	na	na	na	na	na	na	na
	Mean scores Grade 5 Bangla	na	na	na	na	na	na	na
	Mean scores Grade 5 Math	na	na	na	na	na	na	na
14	Enrolled disadvantaged children	83023	81891	75021	96385	98311	99223	99961

Source-DPE (APSC 2021)