

Capture: Twelve

Climate Change and Disaster Impacts on Education Institution

Chapter-Twelve

Climate Change and Disaster Impacts on Education Institution

Table: 12.1. Number of institution by type of disaster 2020

Sl. No.	Type of Disaster	Number of Institution									Total		
		Primary School (attached 6-8 grades) (Govt)	Junior Secondary School (Non-Govt)	Secondary School		School and college		College		Govt	Non Govt.		
				Govt	Non Govt.	Govt	Non Govt.	Govt	Non Govt				
1	Surge	20	88	17	556	2	29	18	72	0	379	57	1,124
2	Cyclone	19	149	29	936	1	53	27	155	0	657	76	1,950
3	Floods	127	369	91	3,049	7	194	86	451	0	1,514	311	5,577
4	Water logging	21	59	14	561	2	39	23	98	0	243	60	1,000
5	Salinity	1	4	5	59	0	8	3	9	0	35	9	115
6	River Erosion	15	59	21	467	1	36	14	82	0	258	51	902
7	Drought	7	31	10	290	2	30	7	48	0	177	26	576
8	Earthquake	6	3	5	55	0	9	3	8	0	15	14	90
9	landslide from Hill	12	33	16	82	0	8	9	6	0	20	37	149
10	Tide	1	13	6	124	0	3	7	10	0	47	14	197
11	Others	81	196	66	1,522	3	173	92	325	0	878	242	3,094
Total:		310	1,004	280	7,701	18	582	289	1,264	0	4,223	897	14,774

Table:12.2 Damages/Loss that the institution did not able to recover after last disaster 2020

Sl.no	Type of damaged/loss	Primary		Junior/Secondary School/School and College		Madrasah		College		Total	
		No. of Inst.	%	No. of Inst.	%	No. of Inst.	%	No. of Inst.	%	No. of Inst.	%
1	Building Damaged	56	15.95	3,110	17.69	1,831	20.46	431	17.92	5,428	18.53
2	Furniture Damaged	55	15.67	3,162	17.99	1,764	19.71	394	16.38	5,375	18.35
3	Roof Damaged	20	5.70	957	5.44	388	4.34	141	5.86	1,506	5.14
4	Door/Window Broken down	46	13.11	3,038	17.28	1,680	18.77	411	17.09	5,175	17.67
5	Water Supply	27	7.69	1,491	8.48	682	7.62	157	6.53	2,357	8.05
6	Sanitation	50	14.25	2,212	12.58	1,151	12.86	232	9.65	3,645	12.45
7	Connecting Road	50	14.25	2,305	13.11	960	10.73	324	13.47	3,639	12.43
8	Other	47	13.39	1,305	7.42	494	5.52	315	13.10	2,161	7.38
Total		351	100.00	17,580	100.00	8,950	100.00	2,405	100.00	29,286	100.00

Table: 12.3 Reasons for irregular attendance of the student in the institution after Disaster 2020

Sl. No.	Reasons	Primary		Junior/Secondary School/School & College		Madrasah		College		Total	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	Family moved to other location	40	42	1,349	1,552	566	580	177	213	2,132	2,387
2	Damage of learning material	34	33	1,243	1,418	678	690	167	198	2,122	2,339
3	Inability to pay school fees	12	12	1,158	1,304	490	483	132	154	1,792	1,953
4	Helping parents in household work	55	60	2,298	2,558	1,051	1,067	298	377	3,702	4,062
5	Engaged in income generating activities	48	29	1,938	1,442	782	523	301	242	3,069	2,236
6	Lack of eagerness for further studies	37	33	1,668	1,884	739	744	231	273	2,675	2,934
7	Feeling not safe to go to school	27	26	917	1,167	412	461	99	140	1,455	1,794
8	Transportation difficulties	59	56	2,234	2,582	947	1,011	312	391	3,552	4,040
Total		312	291	12,805	13,907	5,665	5,559	1,717	1,988	20,499	21745

Table: 12.4 Reasons for irregular attendance of the teacher in the institution 2020

Sl. no	Reasons	Primary		Junior/Secondary School/School and College		Madrasah		College		Total	
		Male Teacher	Female Teacher	Male Teacher	Female Teacher	Male Teacher	Female Teacher	Male Teacher	Female Teacher	Male Teacher	Female Teacher
1	More time is needed for family	9	7	1,025	798	533	362	151	136	1,718	1,303
2	Affected various diseases by myself	9	8	782	638	389	279	126	129	1,306	1,054
3	Affected various diseases by family members	9	8	782	638	389	279	126	129	1,306	1,054
4	Communication problem in the way to school (High travelling cost)	12	12	569	485	255	188	105	103	941	788
5	Family members wounded/dead etc	6	8	414	638	248	279	68	129	736	1,054
6	Feeling unsafe	10	12	367	347	200	166	68	67	645	592
7	For less attendance of the student	5	6	267	238	129	106	62	60	463	410
8	Others	9	9	522	489	300	243	86	97	917	838
Total		69	70	4,728	4,271	2,443	1,902	792	850	8,032	7,093

Table: 12.5 Loss and Damage assessment of education materials after last disaster 2020

Materials		Type of Institution														
		Primary			Junior/Secondary School/School and College			Madrasah			College			Total		
		No Damaged	Partially Damaged	Fully Damaged	No Damaged	Partially Damaged	Fully Damaged	No Damaged	Partially Damaged	Fully Damaged	No Damaged	Partially Damaged	Fully Damaged	No Damaged	Partially Damaged	Fully Damaged
Books (Text book/Ref.book)	Total	18	42	0	858	2,383	262	286	1,010	164	137	301	39	1,299	3,736	465
	%	1.39	1.12	0.00	66.05	63.78	56.34	22.02	27.03	35.27	10.55	8.06	8.39	100.00	100.00	100.00
Teaching Materials	Total	12	50	5	711	2,304	433	858	858	185	124	268	48	1,705	3,480	671
	%	0.70	1.44	0.75	41.70	66.21	64.53	50.32	24.66	27.57	7.27	7.70	7.15	100.00	100.00	100.00
Furniture (Table/Chair)	Total	10	54	5	591	2,970	462	194	1,338	291	101	405	57	896	4,767	815
	%	1.12	1.13	0.61	65.96	62.30	56.69	21.65	28.07	35.71	11.27	8.50	6.99	100.00	100.00	100.00
Recreation Materials	Total	15	23	5	687	2,970	284	211	511	107	116	182	41	1,029	3,686	437
	%	1.46	0.62	1.14	66.76	80.58	64.99	20.51	13.86	24.49	11.27	4.94	9.38	100.00	100.00	100.00
Playing Materials	Total	12	37	5	684	2,075	427	214	812	179	114	309	50	1,024	3,233	661
	%	1.17	1.14	0.76	66.80	64.18	64.60	20.90	25.12	27.08	11.13	9.56	7.56	100.00	100.00	100.00

Table: 12.6 Subjects that are subject to competency loss due to disaster impacts 2020

Affected Subjects		Type of Institution														
		Primary			Junior/Secondary School/School and College			Madrasah			College			Total		
		Can make up at home	Become difficult if absent in the school	Permanent lose when fall behind	Can makeup at home	Become difficult if absent in the school	Permanent lose when fall behind	Can make up at home	Become difficult if absent in the school	Permanent lose when fall behind	Can make up at home	Become difficult if absent in the school	Permanent lose when fall behind	Can makeup at home	Become difficult if absent in the school	Permanent lose when fall behind
Bangla	Total	63	50	17	3,179	2,344	496	1,248	826	191	396	245	68	4,886	3,465	772
	%	1.29	1.44	2.20	65.06	67.65	64.25	25.54	23.84	24.74	8.10	7.07	8.81	100.00	100.00	100.00
English	Total	63	50	19	3,177	2,343	506	1,211	800	190	257	170	43	4,708	3,363	758
	%	1.34	1.49	2.51	67.48	69.67	66.75	25.72	23.79	25.07	5.46	5.06	5.67	100.00	100.00	100.00
Math/ Accounting	Total	42	39	14	2,488	1,810	374	659	474	109	200	140	34	3,389	2,463	531
	%	1.24	1.58	2.64	73.41	73.49	70.43	19.45	19.24	20.53	5.90	5.68	6.40	100.00	100.00	100.00
Science	Total	16	12	4	644	348	97	232	125	33	48	28	5	940	513	139
	%	1.70	2.34	2.88	68.51	67.84	69.78	24.68	24.37	23.74	5.11	5.46	3.60	100.00	100.00	100.00
Social Science	Total	14	10	3	478	232	66	190	109	35	37	19	7	719	370	111
	%	1.95	2.70	2.70	66.48	62.70	59.46	26.43	29.46	31.53	5.15	5.14	6.31	100.00	100.00	100.00
Religious study	Total	6	9	3	596	327	88	343	212	61	113	61	16	1,058	609	168
	%	0.57	1.48	1.79	56.33	53.69	52.38	32.42	34.81	36.31	10.68	10.02	9.52	100.00	100.00	100.00

Table: 12.7 Measures taken by the institution for recovering affected subjects 2020

Sl.no	Taken measures for affected subjects	Primary		Junior/Secondary School/School and College		Madrasah		College		Total	
		No. of Inst.	%	No. of Inst.	%	No. of Inst.	%	No. of Inst.	%	No. of Inst.	%
1	Did not do anything	20	14.81	508	9.13	363	14.05	90	10.80	1,651	10.18
2	Arranged extra class as needed	67	49.63	3,406	61.24	1,390	53.81	498	59.78	9,698	59.78
3	Insufficient extra class arranged	16	11.85	717	12.89	316	12.23	78	9.36	1,987	12.25
4	Arranged free coaching class	17	12.59	517	9.30	289	11.19	77	9.24	1,565	9.65
5	Arranged paying coaching class	0	0.00	21	0.38	10	0.39	2	0.24	58	0.36
6	Others	15	11.11	393	7.07	215	8.32	88	10.56	1,263	7.79
Total		135	100.00	5,562	100.00	2,583	100.00	833	100.00	16,222	100.00

Table: 12.8 Teachers training on disaster management aspects that student can hurry comeback to the normal environment of education from unusual situation after disaster 2020

Sl.no	Overall situation	Primary		Junior/Secondary School/School and College		Madrasah		College		Total	
		No. of Inst.	%	No. of Inst.	%	No. of Inst.	%	No. of Inst.	%	No. of Inst.	%
1	Arranged training programme by inst.	35	28.00	880	17.73	444	19.31	135	18.99	1,494	18.45
2	Never arranged	17	13.60	948	19.10	315	13.70	155	21.80	1,435	17.72
3	Lack of fund	30	24.00	1,386	27.92	692	30.10	184	25.88	2,292	28.30
4	Participated in training programme if any govt./non govt. Organization take initiative for training.	43	34.40	1,750	35.25	848	36.89	237	33.33	2,878	35.54
Total		125	100.00	4,964	100.00	2,299	100.00	711	100.00	8,099	100.00

Table: 12.9 Discussion on disaster impacts with stakeholders by the institution for decreasing loss of studies of the students 2020

Sl.no	Discussion/Orientation/Meeting	Primary		Junior/Secondary School/School and College		Madrasah		College		Total	
		No. of Inst.	%	No. of Inst.	%	No. of Inst.	%	No. of Inst.	%	No. of Inst.	%
1	Discussed in PTA meeting	51	37.50	2,336	44.15	1,149	47.01	193	27.49	3,729	43.50
2	Discussed in SMC meeting	59	43.38	2,078	39.27	840	34.37	140	19.94	3,117	36.36
3	Never Discussed	4	2.94	133	2.51	64	2.62	35	4.99	236	2.75
4	Will do later	2	1.47	267	5.05	140	5.73	96	13.68	505	5.89
5	Never think about it	2	1.47	56	1.06	22	0.90	18	2.56	98	1.14
6	We need a guideline	18	13.24	421	7.96	229	9.37	220	31.34	888	10.36
Total		136	100.00	5,291	100.00	2,444	100.00	702	100.00	8,573	100.00

Table:12.10 Initiatives taken by the institution for increasing capability of disaster impact recovery 2020

Sl. no	Initiatives by the institution	Primary		Junior/Secondary School/School and College		Madrasah		College		Total	
		No. of Inst.	%	No. of Inst.	%	No. of Inst.	%	No. of Inst.	%	No. of Inst.	%
1	No notable initiatives taken	16	13.11	589	11.78	364	15.66	114	17.25	833	12.92
2	Problem identified and listed	21	17.21	1,018	20.35	488	20.99	151	22.84	1,341	20.80
3	Informed administration with written	5	4.10	529	10.58	269	11.57	68	10.29	670	10.39
4	Put up the problems in various discussion	26	21.31	988	19.75	452	19.44	235	35.55	1,484	23.02
5	Discussed in PTA and SMC meeting	50	40.98	1,666	33.31	638	27.44	52	7.87	1,820	28.23
6	Others	4	3.28	212	4.24	114	4.90	41	6.20	298	4.62
Total		122	100.00	5,002	100.00	2,325	100.00	661	100.00	6,446	100.00

Table:12.11 Evaluation report done and sent by the institution for long-term disaster threats/risk 2020

Sl.no.	Status of Reporting	Primary		Junior/Secondary School/School & College		Madrasah		College		Total	
		No. of Inst.	%	No. of Inst.	%	No. of Inst.	%	No. of Inst.	%	No. of Inst.	%
1	Yes report sent as direction to the structured checklist	3	3.95	243	8.03	92	6.25	33	7.62	371	7.41
2	Evaluation report done but not structured way	5	6.58	396	13.09	212	14.40	53	12.24	666	13.30
3	Institution head informed to the authority over phone	6	7.89	439	14.51	211	14.33	57	13.16	713	14.24
4	Report done for the institution	26	34.21	912	30.14	411	27.92	95	21.94	1,444	28.84
5	Never thought about this	7	9.21	174	5.75	98	6.66	34	7.85	313	6.25
6	No guideline for preparing such report	29	38.16	862	28.49	448	30.43	161	37.18	1,500	29.96
Total		76	100.00	3,026	100.00	1,472	100.00	433	100.00	5,007	100.00