

Table 3-2: Natural Disasters in Member Countries(Country/Type/Dis. Characteristics)

1901-2000

Summary Analysis

		Data						
Name of Country	DisType	Count of DisNo	Sum of Killed	Sum of Injured	Sum of Homeless	Sum of Affected	Sum of TotAff	Sum of Damage US\$ ('000s)
Armenia	Drought	1	0	0	0	297,000	297,000	100,000
	Earthquake	1	25,000	12,000	530,000	1,100,000	1,642,000	20,500,000
	Famine (natural)	1	0			1,300,000	1,300,000	4,399
	Flood	1	4			7,000	7,000	8,000
Armenia Total		4	25,004	12,000	530,000	2,704,000	3,246,000	20,612,399
Bangladesh	Drought	5	18			25,002,000	25,002,000	
	Earthquake	5	29	500	15,000	1,000	16,500	
	Epidemic	25	402,974	0	0	2,707,867	2,707,867	
	Extreme temp	11	970			34,000	34,000	
	Flood	58	50,309	102,020	33,613,724	265,493,273	299,209,017	7,360,100
	Slide	1	200					
	Wave/surge	1	1	10	12,000	0	12,010	
	Wind storm	125	615,192	854,337	4,923,943	53,292,511	59,070,791	3,071,880
Bangladesh Total		231	1,069,693	956,867	38,564,667	346,530,651	386,052,185	10,431,980
China	Drought	40	3,502,000	0	0	99,750,000	99,750,000	902,945
	Earthquake	63	750,575	211,439	1,461,745	6,123,148	7,796,332	8,652,100
	Epidemic	6	1,561,129			253,000	253,000	
	Extreme temp	18	3,039	10	0	49,033,180	49,033,190	3,942,887
	Flood	184	7,186,385	590,848	41,074,827	1,158,592,272	1,189,187,947	89,020,288
	Insect infestation	1						
	Slide	32	3,551	1,481	2,829	9,226	13,536	3,190
	Wave/surge	4	196					
	Wild fire	51	243	224		56,092	56,316	110,000
	Wind storm	212	209,121	83,569	12,802,083	133,141,278	146,026,930	20,472,449
China Total		611	13,216,239	887,571	55,341,484	1,446,958,196	1,492,117,251	123,103,859
Indonesia	Drought	10	9,329	0	0	4,879,220	4,879,220	159,200
	Earthquake	64	22,047	20,474	266,890	1,315,543	1,602,907	538,254
	Epidemic	27	2,801	0	0	594,408	594,408	
	Famine (natural)	3	260			162,000	162,000	
	Flood	75	3,515	249,996	268,645	4,101,292	4,619,933	377,090
	Slide	20	1,786	41	5,645	105,086	110,772	6,400
	Volcano	38	17,940	3,175	59,000	901,010	963,185	344,390

Name of Country	DisType	Count of DisNo	Sum of Killed	Sum of Injured	Sum of Homeless	Sum of Affected	Sum of TotAff	Sum of Damage US\$ ('000s)
	Wave/surge	6	978	120		2,000	2,120	
	Wild fire	6	63	8		3,034,000	3,034,008	17,235,000
	Wind storm	8	1,988	183	800	15,000	15,983	
Indonesia Total		257	60,707	273,997	600,980	15,109,559	15,984,536	18,660,334
India	Drought	19	3,000,410	0	0	1,091,841,000	1,091,841,000	987,000
	Earthquake	27	96,479	25,057	165,000	20,720,800	20,910,857	1,550,400
	Epidemic	53	4,547,579	0	0	183,951	183,951	
	Extreme temp	34	9,006	200	0		200	144,000
	Famine (natural)	1	500					
	Flood	156	50,611	1,083	10,679,000	604,335,305	615,015,388	9,484,209
	Insect infestation	1						
	Slide	35	4,791	573	3,616,285	210,300	3,827,158	4,500
	Wave/surge	1	400					
	Wild fire	2	6					2,000
Wind storm	119	163,439	11,908	8,792,400	80,067,335	88,871,643	13,352,684	
India Total		448	7,873,221	38,821	23,252,685	1,797,358,691	1,820,650,197	25,524,793
Japan	Drought	1						
	Earthquake	52	164,700	39,974	300,312	3,787,700	4,129,146	146,891,000
	Epidemic	3	1			2,000,534	2,000,534	
	Flood	37	11,516	693	618	5,170,525	5,157,536	2,075,300
	Slide	18	841	88	0	130	218	210,000
	Volcano	20	405	20	1,100	98,830	99,950	122,000
	Wave/surge	4	6,382					50,000
	Wind storm	103	33,631	5,581	1,688,015	5,668,691	7,362,287	17,173,800
Japan Total		238	217,476	46,356	1,990,045	16,726,410	18,749,671	166,522,100
Kazakhstan	Earthquake	2	1	16	21,500	0	21,516	
	Epidemic	3	7	0	0	873	873	
	Extreme temp	1	0			600,000	600,000	
	Flood	2	10	0	0	32,500	32,500	33,275
	Wild fire	1	0			8,000	8,000	
	Wind storm	1	112					3,000
Kazakhstan Total		10	130	16	21,500	641,373	662,889	36,275
Republic of Kyrgyz	Earthquake	2	58	100	16,800	180,000	196,900	161,000
	Epidemic	1	22			336	336	
	Extreme temp	1	11					
	Flood	2	2	0	7,828	500	8,328	
	Slide	1	111	0	13,500	45,000	58,500	36,000
Republic of Kyrgyz Total		7	204	100	38,128	225,836	264,064	197,000

Name of Country	DisType	Count of DisNo	Sum of Killed	Sum of Injured	Sum of Homeless	Sum of Affected	Sum of TotAff	Sum of Damage US\$ ('000s)
Cambodia	Drought	1	0					
	Epidemic	5	162	0	0	396,703	396,703	
	Famine (natural)	3	0			5,900,000	5,900,000	
	Flood	6	1,019	53	285,805	6,061,574	6,347,432	103,542
	Wind storm	1						
Cambodia Total		16	1,181	53	285,805	12,358,277	12,644,135	103,542
Republic of Korea	Drought	2				4,705,944	4,705,944	
	Epidemic	3	143	0	0	41,419	41,419	
	Extreme temp	2	67				0	6,000
	Flood	29	4,205	2,875	1,050,525	2,356,558	3,409,958	2,664,734
	Slide	5	288				0	100,000
	Wild fire	1	2	15	840	0	855	
	Wind storm	33	3,600	521	47,195	406,226	453,942	1,765,688
Republic of Korea Total		75	8,305	3,411	1,098,560	7,510,147	8,612,118	4,536,422
Lao, PDR	Drought	7	0	0	0	4,250,000	4,250,000	1,000
	Epidemic	6	784	0	0	19,929	19,929	
	Flood	12	416	150	17,600	1,901,400	1,919,150	38,608
	Wind storm	3	30	222	0	307,090	307,312	305,951
Lao, PDR Total		28	1,230	372	17,600	6,478,419	6,496,391	345,559
Sri Lanka	Drought	8	0			7,056,000	7,056,000	
	Epidemic	6	59	0	0	212,713	212,713	
	Flood	29	821	1,000	2,877,441	5,891,642	8,770,083	337,510
	Slide	3	119			130	130	
	Wind storm	6	1,188	5,000	100,000	2,299,400	2,404,400	137,300
Sri Lanka Total		52	2,187	6,000	2,977,441	15,459,885	18,443,326	474,810
Myanmar	Earthquake	6	1,342	136	0	160	136	37,100
	Epidemic	2	10			800	800	
	Flood	12	317	0	313,739	1,901,528	2,197,697	553,915
	Wild fire	2	8		20,000	58,588	78,588	11,000
	Wind storm	14	5,982	200	274,200	896,289	1,170,689	21,700
Myanmar Total		36	7,659	336	607,939	2,857,365	3,447,910	623,715
Mongolia	Drought	1	0	0	0	450,000	450,000	
	Earthquake	1	1,200				0	
	Epidemic	1	8			108	108	
	Famine (natural)	1				500,000	500,000	
	Flood	3	86		20,000	250,000	270,000	25,000
	Wild fire	3	25	61		5,000	5,061	1,822,800

Name of Country	DisType	Count of DisNo	Sum of Killed	Sum of Injured	Sum of Homeless	Sum of Affected	Sum of TotAff	Sum of Damage US\$ ('000s)
	Wind storm	5	72	0	0	1,171,000	1,171,000	885,000
Mongolia Total		15	1,391	61	20,000	2,376,108	2,396,169	2,732,800
Malaysia	Drought	1	0			5,000	5,000	
	Epidemic	7	123	0	0	2,233	2,233	
	Flood	13	210	0	20,000	806,494	826,494	75,100
	Slide	3	142	35	250	0	285	
	Wild fire	1	0		3,000		3,000	
	Wind storm	4	291	0	3,000	11,650	14,650	
Malaysia Total		29	766	35	26,250	825,377	851,662	75,100
Nepal	Drought	5	0			4,400,000	4,400,000	10,000
	Earthquake	4	9,929	6,716	30,000	560,000	596,716	306,000
	Epidemic	13	4,121	0	0	108,659	108,659	
	Extreme temp	1	0	10			10	
	Flood	25	5,173	730	69,350	1,463,050	1,533,130	990,613
	Slide	12	955	19	200	75,515	75,734	
	Wild fire	2	88	0	54,000	0	54,000	6,200
	Wind storm	6	97	19		165	184	3,600
Nepal Total		68	20,363	7,494	153,550	6,607,389	6,768,433	1,316,413
Philippines	Drought	6	8			4,182,118	4,182,118	64,000
	Earthquake	21	9,565	10,923	134,791	2,063,947	2,209,661	516,977
	Epidemic	10	454	0	0	13,847	13,847	
	Flood	54	2,791	503	501,616	12,309,191	12,811,310	506,120
	Insect infestation	3	0	0		200	200	3,775
	Slide	20	1,198	239	23,012	54,739	77,990	24,000
	Volcano	19	6,331	1,188	76,800	1,401,246	1,479,234	227,167
	Wave/surge	6	5,042	0	5,250	818	6,068	2,330
	Wild fire	1	2			300	300	
	Wind storm	214	31,889	28,232	8,003,308	76,121,436	84,152,976	7,072,912
Philippines Total		354	57,280	41,085	8,744,777	96,147,842	104,933,704	8,417,281
Papua New Guinea	Drought	3	98			1,246,000	1,246,000	
	Earthquake	18	3,523	200	19,000	23,000	42,200	38,375
	Epidemic	1	114					
	Flood	6	58	0	78,000	106,000	184,000	14,400
	Slide	6	427	8	5,000	600	5,608	
	Volcano	10	3,515	31	46,000	145,500	191,531	400,000
	Wave/surge	2	2,193	668		9,199	9,867	
	Wild fire	1	0			8,000	8,000	
	Wind storm	3	47	40	22,500	25,000	47,540	1,500

Name of Country	DisType	Count of DisNo	Sum of Killed	Sum of Injured	Sum of Homeless	Sum of Affected	Sum of TotAff	Sum of Damage US\$ ('000s)
Papua New Guinea Total		50	9,975	947	170,500	1,563,299	1,734,746	454,275
Russian Federation	Drought	2	0					
	Earthquake	28	129,348	3,649	40,464	106,000	150,113	1,341,820
	Epidemic	12	2,500,033	0	0	18,158,245	18,158,245	
	Extreme temp	12	718	1,023	0	725,200	726,223	
	Flood	39	314	453	40,215	992,105	1,032,773	60,962,895
	Slide	12	579	8	0	10,550	10,558	2,600
	Volcano	9	0	0			0	
	Wild fire	14	67	0	683	100,200	100,883	140,336
Wind storm	12	603	170	1,200	11,387	12,757	49,800	
Russian Federation Total		140	2,631,662	5,303	82,562	20,103,687	20,191,552	62,497,451
Singapore	Epidemic	2	4	0	0	4,044	4,044	
Singapore Total		2	4	0	0	4,044	4,044	
Thailand	Drought	3	0	0	0	8,500,000	8,500,000	2,000
	Epidemic	2	189	0	0	4,746	4,746	
	Flood	31	1,660	3,966	156,553	21,837,490	21,998,009	3,747,324
	Wave/surge	2	500	0	200	0	200	267
	Wind storm	18	1,454	20	92,587	3,018,598	3,111,205	674,293
Thailand Total		56	3,803	3,986	249,340	33,360,834	33,614,160	4,423,884
Tajikistan	Drought	1		0	0	3,000,000	3,000,000	57,000
	Earthquake	14	3,987	425	8,000	37,000	45,425	224,800
	Epidemic	3	203	0	0	19,318	19,318	
	Flood	7	1,435	62	65,327	313,801	379,190	521,454
	Insect infestation	1	0					
	Slide	7	12,401	6		500	506	474,100
	Wind storm	1	0	0	1,500	0	1,500	200
Tajikistan Total		34	18,026	493	74,827	3,370,619	3,445,939	1,277,554
Uzbekistan	Drought	1	0	0	0	500,000	500,000	50,000
	Earthquake	4	9	100	20,000	50,000	70,100	90,000
	Epidemic	1	40			148	148	
	Flood	1	95		3,500	17,800	21,300	
	Slide	2	51		400		400	
Uzbekistan Total		9	195	100	23,900	567,948	591,948	140,000
Vietnam	Drought	4	0	0	0	5,700,000	5,700,000	416,770
	Earthquake	1	0					
	Epidemic	5	1,077			28,554	28,554	
	Flood	25	3,638	805	422,565	23,411,330	23,834,755	1,088,100

Name of Country	DisType	Count of DisNo	Sum of Killed	Sum of Injured	Sum of Homeless	Sum of Affected	Sum of TotAff	Sum of Damage US\$ ('000s)
	Insect infestation	1						
	Slide	4	294	73	39,000	0	39,073	2,300
	Wind storm	56	19,311	65,262	1,596,215	30,007,404	31,668,881	944,275
Vietnam Total		96	24,320	66,140	2,057,780	59,147,288	61,271,263	2,451,445
Grand Total		2,866	25,251,021	2,351,544	136,930,320	3,894,993,244	4,023,174,293	454,958,991