

Department of National Defense
OFFICE OF CIVIL DEFENSE
National Disaster Risk Reduction and Management Council
Camp Gen. Emilio Aguinaldo, Quezon City

Disasters caused by Natural and Human-induced Hazards in Region V (Medium and Large Scale)

YEAR / DISASTER EVENT / PROVINCES	CASUALTIES			AFFECTED POPULATION		DAMAGED HOUSES		DAMAGE TO PROPERTIES (P)			
	DEAD	INJURED	MISSING	FAMILIES	PERSONS	TOTALLY	PARTIALLY	AGRI	INFRA	PVT	TOTAL
GRAND TOTAL	82	442	2	2,361,653	10,189,096	255,157	1,027,936	391,458,437,331.61	21,284,391,175.33	-	412,742,828,506.94
2014	7	294	0	765,022	3,409,465	42,945	208,105	10,227,627,309.00	2,103,927,253.60	-	12,331,554,562.60
TROPICAL CYCLONE GLENDA	7	271	0	497,488	2,225,165	41,458	181,284	8,814,568,358.00	1,500,279,003.60	-	10,314,847,361.60
Camarines Sur	7	20	0	228,591	920,408	29,688	123,837	2,913,167,717.00	392,201,356.00	-	3,305,369,073.00
Masbate	0	3	0	11,859	59,897	283	1,279	152,115,649.00	25,000,000.00	-	177,115,649.00
Albay	0	127	0	102,722	505,327	4,775	19,920	1,406,984,728.00	771,785,757.60	-	2,178,770,485.60
Sorsogon	0	119	0	121,796	602,778	4,997	24,216	4,169,973,763.00	193,482,640.00	-	4,363,456,403.00
Camarines Norte	0	2	0	28,452	116,504	1,617	11,169	102,435,128.00	106,600,000.00	-	209,035,128.00
Catanduanes	0	0	0	4,068	20,251	98	863	69,891,373.00	11,209,250.00	-	81,100,623.00
TROPICAL CYCLONE RUBY	0	23	0	267,534	1,184,300	1,487	26,821	1,413,058,951.00	603,648,250.00	-	2,016,707,201.00
Albay	0	7	0	90,924	401,878	0	18	149,126,132.00	514,900,000.00	-	664,026,132.00
Camarines Norte	0	2	0	8,783	36,861	2		31,811,472.00	-	-	31,811,472.00
Camarines Sur	0	8	0	48,499	219,253	160	3,115	925,424,922.00	53,000,000.00	-	978,424,922.00
Catanduanes	0	0	0	13,943	59,752	3	26	15,897,672.00	3,048,250.00	-	18,945,922.00
Masbate	0	0	0	60,438	267,980	1,022	16,616	277,118,087.00	32,700,000.00	-	309,818,087.00
Sorsogon	0	6	0	44,947	198,576	300	7,046	13,680,666.00	-	-	13,680,666.00
2015	16	8	0	13,351	56,659	33,238	64,296	1,219,005,429.16	914,926,586.43	-	2,133,932,015.59
TROPICAL CYCLONE AMANG	0	0	0	13,351	56,659	18	144	475,644,376.60	829,815,753.00	-	1,305,460,129.60
Albay	0	0	0	9,155	38,898	15	0	37,151,630.57	722,025,000.00	-	759,176,630.57
Camarines Norte	0	0	0	799	3,250	1	139	23,540,541.34	45,885,003.00	-	69,425,544.34
Catanduanes	0	0	0	77	309	2	5	6,026,863.38	14,605,750.00	-	20,632,613.38
Camarines Sur	0	0	0	3,016	12,986	0	0	374,548,626.81	32,800,000.00	-	407,348,626.81
Sorsogon	0	0	0	304	1,216	0	0	34,376,714.50	14,500,000.00	-	48,876,714.50
TROPICAL CYCLONE NONA	16	8	0	0	0	33,220	64,152	743,361,052.56	85,110,833.43	-	828,471,885.99
Albay	6	6	0	0	0	102	555	17,565,210.00	58,824,885.27	-	76,390,095.27
Masbate	3	0	0	0	0	3,179	5,776	95,385,966.34	570,000.00	-	95,955,966.34
Sorsogon	7	1	0	0	0	29,921	57,737	284,463,505.52	17,880,000.00	-	302,343,505.52
Camarines Sur	0	1	0	0	0	0	75	311,490,650.70	1,500,000.00	-	312,990,650.70
Camarines Norte	0	0	0	0	0	1	1	20,525,000.00	-	-	20,525,000.00
Catanduanes	0	0	0	0	0	17	8	13,930,720.00	6,335,948.16	-	20,266,668.16
2016	7	1	0	431,203	1,915,971	71,670	162,270	31,638,320,343.10	739,501,985.00	-	32,377,822,328.10
EL NIÑO	0	0	0	0	0	0	0	75,275,000.00	-	-	75,275,000.00
Camarines Sur	0	0	0	0	0	0	0	17,289,000.00	-	-	17,289,000.00
Masbate	0	0	0	0	0	0	0	57,986,000.00	-	-	57,986,000.00
TROPICAL CYCLONE KAREN	0	0	0	15,650	66,488	22	407	942,094,786.88	20,317,500.00	-	962,412,286.88
Camarines Sur	0	0	0	10,562	45,343	0	88	648,906,866.70	-	-	648,906,866.70
Camarines Norte	0	0	0	2,087	7,063	22	316	158,659,421.00	-	-	158,659,421.00
Catanduanes	0	0	0	1,112	5,640	0	3	19,804,668.00	20,317,500.00	-	40,122,168.00
Albay	0	0	0	1,555	6,828	0	0	53,179,472.00	-	-	53,179,472.00
Sorsogon	0	0	0	334	1,614	0	0	61,544,359.18	-	-	61,544,359.18
TROPICAL CYCLONE NINA	7	1	0	415,553	1,849,483	71,648	161,863	30,620,950,556.22	719,184,485.00	-	31,340,135,041.22
Albay	4	0	0	146,808	667,170	18,902	44,581	637,586,052.00	216,745,000.00	-	854,331,052.00
Camarines Norte	0	0	0	2,551	10,364	0	0	82,324,851.00	-	-	82,324,851.00
Camarines Sur	3	1	0	208,906	920,606	43,691	94,088	29,613,665,237.86	457,839,485.00	-	30,071,504,722.86
Catanduanes	0	0	0	35,720	159,945	9,049	23,133	280,366,002.00	44,600,000.00	-	324,966,002.00
Masbate	0	0	0	2,967	5,801	0	0	5,631,000.00	-	-	5,631,000.00
Sorsogon	0	0	0	18,601	85,597	6	61	1,377,413.360	-	-	1,377,413.36
2017	0	2	1	7,820	33,202	0	0	339,830,816,000.00	1,000,000,000.00	-	340,830,816,000.00
TROPICAL CYCLONE RAMIL	0	0	0	74	290	0	0	-	-	-	-
Camarines Sur	0	0	0	13	59	0	0	-	-	-	-
Camarines Norte	0	0	0	61	231	0	0	-	-	-	-

YEAR / DISASTER EVENT / PROVINCES	CASUALTIES			AFFECTED POPULATION		DAMAGED HOUSES		DAMAGE TO PROPERTIES (P)			
	DEAD	INJURED	MISSING	FAMILIES	PERSONS	TOTALLY	PARTIALLY	AGRI	INFRA	PVT	TOTAL
TROPICAL CYCLONE SALOME	0	0	0	54	233	0	0	-	-	-	-
Camarines Sur	0	0	0	54	233	0	0	-	-	-	-
TROPICAL CYCLONE URDUJA	0	0	1	7,692	32,679	0	0	339,830,816,000.00	1,000,000,000.00	-	340,830,816,000.00
Albay	0	0	0	1,685	7,634	0	0	20,132,252,000.00	-	-	20,132,252,000.00
Camarines Norte	0	0	0	151	568	0	0	8,404,347,000.00	-	-	8,404,347,000.00
Camarines Sur	0	0	1	333	1,262	0	0	267,934,074,000.00	-	-	267,934,074,000.00
Masbate	0	0	0	4,663	19,257	0	0	37,746,317,000.00	1,000,000,000.00	-	38,746,317,000.00
Sorsogon	0	0	0	860	3,958	0	0	5,613,826,000.00	-	-	5,613,826,000.00
TROPICAL CYCLONE LANNIE AND MARING	0	2	0	0	0	0	0	-	-	-	-
Catanduanes	0	2	0	0	0	0	0	-	-	-	-
2018	12	39	1	145,323	655,214	2,455	11,324	1,657,426,500.10	4,997,814,051.55	-	6,655,240,551.65
VOLCANIC ACTIVITY	0	0	0	23,705	90,742	0	0	166,289,000.00	-	-	166,289,000.00
Albay	0	0	0	23,705	90,742	0	0	166,289,000.00	-	-	166,289,000.00
TAIL END OF COLD FRONT	0	0	1	14,614	65,204	0	0	-	-	-	-
Sorsogon	0	0	0	4	20	0	0	-	-	-	-
Camarines Sur	0	0	1	14,483	64,884	0	0	-	-	-	-
Catanduanes	0	0	0	127	300	0	0	-	-	-	-
TROPICAL CYCLONE USMAN	12	39	0	107,004	499,268	2,455	11,324	1,491,137,500.10	4,997,814,051.55	-	6,488,951,551.65
Albay	0	8	0	4,734	19,311	93	20	-	1,004,091,170.82	-	1,004,091,170.82
Camarines Norte	0	0	0	10,178	43,703	183	3,042	300,232,056.40	1,309,753,400.00	-	1,609,985,456.40
Camarines Sur	5	25	0	75,885	359,044	2,142	8,197	1,072,839,492.60	2,467,270,000.00	-	3,540,109,492.60
Catanduanes	0	0	0	462	1,873	0	0	25,394,501.02	111,749,480.73	-	137,143,981.75
Masbate	0	0	0	96	396	0	0	26,415,745.90	25,200,000.00	-	51,615,745.90
Sorsogon	7	6	0	15,649	74,941	37	65	66,255,704.18	79,750,000.00	-	146,005,704.18
2019	38	46	0	347,965	1,530,092	53,603	366,217	1,914,438,468.82	4,412,341,505.15	-	6,326,779,973.97
DENGUE OUTBREAK	38	0	0	0	0	0	0	-	-	-	-
Albay	10	0	0	0	0	0	0	-	-	-	-
Camarines Sur	17	0	0	0	0	0	0	-	-	-	-
Catanduanes	1	0	0	0	0	0	0	-	-	-	-
Masbate	2	0	0	0	0	0	0	-	-	-	-
Sorsogon	8	0	0	0	0	0	0	-	-	-	-
EL NIÑO	0	0	0	22,687	113,435	0	0	-	-	-	-
Albay	0	0	0	6,938	34,690	0	0	-	-	-	-
Camarines Sur	0	0	0	15,749	78,745	0	0	-	-	-	-
TROPICAL CYCLONE TISOY	0	46	0	325,278	1,416,657	53,603	366,217	1,914,438,469	4,412,341,505	-	6,326,779,974
Albay	0	44	0	94,501	409,450	8,299	104,500	426,805,290.22	1,575,490,505.00	-	2,002,295,795.22
Camarines Norte	0	0	0	10,150	40,705	1,113	9,548	16,363,563.00	1,089,187,259.91	-	1,105,550,822.91
Camarines Sur	0	0	0	65,165	272,592	10,311	138,012	395,231,523.60	65,031,177.81	-	460,262,701.41
Catanduanes	0	0	0	6,970	29,977	10,735	1,106	239,834,264.00	466,500,000.00	-	706,334,264.00
Masbate	0	0	0	59,533	276,551	7,976	36,900	70,307,500.00	615,775,000.00	-	686,082,500.00
Sorsogon	0	2	0	88,959	387,382	15,169	76,151	765,896,328.00	600,357,562.43	-	1,366,253,890.43
2020	1	50	0	614,379	2,447,696	51,233	215,694	4,690,201,162.00	7,105,379,793.60	-	11,795,580,955.60
EARTHQUAKE MAGNITUDE 6.6	1	50	0	58	1,524	138	1,167	-	27,460,000.00	-	27,460,000.00
Masbate	1	50	0	58	1,524	138	1,167	-	26,960,000.00	-	26,960,000.00
Camarines Sur	0	0	0	0	0	0	0	-	500,000.00	-	500,000.00
SHEAR LINE	0	0	0	1,489	6,556	0	1	-	-	-	-
Albay	0	0	0	760	3,798	0	0	-	-	-	-
Camarines Sur	0	0	0	302	1,443	0	1	-	-	-	-
Sorsogon	0	0	0	427	1,315	0	0	-	-	-	-
TROPICAL CYCLONE AMBO	0	0	0	0	0	0	0	242,168,573.00	-	-	242,168,573.00
Albay	0	0	0	0	0	0	0	24,710,762.00	-	-	24,710,762.00
Camarines Norte	0	0	0	0	0	0	0	4,918,468.00	-	-	4,918,468.00
Camarines Sur	0	0	0	0	0	0	0	127,195,739.00	-	-	127,195,739.00
Catanduanes	0	0	0	0	0	0	0	2,567,130.00	-	-	2,567,130.00
Masbate	0	0	0	0	0	0	0	69,944,302.00	-	-	69,944,302.00
Sorsogon	0	0	0	0	0	0	0	12,832,172.00	-	-	12,832,172.00
TROPICAL CYCLONE BUTCHOY	0	0	0	177	760	0	0	-	-	-	-
Camarines Norte	0	0	0	58	238	0	0	-	-	-	-
Camarines Sur	0	0	0	119	522	0	0	-	-	-	-

YEAR / DISASTER EVENT / PROVINCES	CASUALTIES			AFFECTED POPULATION		DAMAGED HOUSES		DAMAGE TO PROPERTIES (P)			
	DEAD	INJURED	MISSING	FAMILIES	PERSONS	TOTALLY	PARTIALLY	AGRI	INFRA	PVT	TOTAL
TROPICAL CYCLONE QUINTA	0	0	0	52,250	211,829	1,517	24,124	395,790,598.00	126,044,900.00	-	521,835,498.00
Albay	0	0	0	5,377	19,237	612	11,960	202,205,122.00	1,164,800.00	-	203,369,922.00
Camarines Norte	0	0	0	1,077	4,218	0	9	12,744,324.00	-	-	12,744,324.00
Camarines Sur	0	0	0	18,863	78,489	465	9,155	120,477,362.00	63,283,100.00	-	183,760,462.00
Catanduanes	0	0	0	14,151	55,428	244	1,162	4,057,261.00	13,682,000.00	-	17,739,261.00
Masbate	0	0	0	4,129	17,142	188	1,513	12,403,782.00	25,000,000.00	-	37,403,782.00
Sorsogon	0	0	0	8,653	37,315	8	325	43,902,747.00	22,915,000.00	-	66,817,747.00
TROPICAL CYCLONE ROLLY	0	0	0	282,315	1,088,706	35,476	110,008	3,581,704,608.00	6,710,669,893.60	-	10,292,374,501.60
Albay	0	0	0	128,191	474,401	17,299	58,975	1,072,067,127.00	5,475,280,050.00	-	6,547,347,177.00
Camarines Norte	0	0	0	9,562	38,736	116	934	89,134,968.00	114,030,000.00	-	203,164,968.00
Camarines Sur	0	0	0	42,901	169,773	4,585	20,232	1,131,044,075.00	321,069,843.60	-	1,452,113,918.60
Catanduanes	0	0	0	52,628	204,229	13,029	22,076	1,165,523,692.00	776,590,000.00	-	1,942,113,692.00
Masbate	0	0	0	10,035	41,407	0	2	49,606,538.00	11,550,000.00	-	61,156,538.00
Sorsogon	0	0	0	38,998	160,160	447	7,789	74,328,208.00	12,150,000.00	-	86,478,208.00
TROPICAL CYCLONE ULYSSES	0	0	0	278,090	1,138,321	14,102	80,394	470,537,383.00	241,205,000.00	-	711,742,383.00
Albay	0	0	0	59,243	217,807	86	756	2,341,895.00	-	-	2,341,895.00
Camarines Norte	0	0	0	67,950	298,165	4,463	28,930	193,172,175.00	241,205,000.00	-	434,377,175.00
Camarines Sur	0	0	0	134,828	555,339	9,505	50,641	220,735,708.00	-	-	220,735,708.00
Catanduanes	0	0	0	2,184	9,115	0	0	-	-	-	-
Masbate	0	0	0	6,352	27,390	46	39	32,311,605.00	-	-	32,311,605.00
Sorsogon	0	0	0	7,533	30,505	2	28	21,976,000.00	-	-	21,976,000.00
2021	1	2	0	36,566	140,797	3	2	280,602,119.43	10,500,000.00	-	291,102,119.43
COMBINED EFFECTS OF TEFS, LPA, AND ITCZ	1	0	0	92	391	0	0	26,946,314.56	-	-	26,946,314.56
Albay	0	0	0	0	0	0	0	1,701,237.88	-	-	1,701,237.88
Camarines Sur	0	0	0	21	92	0	0	15,644,391.99	-	-	15,644,391.99
Sorsogon	1	0	0	71	299	0	0	9,600,684.69	-	-	9,600,684.69
TROPICAL CYCLONE AURING	0	0	0	15	80	0	0	-	-	-	-
Camarines Sur	0	0	0	7	47	0	0	-	-	-	-
Sorsogon	0	0	0	8	33	0	0	-	-	-	-
TROPICAL CYCLONE BISING	0	2	0	35,992	138,546	3	2	244,444,813.23	10,500,000.00	-	254,944,813.23
Albay	0	0	0	15,650	57,541	0	0	857,436.80	-	-	857,436.80
Camarines Norte	0	2	0	106	450	0	0	16,508,239.00	-	-	16,508,239.00
Camarines Sur	0	0	0	4,866	19,706	0	0	213,789,702.98	-	-	213,789,702.98
Catanduanes	0	0	0	14,652	58,170	3	2	12,587,638.20	-	-	12,587,638.20
Masbate	0	0	0	73	287	0	0	32,356.25	-	-	32,356.25
Sorsogon	0	0	0	645	2,392	0	0	669,440.00	10,500,000.00	-	11,169,440.00
TROPICAL CYCLONE DANTE	0	0	0	467	1,780	0	0	9,210,991.64	-	-	9,210,991.64
Masbate	0	0	0	467	1,780	0	0	9,210,991.64	-	-	9,210,991.64
2022	0	0	0	24	0	10	28	-	-	-	-
TROPICAL CYCLONE AGATON	0	0	0	0	0	0	5	-	-	-	-
Masbate	0	0	0	0	0	0	5	-	-	-	-
TROPICAL CYCLONE ESTER	0	0	0	24	0	10	23	-	-	-	-
Albay	0	0	0	14	0	0	0	-	-	-	-
Masbate	0	0	0	10	0	10	23	-	-	-	-

NOTE: 2020-2022 figures are still subject to change as reports are yet to be finalized
Data as of 18 August 2022

Medium Scale - Emergencies that are smaller than national geographic scales. These are defined by a threshold of impacts causing emergency reaction from authorities from multiple administrative regional authorities – such as from multiple villages, districts, or provinces. (NDRRMOC SOPG 2021)

Large Scale - Disasters that require emergency response at a national or higher scale. Their impacts often cross administrative boundaries including international borders. These disasters have extensive and long-term effects on sustainable development. (Ibid)

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