

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

2011 to 2021 Disaster Events in CARAGA Region

HAZARD TYPE/ YEAR/ DISASTER EVENT/ PROVINCE	NO. OF DISASTER EVENTS	COST OF DAMAGE (₱)		
		AGRICULTURE	INFRASTRUCTURE	TOTAL
Natural	50	2,922,405,151.59	26,938,551,449.42	29,860,956,601.01
2011	3	1,551,400.00	15,436,000.00	16,987,400.00
Tropical Depression EGAY	1	-	-	-
Tropical Storm RAMON	1	-	-	-
Tropical Storm SENDONG	1	1,551,400.00	15,436,000.00	16,987,400.00
Surigao del Sur		1,551,400.00	15,436,000.00	16,987,400.00
2012	4	182,555,978.00	424,259,393.00	606,815,371.00
Typhoon LAWIN	1	-	-	-
Tropical Storm OFEL	1	-	-	-
Typhoon PABLO	1	182,555,978.00	424,259,393.00	606,815,371.00
Agusan Del Norte		21,651,398.00	78,976,000.00	100,627,398.00
Agusan Del Sur		150,839,525.00	173,382,693.00	324,222,218.00
Surigao Del Norte		1,624,660.00	21,575,000.00	23,199,660.00
Surigao Del Sur		8,440,395.00	150,325,700.00	158,766,095.00
Tropical Depression QUINTA	1	-	-	-
2013	3	188,000,000.00	17,004,000.00	205,004,000.00
Tropical Storm AURING	1	-	-	-
Tropical Depression BISING	1	-	1,500,000.00	1,500,000.00
Surigao del Sur		-	1,500,000.00	1,500,000.00
Tropical Depression CRISING	1	188,000,000.00	15,504,000.00	203,504,000.00
Agusan del Norte		105,000,000.00	-	105,000,000.00
Agusan del Sur		3,000,000.00	-	3,000,000.00
Dinagat Islands		-	13,237,000.00	13,237,000.00
Surigao del Norte		-	2,200,000.00	2,200,000.00
Surigao del Sur		80,000,000.00	67,000.00	80,067,000.00
2014	8	61,549,328.00	2,656,410,506.00	2,717,959,834.00
Tropical Depression AGATON	1	44,839,879.00	2,465,634,539.00	2,510,474,418.00
Agusan del Norte		-	511,709,408.00	511,709,408.00
Agusan del Sur		26,923,894.00	1,272,083,655.00	1,299,007,549.00
Dinagat Islands		-	20,144,291.00	20,144,291.00
Surigao del Norte		3,387,800.00	106,753,089.00	110,140,889.00
Surigao del Sur		14,528,185.00	554,944,096.00	569,472,281.00
Tropical Storm BASYANG	1	-	-	-
Tropical Depression CALOY	1	-	-	-
Tropical Depression DOMENG	1	-	-	-
Typhoon HENRY	1	-	-	-
Tropical Storm QUEENIE	1	-	-	-
Typhoon RUBY	1	-	-	-
Tropical Storm SENIANG	1	16,709,449.00	190,775,967.00	207,485,416.00
Agusan del Norte		8,643,055.00	8,750,000.00	17,393,055.00
Agusan del Sur		8,066,394.00	148,120,000.00	156,186,394.00
Dinagat Islands		-	2,000,000.00	2,000,000.00
Surigao del Sur		-	31,905,967.00	31,905,967.00
2015	1	-	-	-
Tropical Depression ONYOK	1	-	-	-
2016	2	208,816,803.00	500,000.00	209,316,803.00
Tropical Storm MARCE	1	-	500,000.00	500,000.00
Agusan del Sur		-	500,000.00	500,000.00

HAZARD TYPE/ YEAR/ DISASTER EVENT/ PROVINCE	NO. OF DISASTER EVENTS	COST OF DAMAGE (₱)		
		AGRICULTURE	INFRASTRUCTURE	TOTAL
El Niño	1	208,816,803.00	-	208,816,803.00
Agusan Del Norte		178,173,633.00	-	178,173,633.00
Surigao del Norte		1,452,500.00	-	1,452,500.00
Surigao del Sur		29,190,670.00	-	29,190,670.00
2017	7	224,988,205.00	792,993,532.91	1,017,981,737.91
Tail-End of a Cold Front and Low Pressure Area (January)	1	-	90,000.00	90,000.00
Tropical Depression AURING	1	194,318,961.00	73,345,000.00	267,663,961.00
Agusan Del Norte		23,637,103.00	-	23,637,103.00
Agusan Del Sur		141,081,774.00	68,000,000.00	209,081,774.00
Dinagat Islands		488,565.00	405,000.00	893,565.00
Surigao del Norte		12,745,687.00	-	12,745,687.00
Surigao Del Sur		16,365,832.00	4,940,000.00	21,305,832.00
Typhoon PAOLO	1	-	-	-
Tropical Storm TINO	1	-	-	-
Tropical Storm URDUJA	1	7,954,090.00	-	7,954,090.00
Agusan Del Sur		7,954,090.00	-	7,954,090.00
Typhoon VINTA	1	22,715,154.00	-	22,715,154.00
Agusan Del Norte		7,078,275.00	-	7,078,275.00
Agusan Del Sur		5,591,839.00	-	5,591,839.00
Dinagat Islands		110,000.00	-	110,000.00
Surigao del Norte		9,890,040.00	-	9,890,040.00
Surigao Del Sur		45,000.00	-	45,000.00
Magnitude 6.7 Earthquake in Suri	1	-	719,558,532.91	719,558,532.91
Surigao del Norte		-	719,558,532.91	719,558,532.91
2018	6	124,587,334.00	-	124,587,334.00
Tropical Depression AGATON	1	-	-	-
Typhoon DOMENG	1	-	-	-
Tropical Depression BASYANG	1	124,531,553.00	-	124,531,553.00
Agusan del Norte		1,637,891.00	-	1,637,891.00
Dinagat Islands		162,685.00	-	162,685.00
Surigao del Norte		23,256,484.00	-	23,256,484.00
Surigao del Sur		99,474,493.00	-	99,474,493.00
Typhoon OMPONG	1	-	-	-
Tropical Depression SAMUEL	1	55,781.00	-	55,781.00
Agusan del Sur		55,781.00	-	55,781.00
Tropical Depression USMAN	1	-	-	-
2019	8	-	36,053,954.90	36,053,954.90
Dengue Outbreak	1	-	-	-
Measles Outbreak	1	-	-	-
Trough of Low Pressure Area in Regions XI and CARAGA	1	-	-	-
Tropical Depression AMANG	1	-	-	-
Tropical Depression CHEDENG	1	-	-	-
Typhoon TISOY	1	-	-	-
Typhoon URSULA	1	-	-	-
Magnitude 5.5 EQ in Carrascal	1	-	36,053,954.90	36,053,954.90
Surigao del Sur		-	36,053,954.90	36,053,954.90
2020	1	29,671,080.00	145,641,970.75	175,313,050.75
Tropical Depression VICKY	1	29,671,080.00	145,641,970.75	175,313,050.75
Agusan del Norte		10,233,940.00	-	10,233,940.00
Agusan del Sur		4,439,410.00	132,320,000.00	136,759,410.00
Surigao del Norte		4,207,830.00	6,740,000.00	10,947,830.00
Surigao del Sur		10,789,900.00	6,581,970.75	17,371,870.75

HAZARD TYPE/ YEAR/ DISASTER EVENT/ PROVINCE	NO. OF DISASTER EVENTS	COST OF DAMAGE (₱)		
		AGRICULTURE	INFRASTRUCTURE	TOTAL
2021	7	1,900,685,023.59	22,850,252,091.86	24,750,937,115.45
Combined Effects of TEFS, LPA, and ITCZ (January)	1	2,840,667.28	-	2,840,667.28
Agusan del Sur		2,641,082.00	-	2,641,082.00
Surigao del Norte		136,780.00	-	136,780.00
Surigao del Sur		62,805.28	-	62,805.28
Severe Tropical Storm AURING	1	93,058,939.00	33,811,436.02	126,870,375.02
Agusan del Norte		1,367,631.00	1,250,000.00	2,617,631.00
Agusan del Sur		4,590,012.00	5,000,000.00	9,590,012.00
Dinagat Islands		721,500.00	-	721,500.00
Surigao del Norte		6,740,344.00	8,300,000.00	15,040,344.00
Surigao del Sur		79,639,452.00	19,261,436.02	98,900,888.02
Typhoon BISING	1	-	320,000.00	320,000.00
Surigao del Norte		-	320,000.00	320,000.00
Tropical Storm CRISING	1	-	-	-
Intertropical Convergence Zone (ITCZ) and Tropical Storm DANTE	1	18,276,731.89	1,500,000.00	19,776,731.89
Agusan del Norte		883,155.00	-	883,155.00
Agusan del Sur		15,672,086.00	-	15,672,086.00
Without breakdown		1,721,490.89	1,500,000.00	3,221,490.89
Severe Tropical Storm MARING	1	960,550.00	1,980,000.00	2,940,550.00
Agusan del Norte		960,550.00	1,980,000.00	2,940,550.00
Typhoon ODETTE	1	1,785,548,135.42	22,812,640,655.84	24,598,188,791.26
Agusan del Norte		123,734,028.88	208,237,600.00	331,971,628.88
Agusan del Sur		169,796,932.00	101,300,000.00	271,096,932.00
Butuan City		-	70,000,000.00	70,000,000.00
Dinagat Islands		273,745,281.20	4,271,328,067.54	4,545,073,348.74
Surigao del Norte		1,179,113,783.34	18,019,366,988.30	19,198,480,771.64
Surigao del Sur		39,158,110.00	142,408,000.00	181,566,110.00

NOTE: 2020 and 2021 data are still subject to change as reports are yet to be finalized.

2011 to 2021 Incidents Monitored in CARAGA Region

HAZARD TYPE/ YEAR/ DISASTER EVENT/ PROVINCE	NO. OF DISASTER EVENTS	COST OF DAMAGE (₱)
		INFRASTRUCTURE
Grand Total	78	24,696,960.00
Natural	40	5,481,000.00
2011	12	-
Earthquake	11	-
Surigao del Sur	6	-
Surigao del Norte	5	-
Landslide	1	-
Surigao del Sur	1	-
2012	12	-
Earthquake	8	-
Agusan del Sur	1	-
Surigao del Norte	7	-
Continious Rains	1	-
Without breakdown	1	-
Flooding/ Flashflood	1	-
Agusan del Norte	1	-
Landslide	1	-
Agusan del Sur	1	-
Disease Outbreak	1	-
Without breakdown	1	-
2013	2	-
Tail End of a Cold Front	1	-
Without breakdown	1	-
Flooding/ Flashflood	1	-
Surigao del Norte	1	-
2014	2	-
Disease Outbreak	1	-
Surigao del Norte	1	-
Earthquake	1	-
Surigao del Sur	1	-
2015	2	-
Northeast Monsoon	1	-
Without breakdown	1	-
El Niño	1	-
Without breakdown	1	-
2016	1	-
Earthquake	1	-
Surigao del Norte	1	-
2017	0	-
2018	4	-
Earthquake	4	-
Surigao del Norte	4	-
2019	0	-
2020	1	5,481,000.00
Earthquake	1	5,481,000.00

HAZARD TYPE/ YEAR/ DISASTER EVENT/ PROVINCE	NO. OF DISASTER EVENTS	COST OF DAMAGE (₱)
		INFRASTRUCTURE
Surigao del Sur	1	5,481,000.00
2021	4	-
Intertropical Convergence Zone and LPA	1	-
Surigao del Sur	1	-
Flooding/ Flashflood	2	-
Surigao del Norte	2	-
Earthquake	1	-
Surigao del Sur	1	-
Human-Induced	38	19,215,960.00
2011	3	-
Armed Conflict	1	-
Surigao del Sur	1	-
Maritime Accident	1	-
Surigao del Norte	1	-
Hostage Taking	1	-
Agusan del Sur	1	-
2012	5	-
Maritime Accident	4	-
Agusan del Norte	3	-
Surigao del Norte	1	-
Structural Fire	1	-
Agusan del Norte	1	-
2013	4	-
Drowning	1	-
Surigao del Norte	1	-
Armed Conflict	2	-
Agusan del Norte	2	-
Structural Fire	1	-
Surigao del Sur	1	-
2014	0	-
2015	4	10,200,000.00
Structural Fire	2	10,200,000.00
Agusan del Norte	2	10,200,000.00
Food Foisoning	1	-
Agusan del Norte, Surigao del Sur, Surigao del Norte	1	-
Maritime Accident	1	-
Surigao del Norte	1	-
2016	0	-
2017	1	-
Armed Conflict	1	-
Surigao del Sur	1	-
2018	10	2,400,000.00
Ambush/ Shooting Incident	3	-
Agusan del Norte	1	-
Surigao del Sur	2	-

HAZARD TYPE/ YEAR/ DISASTER EVENT/ PROVINCE	NO. OF DISASTER EVENTS	COST OF DAMAGE (₱)
		INFRASTRUCTURE
Armed Conflict	1	-
Agusan del Norte	1	-
Civil Disturbance	1	-
Agusan del Norte	1	-
Structural Fire	3	2,400,000.00
Agusan del Norte	2	400,000.00
Surigao del Sur	1	2,000,000.00
Social Disorganization	1	-
Surigao del Sur	1	-
Vehicular Accident	1	-
Surigao del Norte	1	-
2019	5	270,000.00
Structural Fire	4	270,000.00
Surigao del Sur	4	270,000.00
Vehicular Accident	1	-
Surigao del Sur	1	-
2020	1	-
Structural Fire	1	-
Agusan del Norte	1	-
2021	5	6,345,960.00
Structural Fire	5	6,345,960.00
Agusan del Norte	1	-
Surigao del Norte	1	175,000.00
Surigao del Sur	3	6,170,960.00

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