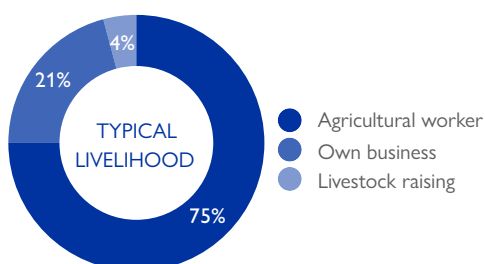
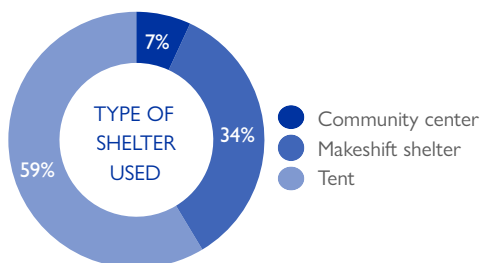


## DISPLACEMENT OVERVIEW

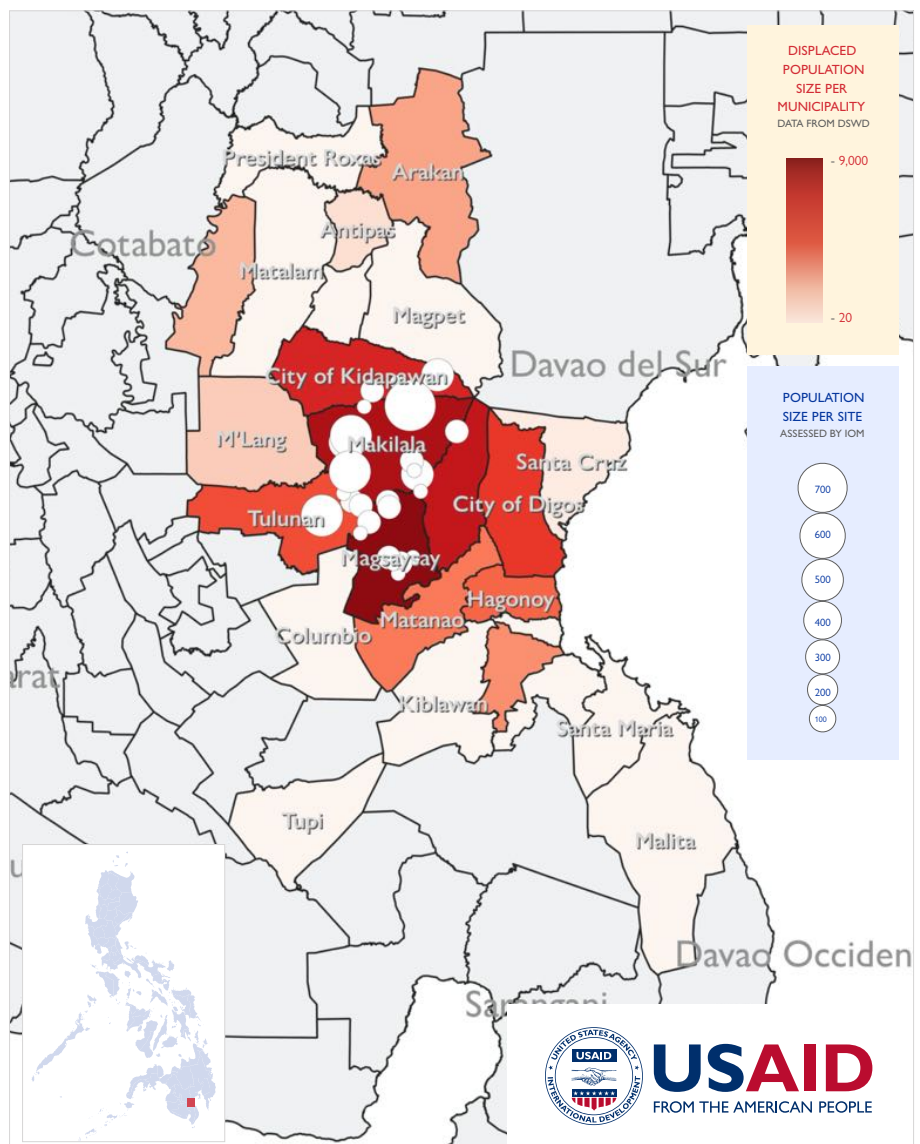


45 sites covered in all rounds

## TOP NEEDS IN ASSESSED SITES



Camp setup and layout training of camp managers, IDPs and leaders in Malungon, Magsaysay



## SITUATIONER

Three major earthquakes hit North Cotabato on 16, 29 and 31 October 2019, at 6.3, 6.6 and 6.5 magnitudes, respectively. According to the latest DSWD-DROMIC report (Report # 29), 66,811 families or 326,816 persons have been affected and 38,739 houses are damaged (23,321 totally destroyed and 15,461 partially damaged). 21,943 families or 105,591 persons are displaced. 77 DSWD-listed IDP sites host 9,941 families or 45,816 persons and 12,002 families or 59,775 persons are otherwise displaced.

The fourth week since the beginning of the emergency has seen more aftershocks as well as heavy rain. The latter further highlights the necessity of upgrading the deteriorating shelters made from the plastic sheeting initially distributed to minimize the IDPs' exposure to the elements as well as improving site lay-out and planning to design and locate shelters and site facilities with long-term displacement in mind.

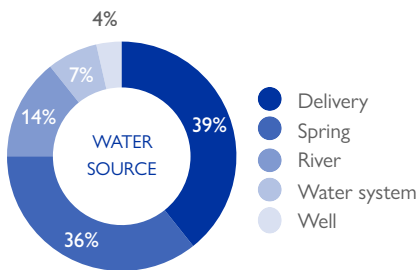
## METHODOLOGY

This DTM report refers to the third round of site assessments conducted in North Cotabato and Davao del Sur from 18 to 23 November 2019. IOM deployed 3 enumerators included among 3 mobile CCCM support teams to roll out the DTM. Coordination was done with the local government of North Cotabato and Davao del Sur, as well as DSWD Regions XI and XII, and P/M/CDRRMOs. Key informant interviews and focus group discussions in the assessed sites are the main data sources. 29 sites were assessed for this report.

VIEW PREVIOUS REPORTS:

[DTM Report 1](#) • [DTM Report 2](#) • [DTM Report 3](#)

### WATER, SANITATION & HYGIENE

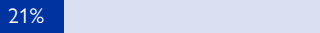


54

LATRINES

for the assessed population of 26,318 persons in 29 sites

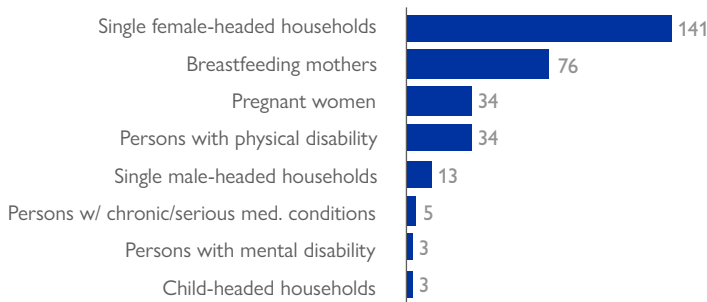
Sites with NO separate male & female toilets



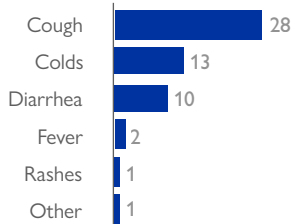
Sites with NO separate male & female bathing areas



### NUMBER OF VULNERABLE PERSONS



### HEALTH ISSUES REPORTED



### SITES WITH SECURITY INCIDENTS REPORTED



### EDUCATION

Sites assessed that are on school property



Sites assessed with access to formal/informal education



## GENERAL FINDINGS & RECOMMENDATIONS

### Camp Coordination and Camp Management

- In Magsaysay and Tulunan, advocacy for government recognition of spontaneous sites and ad interim direct site-management by other CCCM actors.
- In Makilala and Kidapawan, technical assistance (site planning and lay-out, coordination with service providers) for government-designated camp managers
- 12 out of all 45 DTM-assessed sites (Rounds 1-3) are identified for relocation or decongestion. Support LGUs in land negotiation and site planning and lay-out.
- 15 out of all 45 DTM-assessed sites (Rounds 1-3) host ethnic minorities mostly from the B'laan and Bagobo tribes. Ensure participation and representation while respecting indigenous culture and coping mechanisms.

### Shelter

Find durable shelter options (short term: shelter-grade tarps; long term: transitional shelters) for displacement of at least 12 months.

### Water, Sanitation and Hygiene

- More safe water sources
- Proper latrines and bathing cubicles
- Hygiene promotion

### Health

Psychosocial support interventions for adults as well as for children while ground-shaking recurs and uncertainty and anxiety related to prolonged displacement remains.

### Livelihood

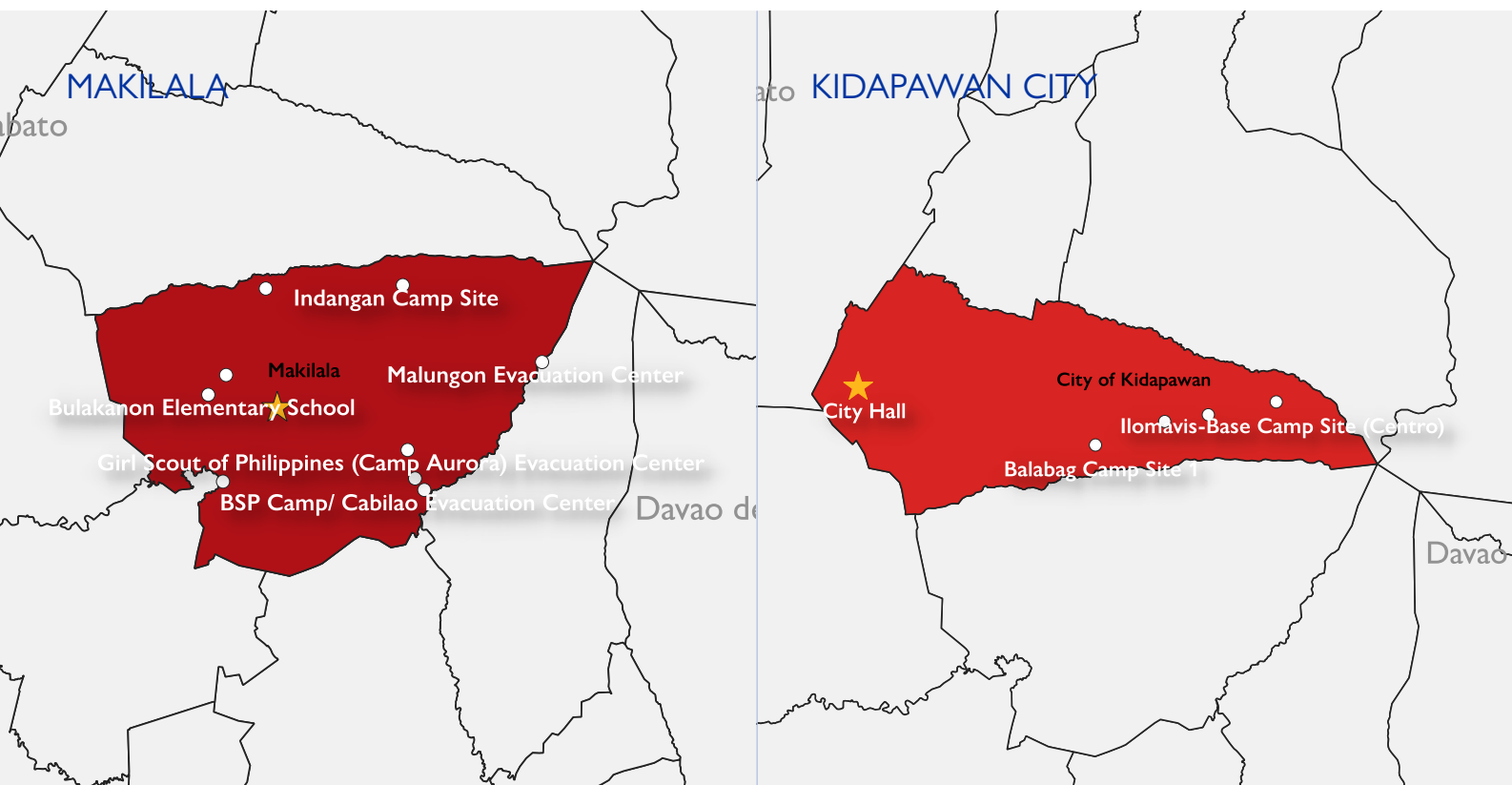
Uncertainty of return for many IDPs impacts livelihood. Livelihood skills inventories and referral to possible stakeholders are recommended.

- Makilala: 32 sites listed by municipal government (hosting 5,238 families or 18,474 persons) with 12 major sites managed directly by DSWD and 20 sites managed by municipal and barangay personnel
- Kidapawan: 2,029 displaced families or 10,145 IDPs in 9 evacuation centers
- The majority of the combined sites in Makilala and Kidapawan are spontaneous sites in outskirts but these have smaller populations than the major evacuation centers near the municipal/city hubs.
- WASH: lack of potable water sources, latrines, bathing cubicles and hygiene promotion. Referral to WASH actors is recommended.
- Protection: lack of lighting for family use and for WASH and other common site facilities for referral to possible providers
- Shelter: Upgrade to shelter-grade tarps and/or transitional shelters is advised.
- Livelihood: Finally, the uncertainty of return facing many of the IDPs has massive implications on their livelihoods. Most of them rely on agriculture located in their places of habitual residence and/or the most affected areas. Aid will have to include access to viable alternative livelihoods with value-chain support.



NAME OF SITE	BARANGAY	CITY/ MUNICIPALITY	FAMILIES	PERSONS	↔
<a href="#">Balabag Camp Site 1</a>	Balabag	Kidapawan	167	537	15
<a href="#">Balabag Camp Site 2</a>	Balabag	Kidapawan	186	649	21
<a href="#">Ilomavis Base Camp Site (Centro)</a>	Ilomavis	Kidapawan	323	1,172	26
<a href="#">Sitio Embasi Camp Site</a>	Barangay Perez	Kidapawan	93	339	19
<a href="#">BSP Camp / Cabilao Evacuation Center</a>	Barangay Old Bulatukan	Makilala	395	1,535	10
<a href="#">Girl Scout of Philippines (Camp Aurora)</a>	Barangay Old Bulatukan	Makilala	186	661	8
<a href="#">Rodero Elementary School (Camp 1)</a>	Barangay Rodero	Makilala	102	448	9
<a href="#">Bulakanon Elementary School</a>	Barangay Bulakanon	Makilala	372	1,486	4
<a href="#">Saguing National High School</a>	Barangay Saguing	Makilala	21	99	7
<a href="#">Indangan Camp Site</a>	Barangay Indangan	Makilala	694	3,470	10
<a href="#">Barangay Bulakanon Evacuation Center</a>	Barangay Bulakanon	Makilala	543	2,165	3
<a href="#">Malungon Evacuation Center</a>	Malabuan	Makilala	239	1,750	15
<a href="#">Malabuan Elementary School</a>	Malabuan	Makilala	486	1,736	5
<b>TOTALS</b>			<b>3,807</b>	<b>16,047</b>	

↔ distance to city/municipal hall (in km)





## TULUNAN NORTH COTABATO

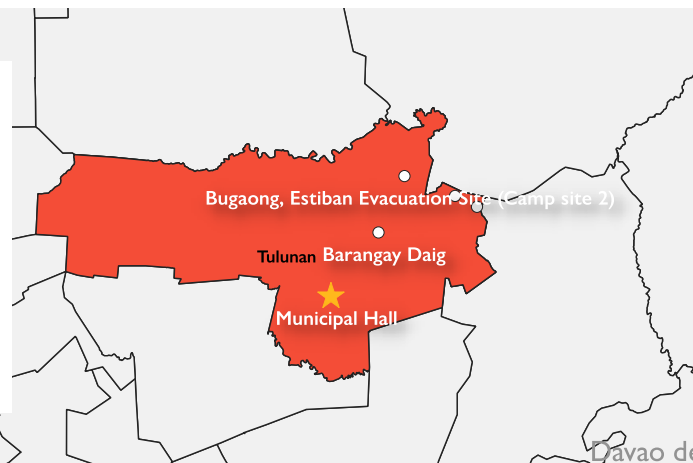
- 938 families or 4,690 persons displaced
- No government-recognized evacuation centers and therefore no CCCM interventions by the authorities. Recognition of these spontaneous sites need to be advocated by CCCM support actors so that no one is left behind.
- DTM enumerators assessed 4 spontaneous sites hosting 892 displaced families or 3,854 IDPs.
- WASH: The few latrines and bathing cubicles available are not enough to cover the needs of the IDPs.
- Shelter: plastic sheets now deteriorated and need replacement if not upgrading to more durable materials. Transitional shelters would be the most viable solution.
- Livelihood: Displaced families here mostly depend on employment in rubber plantations also located in the worst-affected areas not yet cleared by Phivolcs and MGB. Alternative livelihood opportunities will need to be made available.



Spontaneous site in Magbok, Tulumán

NAME OF SITE	BARANGAY	FAMILIES	PERSONS	↔
<a href="#">Barangay Daig Evacuation Center</a>	Daig	430	1,341	3
<a href="#">Bugaong, Estiban Evacuation Site</a>	Magbok	57	285	6
<a href="#">Tinago, Kalubihan, Purok 7</a>	Magbok	219	1,440	7
<a href="#">Tulda Tulda Paraiso</a>	Paraiso	186	788	7
<b>TOTALS</b>		<b>892</b>	<b>3,854</b>	

↔ distance to municipal hall (in km)



## MAGSAYSAY DAVAO DEL SUR

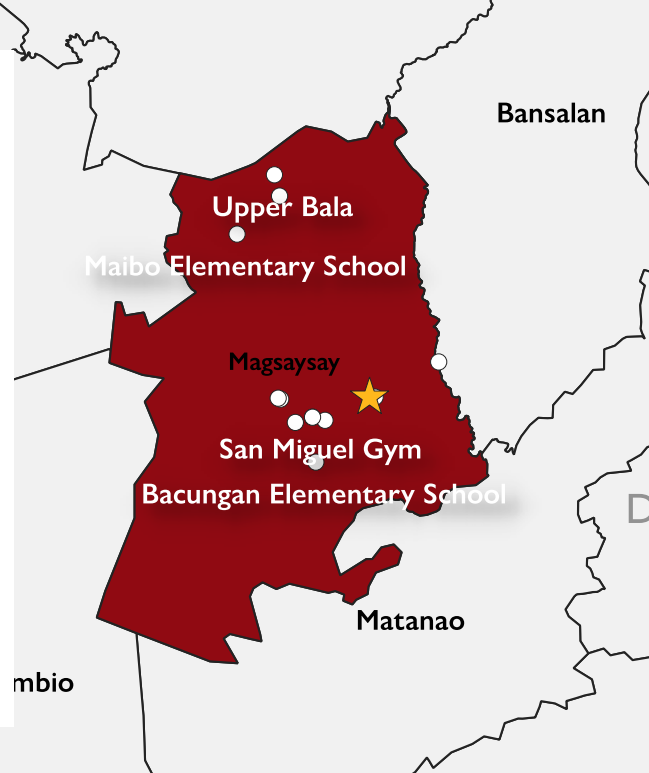
- CCCM: Highest displacement figures (8,942 families or 43,225 persons). Hosting only 1,587 families or 6,450 persons in 10 DSWD-listed evacuation centers. In addition, 283 families or 1,234 persons are staying in 2 spontaneous DTM-assessed sites. Six IDP sites are located within school properties and subject to relocation. CCCM support staff are providing advice on proper site lay-out and planning to refer emerging WASH issues in relocation sites to service providers.
- Shelter: Makeshift shelters are being used in most sites. Deteriorating plastic sheet need replacement or upgrading.
- WASH: Most latrines reported to be available are in Magsaysay sites. Still, 49 latrines are still too few for 7,056 IDPs. More latrines and other WASH facilities need to be provided by WASH actors.



San Miguel Evacuation Center in Magsaysay

NAME OF SITE	BARANGAY	FAMILIES	PERSONS	↔
<a href="#">Bacungan Elementary School</a>	Bacungan	272	1,330	4
<a href="#">Balnate Elementary School (Grounds)</a>	Balnate	117	415	4
<a href="#">Balnate Elementary School (Manggahan)</a>	Balnate	255	1,025	4
<a href="#">Maibo Elementary School</a>	Maibo	113	468	9
<a href="#">Malawanit Elementary School</a>	Malawanit	56	280	0.3
<a href="#">San Miguel Elementary School</a>	San Miguel	157	635	2
<a href="#">San Miguel Gym</a>	San Miguel	63	240	3
<a href="#">San Miguel Tent City</a>	San Miguel	115	394	3
<a href="#">Tacul Elementary School</a>	Tacul	161	619	3
<a href="#">Upper Bala</a>	Upper Bala	208	810	10
<a href="#">Upper Bala Evacuation 2 &amp; 3</a>	Upper Bala	168	840	9
<b>TOTALS</b>		<b>1,685</b>	<b>7,056</b>	

↔ distance to municipal hall (in km)



## LIST OF ALL KNOWN DISPLACEMENT SITES

LEGEND ● Government-recognized ■ For decongestion/relocation ▲ With indigenous persons Assessed by IOM

NAME OF SITE	BARANGAY	CITY/MUNICIPALITY	PROVINCE	FAMILIES	PERSONS	
Darapuyay Elementary School	Darapuyay	Bansalan	Davao del Sur	389	1,945	●
Dolo Elementary School	Dolo	Bansalan	Davao del Sur	324	1,620	●
<a href="#">Mt. Carmel Tent City</a>	Kinskusan	Bansalan	Davao del Sur	80	400	●
Dulangan Elementary School	Dulangan	Digos City	Davao del Sur	95	404	●
Binaton	Mahayag	Digos City	Davao del Sur	39	195	●
Coliseum / Palayan	Matti	Digos City	Davao del Sur	63	315	●
BIR Compound	San Jose	Digos City	Davao del Sur	362	1,072	●
Divine Mercy Church Ground	Sinawilan	Digos City	Davao del Sur	157	329	●
Purok Talisay (Sambas)	Tres de Mayo	Digos City	Davao del Sur	105	656	●
Don Mariano Elementary School	Zone 1	Digos City	Davao del Sur	90	227	●
Aplaya Elementary School	Aplaya	Hagonoy	Davao del Sur	75	375	●
Balutakay Gym	Balutakay	Hagonoy	Davao del Sur	12	60	●
Guihing Gym	Guihing	Hagonoy	Davao del Sur	28	140	●
Leling Gym	Leling	Hagonoy	Davao del Sur	43	215	●
<a href="#">Bacungan Elementary School</a>	Bacungan	Magsaysay	Davao del Sur	272	1,330	●
<a href="#">Balnate Elementary School (Grounds)</a>	Balnate	Magsaysay	Davao del Sur	117	415	●
<a href="#">Balnate Elementary School (Manggahan)</a>	Balnate	Magsaysay	Davao del Sur	255	1,025	●
<a href="#">Maibo Elementary School</a>	Maibo	Magsaysay	Davao del Sur	113	468	●▲
<a href="#">Malawanit Elementary School</a>	Malawanit	Magsaysay	Davao del Sur	56	280	●▲
<a href="#">San Miguel Elementary School</a>	San Miguel	Magsaysay	Davao del Sur	157	635	●▲

NAME OF SITE	BARANGAY	CITY/MUNICIPALITY	PROVINCE	FAMILIES	PERSONS	
<a href="#">San Miguel Gym</a>	San Miguel	Magsaysay	Davao del Sur	63	240	●
<a href="#">San Miguel Tent City</a>	San Miguel	Magsaysay	Davao del Sur	115	394	
Tacul (Gym and Elementary School)	Tacul	Magsaysay	Davao del Sur	172	621	●
<a href="#">Tacul Elementary School</a>	Tacul	Magsaysay	Davao del Sur	161	619	●
<a href="#">Upper Bala</a>	Upper Bala	Magsaysay	Davao del Sur	208	810	●▲
<a href="#">Upper Bala Evacuation 2 &amp; 3</a>	Upper Bala	Magsaysay	Davao del Sur	168	840	▲
Asinan	Asinan	Matanao	Davao del Sur	174	870	●
Kiblagon	Kiblagon	Sulop	Davao del Sur	63	286	●
Palili	Palili	Sulop	Davao del Sur	48	156	●
Poblacion	Poblacion	Sulop	Davao del Sur	39	128	●
<a href="#">Balabag Camp Site 1</a>	Balabag	Kidapawan City	North Cotabato	167	537	●■▲
<a href="#">Balabag Camp Site 2</a>	Balabag	Kidapawan City	North Cotabato	186	649	●■▲
Purok 4 Basketball Court	Ginatilan	Kidapawan City	North Cotabato	86	430	●
Purok 7 Basketball Court	Ginatilan	Kidapawan City	North Cotabato	200	1,000	●
Centro Covered Court	Ilomavis	Kidapawan City	North Cotabato	1,113	5,565	●■▲
<a href="#">Ilomavis Base Camp</a>	Ilomavis	Kidapawan City	North Cotabato	323	1,172	●
Ilomavis Tent City	Ilomavis	Kidapawan City	North Cotabato	422	2,110	●
Macebolig Open Field	Macebolig	Kidapawan City	North Cotabato	20	100	●
Nuangan Covered Court	Nuangan	Kidapawan City	North Cotabato	129	645	●
Perez Elementary School	Perez	Kidapawan City	North Cotabato	80	400	●
<a href="#">Sitio Embasi Camp Site</a>	Perez	Kidapawan City	North Cotabato	93	465	●
Sitio Lapan Elementary School	Perez	Kidapawan City	North Cotabato	36	180	●
Batasan Purok 1	Batasan	Makilala	North Cotabato	40	200	
Dole-Stanfilco – Batasan	Batasan	Makilala	North Cotabato	110	550	
Sitio Flortam Purok 1 Pagaran	Batasan	Makilala	North Cotabato	99	495	
Lokatong	Biangan	Makilala	North Cotabato	129	502	●
Luis Socias Elementary School	Biangan	Makilala	North Cotabato	69	252	●
Buenavida (Sandiki Property)	Buenavida	Makilala	North Cotabato	96	432	●
<a href="#">Barangay Bulakanon Evacuation Center</a>	Bulakanon	Makilala	North Cotabato	543	2,165	
<a href="#">Bulakanon Elementary School</a>	Bulakanon	Makilala	North Cotabato	372	1,403	●▲
Bulakanon High School	Bulakanon	Makilala	North Cotabato	372	1,399	●■
MIST Campus	Concepcion	Makilala	North Cotabato	401	1,498	●▲
Banana Plantation	Garsika	Makilala	North Cotabato	43	152	●
Garsika National High School	Garsika	Makilala	North Cotabato	367	1,835	●
<a href="#">Indangan Camp Site</a>	Indangan	Makilala	North Cotabato	694	3,470	
Kisante Elementary School	Kisante	Makilala	North Cotabato	147	555	●
Pag-ugmad Village	Kisante	Makilala	North Cotabato	83	342	●
<a href="#">Malabuan Elementary School</a>	Malabuan	Makilala	North Cotabato	486	1,565	●■
Malabuan Junior High School	Malabuan	Makilala	North Cotabato	11	52	●
Malabuan Senior High School	Malabuan	Makilala	North Cotabato	191	955	●■
<a href="#">Malungon Evacuation Center</a>	Malabuan	Makilala	North Cotabato	239	875	●

NAME OF SITE	BARANGAY	CITY/MUNICIPALITY	PROVINCE	FAMILIES	PERSONS	
Old Basketball Court	Malabuan	Makilala	North Cotabato	14	47	●
Proposed Plaza	Malabuan	Makilala	North Cotabato	40	177	●
Little Bliss	Malasila	Makilala	North Cotabato	108	224	●
<b>Malasila Elementary School and High School</b>	Malasila	Makilala	North Cotabato	644	2,502	●■▲
Sitio Patulangon (Open Space)	Malasila	Makilala	North Cotabato	133	495	●
New Bulatukan (San Isidro)	New Bulatukan	Makilala	North Cotabato	43	145	●
New Cebu (Sandiki Property)	New Cebu	Makilala	North Cotabato	38	190	
New Cebu Elementary School	New Cebu	Makilala	North Cotabato	6	30	●
<a href="#">Camp Bulatukan (BSP Cabilao)</a>	Old Bulatukan	Makilala	North Cotabato	395	1,535	●■▲
<a href="#">Camp Bulatukan (GSP Aurora)</a>	Old Bulatukan	Makilala	North Cotabato	186	661	●■▲
Back of Victory Chapel	Poblacion	Makilala	North Cotabato	10	42	●
Makilala Central Elementary School	Poblacion	Makilala	North Cotabato	173	649	●■▲
Quibod Property	Poblacion	Makilala	North Cotabato	24	102	●
Santos Land (Open Space)	Poblacion	Makilala	North Cotabato	300	1,141	●■
Kinambulan	Rodero	Makilala	North Cotabato	86	197	●
Palm Oil (Rodero)	Rodero	Makilala	North Cotabato	68	280	●
Riverside	Rodero	Makilala	North Cotabato	77	166	●
<a href="#">Rodero Elementary School (Camp 1)</a>	Rodero	Makilala	North Cotabato	102	412	●■
Golden Gate	Saguing	Makilala	North Cotabato	21	78	●
<a href="#">Saguing National High School</a>	Saguing	Makilala	North Cotabato	21	99	●
Green Academy	San Vicente	Makilala	North Cotabato	26	81	●
Dole-Stanfilco – Sto. Niño	Sto. Niño	Makilala	North Cotabato	143	715	●
Romero Residence	Sto. Niño	Makilala	North Cotabato	258	1,007	●
Lepaga	Lepaga	Mlang	North Cotabato	20	100	●
New Esperanza Covered Court	New Esperanza	Mlang	North Cotabato	39	195	●
Purok 4, Nueva Vida	Nueva Vida	Mlang	North Cotabato	240	1,200	
Bacung Multipurpose Hall	Bacong	Tulunan	North Cotabato	260	1,297	
Batang Spontaneous Site	Bacong	Tulunan	North Cotabato	122	610	▲
<a href="#">Bituan</a>	Bituan	Tulunan	North Cotabato	226	1,130	
<a href="#">Barangay Daig Evacuation Center</a>	Daig	Tulunan	North Cotabato	430	1,341	
<a href="#">Bugaong, Estiban Evacuation Site (Camp Site 2)</a>	Magbok	Tulunan	North Cotabato	57	285	
Magbok	Magbok	Tulunan	North Cotabato	210	1,050	
<a href="#">Tinago, Kalubihan, Purok 7 (Camp Site 1)</a>	Magbok	Tulunan	North Cotabato	219	1,440	
New Caridad	New Caridad	Tulunan	North Cotabato	252	1,260	
<a href="#">Tulda Tulda Paraiso</a>	Paraiso	Tulunan	North Cotabato	186	788	
<b>TOTALS</b>				<b>16,567</b>	<b>70,691</b>	



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