



**REPORTED INTENSITIES:**

Intensity V - San Felipe, Zambales; Malolos and Obando, Bulacan; Quezon City; Lipa, Batangas; Manila City; Abucay, Bataan; Valenzuela City; Magalang, Pampanga

Intensity IV - Pasig City; Makati City; Caloocan City; Meycauayan and San Jose Del Monte, Bulacan; Floridablanca, Pampanga; Villasis, Pangasinan; Tagaytay City; Villasis, Pangasinan; Baguio City; Marikina City; Las Pinas City

Intensity III - Dasmariñas, Indang and Gen. Trias, Cavite; Lucban, Quezon; Muntinlupa City, Cabanatuan City; Palayan City; Gapan City; Santo Domingo and Talavera, Nueva Ecija

Intensity II - Baler, Aurora

**Instrumental Intensities:**

Intensity V - Angeles City; Malolos, Bulacan;

Intensity IV - Quezon City; San Juan City; Pasig City; Muntinlupa City; Gapan City; Cabanatuan City; Tagaytay City; San Ildefonso, Bulacan

Intensity III - Mauban, Quezon; Talisay, Batangas; Guagua, Pampanga; Olongapo City

Intensity II - Lucena City; Dolores and Lucban, Quezon; Dagupan City; Daet, Camarines Norte

Intensity I - Guinayangan, Quezon; Calatagan, Batangas; Magalang, Pampanga; Sinit, Ilocos Sur

Date/Time	: 22 Apr 2019 - 05:11:09 PM
Location	: 14.99°N, 120.35°E - 018 km N 67° E of Castillejos (Zambales)
Depth of Focus (Km)	: 012
Origin	: TECTONIC
Magnitude	: Mwp 6.1

## Philippines

- The Philippine Institute of Volcanology and Seismology ([PHIVOLCS](#)) reported a magnitude 6.1 earthquake, with a 12-kilometre shallow epicentre, at 16:11h (Jakarta time) about 18-km away from Castillejos town in Zambales province (~170-km driving distance from Manila), Philippines. Initial reports show as high as Intensity V impact is felt in nearby towns, including Manila.
- The National Disaster Risk Reduction and Management Council ([NDRRMC](#)), the Philippines' National Disaster Management Organisation, already circulated advisories to its sub-national counterparts. Damage information is currently being gathered.
- Impact analysis by the AHA Centre's Disaster Monitoring and Response System (DMRS), powered by the Pacific Disaster Center (PDC), estimates a total of 30.5 million people were exposed to the earthquake within a 100-km radius. About 230 thousand were estimated to be within 10-km radius, mostly aged between 15-64 years old (below).
- AHA Centre is continuously monitoring the event for significant developments.

Estimated data within 100 km of the event



**5.77 Million**  
households



**30.5 Million**  
people



**213 Billion**  
capital

DISTANCE	Population				Capital USD				
	TOTAL POPULATION	AGE 0-14	AGE 15-64	AGE 65+	RESIDENTIAL	SERVICE	INDUSTRIAL	SCHOOL	HOSPITAL
0-10km	236,142	73,432	150,372	12,338	130 Million	241 Million	92.2 Million	131 Million	209,992
10-30km	1,858,255	577,851	1,183,314	97,090	1.07 Billion	2.01 Billion	774 Million	1.1 Billion	1.73 Million
30-100km	28,489,445	8,859,197	18,141,738	1,488,510	44.6 Billion	84.5 Billion	32.6 Billion	46.3 Billion	72.5 Million
Total	30,583,842	9,510,480	19,475,424	1,597,938	45.8 Billion	86.7 Billion	33.5 Billion	47.5 Billion	74.4 Million