



Disease Surveillance Report 16

Dengue Update

A total of 1293 dengue cases were admitted to different sentinel hospitals region wide from January 1 to April 12, 2014 (Figure 1 and 2). This is **-22.01%** lower compared to the same time period last year (**1658**), and **-59.3% (37)** lower compared to last's morbidity week (**91**). Ages of cases ranged from 3 days to 80 years of age (**Median=9.00**). Fifty-two percent are males. There are five deaths with a Case Fatality Rate (**CFR=0.46%**), cases belonged to the age group 1-9 y.o. (**CFR= 1.7%**).

Geographic Distribution

Most of the cases were from the province of Misamis Oriental (**44.6%**). Seventy percent (496/704) are from the Cagayan de Oro City. Three deaths were from Misamis Oriental (**CFR=0.48**). Camiguin has the highest increase for this week at **70%**. Cagayan de Oro City has the highest cases for the week at 38.4%, however, Gingoog City has the highest CFR at 2.17. For the municipalities, Tagoloan, Misamis Oriental (2.8%) has the highest followed Balingasag, Misamis Oriental (2.6%) and Medina, Misamis Oriental at 2.6% of the total suspected dengue cases for the morbidity week.

(Note: all cases from the city were included in the records as part of the province where it is situated).

Fig. 1 Distribution of Dengue Cases by Morbidity Week
Region: 10, as of April 12, 2014

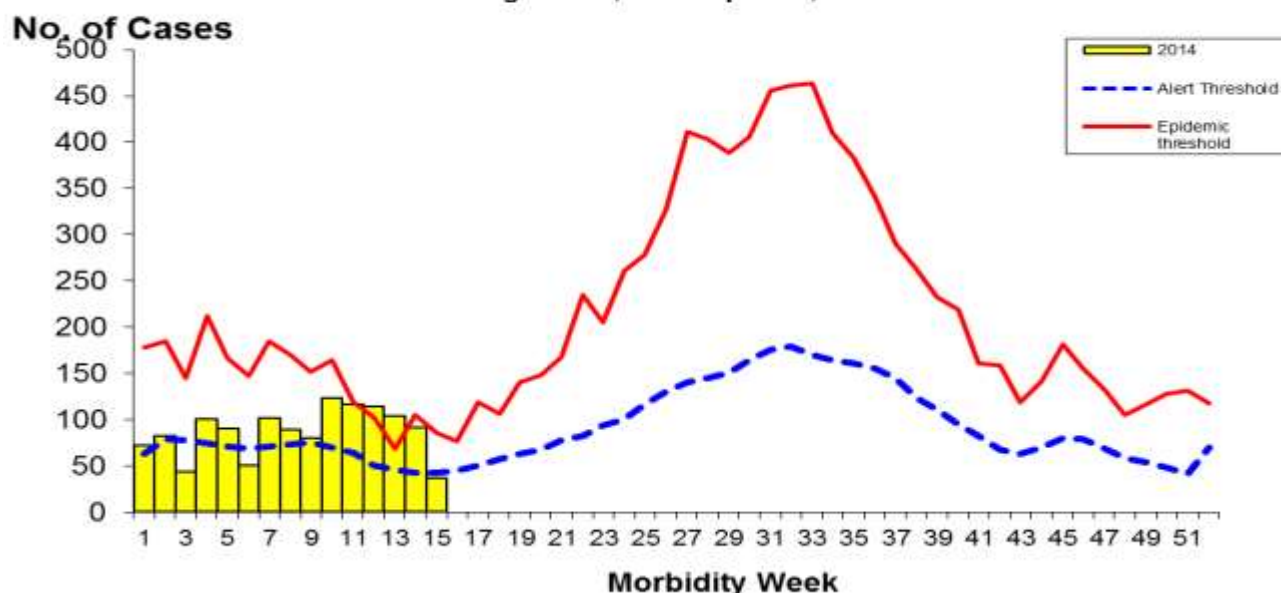
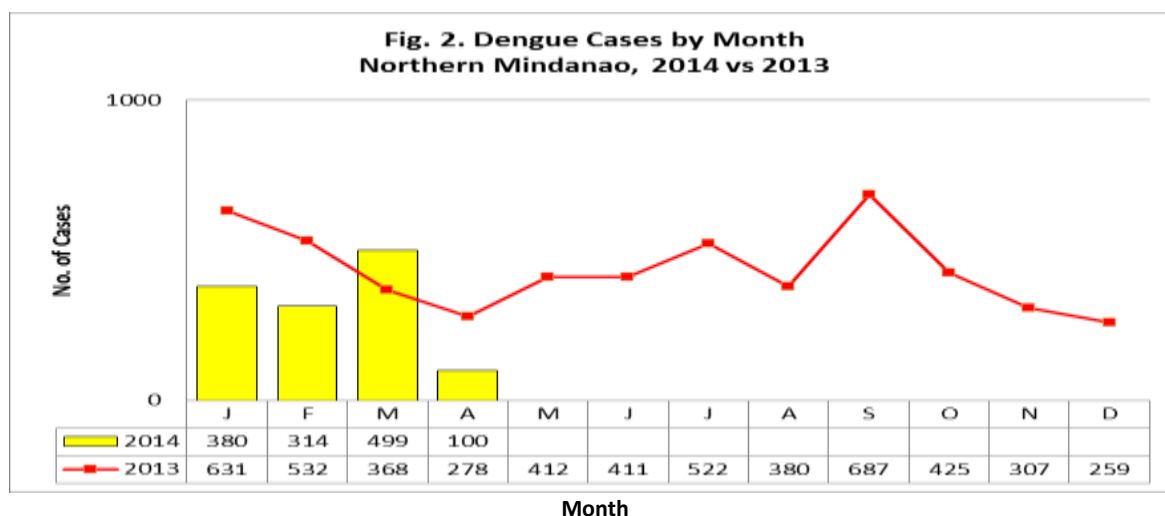


Fig. 2. Dengue Cases by Month
Northern Mindanao, 2014 vs 2013



*as of April 12, 2014

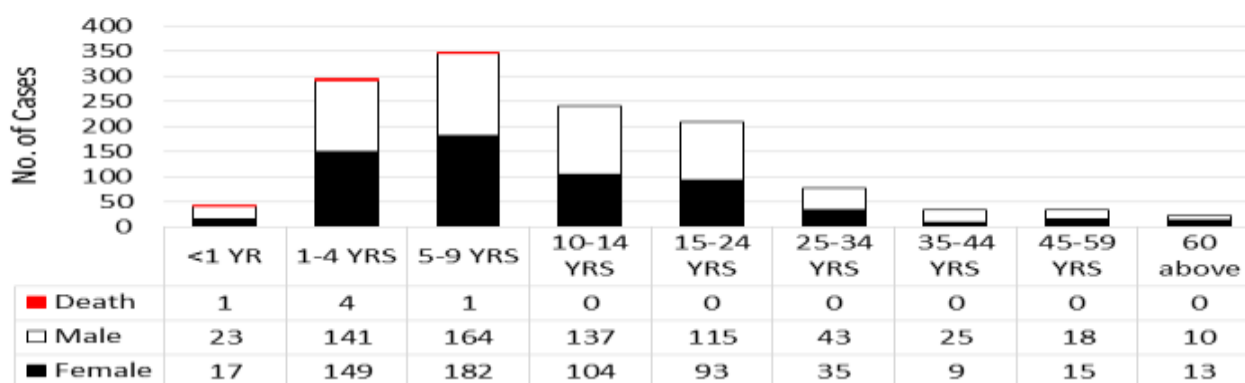


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Cluster of cases were noted in the following areas (3 or more in a barangay during the past 4 weeks)

| PROVINCE | MUNCITY | BARANGAY | CASES | | | |
|--------------------|---------------------|--------------------|-------|------|------|------|
| | | | MW13 | MW14 | MW15 | MW16 |
| BUKIDNON | KIBAWÉ | WEST KIBAWÉ (POB.) | 0 | 0 | 3 | 0 |
| | VALENCIA CITY | POBLACION | 2 | 1 | 0 | 0 |
| CAMIGUIN | MAMBAJAO | YUMBING | 1 | 0 | 2 | 0 |
| MISAMIS ORIENTAL | CAGAYAN DE ORO CITY | BULUA | 6 | 6 | 0 | 0 |
| | | CARMEN | 4 | 8 | 3 | 0 |
| | | MACABALAN | 3 | 1 | 0 | 0 |
| | | BALULANG | 2 | 7 | 2 | 0 |
| | | MACASANDIG | 3 | 3 | 0 | 0 |
| | | GUSA | 2 | 1 | 0 | 0 |
| | | IPONAN | 4 | 5 | 3 | 0 |
| | | CANITO-AN | 5 | 0 | 0 | 0 |
| | | NAZARETH | 2 | 1 | 0 | 0 |
| | | BUGO | 3 | 4 | 0 | 0 |
| | | LAPASAN | 3 | 1 | 0 | 0 |
| | | CAMAMAN-AN | 1 | 2 | 0 | 0 |
| | | TABLON | 4 | 3 | 0 | 0 |
| MISAMIS OCCIDENTAL | OZAMIS CITY | GANGO | 2 | 1 | 0 | 0 |
| | OZAMIS CITY | TINAGO | 1 | 1 | 1 | 0 |

**Fig. 3 Dengue Cases by Age group, Sex and Death
Region 10
April 12, 2014**



**Table 1. Dengue Cases & Deaths by Province and Cities
Northern Mindanao, 2013 & 2014***

| PROVINCE | 2014 | 2013 | % Change | 2014 | CFR | 2013 | CFR |
|----------|------|------|-------------|------|-----|------|-----|
|----------|------|------|-------------|------|-----|------|-----|



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| | | | | | | | |
|----------------------------|------|------|----------|---|------|----|------|
| BUKIDNON | 122 | 323 | -62.23 ↑ | 2 | 1.64 | 2 | 0.62 |
| CAMIGUIN | 43 | 25 | 72.00 ↑ | 0 | 0.00 | 0 | 0.00 |
| LANAO DEL NORTE | 45 | 90 | -50.00 ↑ | 0 | 0.00 | 1 | 1.11 |
| MISAMIS OCCIDENTAL | 48 | 78 | -38.46 ↑ | 0 | 0.00 | 0 | 0.00 |
| MISAMIS ORIENTAL | 208 | 296 | -29.73 ↑ | 1 | 0.48 | 4 | 1.35 |
| | | | | | | | |
| CAGAYAN DE ORO CITY | 496 | 354 | 40.11 ↑ | 2 | 0.40 | 2 | 0.56 |
| EL SALVADOR | 6 | 14 | -57.14 ↑ | 0 | 0.00 | 0 | 0.00 |
| GINGOOG CITY | 46 | 100 | -54.00 ↑ | 1 | 2.17 | 0 | 0.00 |
| ILIGAN CITY | 125 | 118 | 5.93 ↑ | 0 | 0.00 | 2 | 1.69 |
| MALAYBALAY CITY | 30 | 63 | -52.38 ↓ | 0 | 0.00 | 0 | 0.00 |
| OROQUIETA CITY | 18 | 39 | -53.85 ↓ | 0 | 0.00 | 0 | 0.00 |
| OZAMIS CITY | 62 | 75 | -17.33 ↓ | 0 | 0.00 | 0 | 0.00 |
| TANGUB CITY | 9 | 12 | -25.00 ↓ | 0 | 0.00 | 0 | 0.00 |
| VALENCIA CITY | 35 | 71 | -50.70 = | 0 | 0.00 | 0 | 0.00 |
| TOTAL | 1293 | 1658 | -22.01 ↑ | 6 | 0.46 | 11 | 0.66 |

*as of April 12, 2014

Disclaimer: Data and figures from previous report may differ due to late reports submitted and further verification