

# UNOSAT

## Myanmar – Earthquake of the 13 April 2016, $M_w$ 6.9

Analysis of population exposure

13 April 2016

Geneva, Switzerland

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## Overview



An earthquake of 6.9 Magnitude struck Myanmar the 13 April 2016 13:55 UTC (20:25 local time) with an epicentre located in the Sagaing region in the central part of Myanmar.

Population exposure estimates are based on Earthquake's related moderate to strong shake areas deduced from USGS peak acceleration data.



**57.590.000**

Total population of Myanmar



**6,403,404**

Total population living in Moderate to Strong Shake Zones

| Region / District / Township | Total Population (WorldPop) |
|------------------------------|-----------------------------|
| <b>Sagaing</b>               | <b>4,923,299</b>            |
| <b>Shwebo</b>                | <b>1,689,500</b>            |
| <i>Kanbalu</i>               | 208,370                     |
| <i>Khin-U</i>                | 172,158                     |
| <i>Kyunhla</i>               | 107,927                     |
| <i>Shwebo</i>                | 271,148                     |
| <i>Tabayin</i>               | 177,469                     |
| <i>Tantabin</i>              | 148,148                     |
| <i>Taze</i>                  | 191,759                     |
| <i>Wetlet</i>                | 251,797                     |
| <i>Ye-U</i>                  | 160,725                     |
| <b>Monywa</b>                | <b>1,520,213</b>            |
| <i>Ayadaw</i>                | 188,763                     |
| <i>Budalin</i>               | 144,225                     |
| <i>Chaung-U</i>              | 131,782                     |
| <i>Kani</i>                  | 149,404                     |
| <i>Monywa</i>                | 442,906                     |
| <i>Pale</i>                  | 168,099                     |
| <i>Salingyi</i>              | 177,714                     |
| <i>Yinmabin</i>              | 117,320                     |
| <b>Kalemyo</b>               | <b>555,896</b>              |
| <i>Kale</i>                  | 377,090                     |
| <i>Kalewa</i>                | 64,443                      |
| <i>Mingin</i>                | 114,363                     |
| <b>Katha</b>                 | <b>470,570</b>              |
| <i>Banmauk</i>               | 1,801                       |
| <i>Katha</i>                 | 19,242                      |
| <i>Kawlin</i>                | 194,517                     |

|                     |                  |
|---------------------|------------------|
| <i>Pinlebu</i>      | 117,475          |
| <i>Tigyaing</i>     | 99,595           |
| <i>Wuntho</i>       | 37,940           |
| <b>Sagaing</b>      | <b>455,315</b>   |
| <i>Myaung</i>       | 153,756          |
| <i>Myinmu</i>       | 124,268          |
| <i>Ngazun</i>       | 58,943           |
| <i>Sagaing</i>      | 118,349          |
| <b>Mawleik</b>      | <b>181,268</b>   |
| <i>Mawlaik</i>      | 72,770           |
| <i>Phaungbyin</i>   | 108,499          |
| <b>Tamu</b>         | <b>46,241</b>    |
| <i>Tamu</i>         | 46,241           |
| <b>Hkamti</b>       | <b>4,297</b>     |
| <i>Homalin</i>      | 4,297            |
| <b>Mandalay</b>     | <b>1,147,798</b> |
| <b>Mandalay</b>     | <b>693,696</b>   |
| <i>Amarapura</i>    | 117,568          |
| <i>Mandalay</i>     | 519,534          |
| <i>Patheingyi</i>   | 56,594           |
| <b>Pyin-Oo-Lwin</b> | <b>438,853</b>   |
| <i>Madaya</i>       | 201,330          |
| <i>Singu</i>        | 127,633          |
| <i>Thabeikkyin</i>  | 109,891          |
| <b>Myingyan</b>     | <b>15,249</b>    |
| <i>Myingyan</i>     | 15,249           |
| <b>Magway</b>       | <b>243,428</b>   |
| <b>Pakokku</b>      | <b>243,428</b>   |
| <i>Gangaw</i>       | 104,328          |
| <i>Myaing</i>       | 57,798           |
| <i>Yesagyo</i>      | 81,301           |
| <b>Chin</b>         | <b>80,080</b>    |
| <b>Palam</b>        | <b>80,080</b>    |
| <i>Falam</i>        | 46,762           |
| <i>Haka</i>         | 8,350            |
| <i>Tiddim</i>       | 9,758            |
| <i>Tonzang</i>      | 15,210           |
| <b>Shan</b>         | <b>8,799</b>     |
| <b>Kyaukme</b>      | <b>8,799</b>     |
| <i>Mabein</i>       | 2,010            |
| <i>Mong Mit</i>     | 6,789            |
| <b>Total</b>        | <b>6,403,404</b> |

Population exposure, summarized at Region, District and Township level, has been calculated using 100 m resolution WorIPoP dataset. This is a preliminary analysis & has not yet been validated in the field.

