

# フィリピンのインフラの災害状況



Area: 343,448 sq. km.  
Population: 106,512,074 (13<sup>th</sup> in the world)  
Density: 352 people per sq. km

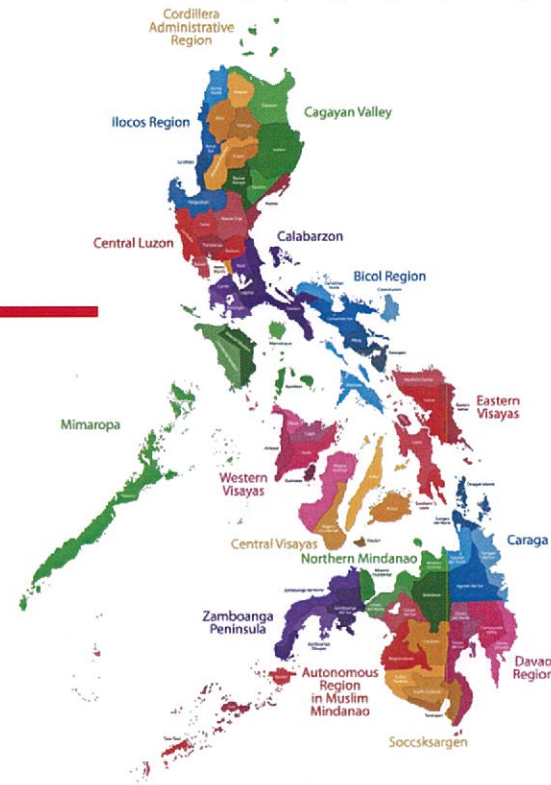


Image Source: <http://www.alearningfamily.com/main/philippines-map/>



# THE EXPERIENCE OF CALAMITIES IN THE PHILIPPINES

フィリピン人の大災害の経験

Image Source: Disaster Management Presentation, DPWH, 2017



Source: NDRRMC, 2009

## Typhoon Ketsana (Ondoy), 2009

台風ケツアナ、2009年

Total Cost of  
Damage:  
PhP11 Billion

総損害額:  
PhP11十億

Affected Families 影響を受ける家族	993,227
Total Displaced Families 避難家族の総数	15,798
Fatalities 死亡者数	464
Injured 負傷者数	529
Missing 行方不明	37

# Bohol Earthquake, 2013

2013年ボホール地震

Total Cost of Damage:  
PhP 2.26 B

総損害額：  
PhP 2.26 B



Image Source: Disaster Management Presentation, DPWH, 2017

<b>Affected Families</b>	<b>671,103</b>
Total Displaced Families	75,521
Fatalities	223
Injured	976
Missing	1,601

Source: NDRRMC, 2013





**Typhoon Haiyan (Yolanda), 2013**

2013年台風Haiyan (ヨランダ)

Total Cost of Damage:  
PhP 571.11 B

総損害額：  
PhP 571.11 B

Source: NDRRMC, 2013

<b>Affected Families</b>	<b>1,472,251</b>
Total Displaced Families	918,261
Damaged Houses	1,171,469
Fatalities and Injured	34,989
Missing	1,601



Image Source: Disaster Management Presentation, DPWH, 2017

<b>Affected Families</b>	<b>3,331</b>
Fatalities	8
Injured	202
Missing	0

Total Cost of Damage: PhP 699.049 M    総損害額：PhP 699.049 M



Source: NDRRMC, 2017

## Surigao City Earthquake, 2017

2017年スリガオ市地震



Image Source: Disaster Management Presentation, DPWH, 2017