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WELCOME DELEGATES

OF THE REPUBLIC OF THE UNION OF MYANMAR

FROM THE

REPUBLIC OF THE PHILIPPINES

DEPARTMENT OF SOCIAL WELFARE AND DEVELOPMENT

28 March 2017 | Quezon City, Philippines

DSWD
Department of Social Welfare and Development

Executive Department of the Philippine Government responsible for the protection of social welfare rights and promotion of social development of Filipinos

Maagap at Mapagkalingang Serbisyo
Prompt and Compassionate Service
http://www.dswd.gov.ph/

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- Pantawid Pamilyang Pilipino Program
- Listahanan
- Disaster Response Operations
- Protective Services Program
- Adoption and Foster Care
- KALAHI CIDSS – NCDDP
- Social Pension
- RRPTP
- ISWSFN
- Gender and Development
- Sustainable Livelihood Program
- Supplementary Feeding Program
- PAMANA
- Residential and Non-Residential Facilities
- Bottom-Up Budgeting (BUB)

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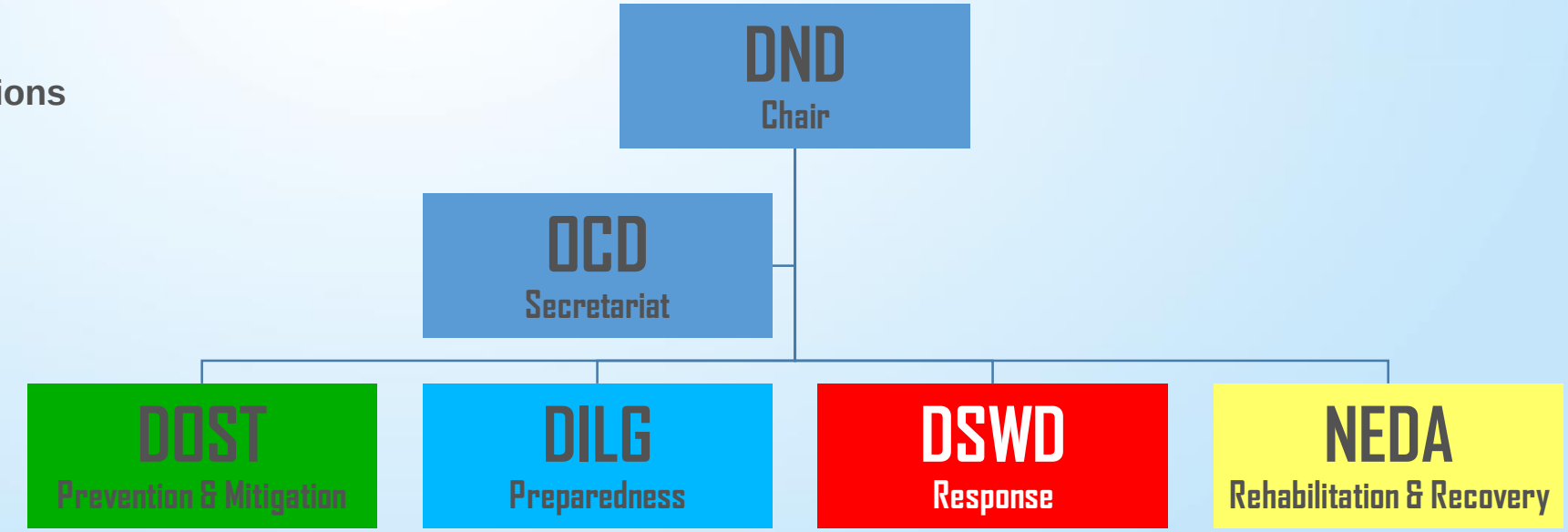
RA 10121 – PHILIPPINE DRRM ACT OF 2010

NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL (NDRRMC)

- Disaster Response Operations



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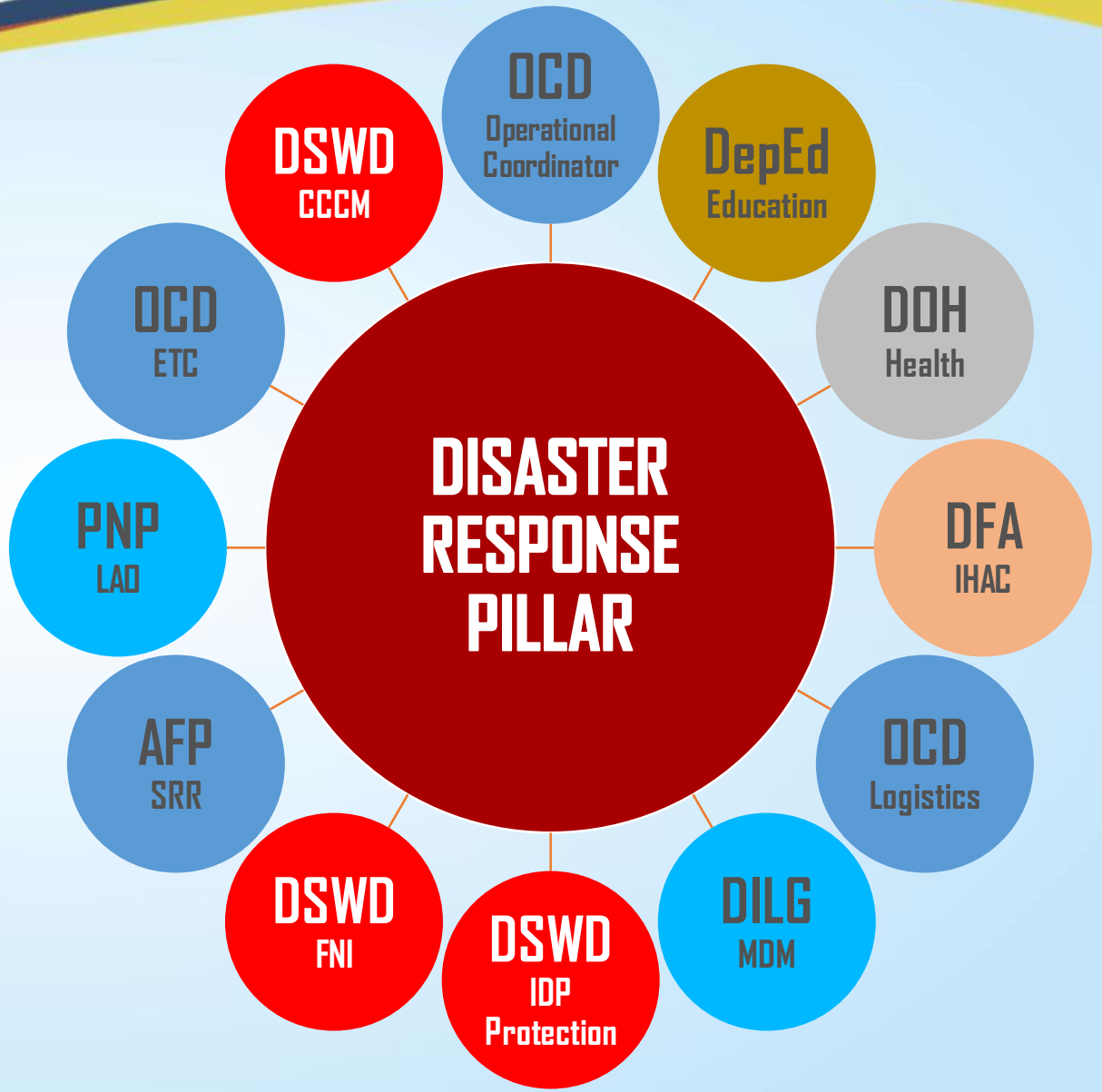
DISASTER RESPONSE

Provide life preservation and meet the basic subsistence needs of affected population based on acceptable standards during or immediately after a disaster



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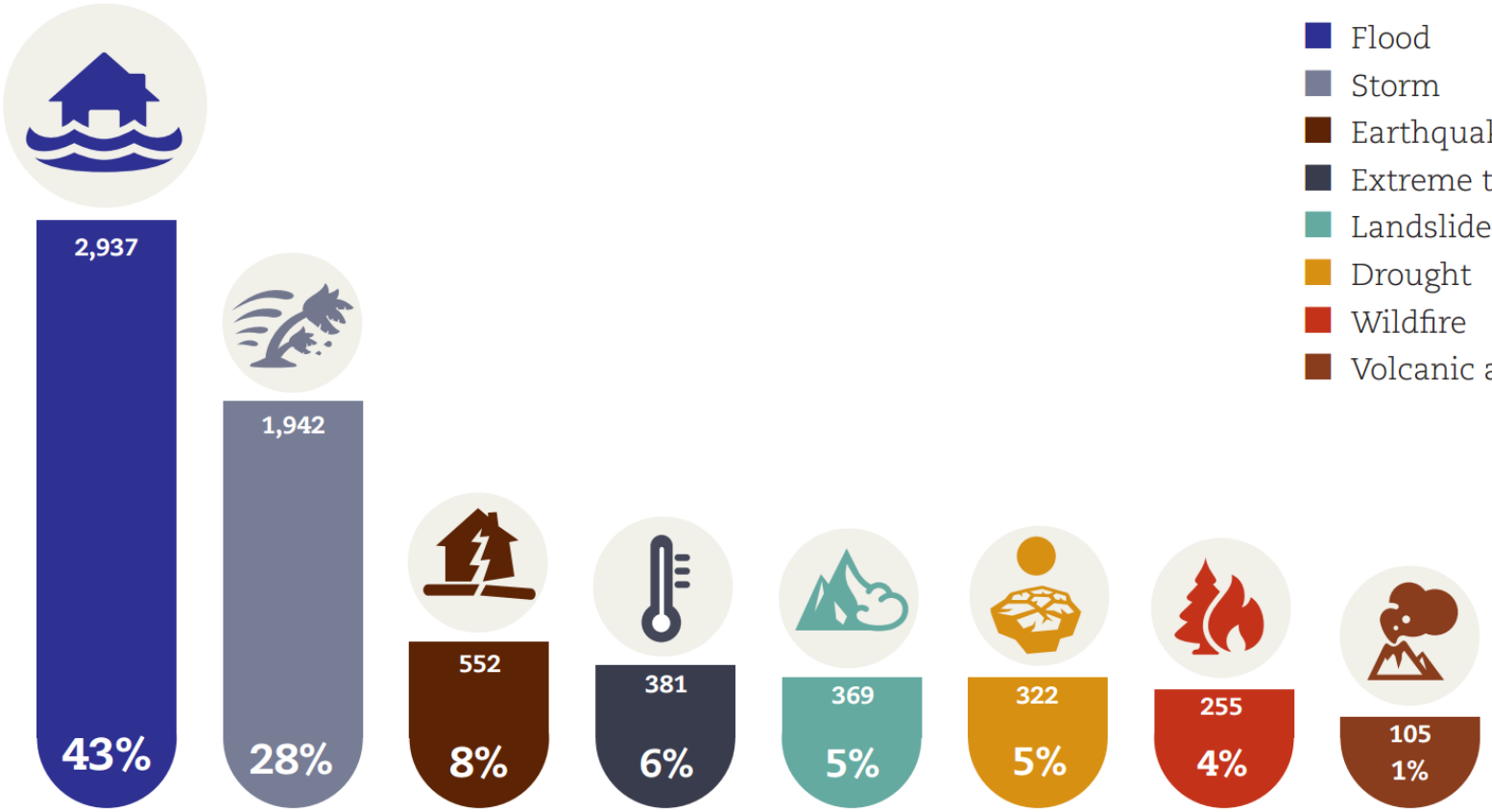

GLOBAL DISASTERS
1994-2013
CRED

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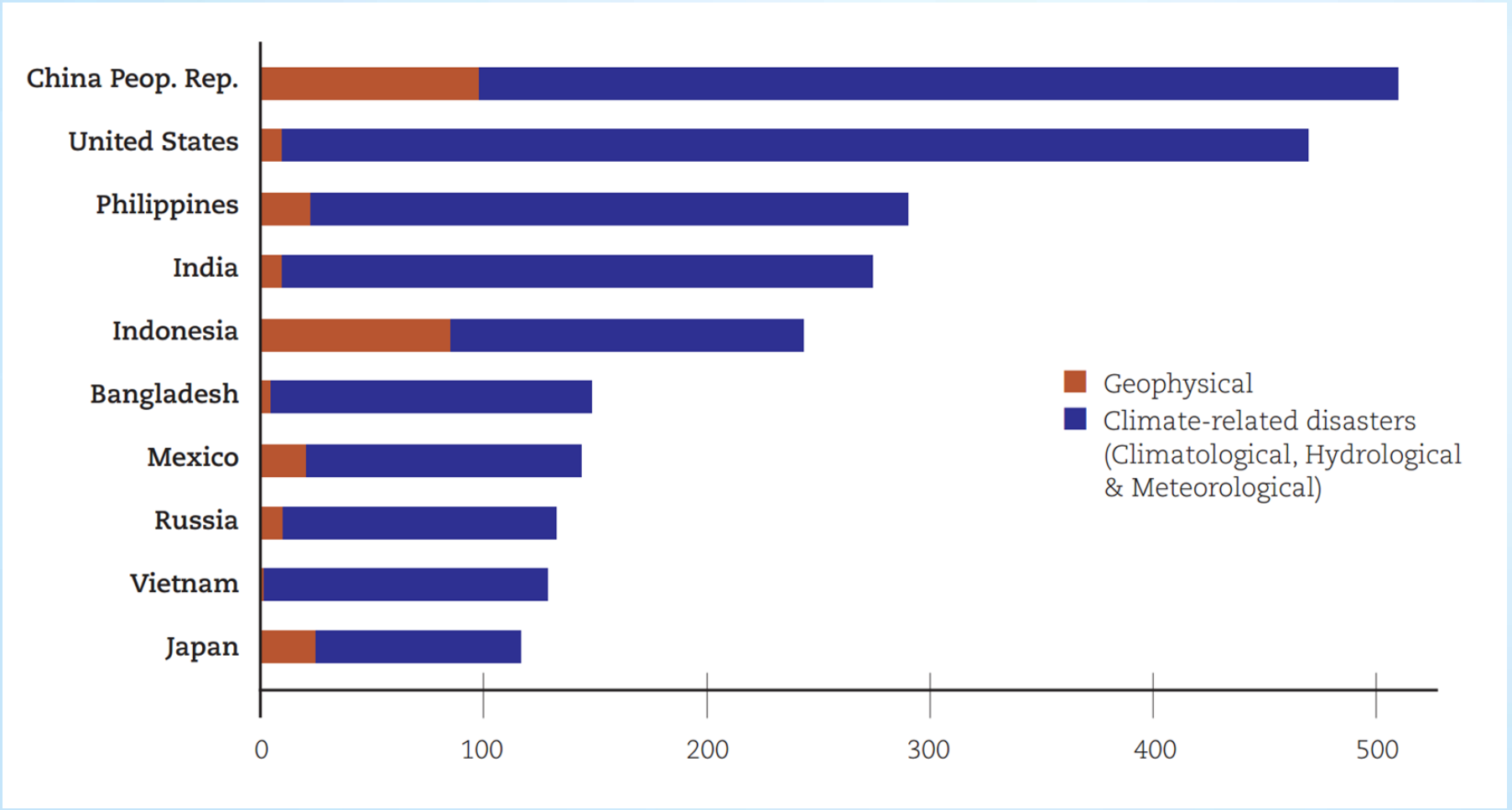

10 MOST DISASTER - AFFECTED COUNTRIES 1994-2013

CRED

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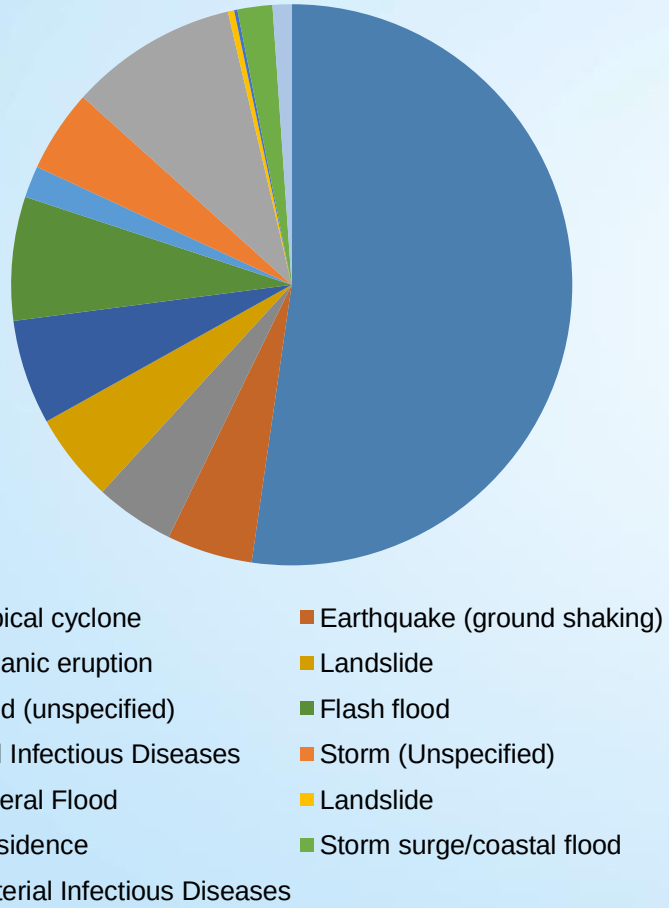

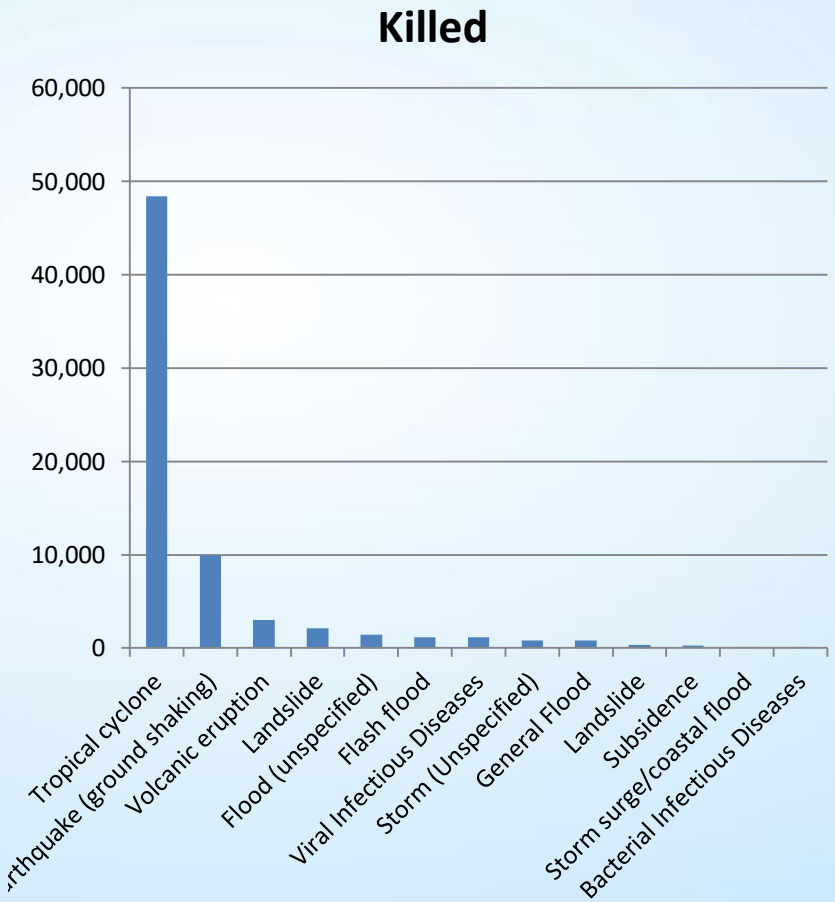

PHILIPPINE DISASTERS
1901-2014

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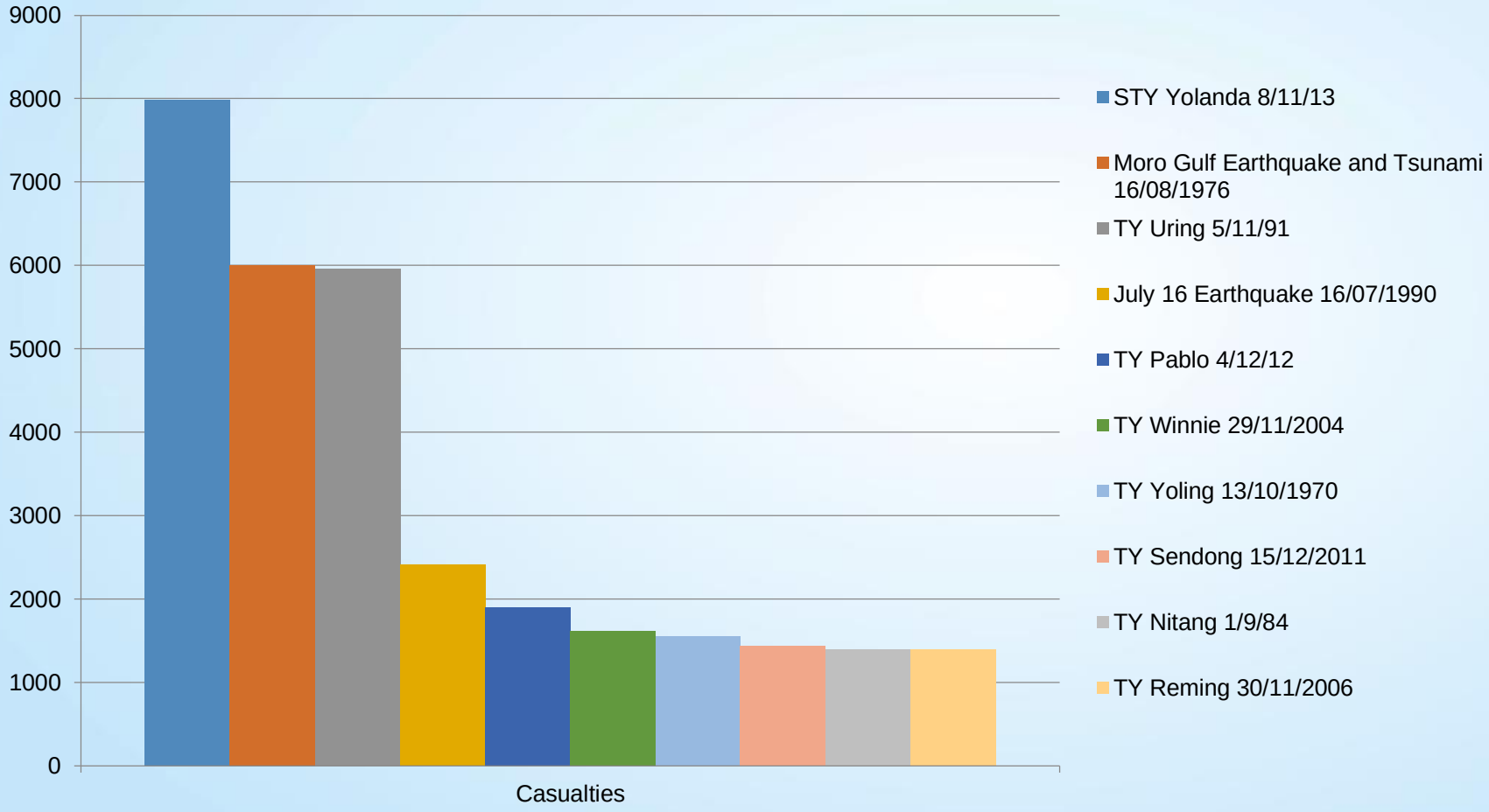

TOP 10 PHILIPPINE DISASTERS OCCURRED IN THE LAST TWO DECADES

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NEW NORMAL

Weather patterns have changed and natural events are

Bigger.
Stronger
Harder.

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PREDICTIVE ANALYTICS

FOR HUMANITARIAN RESPONSE

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PREDICTIVE ANALYTICS

FOR HUMANITARIAN RESPONSE

PREDICTION
forecast

ANALYSIS
detailed examination

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PREDICTIVE ANALYTICS

FOR HUMANITARIAN RESPONSE

making predictions on potential disaster events to prepare humanitarian response using mathematical theories, scientific processes, and spatial technologies based on current and historical data

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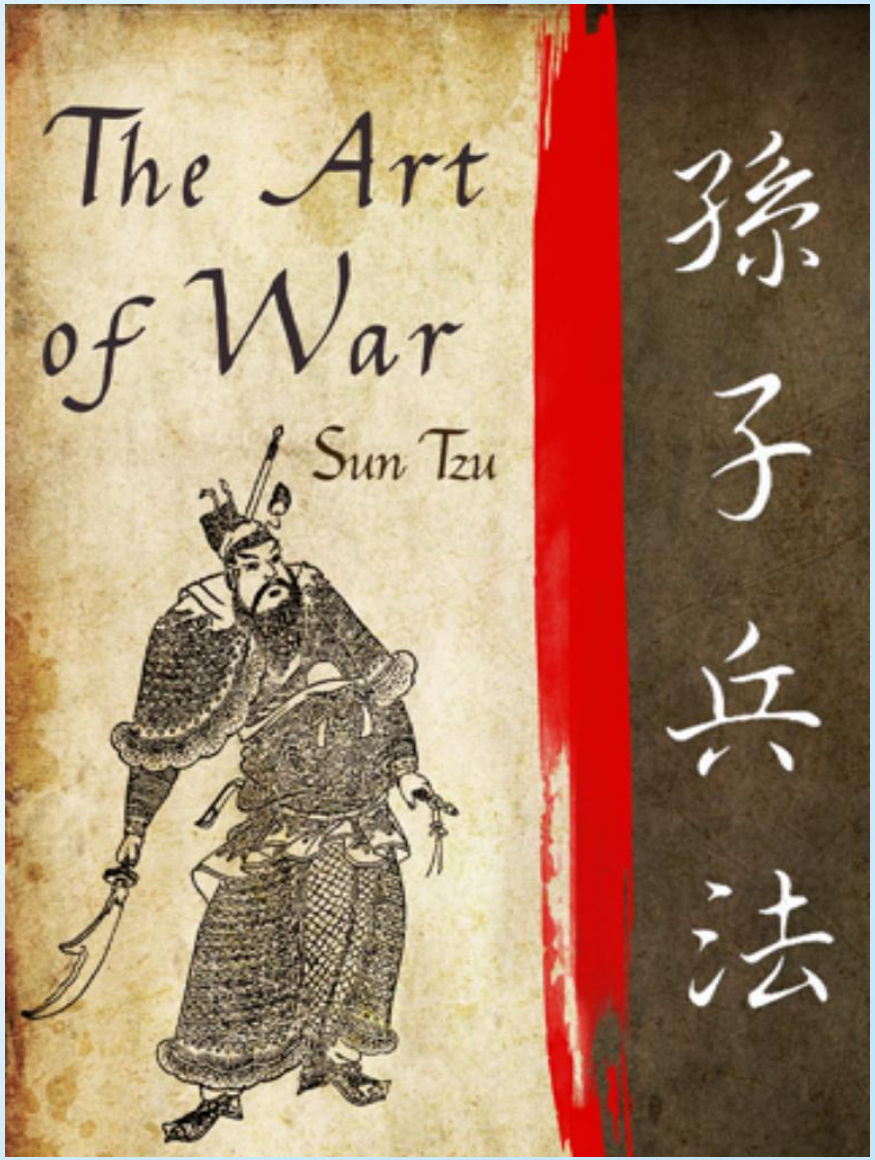
Know your enemy,
and know yourself.
And in a hundred battles,
you will not perish.

Sun Tzu



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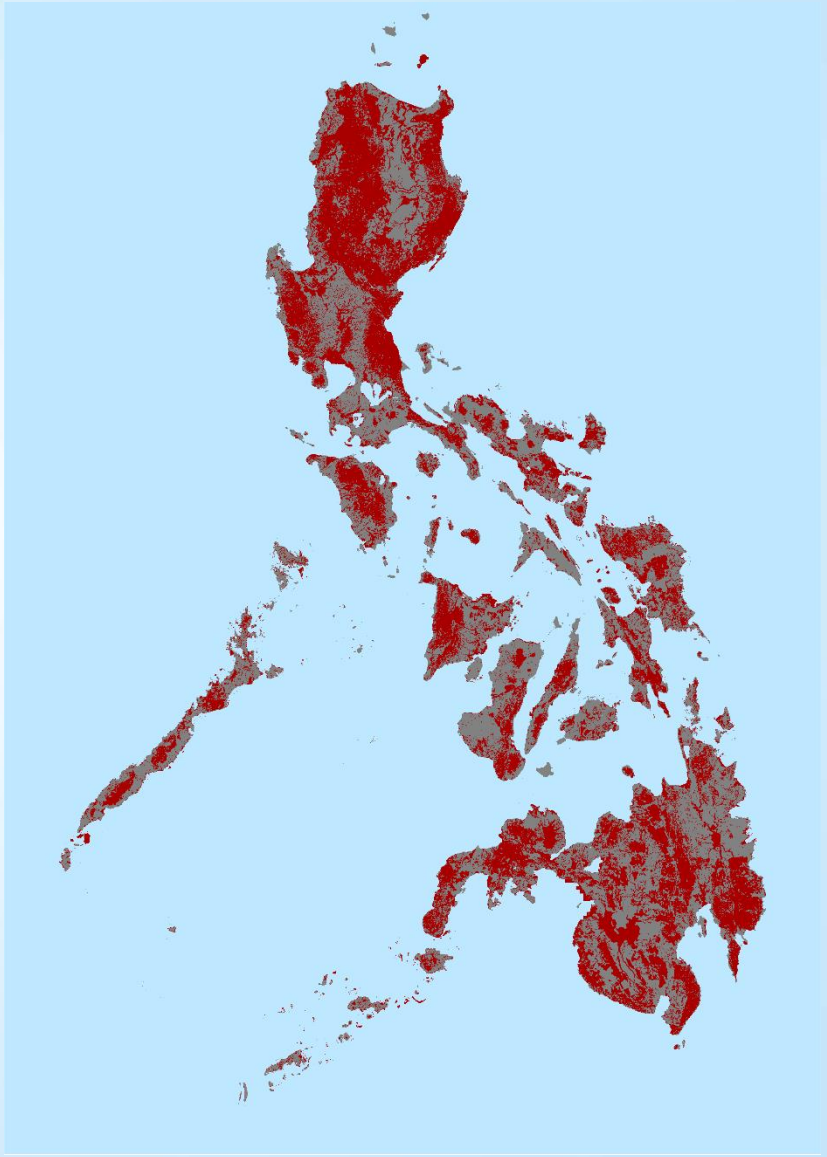
GEOHAZARDS

(DENR-MGB, DOST-PROJECT NOAH, DOST-PAGASA)



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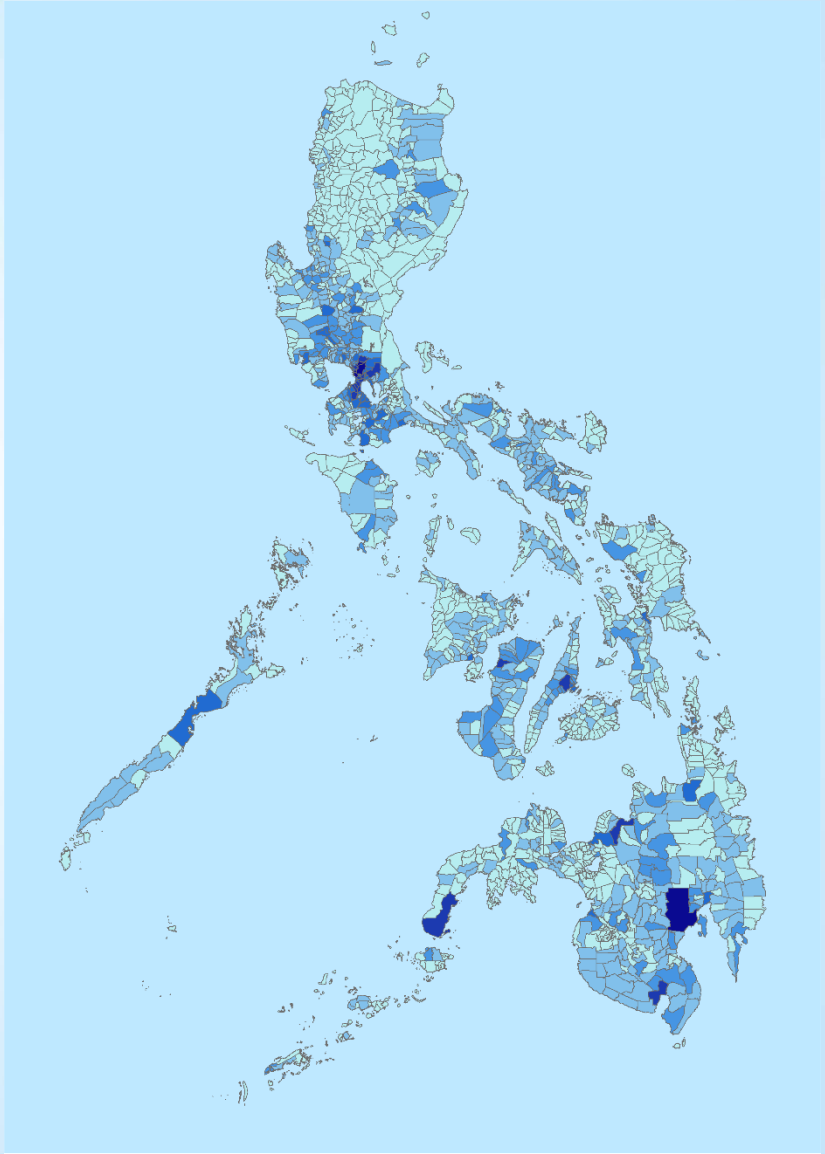
POPULATION AND POOR POPULATION

(PSA & DSWD)



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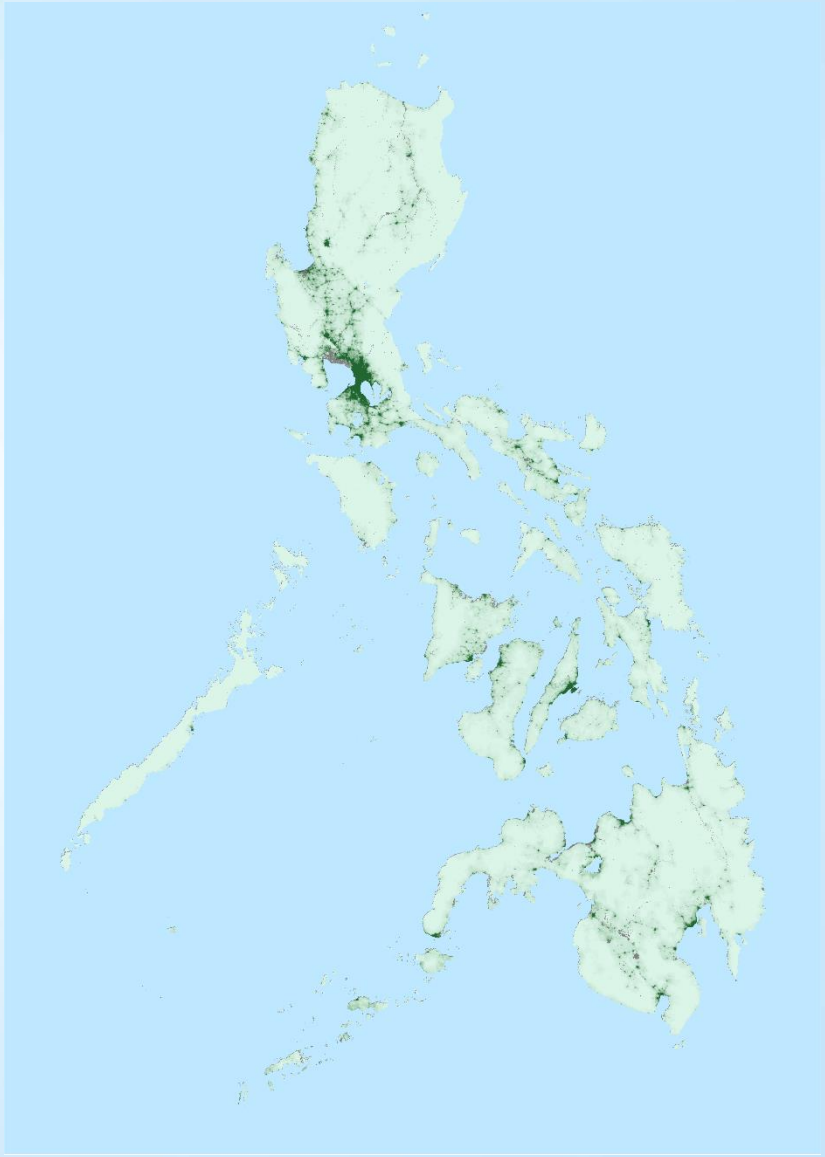
POPULATION DISTRIBUTION



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DISASTER IMAGINATION

PREPARE TO RESPOND!

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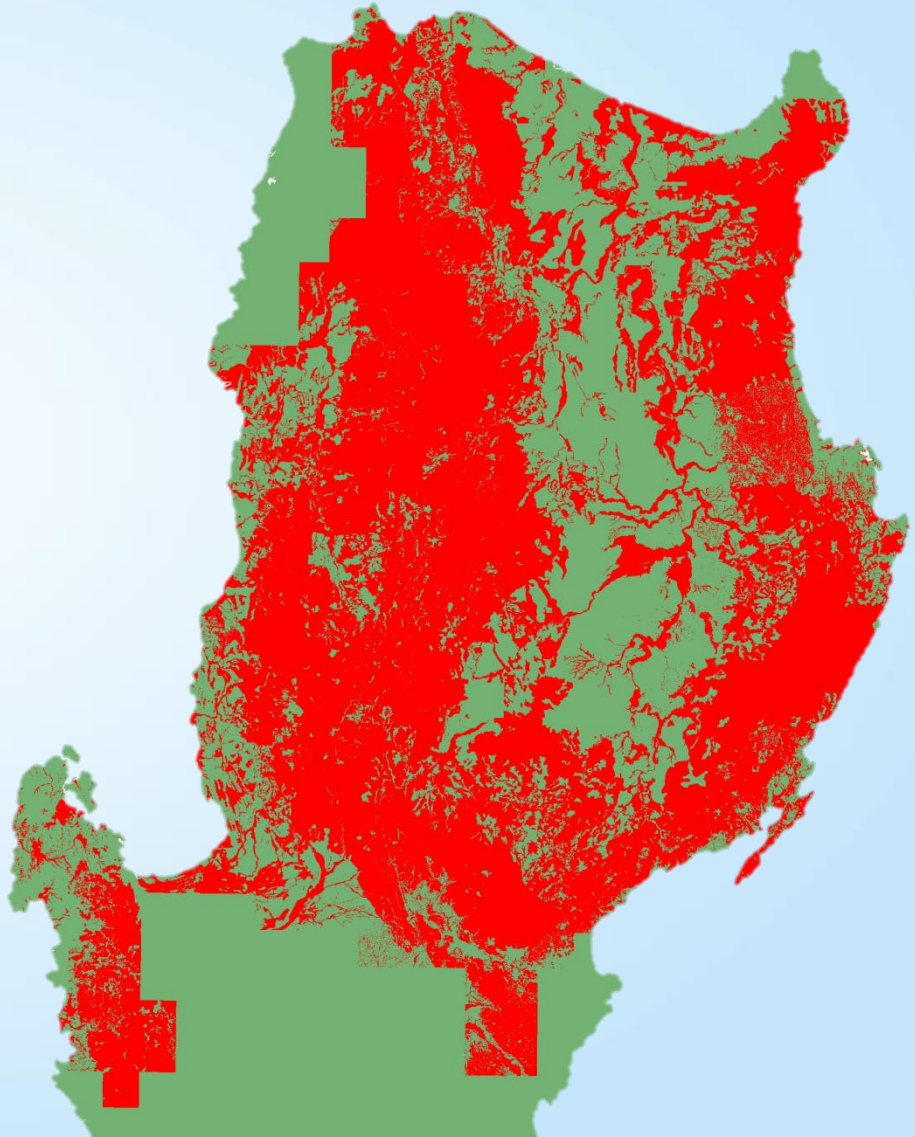
#LawinPH

REGIONS WITH MORE THAN 100mm ACCUMULATED RAINFALL FOR THE NEXT 72 HOURS AND THE **POPULATION** EXPOSED

REGION	POPULATION (PSA)	FFPs REQUIRED	FFPs COST (@ PHP 360.00)
GRAND TOTAL	**6,776,255**	**1,355,251**	**487,890,360.00**
CAR	2,149,108	429,822	154,735,776.00
REGION I	2,052,968	410,594	147,813,696.00
REGION II	2,178,043	435,609	156,819,096.00
REGION III	396,136	79,227	28,521,792.00



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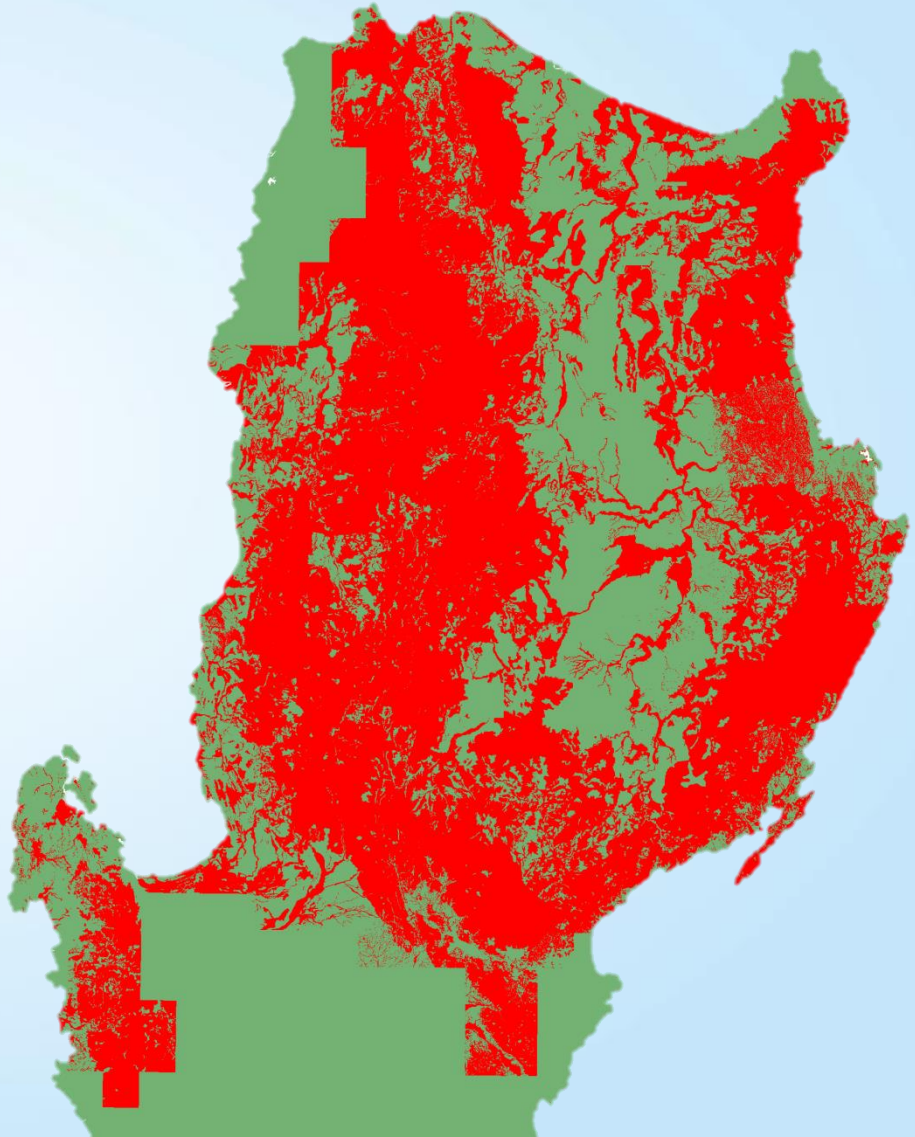
#LawinPH

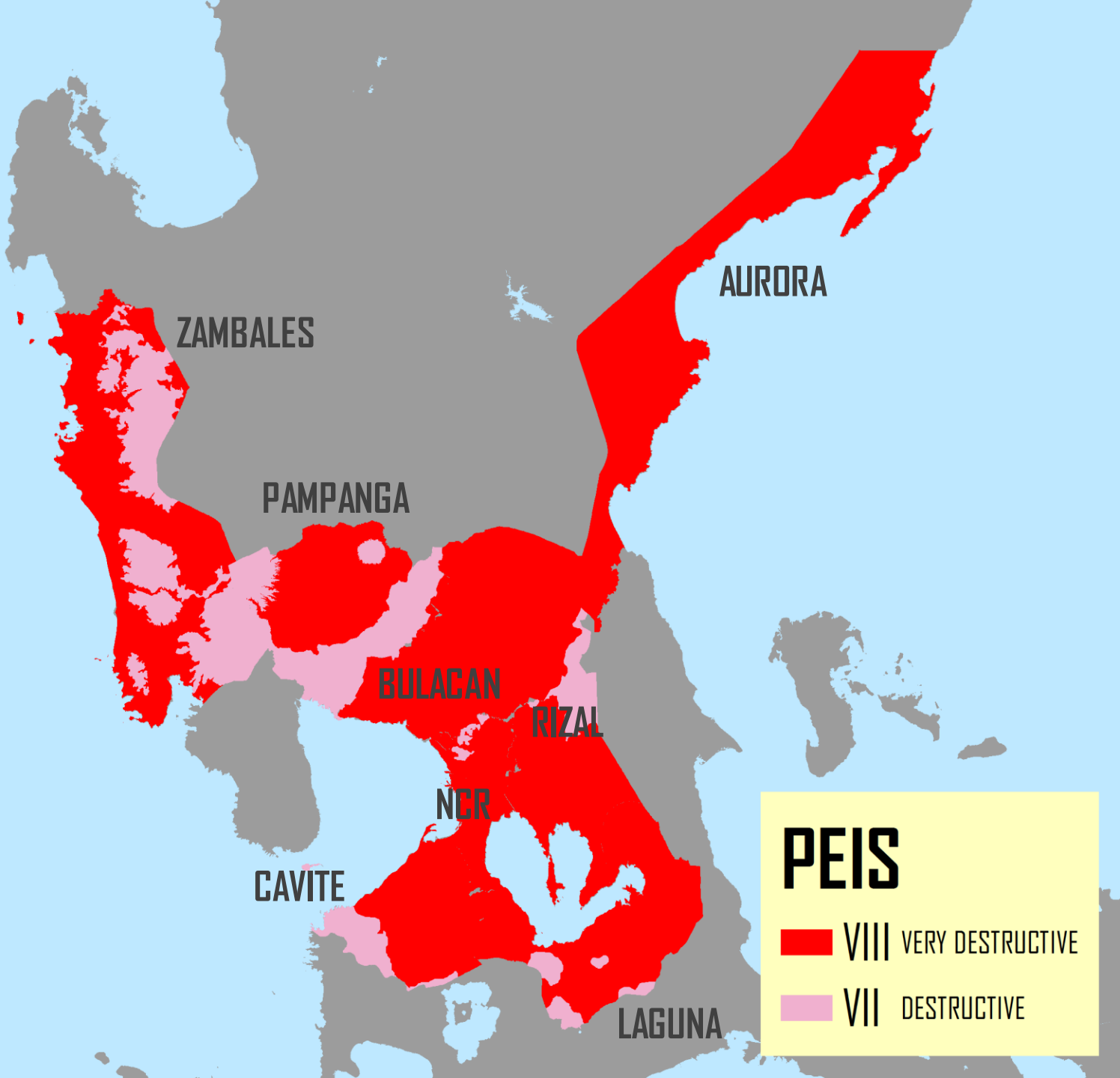
REGIONS WITH MORE THAN 100mm ACCUMULATED RAINFALL FOR THE NEXT 72 HOURS AND THE **POOR FAMILIES** EXPOSED

REGION	POOR FAMILIES (DSWD)	FFPs REQUIRED	FFPs COST (@ PHP 360.00)
GRAND TOTAL	**293,722**	**293,722**	**105,739,920.00**
CAR	86,706	86,706	31,214,160.00
REGION I	80,646	80,646	29,032,560.00
REGION II	109,075	109,075	39,267,000.00
REGION III	17,295	17,295	6,226,200.00



GROUND SHAKING

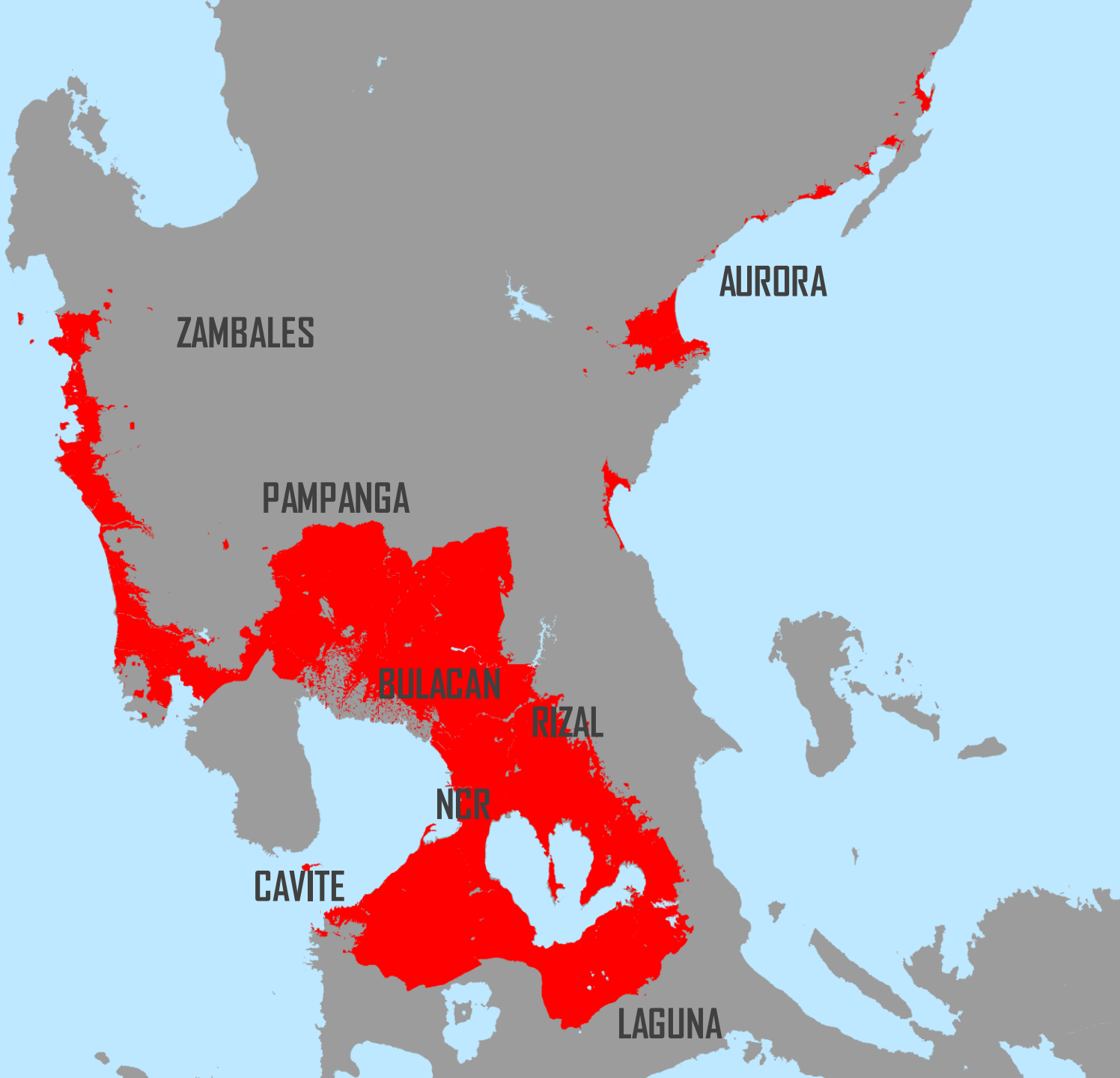
WHERE AND HOW HIGH IS THE HAZARD?



SOURCE: PHIVOLCS GMMA-Ready Project

GROUND SHAKING

WHERE ARE THE EXPOSED?

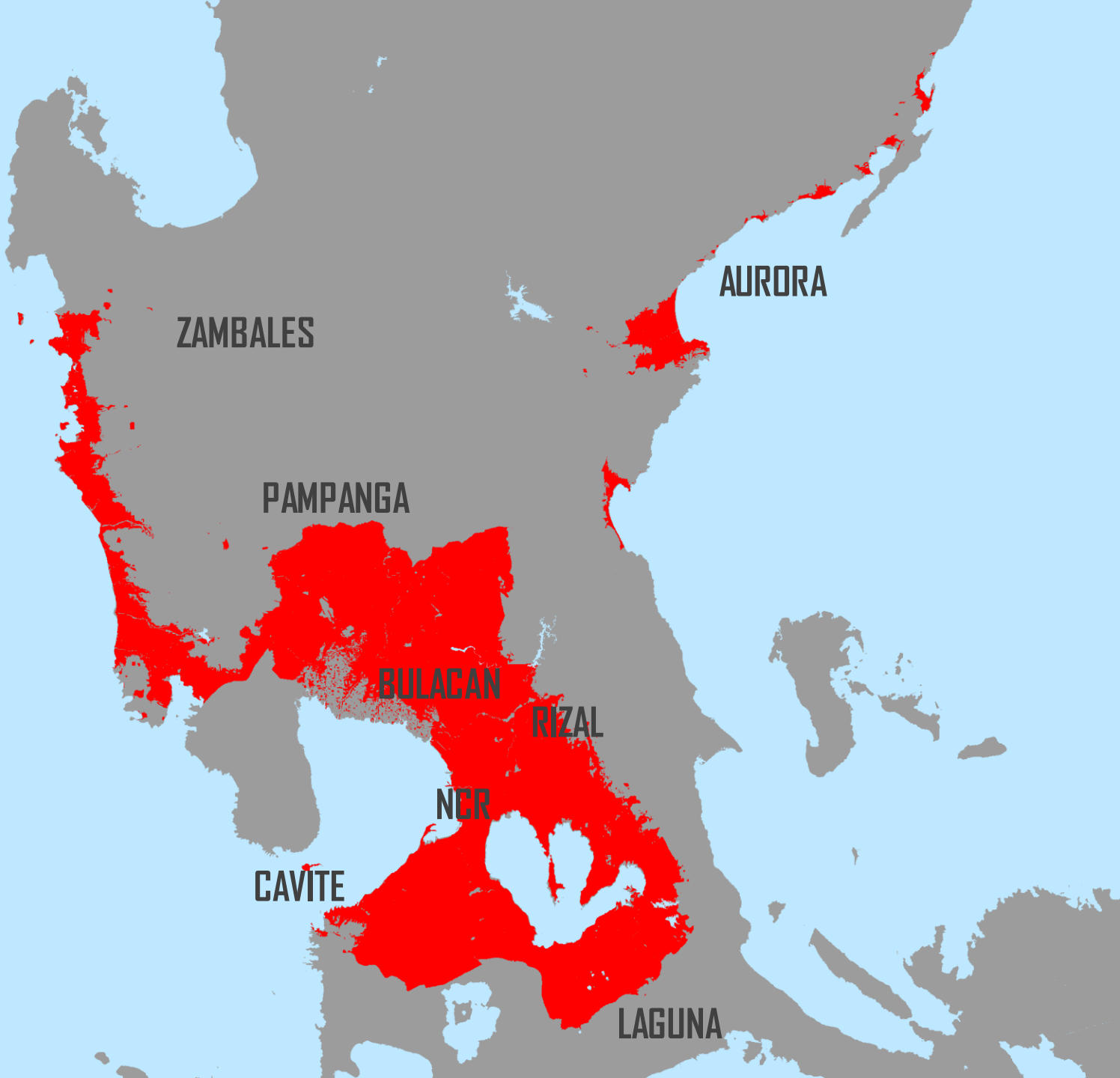


DSWD PAHR ON THE BIG ONE

GROUND SHAKING

HOW MANY ARE EXPOSED?

PROVINCE	FAMILIES	POOR FAMILIES
GRAND TOTAL	**5,828,967**	**179,176**
NCR	2,570,188	83,946
CAVITE	732,983	13,092
BULACAN	646,909	14,436
LAGUNA	597,557	12,672
RIZAL	569,369	8,627
PAMPANGA	514,481	24,445
ZAMBALES	156,681	12,931
AURORA	40,799	9,027

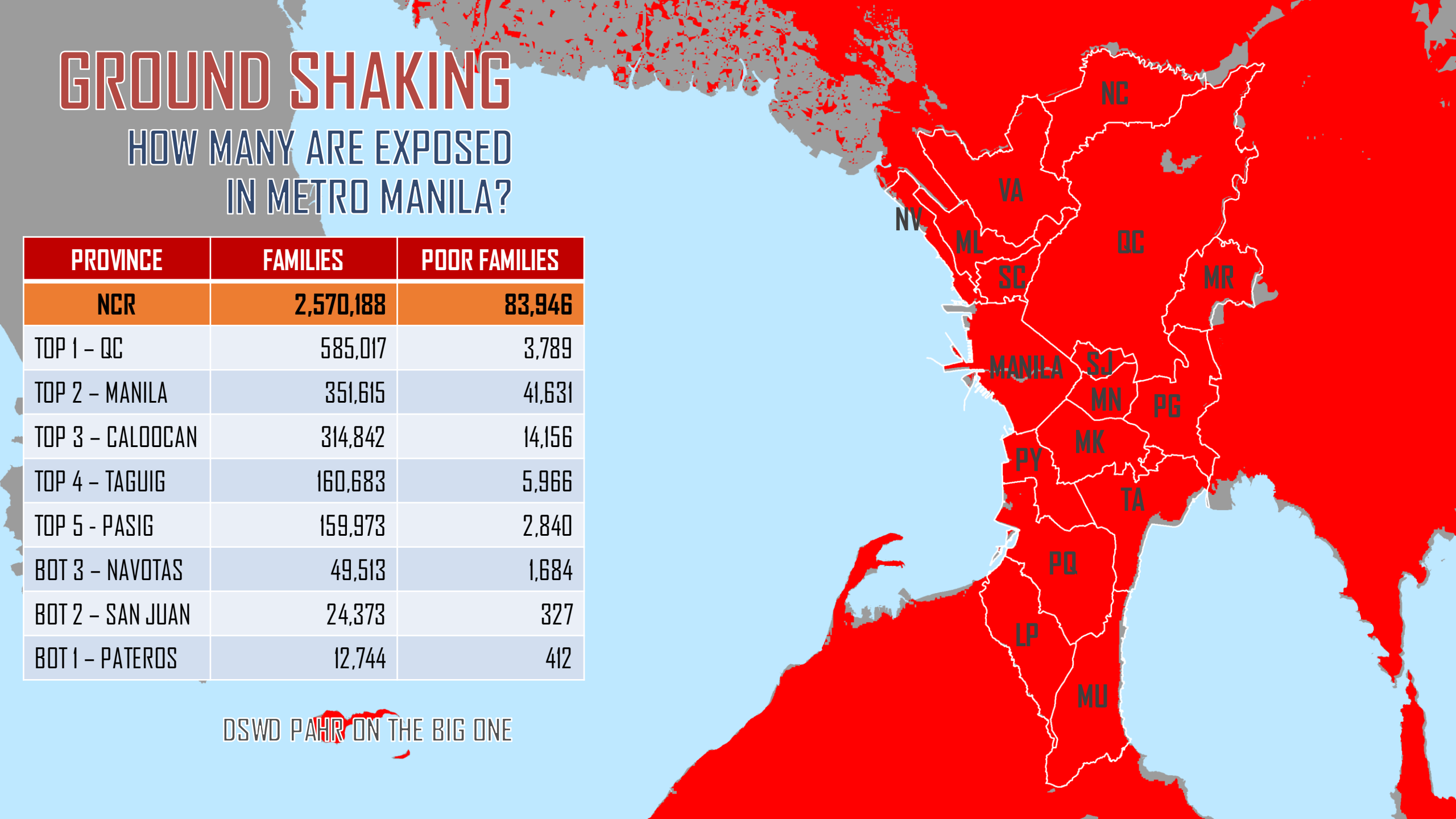


DSWD PAHR ON THE BIG ONE

GROUND SHAKING

HOW MANY ARE EXPOSED IN METRO MANILA?

PROVINCE	FAMILIES	POOR FAMILIES
NCR	**2,570,188**	**83,946**
TOP 1 – QC	585,017	3,789
TOP 2 – MANILA	351,615	41,631
TOP 3 – CALOOCAN	314,842	14,156
TOP 4 – TAGUIG	160,683	5,966
TOP 5 - PASIG	159,973	2,840
BOT 3 – NAVOTAS	49,513	1,684
BOT 2 – SAN JUAN	24,373	327
BOT 1 – PATEROS	12,744	412



DSWD PAHR ON THE BIG ONE

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GROUND SHAKING

RELIEF REQUIREMENTS

PROVINCE	FAMILIES	FAMILY FOOD PACKS (@PHP360.00)
GRAND TOTAL	**5,828,967**	**2,098,428,120.00**
NCR	2,570,188	925,267,680.00
CAVITE	732,983	263,873,880.00
BULACAN	646,909	232,887,240.00
LAGUNA	597,557	215,120,520.00
RIZAL	569,369	204,972,840.00
PAMPANGA	514,481	185,213,160.00
ZAMBALES	156,681	56,405,160.00
AURORA	40,799	14,687,640.00

5.8M FFP

PHP 2.1B

FIRST 2 DAYS

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GROUND SHAKING

RELIEF REQUIREMENTS (POOR)

PROVINCE	POOR FAMILIES	FAMILY FOOD PACKS (@PHP360.00)
GRAND TOTAL	**179,176**	**64,503,360.00**
NCR	83,946	30,220,560.00
CAVITE	13,092	4,713,120.00
BULACAN	14,436	5,196,960.00
LAGUNA	12,672	4,561,920.00
RIZAL	8,627	3,105,720.00
PAMPANGA	24,445	8,800,200.00
ZAMBALES	12,931	4,655,160.00
AURORA	9,027	3,249,720.00

84K FFP

PHP 64.5M

FIRST 2 DAYS

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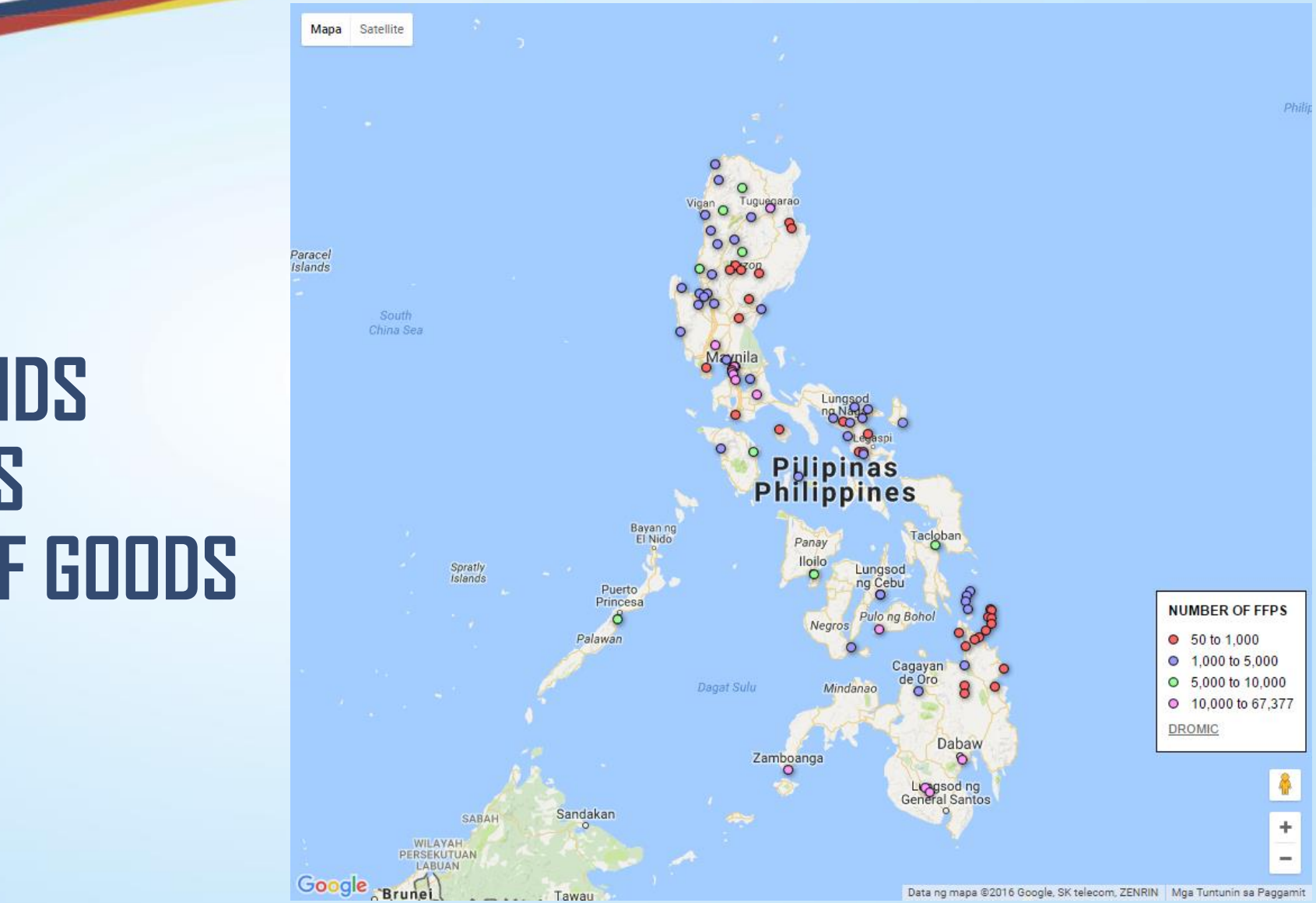
STANDBY FUNDS
STOCKPILES
PREPOSITIONING OF GOODS



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NEXT STEP >>>

PREDICTIVE ANALYTICS
FOR HUMANITARIAN RESPONSE
VERSION 3.0

machine learning tool that makes predictions on potential disaster events to prepare humanitarian response using mathematical theories, scientific processes, and spatial technologies based on current and historical data

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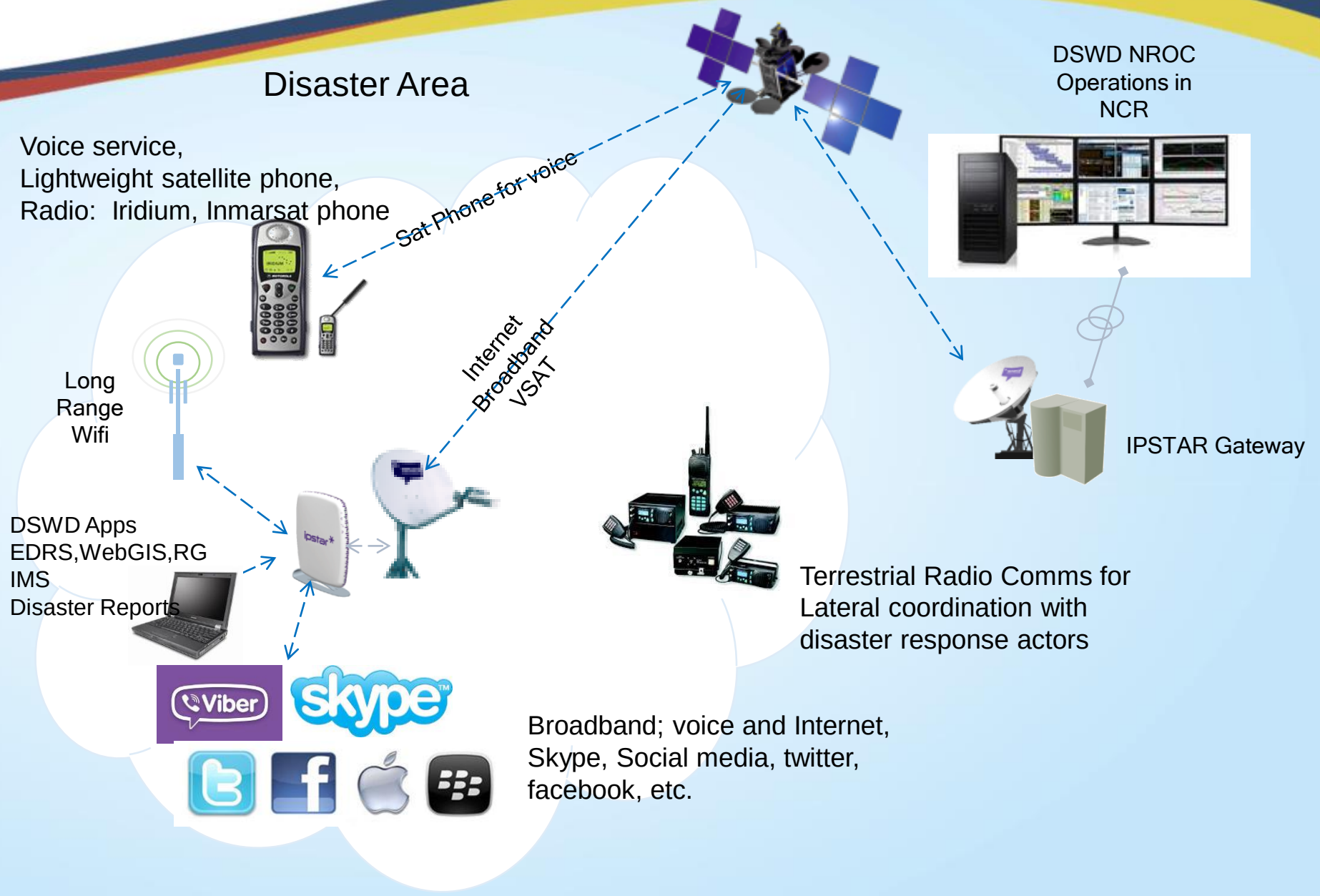
RAPID EMERGENCY TELECOMMUNICATIONS
DSWD



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TARGETED
INFORMATION-BASED
EFFICIENT
DISASTER RESPONSE

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THANK YOU!

VISIT US AT OUR VIRTUAL OPERATIONS CENTER:

DROMIC.DSWD.GOV.PH