

# The National Rabies Prevention and Control Program - Philippines



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# Introduction



## The PHILIPPINES

### 3 Island Groups

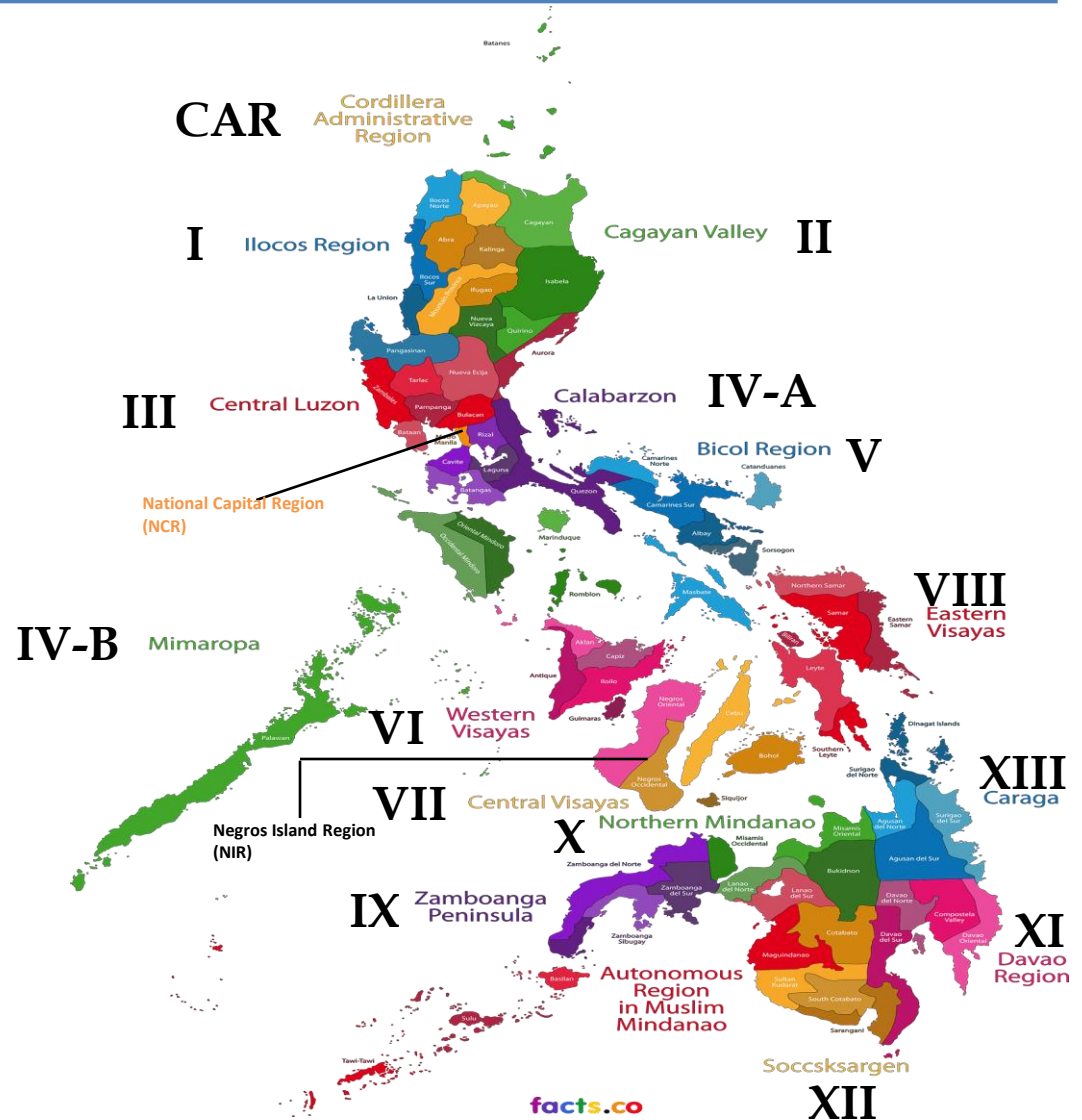
Luzon (north)

Visayas (central)

Mindanao (south)

### 18 Administrative Regions

No. of Provinces	81
No. of Cities	145
No of Municipalities	1,489
No. of Barangays	42,036





# The National Rabies Prevention and Control Committee (NRPCC)

## NATIONAL RABIES PREVENTION AND CONTROL COMMITTEE (NRPCC)

**CHAIR**

**Bureau of Animal Industry**  
*Department of Agriculture (DA)*

**VICE-CHAIR**

**Disease Prevention and Control Bureau**  
*Department of Health (DOH)*

**MEMBERS**

**DA-  
RFO**

**DOH-  
RO**

**Department of  
Interior and Local  
Government  
(DILG)**

**Department  
of Education  
(DepED)**

- *Department of Environment and Natural Resources*
- *Non-Government Organizations*
- *People's Organizations*
- *Academe*
- *Local Government Units*
- *Provincial, City and Municipal Veterinarians League of the Philippines (PCMVLV)*



# National Rabies Prevention and Control Program

## Component Activities

- 1) Mass Registration and Vaccination of dogs
- 2) Dog Population Control (Neutering)
- 3) Establishment of Central Database System for registered and vaccinated dogs
- 4) Impounding, Field control and Disposition of unregistered, stray and unvaccinated dogs
- 5) Conduct of Information and Education Campaign on the prevention and control of rabies (Schools & Dog walk, Poster Making Contest)



# National Rabies Prevention and Control Program

## Component Activities...

- 5) Provision on pre-exposure treatment to high-risk personnel and post-exposure treatment to animal bite victims
- 6) Provision of free routine immunization or Pre-Exposure Prophylaxis (PEP) of school children aged five to fourteen in areas where there is high incidence of rabies
- 7) Encouragement of the practice of responsible pet ownership (RPO)

# OPLAN RED

Operational Plan for Rabies Elimination in Dogs  
(Animal Rabies Medium Term Plan 2017 to 2022)

• MTP 2011 to 2016

• MTP 2017 to 2022

Governance

Service Delivery

Financing

Regulation

Health Information

Human Resource

Socio-Cultural

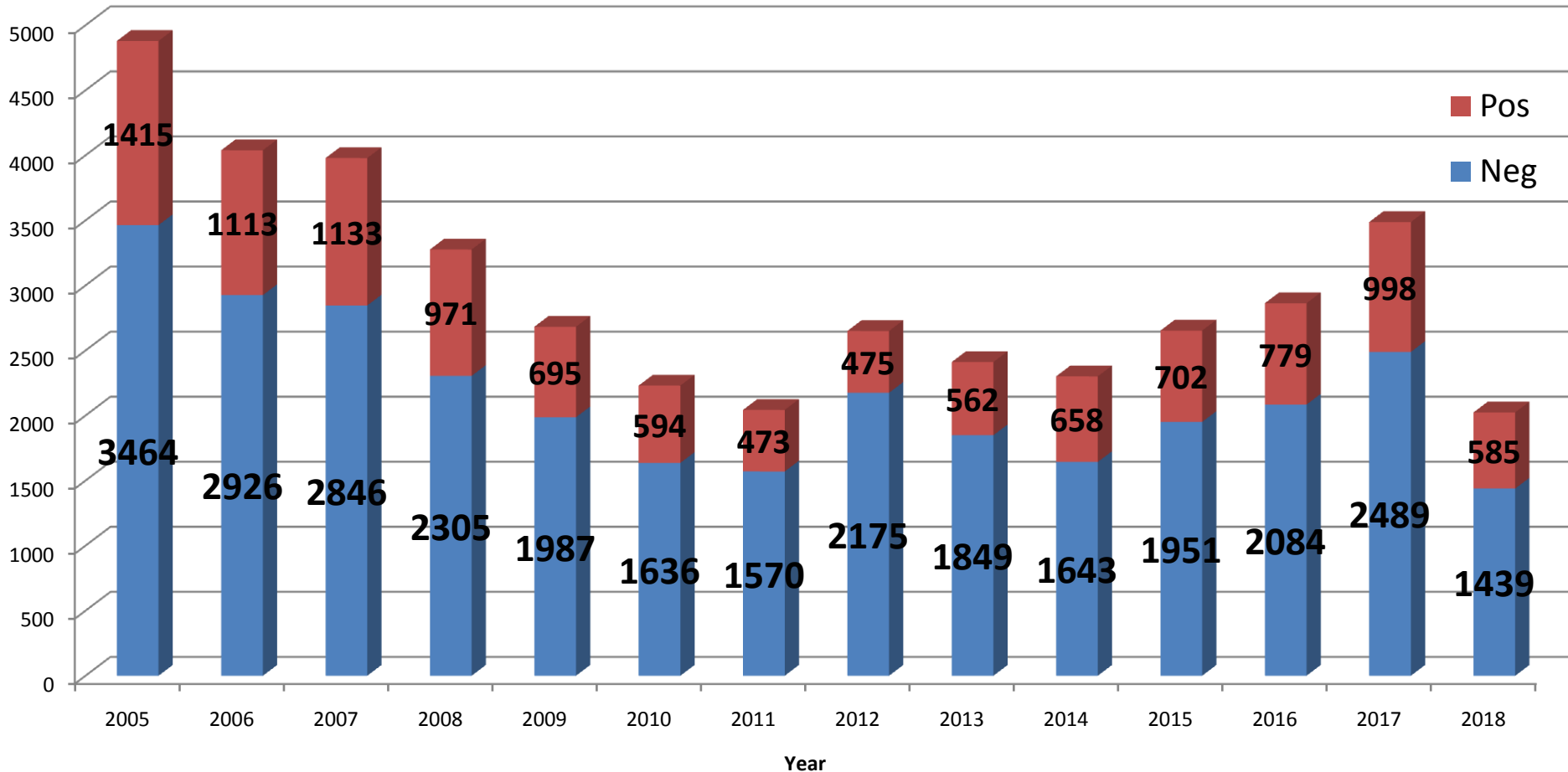
Technical

Organizational

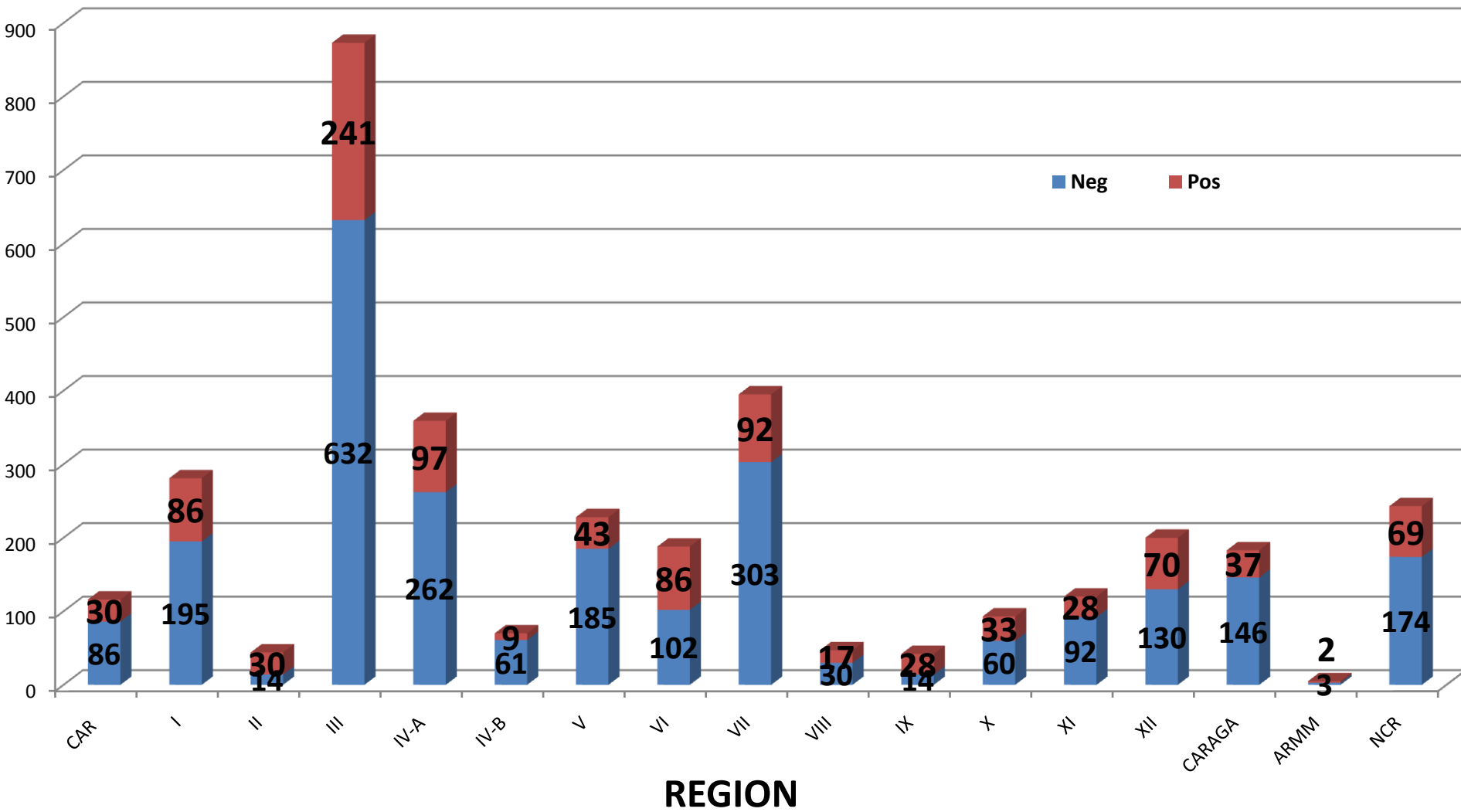
Political/Policy  
(Legislative)

Resource

# Animal Rabies Laboratory Data (Antigen Detection) 2005-2018



# Animal Rabies Laboratory Data (Antigen Detection) Per Region 2017





# Species Affected by Rabies in 2017

SPECIES	Positive
Canine	962
Feline	29
Caprine	2
Porcine	2
Bovine	1
Bubaline	1
Primate	1
Buffalo	0
Monkey	0
Murine	0

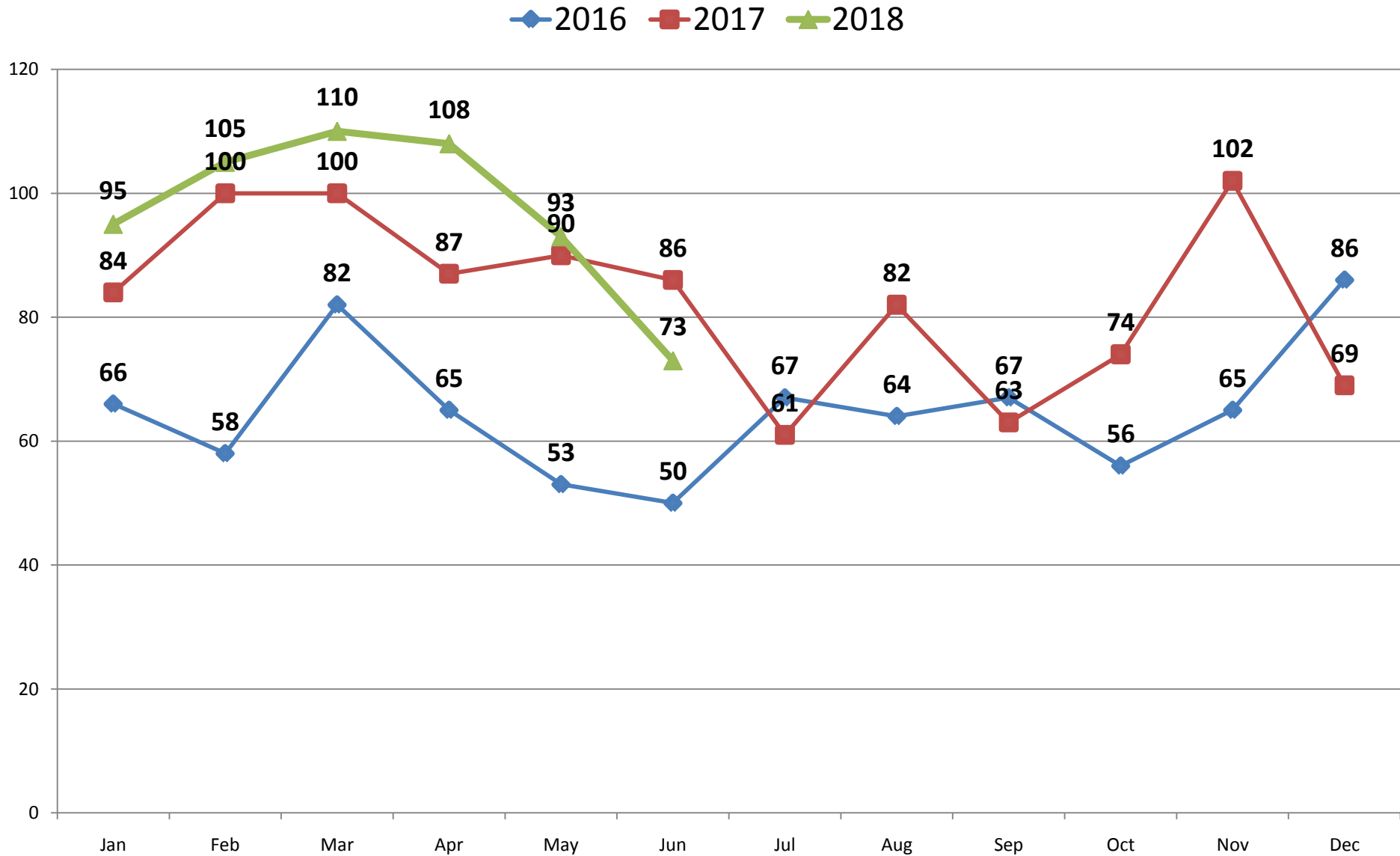
96% of positive are from canine samples

27% of rabies cases were not owned

86% of rabies cases were either free-roaming or occasionally roaming



# Temporal Distribution of Animal Rabies Cases



# Animal Rabies Case (1<sup>st</sup> Quarter)

	1 <sup>st</sup> Quarter		
	Positive	Negative	%
2017	284	602	32%
2018	310	799	28%

# Animal Rabies Case (2<sup>nd</sup> Quarter)

	2 <sup>nd</sup> Quarter		
	Positive	Negative	%
2017	263	696	27%
2018	274	638	30%

# Human Rabies\*

**2017**

Human Rabies Case:

121 (as of 26 May)

Animal bites: 132,000  
(Q1)

Rabies free areas:49

**2018**

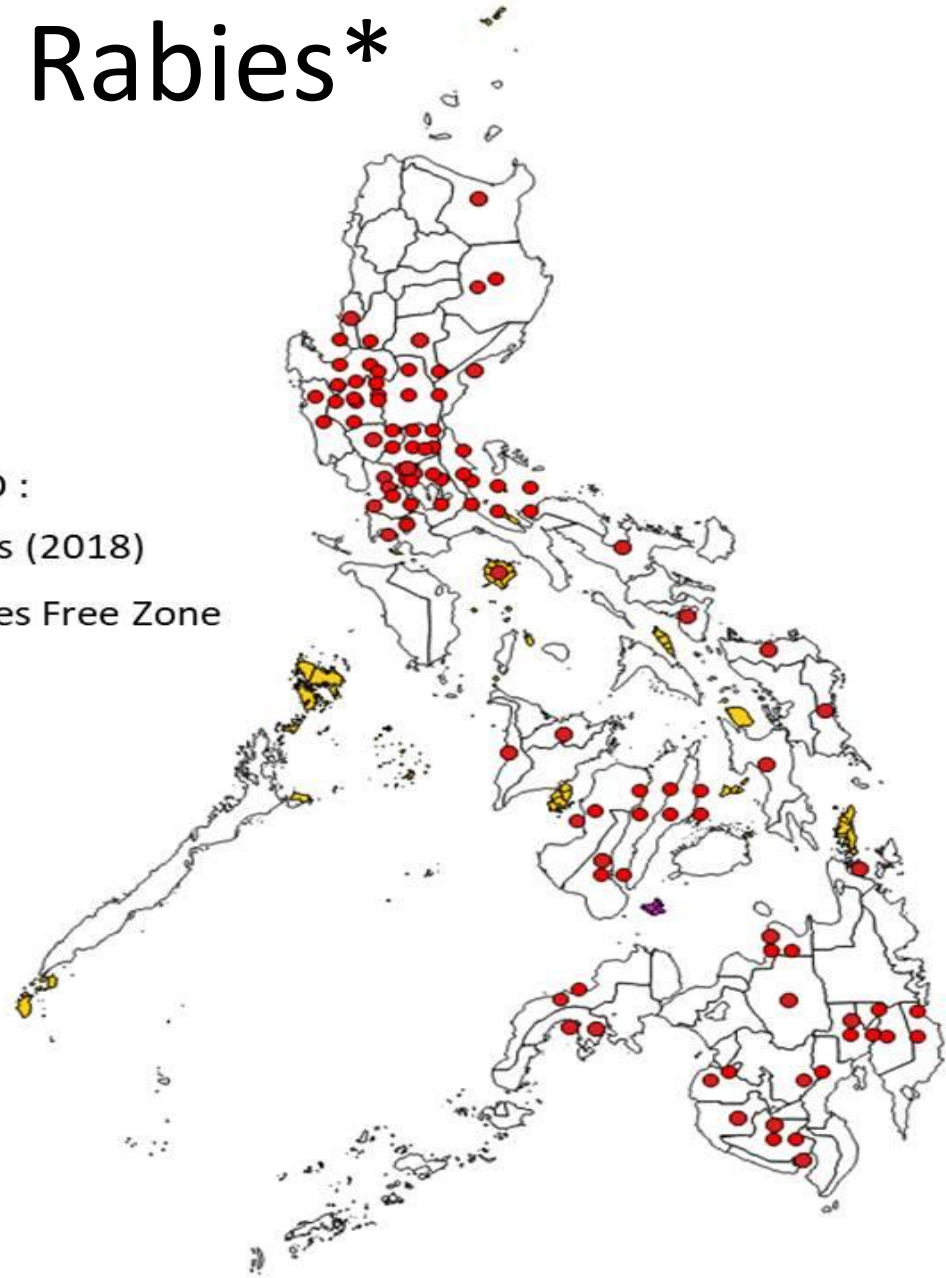
Human Rabies Case:

110 (as of 26 May)

Animal bites: 132,000  
(Q1)

Rabies free areas:49

LEGEND :  
● Cases (2018)  
■ Rabies Free Zone



\*c/o DOH

# Human Rabies

## Profile of cases reported in 2018 (N=10) Jan-May, 2018

- Age range: **3-82 years old (median 44 years old)**
- Sex distribution : **male : 85 (75%), Female: 28 (25%)**
- **Vaccination Status (Rabies vaccine)**
  - Not Vaccinated : 85 (77%)
  - Unknown Vaccination : 15 (14%)
  - Incomplete : 9 (8%)
  - Complete dose : 1 (1%)

# Top Provinces and Cities with Animal Rabies Cases for 2017

PROVINCES		MUNICIPALITY/CITY	
	CASES		CASES
PAMPANGA	102	GENERAL SANTOS CITY	36
CEBU	82	CEBU CITY	23
PANGASINAN	71	DAVAO CITY	22
ILOILO	50	ZAMBOANGA CITY	20
SOUTH COTABATO	48	ANGELES CITY	19
ZAMBALES	46	QUEZON CITY	17
BULACAN	29	OLONGAPO CITY	16
LAGUNA	29	MANDAUE CITY	12
BATAAN	27	MAGALANG	12
NUEVA ECIJA	26	LAMBUNAO	12
CAVITE	26	LINGAYEN	11

## Top Provinces and Cities with Animal Rabies Cases as June 2018

PROVINCES		MUNICIPALITY/CITY	
	CASES		CASES
PAMPANGA	56	DAVAO CITY	18
ILOILO	49	SAN FERNANDO CITY	12
PANGASINAN	39	ZAMBOANGA CITY	12
CEBU	32	SANTA BARBARA	12
CAVITE	24	BUTUAN CITY	11
NEGROS OCCIDENTAL	21	CEBU CITY	9
DAVAO DEL SUR	18	QUEZON CITY	9
NUEVA ECIJA	17	HIMAMAYLAN CITY	9
BULACAN	16	SORSOGON CITY	9
AGUSAN DEL NORTE	16	GENERAL SANTOS CITY	8
ZAMBALES	15	KALOOKAN CITY	8



# Animal Rabies Cases

## National Capital Region (2017)

NCR CITY	CASES
QUEZON CITY	17
LAS PIÑAS CITY	10
MARIKINA CITY	9
KALOOKAN CITY	8
PASIG CITY	5
MANDALUYONG CITY	5
MUNTINLUPA CITY	4
VALENZUELA CITY	3
PASAY CITY	2
PARAÑAQUE CITY	2
TAGUIG CITY	0
MAKATI CITY	0
MALABON CITY	0



# Animal Rabies Cases

## National Capital Region (June 2018)

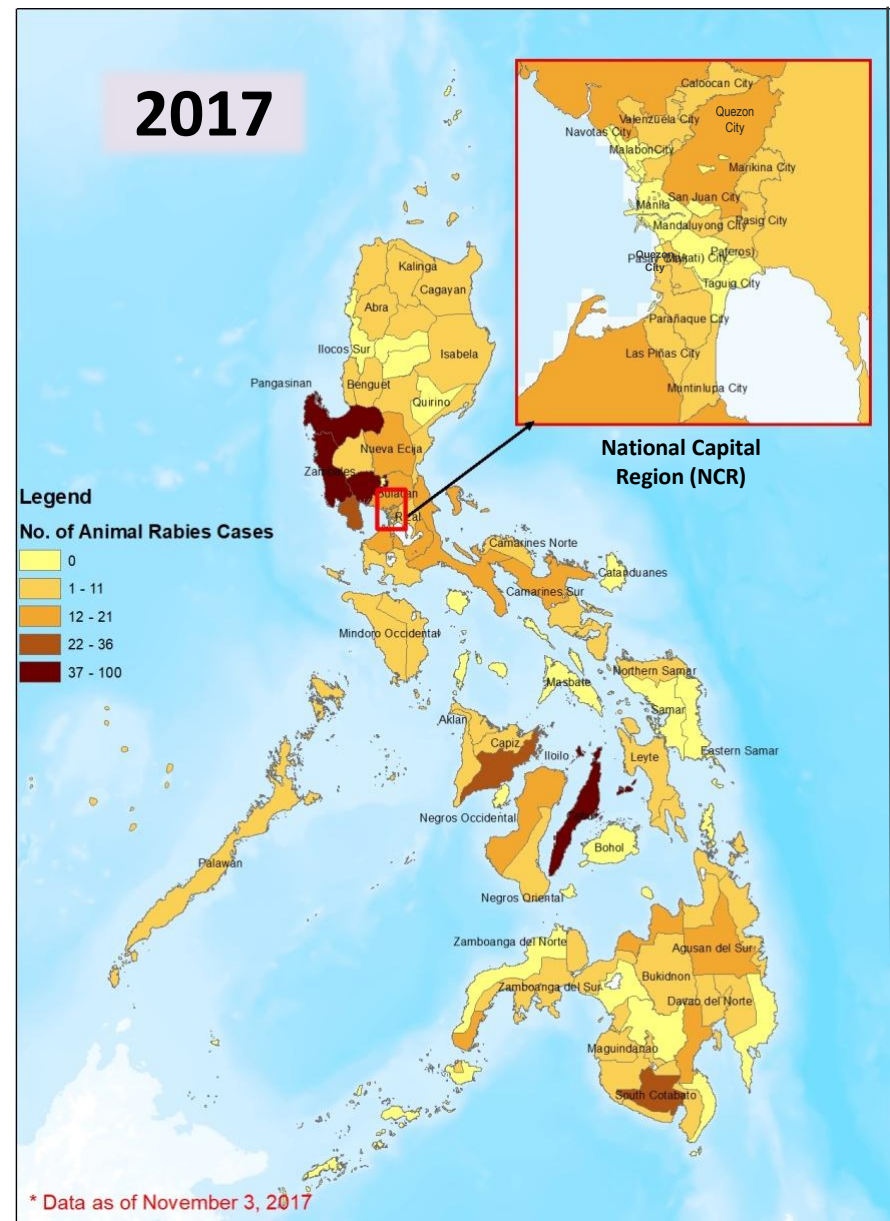
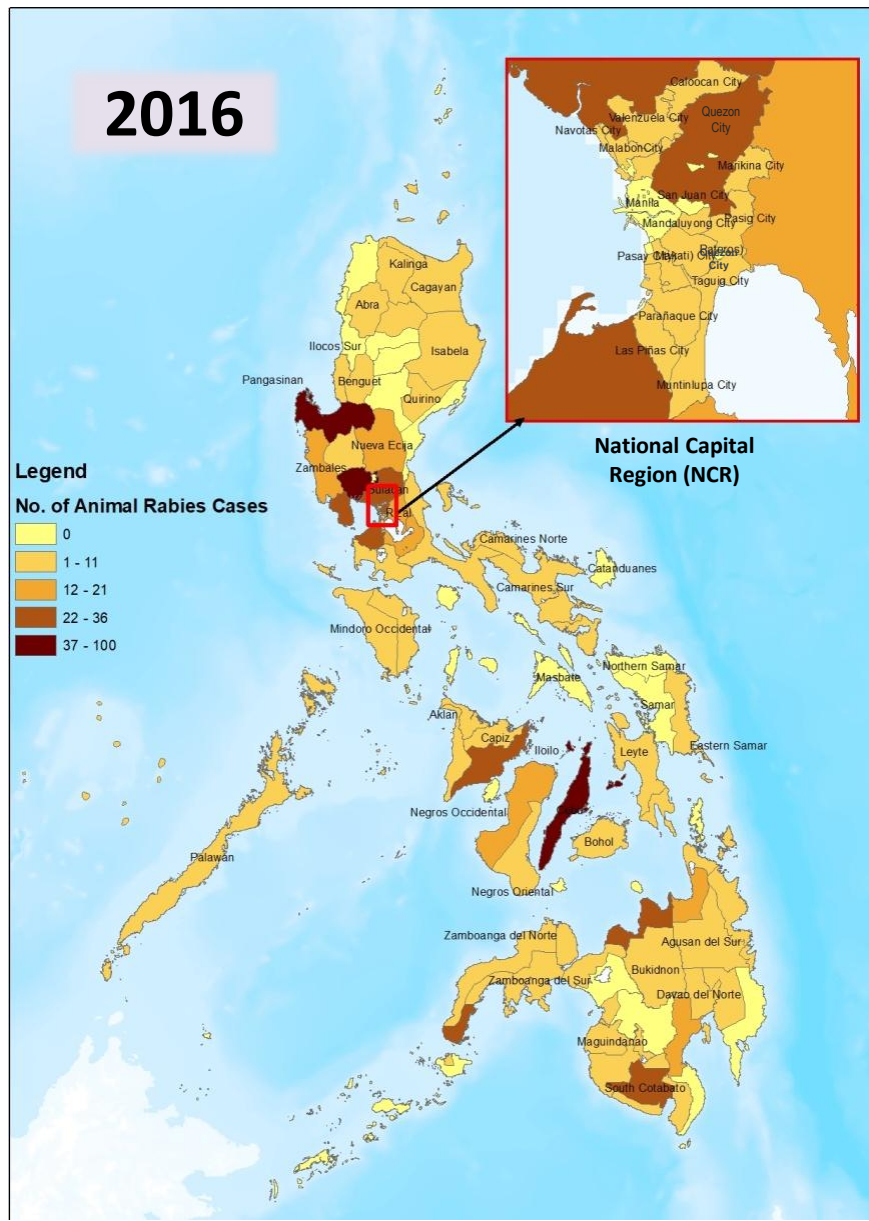
NCR CITY	CASES
QUEZON CITY	9
KALOOKAN CITY	8
LAS PIÑAS CITY	4
PARAÑAQUE CITY	2
PASIG CITY	2
MANDALUYONG CITY	2
MANILA	2
MARIKINA CITY	2
TAGUIG CITY	1
NAVOTAS	1
MAKATI CITY	1
MUNTINLUPA CITY	1
PASAY CITY	0
VALENZUELA CITY	0
MALABON CITY	0



# Animal Rabies Cases in the NCR (2014-2018)

NCR CITY	2014	2015	2016	2017	2018
QUEZON CITY	26	24	25	17	9
LAS PIÑAS CITY	9	6	8	10	4
MARIKINA CITY	15	4	10	9	2
KALOOKAN CITY	11	4	10	8	8
PASIG CITY	3	5	1	5	2
MANDALUYONG CITY	0	0	2	5	2
MUNTINLUPA CITY	5	1	11	4	1
VALENZUELA CITY	0	0	1	3	0
PASAY CITY	1	2	1	2	0
PARAÑAQUE CITY	7	7	7	2	2
TAGUIG CITY	9	11	4	0	1
MAKATI CITY	6	3	2	0	1
MALABON CITY	5	0	2	0	0
SAN JUAN CITY	2	0	0	<i>No sample</i>	<i>No sample</i>
NAVOTAS CITY	0	0	1	<i>No sample</i>	1
MANILA	1	2	0	<i>No sample</i>	<i>No sample</i>
PATEROS	0	<i>No sample</i>	<i>No sample</i>	<i>No sample</i>	<i>No sample</i>

# Spatial distribution of animal rabies cases (by province)



# Vaccination Accomplishment per Region (2015-2017)

Region	2015	2016	2017
I	35.28%	34.14%	56.51%
II	63.69%	53.44%	54.74%
III	60.98%	54.48%	62.31%
IV-A	38.50%	39.20%	40.40%
IV-B	23.56%	24.08%	34.98%
V	<b>71.45%</b>	66.07%	<b>69.24%</b>
VI	54.65%	63.22%	<b>70.10%</b>
VII	<b>73.86%</b>	<b>73.78%</b>	64.79%
VIII	39.84%	44.91%	48.44%
IX	31.19%	27.65%	40.15%
X	38.44%	44.77%	56.73%
XI	33.30%	55.76%	67.51%
XII	34.19%	47.35%	49.26%
CARAGA	46.61%	49.37%	48.05%
CAR	67.37%	67.96%	<b>73.41%</b>
NCR	28.75%	33.75%	50.56%
ARMM	21.16%	13.21%	16.37%
<b>Total</b>	<b>45.47%</b>	<b>47.75%</b>	<b>54.70%</b>

# Vaccination Accomplishment per City (NCR)

## 2015-2017

NCR	2015	2016	2017
Caloocan	<b>77.10%</b>	66.52%	<b>96.18%</b>
Las Piñas	39.28%	39.31%	47.98%
Makati	20.31%	18.61%	<b>82.22%</b>
Malabon	3.68%	18.54%	16.74%
Mandaluyong	17.22%	15.12%	13.86%
Manila	37.80%	34.36%	45.92%
Marikina	30.72%	33.80%	41.23%
Muntinlupa	34.78%	66.29%	45.19%
Navotas	28.77%	28.78%	54.66%
Paranaque	28.10%	33.65%	62.28%
Pasay	<b>76.64%</b>	47.46%	<b>70.10%</b>
Pasig	10.50%	11.47%	9.55%
Pateros	35.19%	16.80%	36.30%
Quezon City	23.35%	34.36%	52.67%
San Juan	29.82%	65.34%	65.88%
Taguig	27.14%	28.85%	<b>88.54%</b>
Valenzuela	28.53%	36.18%	39.00%
<b>Total</b>	<b>32.29%</b>	<b>35.03%</b>	<b>51.08%</b>

# 69 Rabies-Free Zones



- Batanes
- Apo Island, Dauin, Negros Oriental
- Biliran
- Limasawa, Southern Leyte
- Marinduque
- Camiguin

- Alabat, Quezon
- Quezon, Quezon
- Perez, Quezon
- Socorro, Surigao del Norte (Bucas Grande Island)
- Linapacan, Palawan
- Kalayaan, Palawan
- Magsaysay, Palawan
- Cagayancillo, Palawan
- Araceli, Palawan
- Cuyo, Palawan
- Romblon, Romblon
- San Jose, Romblon
- Concepcion, Iloilo (Pan de Azucar and Botlog Islands)

2008

2010

2011

2012

2013

2014

2015

2016

- Siquijor
- Malapascua Island, Cebu
- Camotes Island, Cebu
  - San Francisco
  - Poro
  - Tudela
  - Pilar
- Guimaras
- Olympia Island, Bais, Negros Oriental
- **Culion, Palawan**
- Coron, Palawan
- Busuanga, Palawan
- Boracay, Malay, Aklan
- Tingloy, Batangas
- Agutaya, Palawan
- Balabac, Palawan
- Cagdianao, PDI
- San Jose, PDI
- Dinagat, PDI
- Loreto, PDI
- Libjo, PDI
- Basilisa, PDI
- Tubajon, PDI

# World Rabies Day 2017

*28 September 2017*

## **Eight (8) Areas Declared Rabies-free Zones**

### **Region V: Ticao Island, Masbate**

- 1. Municipality of Batuan**
- 2. Municipality of San Fernando**
- 3. Municipality of San Jacinto**
- 4. Municipality of Monreal**

### **Region IV-B: Simara, Sibale and Jones Islands, Romblon**

- 1. Municipality of Corcuera**
- 2. Municipality of Concepcion**
- 3. Municipality of Banton**

### **Region VII: Pitogo Island, Bohol**

- 1. Municipality of President Carlos P. Garcia**



# World Rabies Day 2018

28 September 2018

## Twenty (20) Areas Declared Rabies-free Zones

National Level

### Region 5: Province of Catanduanes

Sub-National Level (Regional Declaration)

- **Region 4a**

1. *Patnanungan, Quezon*
2. *Jomalig, Quezon*

- **Region 4b**

1. *Magdiwang, Romblon*
2. *Cajidiocan, Romblon*
3. *San Fernando, Romblon*

- **Region 5**

1. *Baras, Catanduanes*
2. *Bato, Catanduanes*
3. *Caramoran, Catanduanes*
4. *Gigmoto, Catanduanes*
5. *Panganiban, Catanduanes*
6. *Virac, Catanduanes*
7. *Viga, Catanduanes*

- **Region 5**

1. *Viga, Catanduanes*
2. *Pandan, Catanduanes*
3. *Pandan, Catanduanes*
4. *San Andres, Catanduanes*
5. *San Miguel, Catanduanes*
6. *Bagamanoc, Catanduanes*

- **Region 6**

1. *Concepcion, Iloilo*

- **Region 8**

1. *San Antonio*
2. *Capul*



**Thank you!**