



# EPIDEMIOLOGICAL SURVEILLANCE OF RABIES IN THE AMERICAS

## WEEKLY REPORT



### PAN AMERICAN FOOT-AND-MOUTH DISEASE CENTER

Epidemiological Week N° 35  
(from 08/26/2007 through 09/1/2007)

Pan American Health Organization  
Pan American Sanitary Bureau, Regional Office of the  
World Health Organization

Volume 18  
Number 36

Table 1. Provisional cases of rabies in humans and animals by country, state or province and municipality, diagnosed during the week of 08/26/2007 through 09/1/2007.

Country, State and Municipality	Humans	Dogs	Cats	Bovines	Other Farm	Bats			Mongooses	Rodents and	Other Wildlife	Total
						VAM <sup>f</sup>	BNH <sup>p</sup>	BNS <sup>β</sup>				
<b>Bolivia</b>	0	10	0	0	0	0	0	0	0	0	0	10
Chuquisaca	0	2	0	0	0	0	0	0	0	0	0	2
Cochabamba	0	6	0	0	0	0	0	0	0	0	0	6
Santa Cruz	0	2	0	0	0	0	0	0	0	0	0	2
<b>Ecuador</b>	0	0	0	1	0	0	0	0	0	0	0	1
Napo	0	0	0	1	0	0	0	0	0	0	0	1
<b>El Salvador</b>	0	0	0	1	0	0	0	0	0	0	0	1
Morazan	0	0	0	1	0	0	0	0	0	0	0	1
Corinto	0	0	0	1	0	0	0	0	0	0	0	1
<b>Mexico</b>	0	1	0	0	0	0	0	0	0	0	0	1
Puebla	0	1	0	0	0	0	0	0	0	0	0	1
<b>Total</b>	0	11	0	2	0	0	0	0	0	0	0	13

<sup>f</sup> Bats, hematophagous; <sup>p</sup> Bats, Non-hematophagous; <sup>β</sup> Bats, not specified.

Countries that reported no cases : Colombia, Costa Rica, Honduras, Nicaragua, Panama, Paraguay, Peru, Uruguay, Venezuela

Countries that did not report during this week : Belize, Chile, Cuba, Dominican Republic, Guatemala, Guyana, Haiti, Suriname, Trinidad and Tobago

Countries that report on a yearly basis : Anguilla, Antigua and Barbuda, Aruba, Bahamas, Barbados, Bermuda, Canada, Cayman Islands, Dominica, French Guiana, Grenada, Guadeloupe, Jamaica, Martinique, Montserrat, Netherlands Antilles, Puerto Rico, St. Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Turks and Caicos Islands, United States, Virgin Islands

Countries that report on a monthly basis : Argentina, Brazil

## EPIDEMIOLOGICAL SURVEILLANCE OF RABIES IN THE AMERICAS

Table 2. Provisional accumulated<sup>1</sup> cases of rabies in humans and animals by subregion and country.  
Reports received through week n° 35 of 2007 and during the same period of 2006.

Country	Humans		Dogs		Cats		Bovines		Other Farm Animals		Bats						Mongoose		Rodents and Lagomorphs		Other Wildlife	
	2007	2006	2007	2006	2007	2006	2007	2006	2007	2006	VAM <sup>f</sup>		BNH <sup>P</sup>		BNS <sup>β</sup>		2007	2006	2007	2006	2007	2006
											2007	2006	2007	2006	2007	2006						
<b>Latin America</b>	16	13	445	760	34	60	613	453	94	49	7	20	88	81	0	1	17	32	2	0	12	5
<b>Andean Area</b>	14	3	256	508	9	26	197	216	25	25	1	16	0	0	0	0	0	0	0	0	2	2
Bolivia	2	1	244	482	8	24	24	43	6	7	0	0	0	0	0	0	0	0	0	0	1	1
Colombia	0	0	0	0	0	0	55	72	5	10	0	0	0	0	0	0	0	0	0	0	0	0
Ecuador†	0	0	0	0	0	0	22	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peru	11	1	0	8	1	2	83	93	12	8	1	16	0	0	0	0	0	0	0	0	1	1
Venezuela	1	1	12	18	0	0	13	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>South Cone</b>	0	0	3	1	1	0	52	66	5	10	0	0	60	79	0	0	0	0	0	0	0	0
Argentina†‡	0	0	0	0	0	0	0	27	0	5	0	0	0	0	0	0	0	0	0	0	0	0
Chile†	0	0	0	0	0	0	0	0	0	0	0	0	60	79	0	0	0	0	0	0	0	0
Paraguay	0	0	3	1	1	0	52	39	5	5	0	0	0	0	0	0	0	0	0	0	0	0
Uruguay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Brazil†‡</b>	1	6	32	2	2	0	179	0	52	0	6	0	28	0	0	0	0	0	0	0	8	0
<b>Central America</b>	1	2	85	155	15	19	19	49	3	3	0	1	0	0	0	1	0	0	2	0	0	0
Belize†‡	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Costa Rica	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
El Salvador	1	1	45	112	14	16	13	30	3	1	0	1	0	0	0	0	0	2	0	0	0	0
Guatemala†‡	0	1	40	43	1	2	3	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Honduras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nicaragua	0	0	0	0	0	1	0	6	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Panama	0	0	0	0	0	0	2	8	0	1	0	0	0	0	0	0	0	0	0	0	0	0
<b>Mexico</b>	0	0	26	54	2	1	165	120	7	7	0	3	0	2	0	0	0	0	0	0	1	1
<b>Latin Caribbean</b>	0	2	43	40	5	14	1	2	2	4	0	0	0	0	0	0	17	32	0	0	1	2
Cuba†	0	1	17	18	3	5	0	1	2	1	0	0	0	0	0	0	4	17	0	0	0	0
Dominican Republic†	0	0	26	22	2	9	1	1	0	3	0	0	0	0	0	0	13	15	0	0	1	2
Haiti†‡	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico†‡	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Caribbean</b>																						
French Guiana†‡	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grenada†‡	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Guyana†‡	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Suriname†‡	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trinidad and Tobago†‡	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>North America</b>																						
Canada†‡	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
United States†‡	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Total</b>	16	13	445	760	34	60	613	453	94	49	7	20	88	81	0	1	17	32	2	0	12	5

1 May differ from monthly consolidations published in the annual bulletin.

f Bats, hematophagous; P Bats, Non-hematophagous; β Bats, not specified.

†, ‡ One or more weeks corresponding to this period of 2007(†) and/or 2006(‡) were not reported. ... Did not report.

The following countries or territories have never reported the occurrence of rabies in any species and, therefore, are not included in the above table: Anguilla, Antigua and Barbuda, Aruba, Bahamas, Barbados, Bermuda, Cayman Islands, Dominica, Guadeloupe, Jamaica, Martinique, Montserrat, Netherlands Antilles, St. Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Turks and Caicos Islands, Virgin Islands

## EPIDEMIOLOGICAL SURVEILLANCE OF RABIES IN THE AMERICAS

Table 3. Provisional accumulated<sup>1</sup> cases of rabies in dogs by country and state or province.  
Reports received through week n° 35 of 2007 and during the same period of 2006.

	DOGS					DOGS					DOGS			
	2007	2006	Change §			2007	2006	Change §			2007	2006	Change §	
	Cases	Cases		§	Cases	Cases		§	Cases	Cases		§		
<b>Total for the Region</b>	<b>445</b>	<b>760</b>	-315	-41.4%										
<b>Argentina††</b>	<b>0</b>	<b>0</b>	0		Quiche	8	6							
<b>Belize††</b>	<b>0</b>	<b>0</b>	0		Retalhuleu	0	1							
<b>Bolivia</b>	<b>244</b>	<b>482</b>	-238	-49.4%	San Marcos	8	5							
Chuquisaca	25	21			Santa Rosa	1	0							
Cochabamba	65	46			Suchitepequez	2	0							
El Beni	6	0			Tonicicapan	1	2							
La Paz	22	48			<b>Haiti††</b>	<b>0</b>	<b>0</b>	0						
Oruro	10	34			<b>Honduras</b>	<b>0</b>	<b>0</b>	0						
Potosi	3	11			<b>Mexico</b>	<b>26</b>	<b>54</b>	-28	-51.9%					
Santa Cruz	112	319			Distrito Federal	0	3							
Tarija	1	3			Guerrero	0	1							
<b>Brazil††</b>	<b>32</b>	<b>2</b>	30	1,500.0%	Hidalgo	2	1							
Maranhão	0	2			Mexico	15	35							
Mato Grosso	1	0			Oaxaca	1	2							
Mato Grosso do Sul	1	0			Puebla	2	7							
Pará	22	0			Yucatan	6	5							
Pernambuco	6	0			<b>Nicaragua</b>	<b>0</b>	<b>0</b>	0						
Rio Grande do Norte	1	0			<b>Panama</b>	<b>0</b>	<b>0</b>	0						
Rio Grande do Sul	1	0			<b>Paraguay</b>	<b>3</b>	<b>1</b>	2	200.0%					
<b>Chile†</b>	<b>0</b>	<b>0</b>	0		Central	3	0							
<b>Colombia</b>	<b>0</b>	<b>0</b>	0		Presidente Hayes	0	1							
<b>Costa Rica</b>	<b>0</b>	<b>0</b>	0		<b>Peru</b>	<b>0</b>	<b>8</b>	-8	-100.0%					
<b>Cuba†</b>	<b>17</b>	<b>18</b>	-1	-5.6%	Lima	0	4							
Ciego de Avila	1	1			Puno	0	4							
Cienfuegos	0	1			<b>Uruguay</b>	<b>0</b>	<b>0</b>	0						
Ciudad de la Habana	0	1			<b>Venezuela</b>	<b>12</b>	<b>18</b>	-6	-33.3%					
Matanzas	2	0			Zulia	12	18							
Pinar del Rio	4	2												
Sancti Spiritus	1	0												
Santiago de Cuba	8	8												
Villa Clara	1	5												
<b>Dominican Republic†</b>	<b>26</b>	<b>22</b>	4	18.2%										
...	1	2												
Dajabón	0	1												
Hato Major	1	0												
La Altagracia	0	2												
La Vega	3	2												
Monte Cristi	0	2												
Salcedo	1	0												
San Pedro de Macoris	1	1												
Sánchez Ramírez	2	1												
Santo Domingo	17	11												
<b>Ecuador†</b>	<b>0</b>	<b>0</b>	0											
<b>El Salvador</b>	<b>45</b>	<b>112</b>	-67	-59.8%										
Ahuachapan	3	0												
Cabanas	3	2												
Cuscatlan	1	3												
La Union	6	33												
Morazan	4	18												
San Miguel	12	27												
San Salvador	2	13												
San Vicente	4	2												
Santa Ana	0	1												
Sonsonate	3	1												
Usulután	7	12												
<b>Guatemala††</b>	<b>40</b>	<b>43</b>	-3	-7.0%										
Guatemala	0	2												
Huehuetenango	2	3												
Quezaltenango	18	24												

## EPIDEMIOLOGICAL SURVEILLANCE OF RABIES IN THE AMERICAS

1 May differ from monthly consolidations published in the annual bulletin.; § Increase or decrease when compared with the same period of previous year.

†, ‡ One or more weeks corresponding to this period of 2007(†) and/or 2006(‡) were not reported. ... Did not report.

# EPIDEMIOLOGICAL SURVEILLANCE OF RABIES IN THE AMERICAS

## PAN AMERICAN FOOT-AND-MOUTH DISEASE CENTER

MONTHLY REPORT (provisory)

Cases of rabies reported between january and december of 2006 by country. Data available on 09/25/07.

Table 4

Epidemiological Month Nº 12  
December

Country (umi)	Humans					Animales					Total	Total
	Dogs	Mur <sup>f</sup>	Outros	NI	Total	Dogs	Cats	ADIE	Mur <sup>f</sup>	Outros Silvestre		
Argentina (Aug)	0	0	0	0	0	0	0	32 <sup>a</sup>	0	0	32	32
Belize (Jul)	0	0	0	0	0	0	0	1 <sup>b</sup>	0	0	1	1
Bolivia (Dec)	4	0	0	0	4	650	30	70 <sup>c</sup>	0	2 <sup>d</sup>	752	756
Brazil (Dec)	6	2 <sup>f</sup>	1 <sup>b</sup>	0	9	67	7	1066 <sup>e</sup>	175 <sup>g</sup>	33 <sup>h</sup>	1348	1357
Chile (Dec)	0	0	0	0	0	0	0	0	109 <sup>i</sup>	0	109	109
Colombia (Dec)	0	0	0	0	0	0	0	113 <sup>j</sup>	0	0	113	113
Costa Rica (Dec)	0	0	0	0	0	0	0	2 <sup>b</sup>	0	0	2	2
Cuba (Dec)	1	0	0	0	1	32	5	3 <sup>k</sup>	0	30 <sup>l</sup>	70	71
Dominican Republic (Dec)	0	0	1 <sup>n</sup>	0	1	37	10	5 <sup>m</sup>	0	22 <sup>o</sup>	74	75
Ecuador (Dec)	0	0	0	0	0	0	0	5 <sup>b</sup>	0	1 <sup>p</sup>	6	6
El Salvador (Dec)	1	0	0	1	2	163	24	36 <sup>q</sup>	2 <sup>f</sup>	0	225	227
Guatemala (Dec)	1	0	0	0	1	70	4	6 <sup>r</sup>	0	0	80	81
Guyana (...)	...	...	...	...	...	...	...	...	...	...	...	...
Haiti (Dec)	11	0	0	1	12	1	2	0	0	0	3	15
Honduras (Dec)	0	0	0	0	0	0	0	0	0	0	0	0
Mexico (Dec)	0	1 <sup>i</sup>	0	0	1	80	1	193 <sup>s</sup>	5 <sup>t</sup>	2 <sup>u</sup>	281	282
Nicaragua (Dec)	0	0	0	0	0	1	1	6 <sup>b</sup>	2 <sup>v</sup>	0	10	10
Panama (Dec)	0	0	0	0	0	0	0	11 <sup>w</sup>	0	0	11	11
Paraguay (Dec)	0	0	0	0	0	1	0	61 <sup>x</sup>	2 <sup>f</sup>	0	64	64
Peru (Dec)	1	2 <sup>f</sup>	0	0	3	14	4	141 <sup>y</sup>	26 <sup>f</sup>	3 <sup>d</sup>	188	191
Suriname (...)	...	...	...	...	...	...	...	...	...	...	...	...
Trinidad and Tobago (Dec)	0	0	0	0	0	0	0	0	0	0	0	0
Uruguay (Dec)	0	0	0	0	0	0	0	0	0	0	0	0
Venezuela (Dec)	1	0	0	0	1	29	1	7 <sup>b</sup>	0	0	37	38
<b>Total</b>	<b>26</b>	<b>5</b>	<b>2</b>	<b>2</b>	<b>35</b>	<b>1145</b>	<b>89</b>	<b>1758</b>	<b>321</b>	<b>93</b>	<b>3406</b>	<b>3441</b>

§ Farm Animals; <sup>f</sup> Bats; umi - Last informed month; ... Not Reported.

a Bovines(27), Ovines(5); b Bovines; c Bovines(60), Caprines(2), Equines(2), Ovines(1), Swine(5); d Monkey; e Bovines(961), Equines(101), Farm Animal not specified(4); f Hematophagous Bats; g Hematophagous Bats(50), Non-hematophagous Bats(125); h Foxes(32), Monkey(1); i

Non-hematophagous Bats; j Bovines(95), Equines(15), Ovines(2), Swine(1); k Bovines(1), Equines(2); l Mongooses; m Bovines(2), Equines(3); n Cats;

o Mongooses(20), Monkey(2); p Bison; q Bovines(34), Equines(1), Swine(1); r Bovines(5), Swine(1); s Bovines(181), Equines(11), Swine(1); t

Hematophagous Bats(3), Non-hematophagous Bats(2); u Foxes(1), Wildlife(1); v Bats (category Not Specified); w Bovines(10), Equines(1); x

Bovines(56), Caprines(2), Equines(3); y Bovines(127), Buffalo(6), Caprines(4), Equines(4)

**Countries that report annually: Anguilla, Antigua and Barbuda, Aruba, Bahamas, Barbados, Bermuda, Canada, Cayman Islands, Dominica, French Guiana, Grenada, Guadeloupe, Jamaica, Martinique, Montserrat, Netherlands Antilles, Puerto Rico, St. Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Turks and Caicos Islands, United States, Virgin Islandsxxx**

# EPIDEMIOLOGICAL SURVEILLANCE OF RABIES IN THE AMERICAS

## PAN AMERICAN FOOT-AND-MOUTH DISEASE CENTER

MONTHLY REPORT (provisory)

Cases of rabies reported between january and september of 2007 by country. Data available on 09/25/07.

Table 5

Epidemiological Month Nº 9  
September

Country (umi)	Humans					Animales					Total	Total
	Dogs	Mur <sup>f</sup>	Outros	NI	Total	Dogs	Cats	ADIE	Mur <sup>f</sup>	Outros Silvestre		
Argentina (...)	...	...	...	...	...	...	...	...	...	...	...	...
Belize (...)	...	...	...	...	...	...	...	...	...	...	...	...
Bolivia (Sep)	2	0	0	0	2	264	9	32 <sup>z</sup>	0	1 <sup>aa</sup>	306	308
Brazil (May)	1	0	0	0	1	35	2	231 <sup>ab</sup>	34 <sup>ac</sup>	8 <sup>ad</sup>	310	311
Chile (Jul)	0	0	0	0	0	0	0	0	60 <sup>i</sup>	0	60	60
Colombia (Sep)	0	0	0	0	0	0	0	61 <sup>ae</sup>	0	0	61	61
Costa Rica (Sep)	0	0	0	0	0	0	0	1 <sup>b</sup>	0	0	1	1
Cuba (Apr)	0	0	0	0	0	17	3	2 <sup>af</sup>	0	4 <sup>l</sup>	26	26
Dominican Republic (Aug)	0	0	0	0	0	26	2	1 <sup>b</sup>	0	14 <sup>ag</sup>	43	43
Ecuador (Sep)	0	0	0	0	0	0	0	22 <sup>b</sup>	0	0	22	22
El Salvador (Sep)	0	0	0	1	1	45	14	16 <sup>ah</sup>	0	2 <sup>ai</sup>	77	78
Guatemala (Aug)	0	0	0	0	0	40	1	3 <sup>b</sup>	0	0	44	44
Guyana (...)	...	...	...	...	...	...	...	...	...	...	...	...
Haiti (May)	0	0	0	0	0	0	0	0	0	0	0	0
Honduras (Sep)	0	0	0	0	0	0	0	0	0	0	0	0
Mexico (Sep)	0	0	0	0	0	26	2	178 <sup>aj</sup>	0	2 <sup>ak</sup>	208	208
Nicaragua (Sep)	0	0	0	0	0	0	0	0	0	0	0	0
Panama (Sep)	0	0	0	0	0	0	0	3 <sup>b</sup>	0	0	3	3
Paraguay (Sep)	0	0	0	0	0	3	1	57 <sup>al</sup>	0	0	61	61
Peru (Sep)	0	11 <sup>f</sup>	0	0	11	0	1	95 <sup>am</sup>	1 <sup>f</sup>	1 <sup>ak</sup>	98	109
Suriname (...)	...	...	...	...	...	...	...	...	...	...	...	...
Trinidad and Tobago (...)	...	...	...	...	...	...	...	...	...	...	...	...
Uruguay (Sep)	0	0	0	0	0	0	0	0	0	0	0	0
Venezuela (Sep)	0	1 <sup>f</sup>	0	0	1	12	0	16 <sup>an</sup>	0	0	28	29
<b>Total</b>	<b>3</b>	<b>12</b>	<b>0</b>	<b>1</b>	<b>16</b>	<b>468</b>	<b>35</b>	<b>718</b>	<b>95</b>	<b>32</b>	<b>1348</b>	<b>1364</b>

§ Farm Animals; <sup>f</sup> Bats; umi - Last informed month; ... Not Reported.

a Bovines(27), Ovines(5); b Bovines; c Bovines(60), Caprines(2), Equines(2), Ovines(1), Swine(5); d Monkey; e Bovines(961), Equines(101), Farm Animal not specified(4); f Hematophagous Bats; g Hematophagous Bats(50), Non-hematophagous Bats(125); h Foxes(32), Monkey(1); i Non-hematophagous Bats; j Bovines(95), Equines(15), Ovines(2), Swine(1); k Bovines(1), Equines(2); l Mongooses; m Bovines(2), Equines(3); n Cats; o Mongooses(20), Monkey(2); p Bison; q Bovines(34), Equines(1), Swine(1); r Bovines(5), Swine(1); s Bovines(181), Equines(11), Swine(1); t Hematophagous Bats(3), Non-hematophagous Bats(2); u Foxes(1), Wildlife(1); v Bats (category Not Specified); w Bovines(10), Equines(1); x Bovines(56), Caprines(2), Equines(3); y Bovines(127), Buffalo(6), Caprines(4), Equines(4); z Bovines(26), Buffalo(3), Farm Animal not specified(3); aa Margay; ab Bovines(179), Equines(48), Farm Animal not specified(4); ac Hematophagous Bats(6), Non-hematophagous Bats(28); ad Foxes; ae Bovines(56), Equines(5); af Buffalo(1), Equines(1); ag Mongooses(13), Monkey(1); ah Bovines(13), Caprines(1), Swine(2); ai Rodents; aj Bovines(170), Equines(6), Ovines(2); ak Wildlife; al Bovines(52), Caprines(2), Equines(3); am Bovines(83), Caprines(3), Equines(6), Ovines(2), Swine(1); an Bovines(14), Equines(2)

**Countries that report annually: Anguilla, Antigua and Barbuda, Aruba, Bahamas, Barbados, Bermuda, Canada, Cayman Islands, Dominica, French Guiana, Grenada, Guadeloupe, Jamaica, Martinique, Montserrat, Netherlands Antilles, Puerto Rico, St. Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Turks and Caicos Islands, United States, Virgin Islands**