

2013 Rabies Surveillance Report (January – December)

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Comparison of 2013 and 2012 and 2011 Rabies Surveillance

Table 1: Summary of January-December 2013 Rabies Surveillance Data

	Active Surveillance Counties		Eastern Counties		Western Counties		Total	
	# Tested	# Positive (%)	# Tested	# Positive (%)	# Tested	# Positive (%)	# Tested	# Positive (%)
Raccoons	156	9 (6)	223	46 (21)	3	0 (0)	382	55 (14)
Skunks	6	0 (0)	28	18 (64)	2	0 (0)	36	18 (50)
Fox	2	0 (0)	7	3 (43)	0	0 (0)	9	3 (33)
Coyote	0	0 (0)	1	0 (0)	0	0 (0)	1	0 (0)
Bat	56	1 (2)	32	0 (0)	19	0 (0)	107	1 (1)
Other	150	0 (0)	199	11 (6)	41	0 (0)	390	11 (3)
Total	370	10 (3)	490	78 (16)	65	0 (0)	925	88 (10)

Table 2: Summary of January-December 2012 Rabies Surveillance Data

	Active Surveillance Counties		Eastern Counties		Western Counties		Total	
	# Tested	# Positive (%)	# Tested	# Positive (%)	# Tested	# Positive (%)	# Tested	# Positive (%)
Raccoons	378	5 (1)	438	35 (8)	16	0 (0)	832	40 (5)
Skunks	11	1 (6)	38	13 (34)	0	0 (0)	49	14 (29)
Fox	30	0 (0)	19	4 (21)	1	0 (0)	50	4 (8)
Coyote	1	0 (0)	1	0 (0)	0	0 (0)	2	0 (0)
Bat	30	2 (7)	41	2 (5)	14	0 (0)	85	4 (5)
Other	147	0 (0)	195	9 (5)	47	0 (0)	389	9 (2)
Total	597	8 (1)	732	63 (9)	78	0 (0)	1407	71 (5)

Table 3: Summary of January-December 2011 Rabies Surveillance Data

	Active Surveillance Counties		Eastern Counties		Western Counties		Total	
	# Tested	# Positive (%)	# Tested	# Positive (%)	# Tested	# Positive (%)	# Tested	# Positive (%)
Raccoons	471	10 (2)	539	64 (12)	7	0 (0)	1017	74 (7)
Skunks	19	1 (5)	79	39(49)	1	0 (0)	99	40 (40)
Fox	41	1 (2)	23	4 (17)	1	1 (100)	65	6 (9)
Coyote	21	0 (0)	11	0 (0)	0	0 (0)	32	0 (0)
Bat	46	2 (4)	44	2 (5)	5	0 (0)	95	4 (4)
Other	151	2 (1)	197	12 (6)	39	0 (0)	387	14 (4)
Total	749	16 (2)	893	121 (14)	53	1 (2)	1695	138 (8)

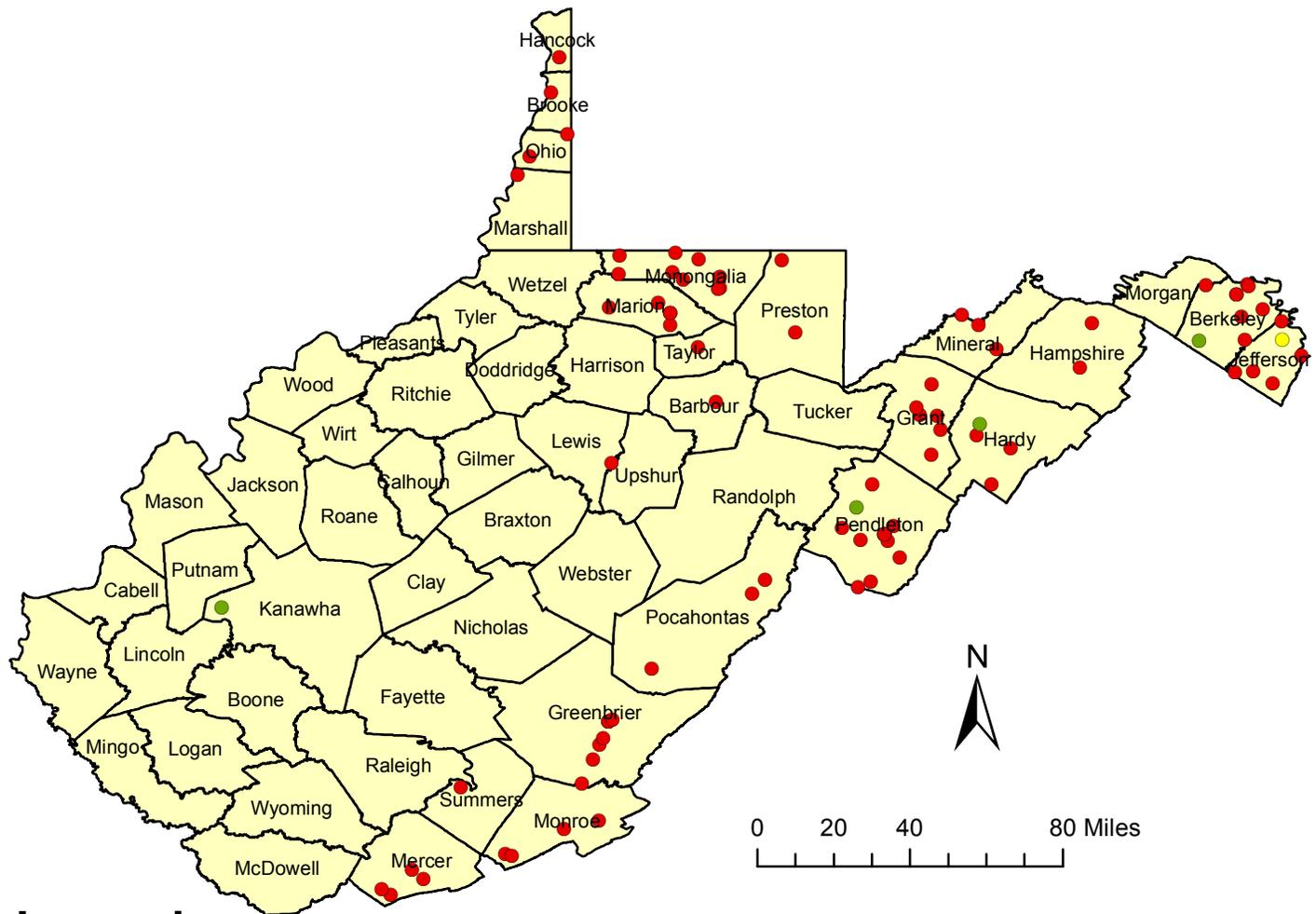
Note:

Active Surveillance Counties Include: Boone, Braxton, Brooke, Calhoun, Clay, Doddridge, Fayette, Gilmer, Hancock, Harrison, Kanawha, Lewis, Logan, Marshall, McDowell, Mercer, Mingo, Nicholas, Ohio, Pleasants, Raleigh, Ritchie, Roane, Tyler, Webster, Wetzel, Wirt, Wood, and Wyoming (*Most of these counties are in the ORV distribution zone. Many have had Raccoon Strain Rabies (RSR) identified within their borders in previous years.*)

Eastern Counties Include: Barbour, Berkeley, Grant, Greenbrier, Hampshire, Hardy, Jefferson, Marion, Morgan, Mineral, Monroe, Monongalia, Pendleton, Pocahontas, Preston, Randolph, Summers, Taylor, Tucker, Upshur, (*Some of these counties are within the ORV distribution zone. All have had RSR identified within their borders.*)

Western Counties Include: Cabell, Jackson, Lincoln, Mason, Putnam, Wayne (*None of these counties are in the ORV distribution zone and none have had RSR identified within their borders.*)

Positive Animal Rabies Results by Strain Type West Virginia, January 1, 2013 - December 31, 2013



Legend

Location of Rabies-Positive Animals (N=88)

Mab_Type

- Bat
- Raccoon
- Undetermined

*All positive rabies results reported by USDA Wildlife Services are documented preliminarily as raccoonstrain rabies, pending CDC confirmation.

The content of the above map depicts geographic coordinate data for all positive rabies results reported by the WV Office of Laboratory Services from 1/1/2013 through 12/31/2013 and from USDA Wildlife Services from 1/1/2013 through 12/31/2013.

Surveillance Animals Tested in West Virginia

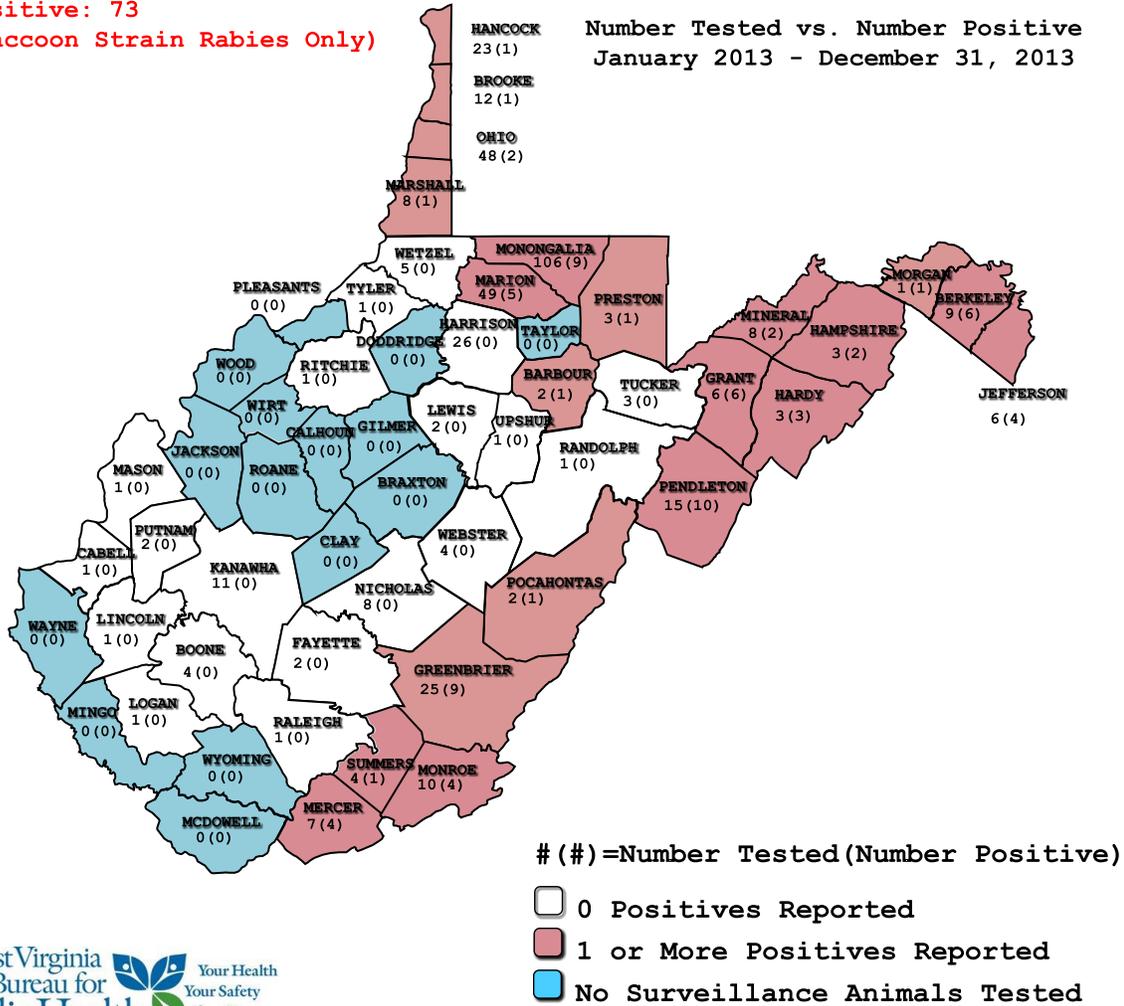
(Raccoons, Skunks, Foxes, Coyotes)

(Includes USDA Data)

Total Surveillance Animals
Tested: 426

Total Surveillance Animals
Positive: 73
(Raccoon Strain Rabies Only)

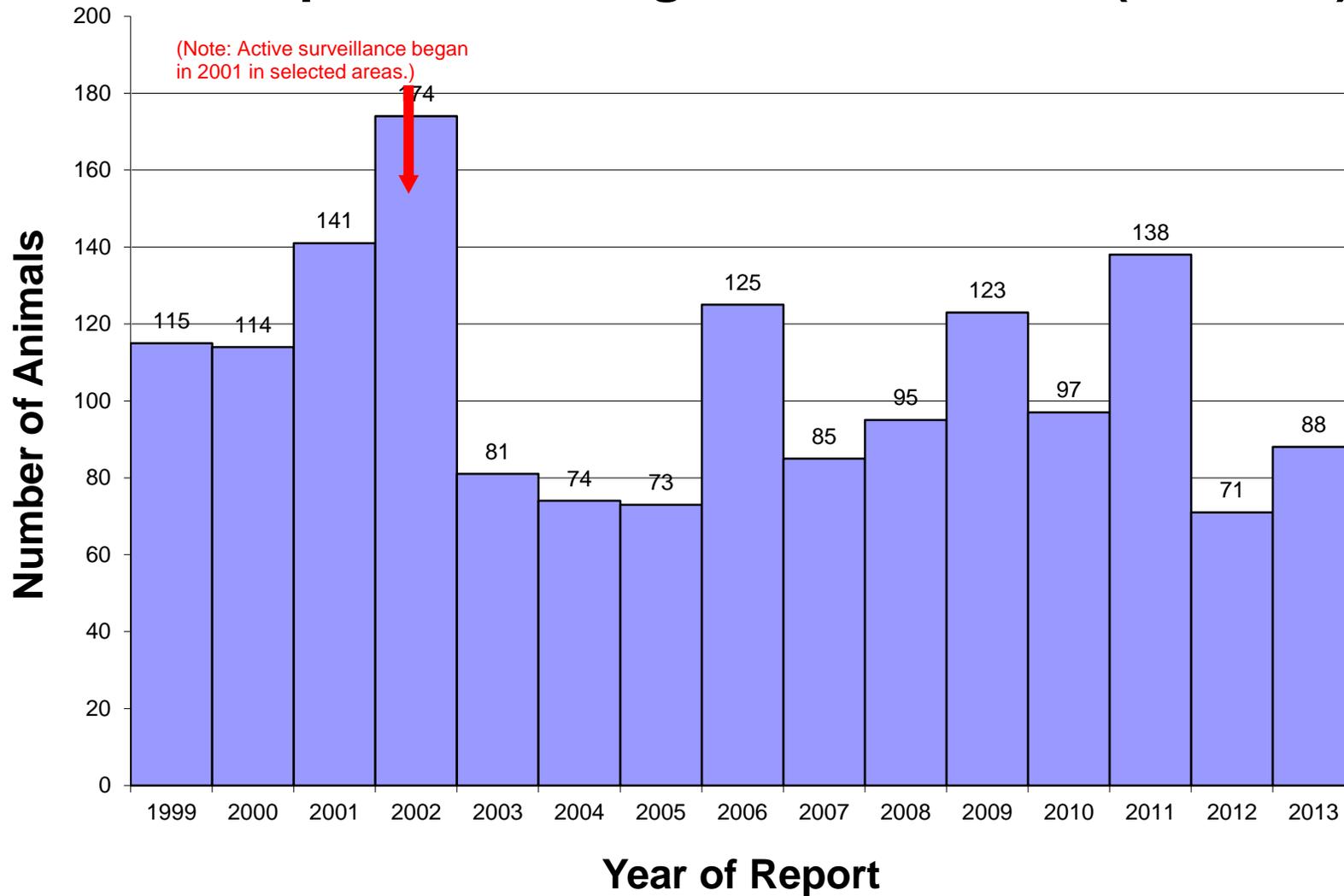
Number Tested vs. Number Positive
January 2013 - December 31, 2013



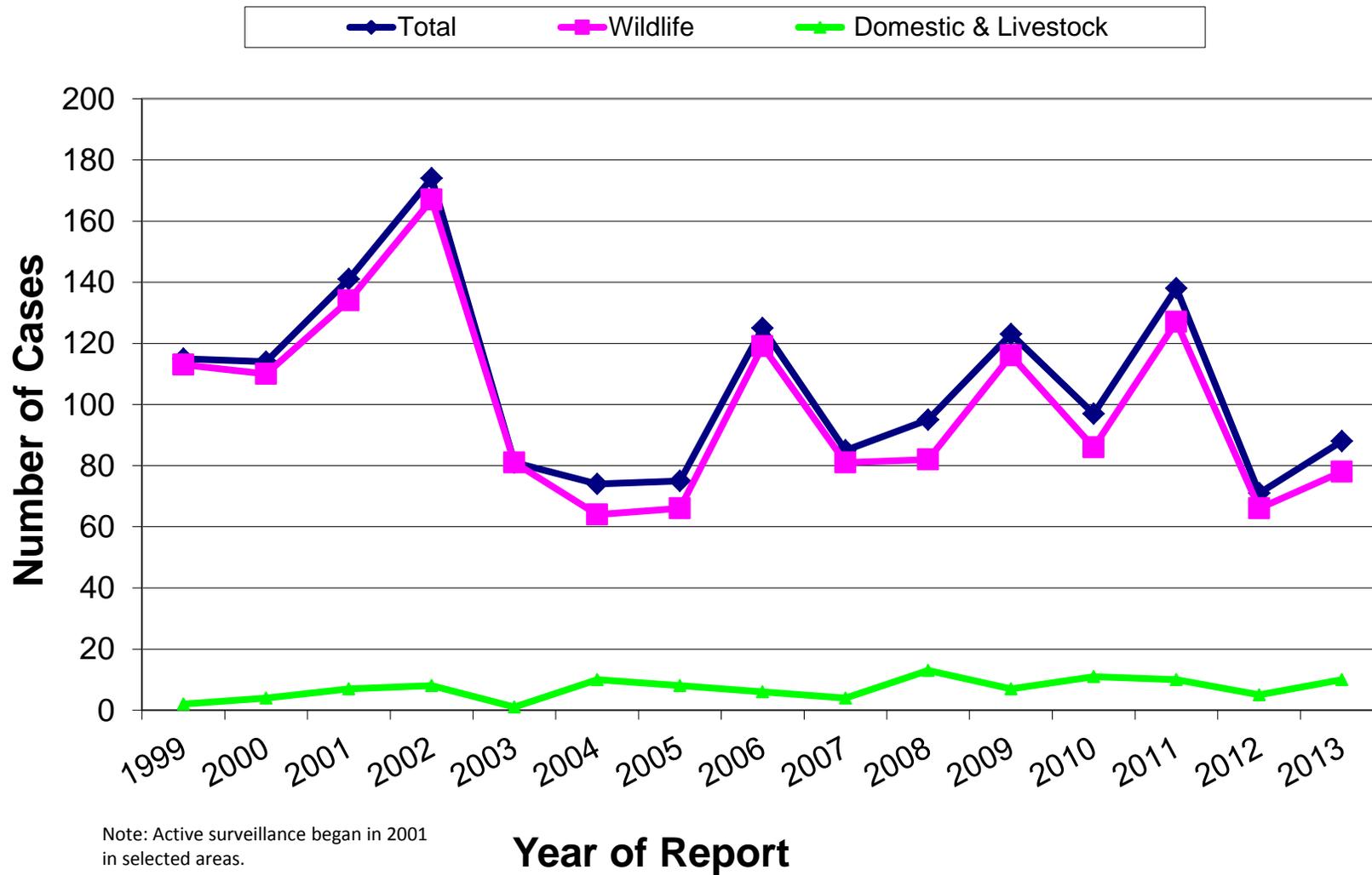
The content of the above map depicts the number (by county) of surveillance animals (defined as raccoons, skunks, foxes or coyotes) that were tested for rabies and the number of those that tested positive for raccoon-strain rabies. Data represents samples processed by the WV Office of Laboratory Services and from USDA Wildlife Services from 1/1/2013 through 12/31/2013.

Note: All positive rabies results reported by USDA Wildlife Services are documented preliminarily as raccoon-strain rabies, pending CDC confirmation.

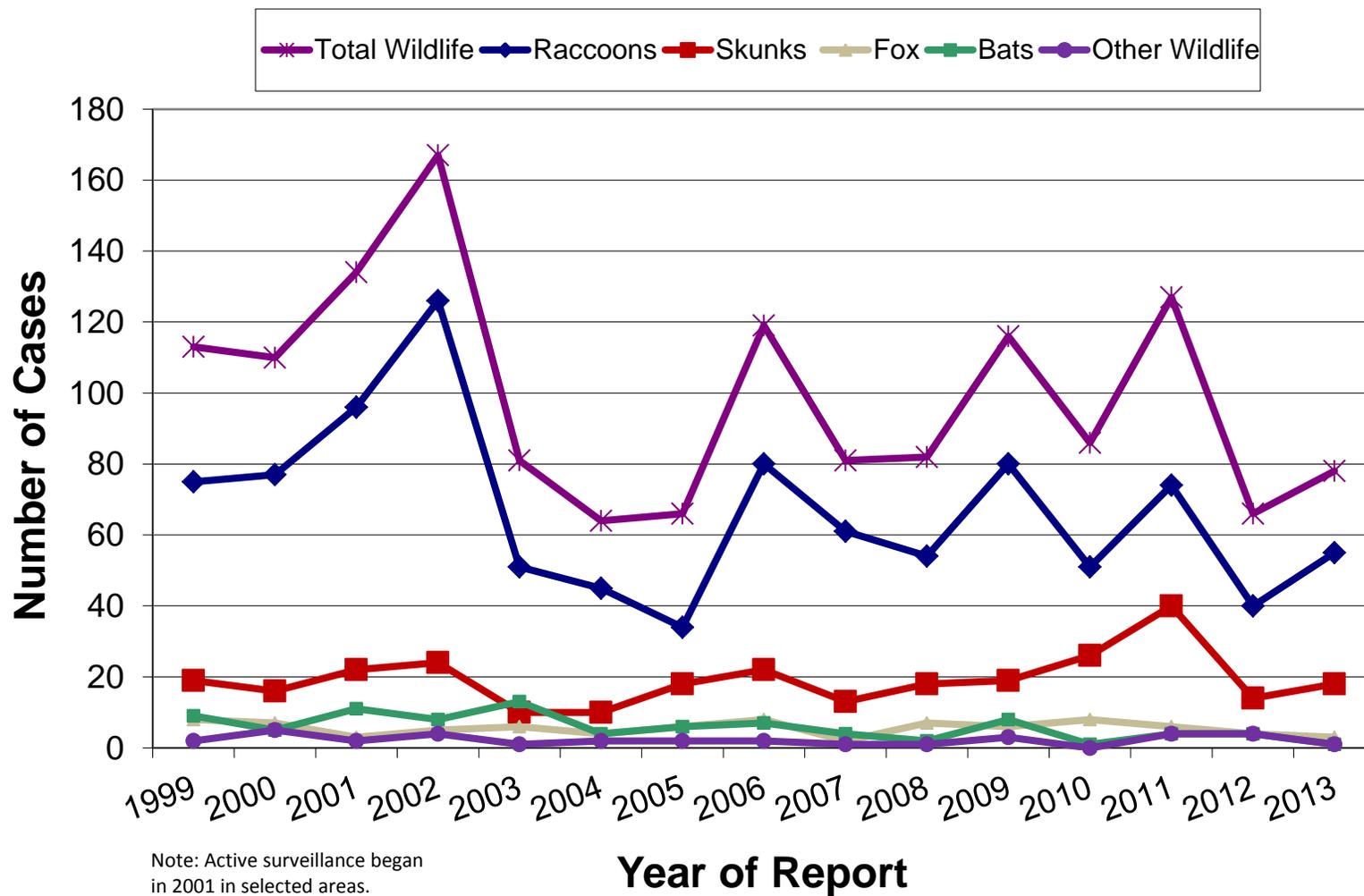
Total Rabies Positive Animals by Year of Report, West Virginia, 1999–2013, (N=1,596)



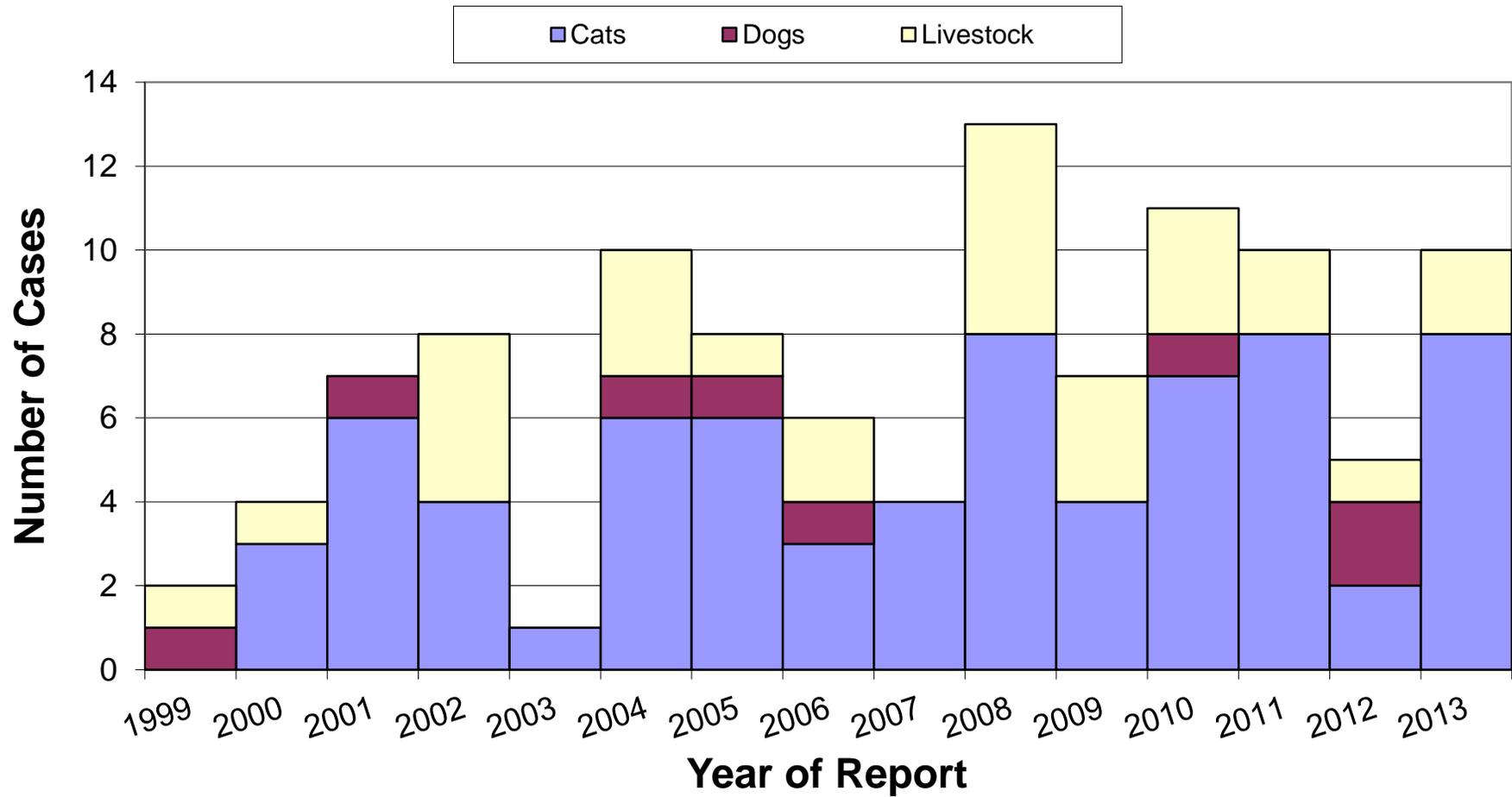
Animal Rabies Cases, West Virginia, 1999–2013, (N=1,596)



Animal Rabies Cases In Wildlife, West Virginia, 1999–2013, (N=1,490)

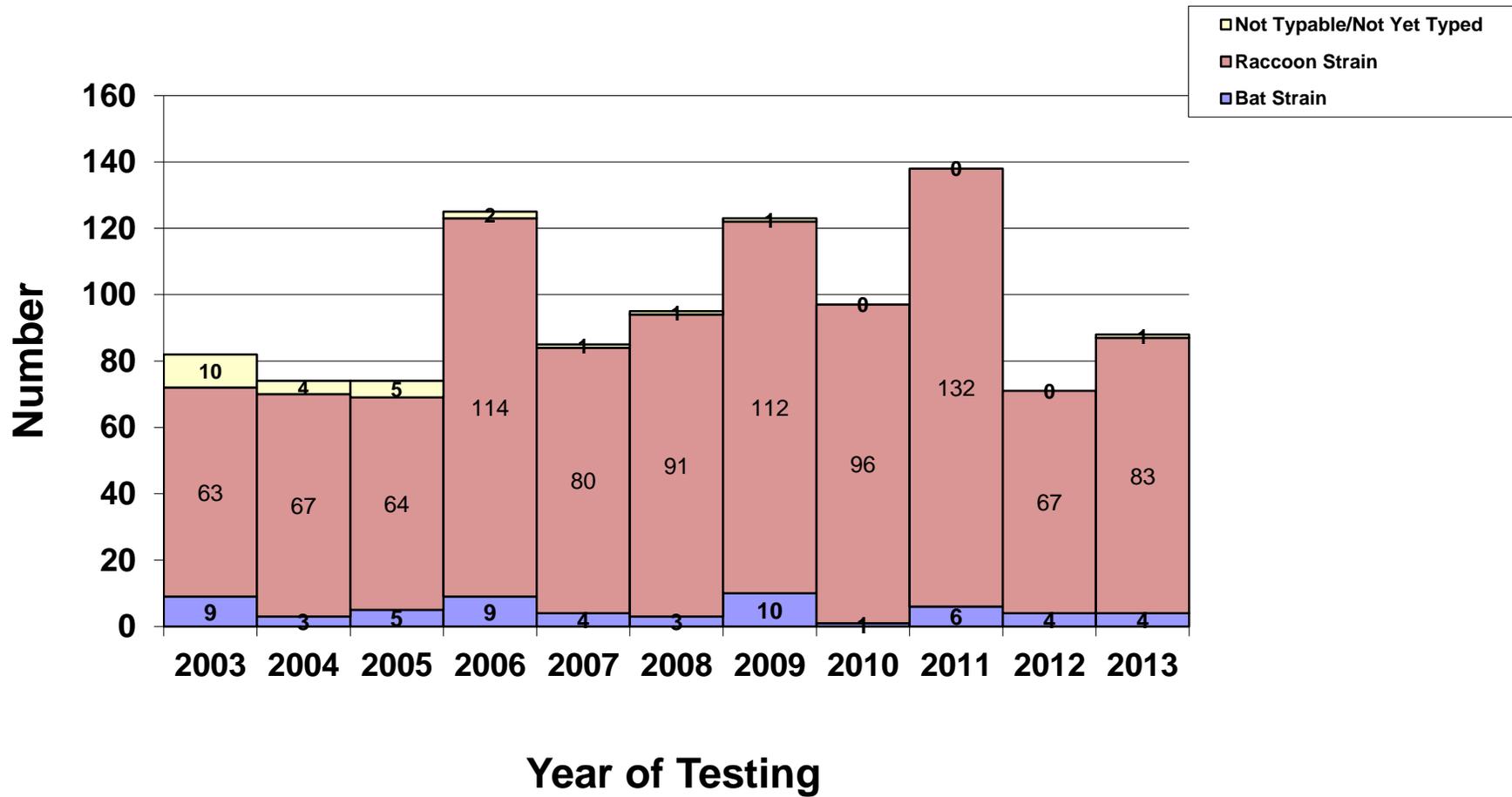


West Virginia Animal Rabies Cases in Domestic Animals and Livestock*, 1999–2013, (N=106)



*Livestock includes cows, horses, pigs, sheep, goats and other "farm" animals.

DISTRIBUTION OF ANIMAL RABIES STRAIN TYPES, USING MAB TYPING, WEST VIRGINIA, 2003-2013, (N=1052)



West Virginia Animal Rabies Cases by Month of Report, 1999–2013, (N=1,596)

