

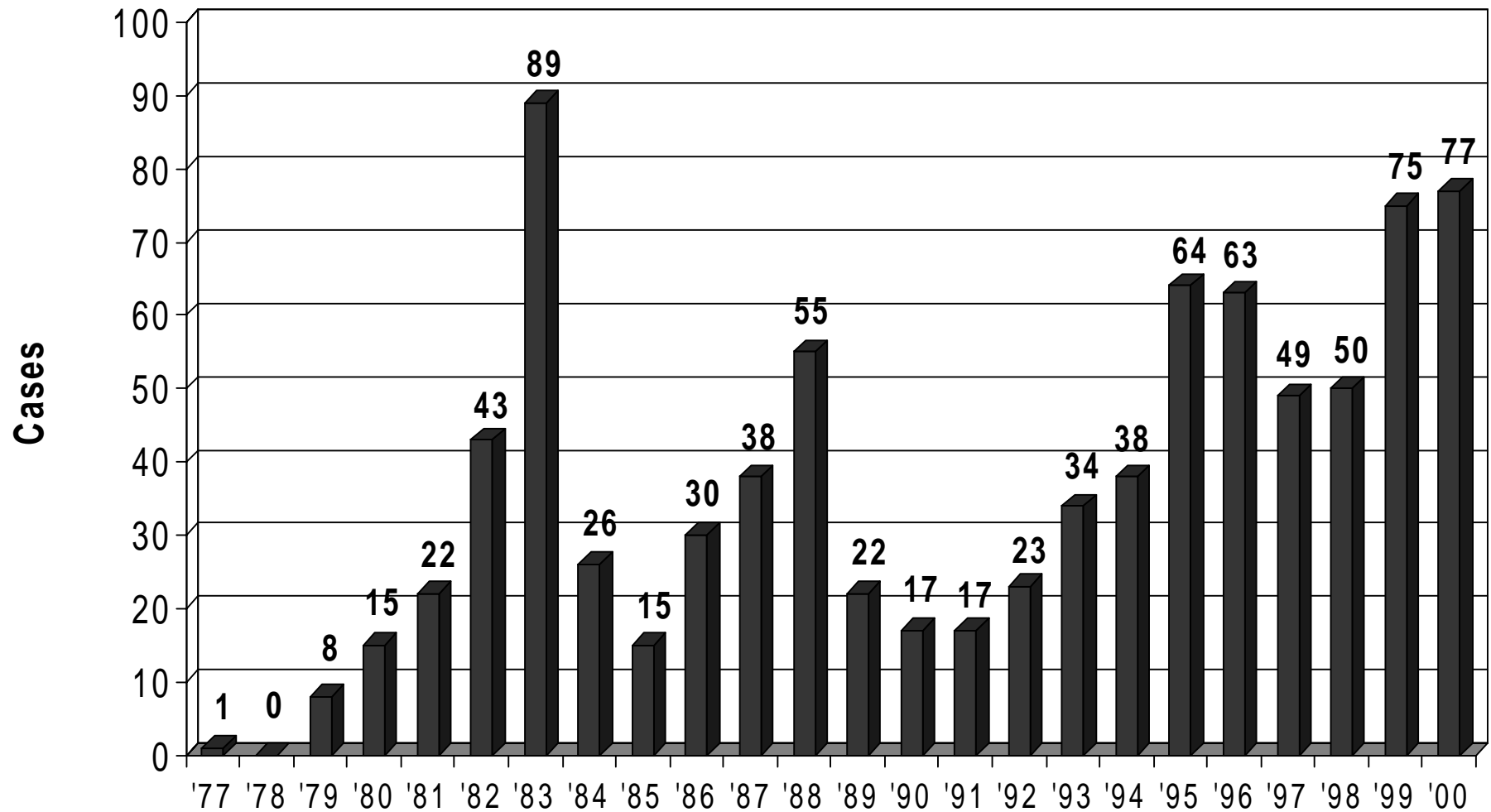
Raccoon Rabies in West Virginia: ***What Does the Data Tell Us?***



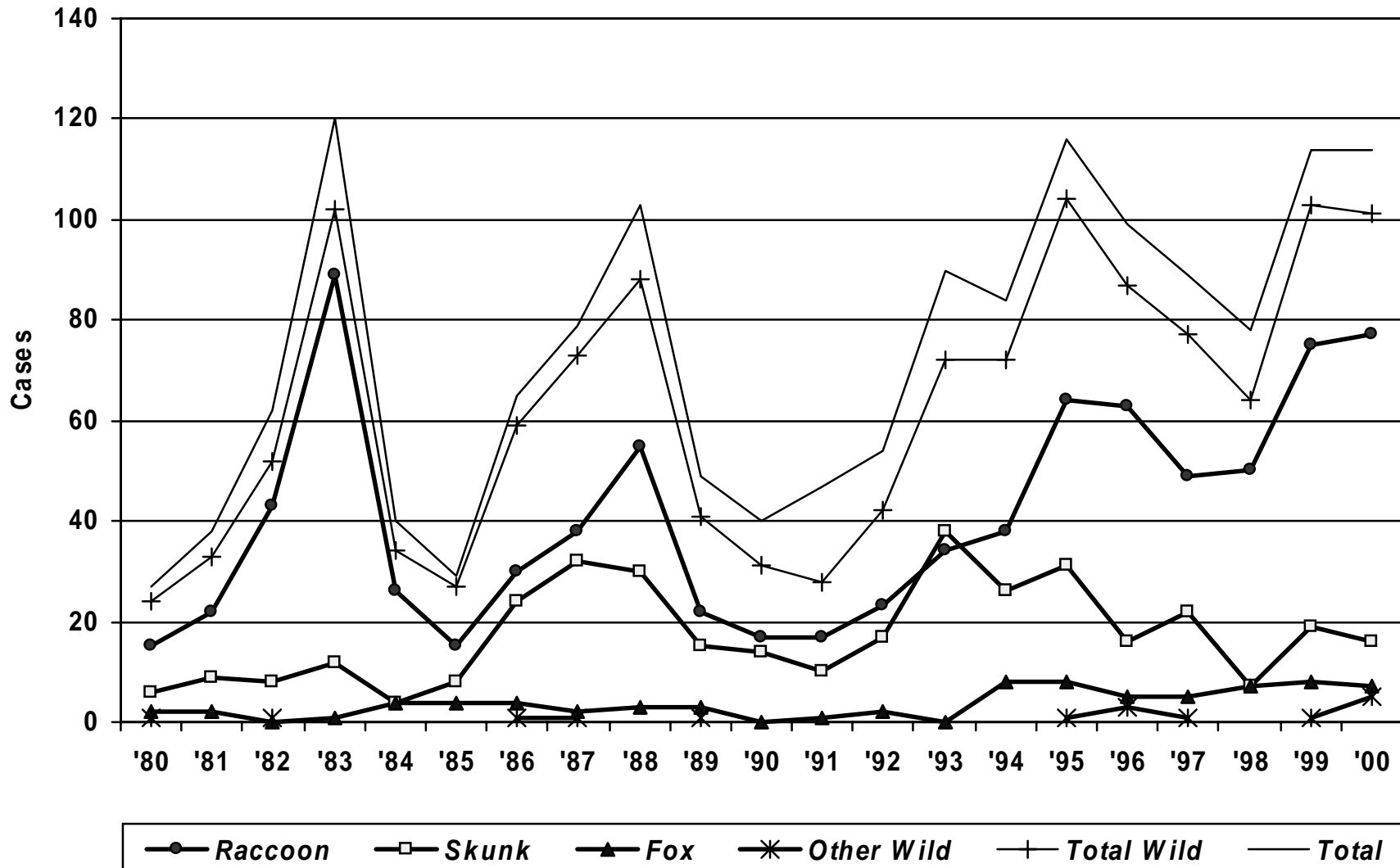
Myra Fernatt, Public Information Specialist
Infectious Disease Epidemiology Program
Flatwoods, West Virginia
February 21, 2001

Raccoon rabies was introduced into West Virginia in 1977 by an apparent translocation of raccoons for hunting purposes.

Raccoon Rabies in West Virginia 1977 - 2000

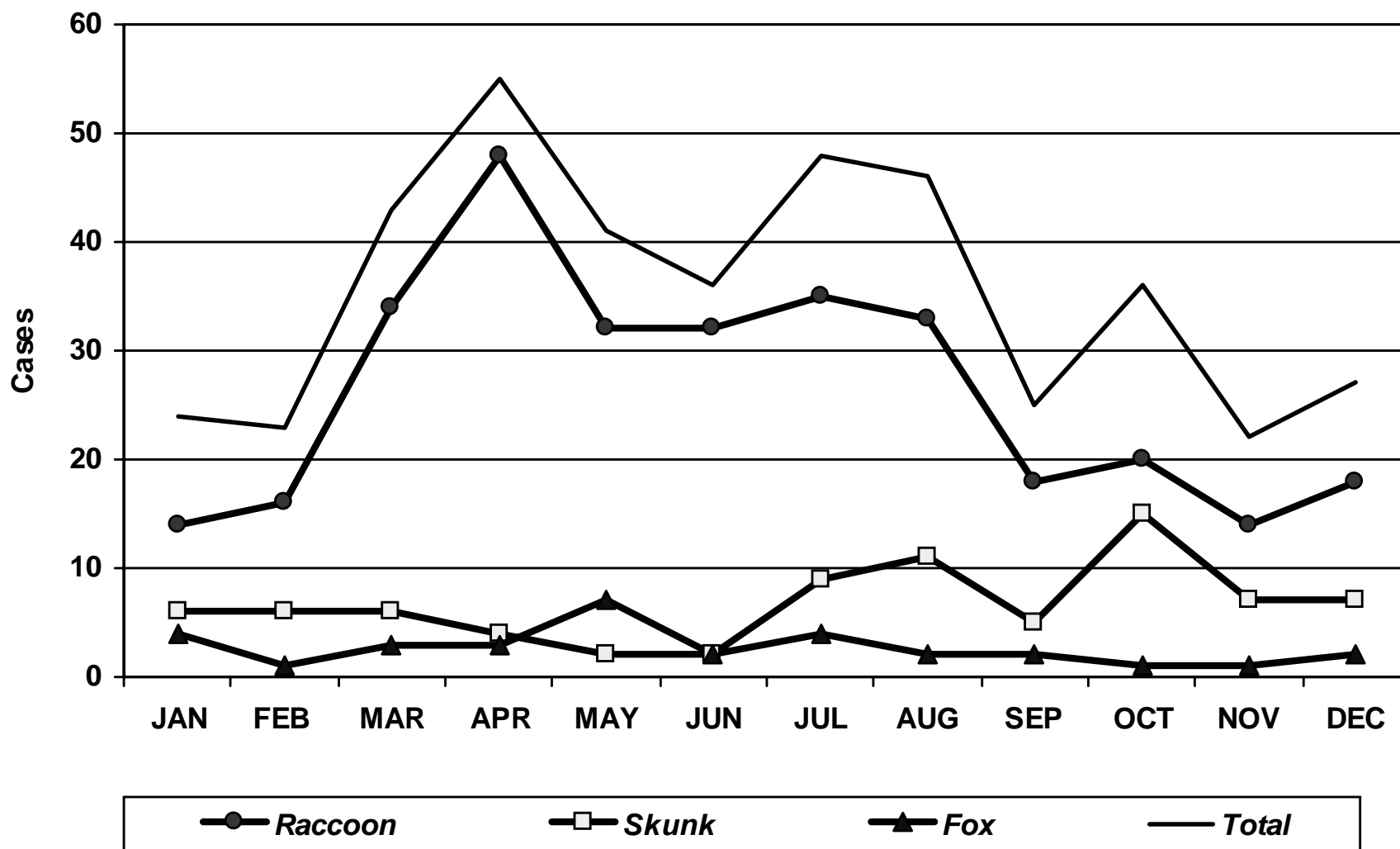


Total Rabies and Rabies in Terrestrial Wildlife West Virginia, 1980 – 2000

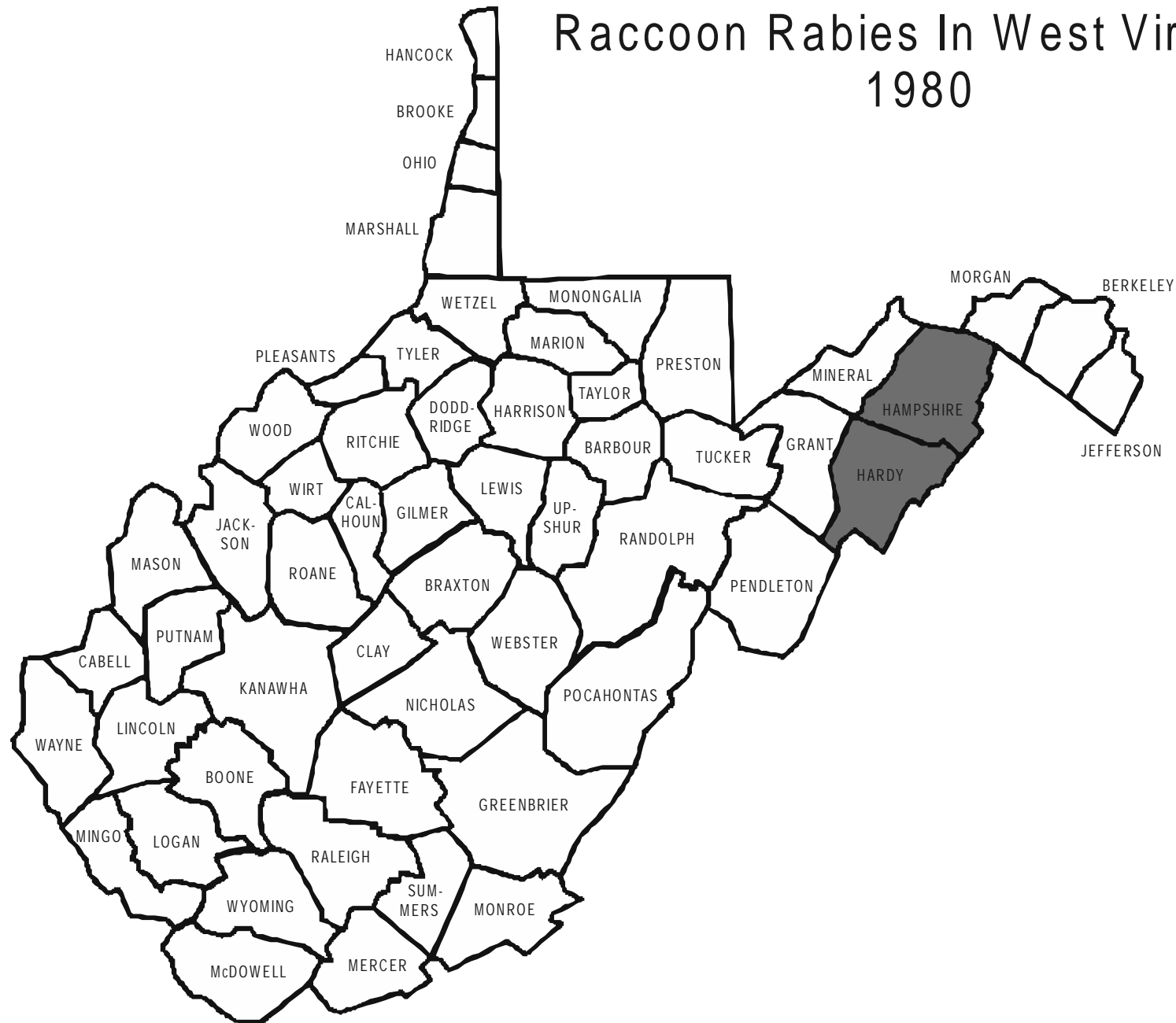


Animal Rabies in Select Wildlife by Month of Report

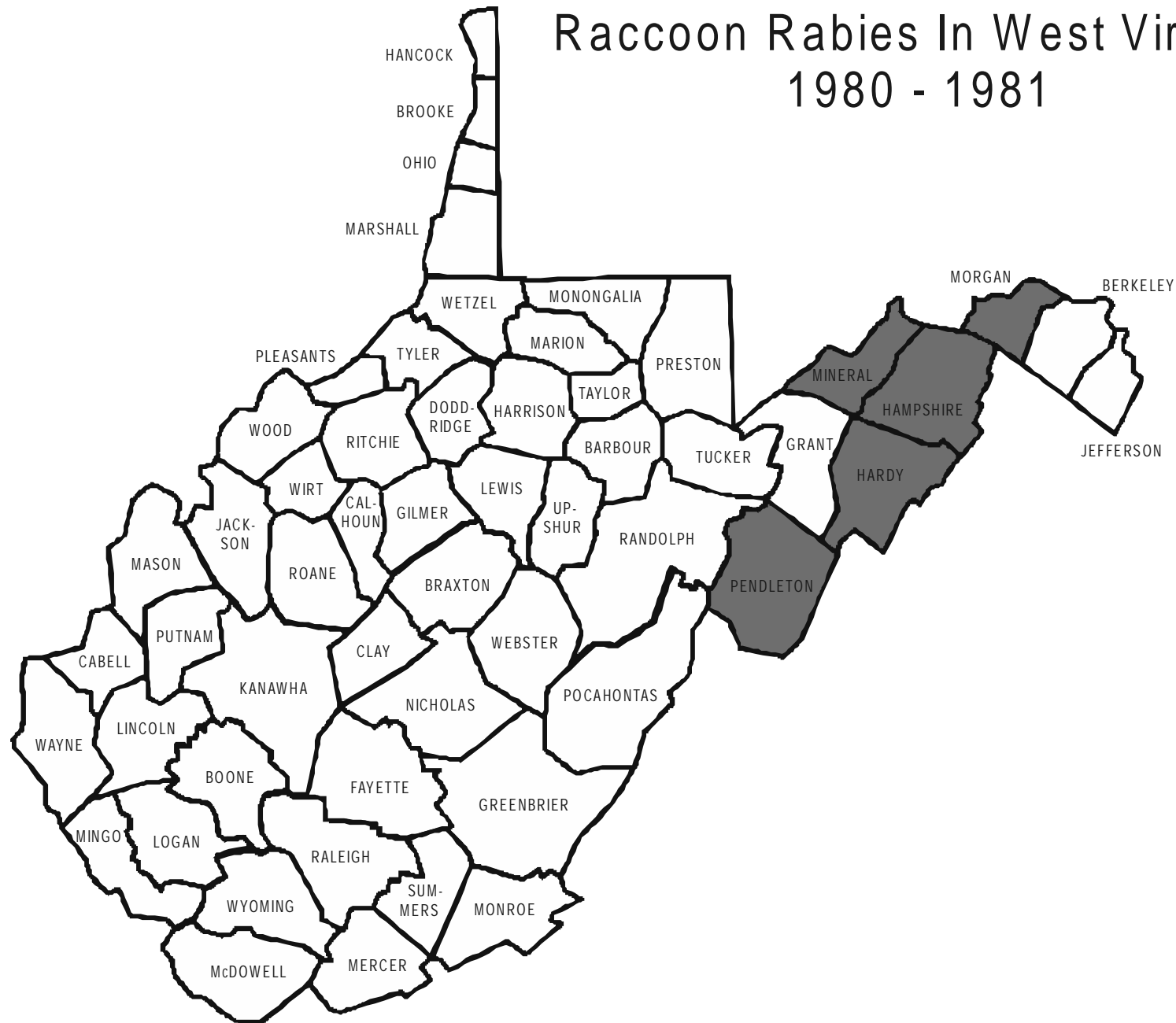
West Virginia, 1996 – 2000



Raccoon Rabies In West Virginia 1980



Raccoon Rabies In West Virginia 1980 - 1981

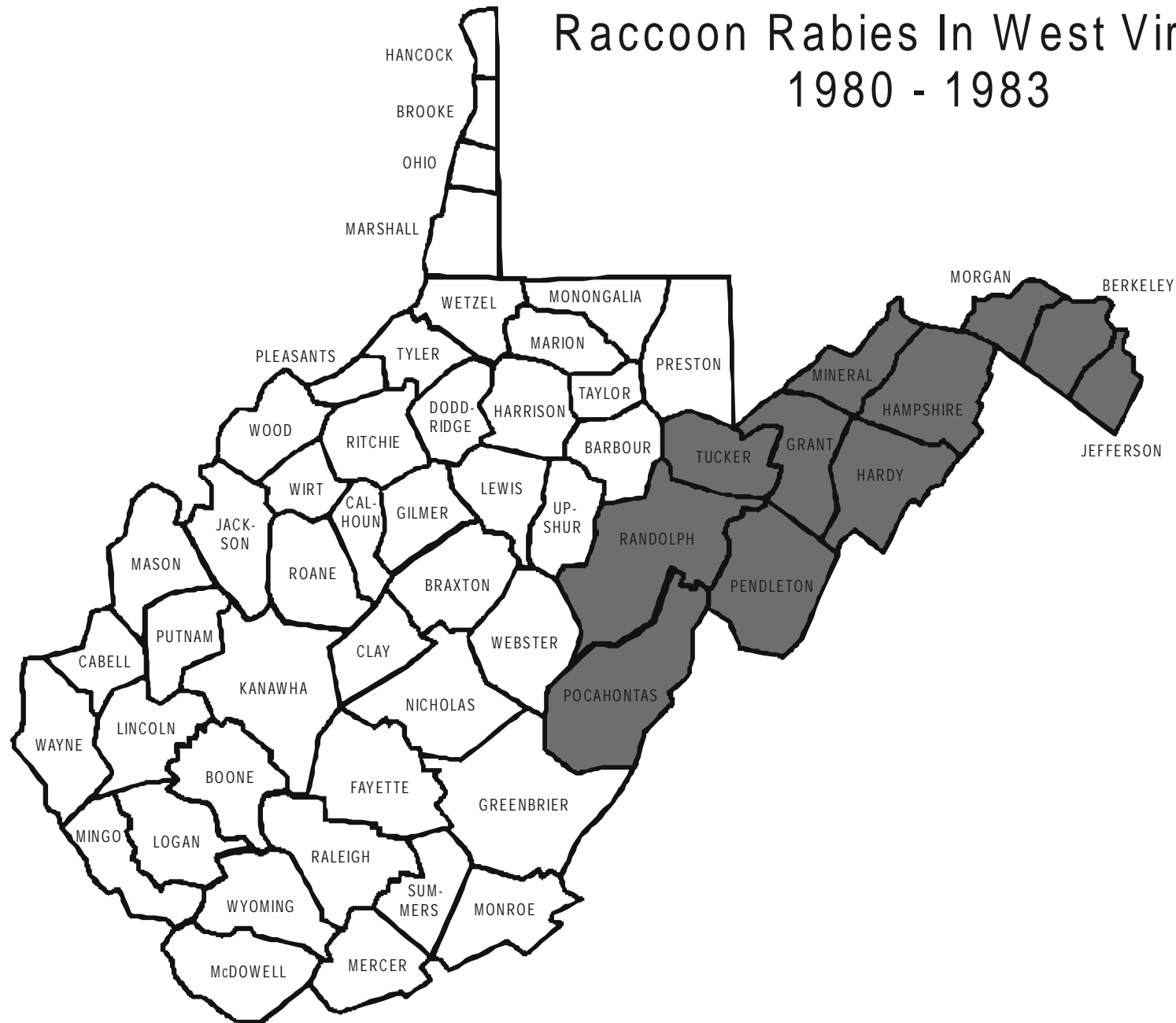


Raccoon Rabies In West Virginia 1980 - 1982

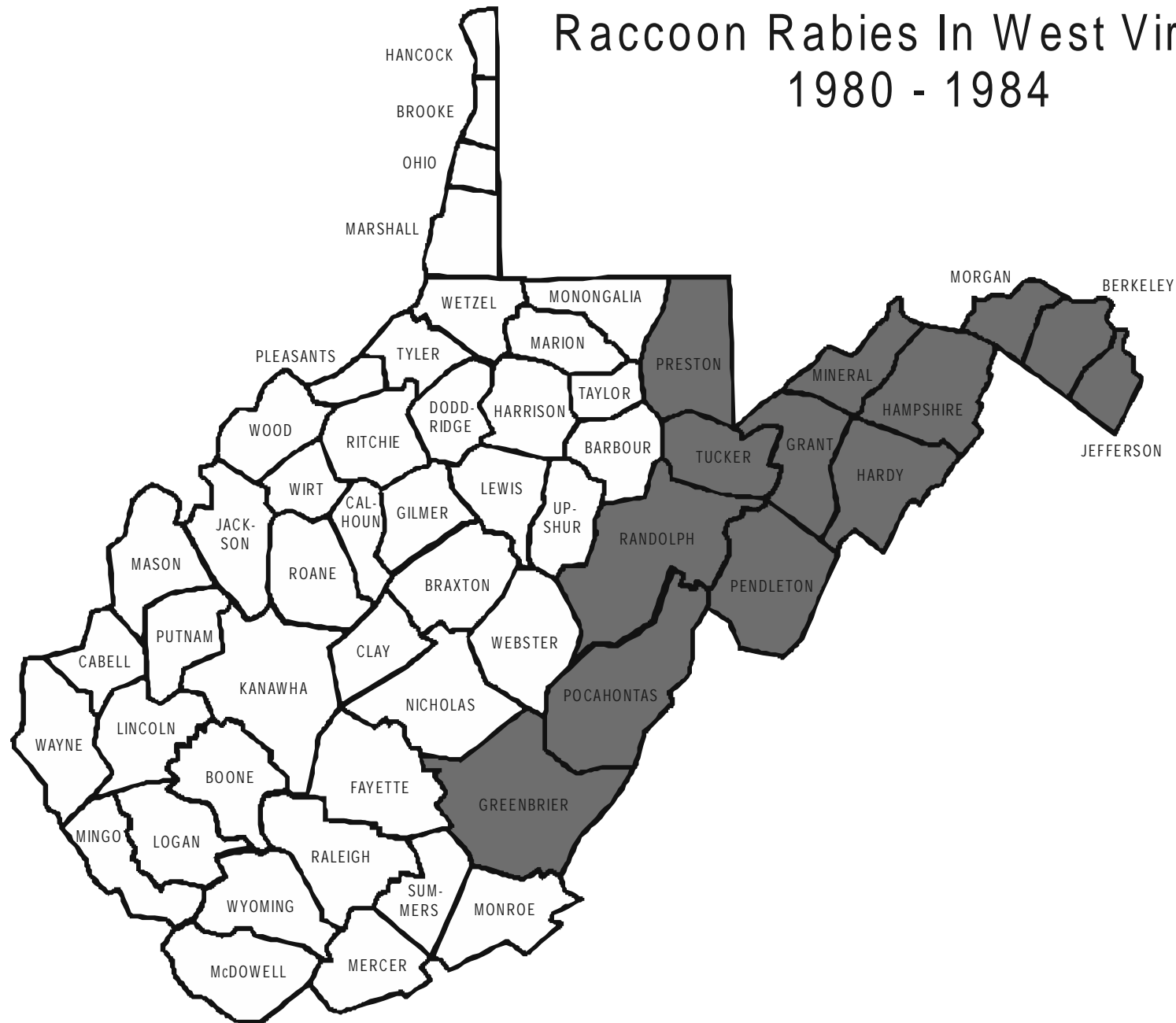
The map displays the following counties and their status:

- Dark Gray (Prevalence):** Mineral, Hampshire, Hardy, Morgan, Berkeley, Jefferson, Pendleton.
- White (No Prevalence):** Hancock, Brooke, Ohio, Marshall, Wetzel, Monongalia, Marion, Tyler, Pleasants, Wood, Ritchie, Dodd-Ridge, Harrison, Taylor, Preston, Tucker, Grant, Barbour, Wirt, Calhoun, Gilmer, Lewis, Up-Shur, Randolph, Mason, Jackson, Roane, Braxton, Webster, Pocahontas, Cabell, Putnam, Kanawha, Clay, Nicholas, Greenbrier, Wayne, Lincoln, Boone, Fayette, Raleigh, Summers, Monroe, Mingo, Logan, Wyoming, McDowell, Mercer.

Raccoon Rabies In West Virginia 1980 - 1983



Raccoon Rabies In West Virginia 1980 - 1984

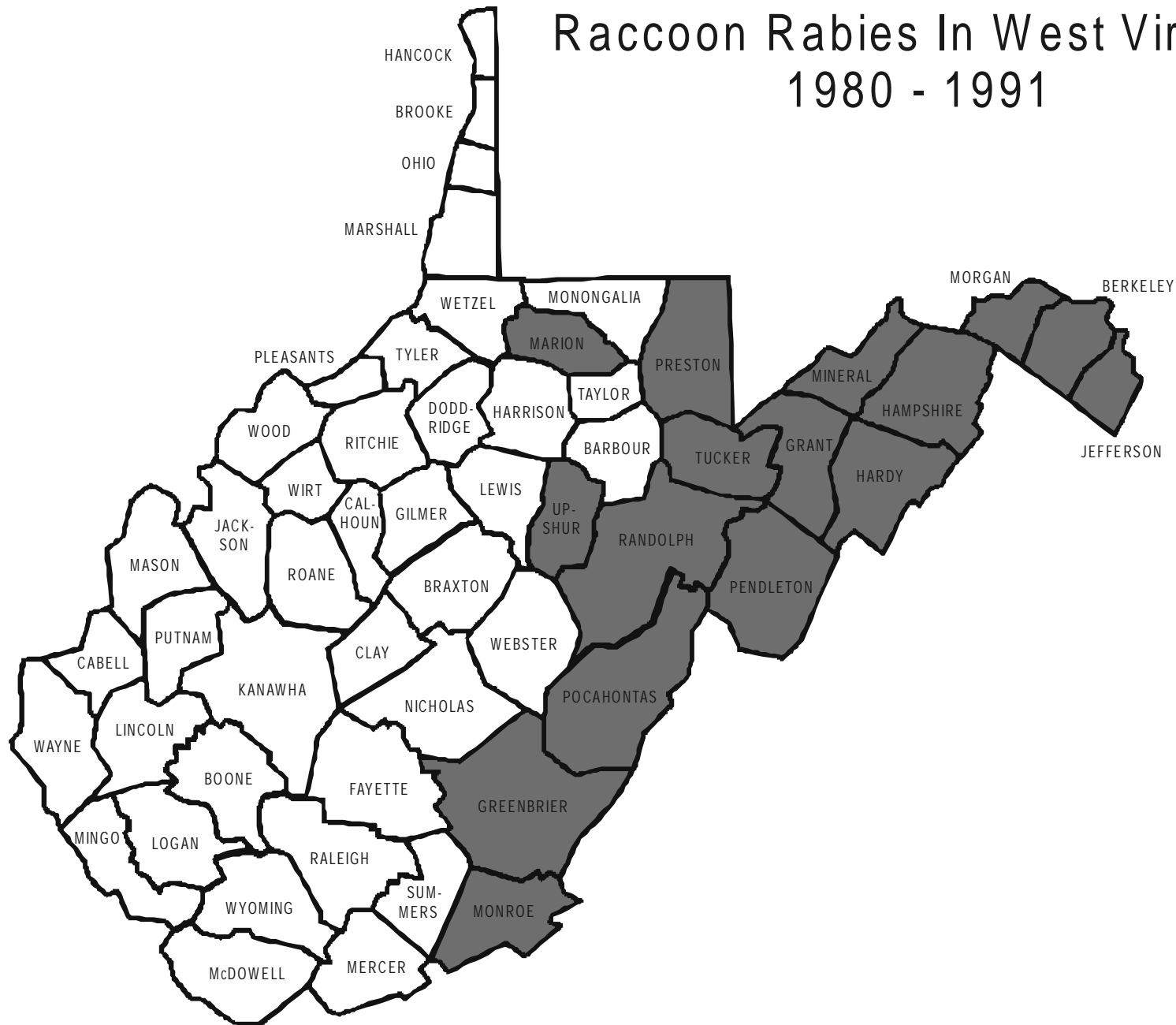


Raccoon Rabies In West Virginia 1980 - 1988

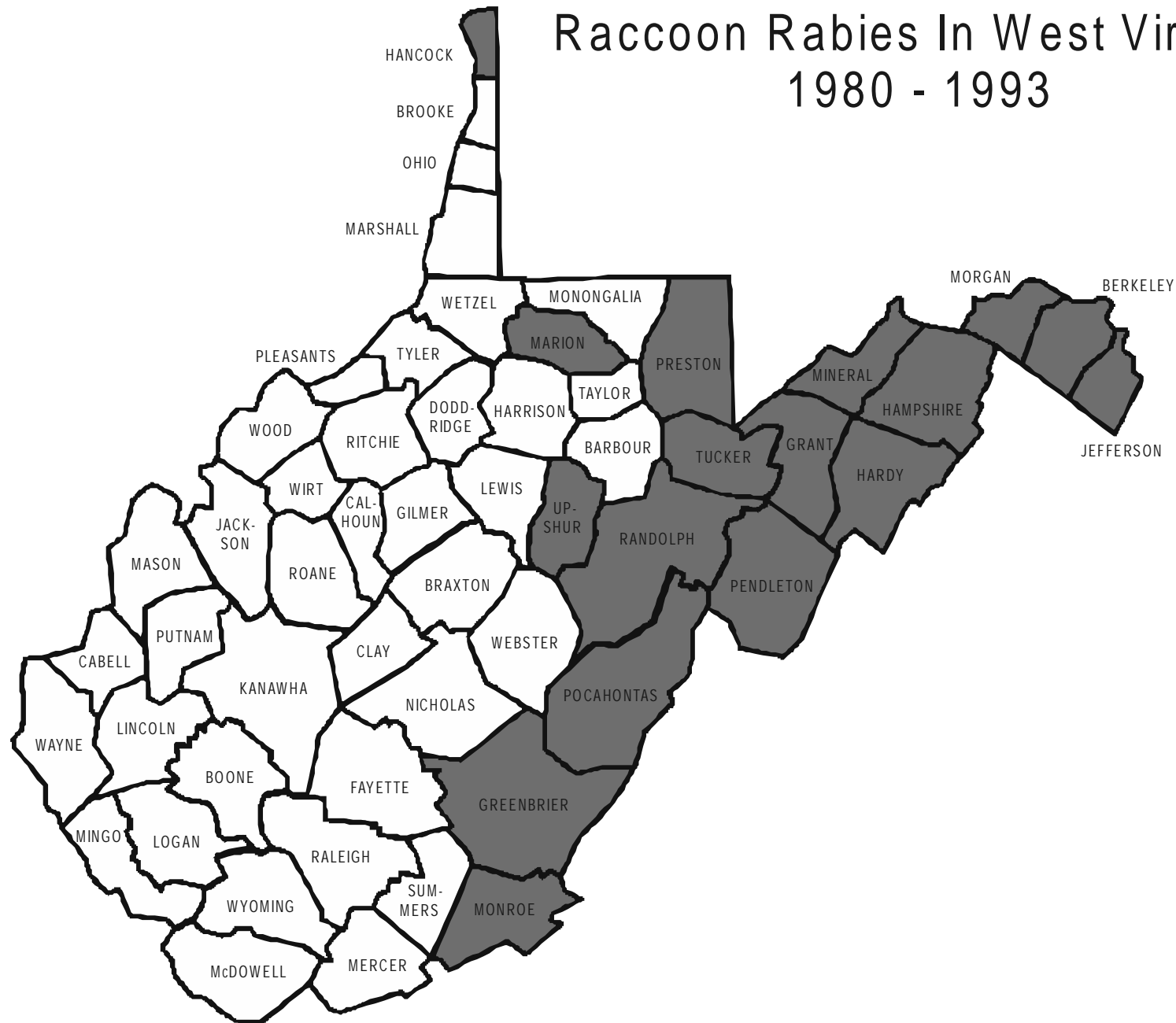
The map displays the following counties and their corresponding data status:

- White (No Data):** Hancock, Brooke, Ohio, Marshall, Wetzel, Monongalia, Marion, Taylor, Harrison, Barbour, Upshur, Randolph, Pocahontas, Greenbrier, Monroe, Mercer, McDowell, Wyoming, Raleigh, Fayette, Nicholas, Webster, Braxton, Gilmer, Calhoun, Roane, Jackson, Mason, Cabell, Putnam, Lincoln, Wayne, Mingo, Logan, Boone, Kanawha, Clay, Braxton, Webster, Pocahontas, Greenbrier, Randolph, Tucker, Grant, Hardy, Hampshire, Mineral, Morgan, Berkeley, and Jefferson.
- Light Gray (No Cases):** Pleasants, Tyler, Wood, Ritchie, Dodd-Ridge, Lewis, Wirt, Calhoun, Gilmer, Braxton, Webster, Pocahontas, Greenbrier, Randolph, Tucker, Grant, Hardy, Hampshire, Mineral, Morgan, Berkeley, and Jefferson.
- Dark Gray (Cases):** Hancock, Brooke, Ohio, Marshall, Wetzel, Monongalia, Marion, Taylor, Harrison, Barbour, Upshur, Randolph, Pocahontas, Greenbrier, Monroe, Mercer, McDowell, Wyoming, Raleigh, Fayette, Nicholas, Webster, Braxton, Gilmer, Calhoun, Roane, Jackson, Mason, Cabell, Putnam, Lincoln, Wayne, Mingo, Logan, Boone, Kanawha, Clay, Braxton, Webster, Pocahontas, Greenbrier, Randolph, Tucker, Grant, Hardy, Hampshire, Mineral, Morgan, Berkeley, and Jefferson.

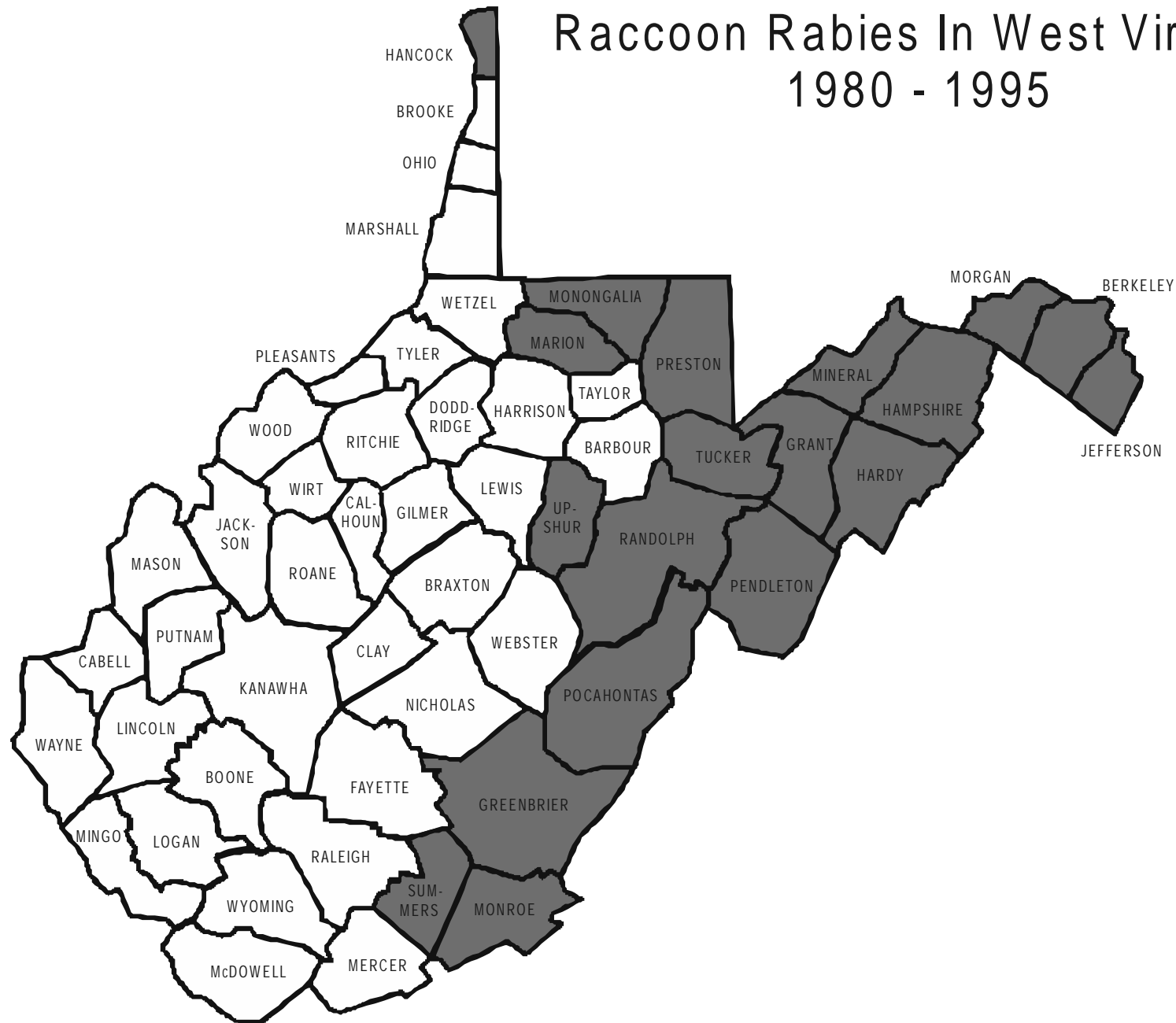
Raccoon Rabies In West Virginia 1980 - 1991



Raccoon Rabies In West Virginia 1980 - 1993



Raccoon Rabies In West Virginia 1980 - 1995

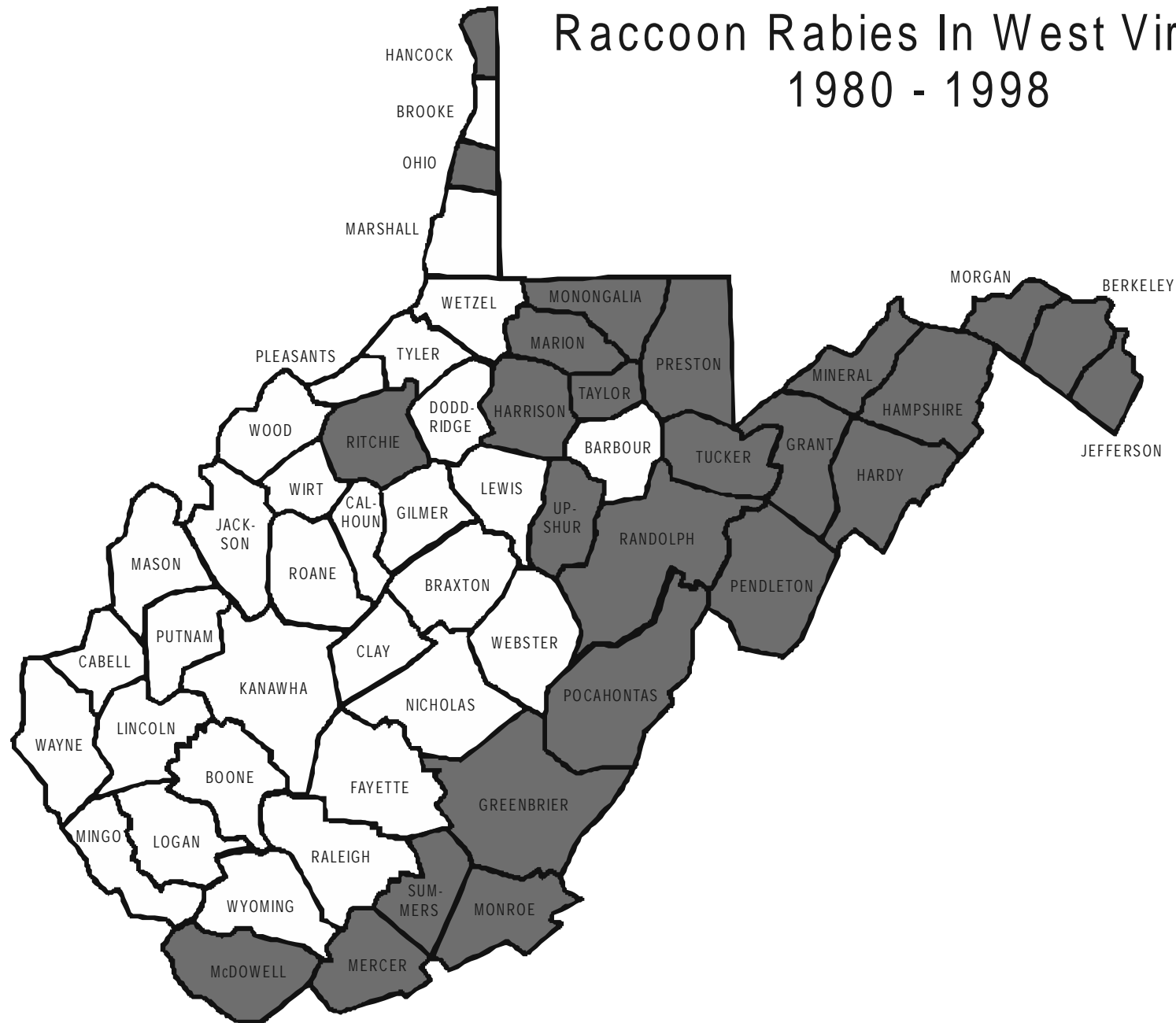


Raccoon Rabies In West Virginia 1980 - 1997

The map displays the following counties and their corresponding prevalence levels (based on the legend):

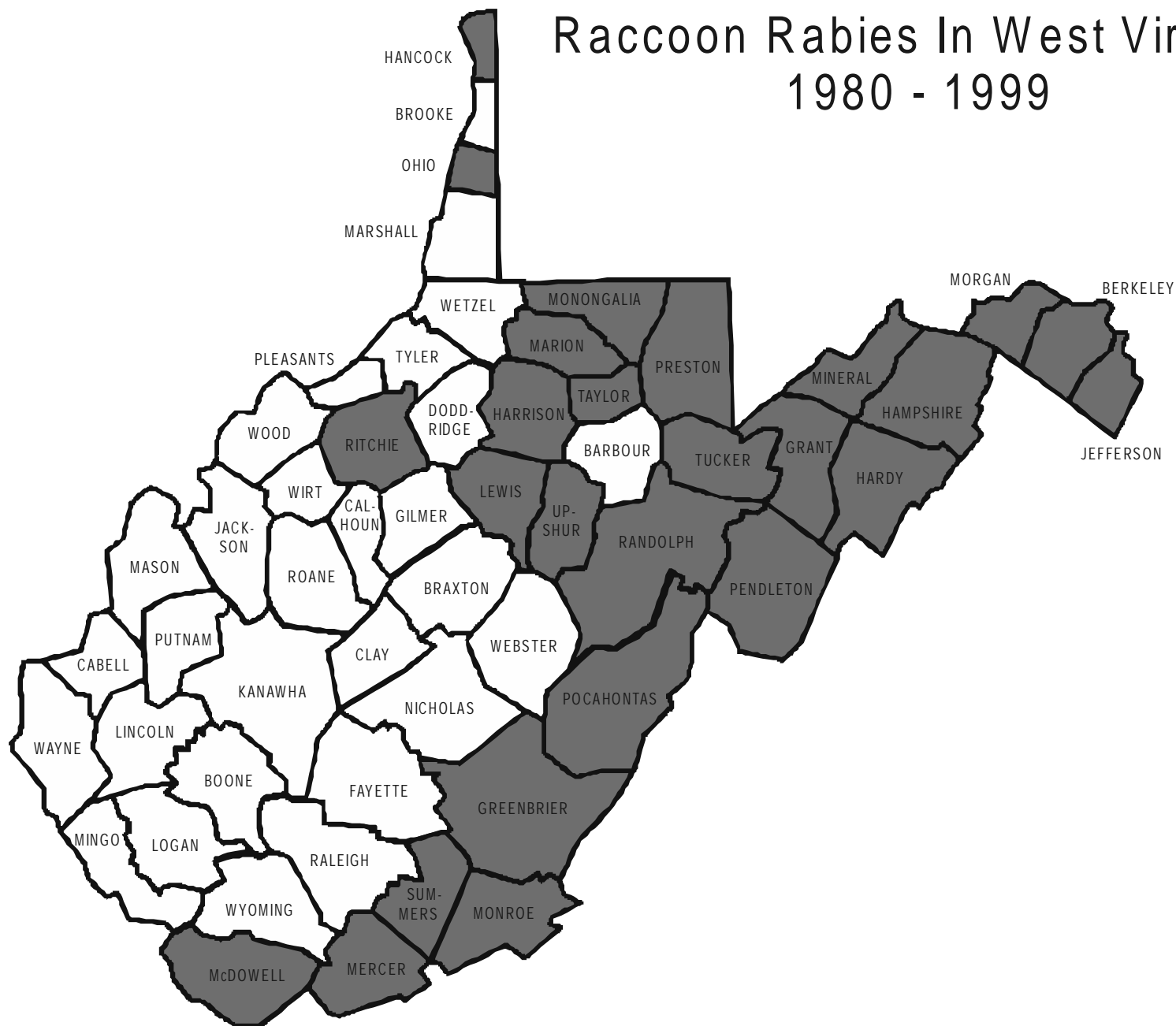
- Light Gray (0-10%):** Hancock, Brooke, Ohio, Marshall, Wetzel, Tyler, Pleasants, Wood, Wirt, Jackson, Mason, Cabell, Putnam, Wayne, Lincoln, Boone, Logan, Mingo, McDowell, Raleigh, Wyoming, Mercer, Summers, Monroe, Nicholas, Braxton, Clay, Roane, Calhoun, Gilmer, Lewis, Harrison, Dodd-Ridge, Ritchie, Barbour, Taylor, Marion, Preston, Tucker, Grant, Hardy, Hampshire, Morgan, Berkeley, Jefferson.
- Medium Gray (11-20%):** Up-Shur, Randolph, Pendleton, Pocahontas, Greenbrier, Fayette, Kanawha, Putnam, Lincoln, Boone, Logan, Mingo, McDowell, Raleigh, Wyoming, Mercer, Summers, Monroe, Nicholas, Braxton, Clay, Roane, Calhoun, Gilmer, Lewis, Harrison, Dodd-Ridge, Ritchie, Barbour, Taylor, Marion, Preston, Tucker, Grant, Hardy, Hampshire, Morgan, Berkeley, Jefferson.
- Dark Gray (21-30%):** Hancock, Brooke, Ohio, Marshall, Wetzel, Tyler, Pleasants, Wood, Wirt, Jackson, Mason, Cabell, Putnam, Wayne, Lincoln, Boone, Logan, Mingo, McDowell, Raleigh, Wyoming, Mercer, Summers, Monroe, Nicholas, Braxton, Clay, Roane, Calhoun, Gilmer, Lewis, Harrison, Dodd-Ridge, Ritchie, Barbour, Taylor, Marion, Preston, Tucker, Grant, Hardy, Hampshire, Morgan, Berkeley, Jefferson.

Raccoon Rabies In West Virginia 1980 - 1998



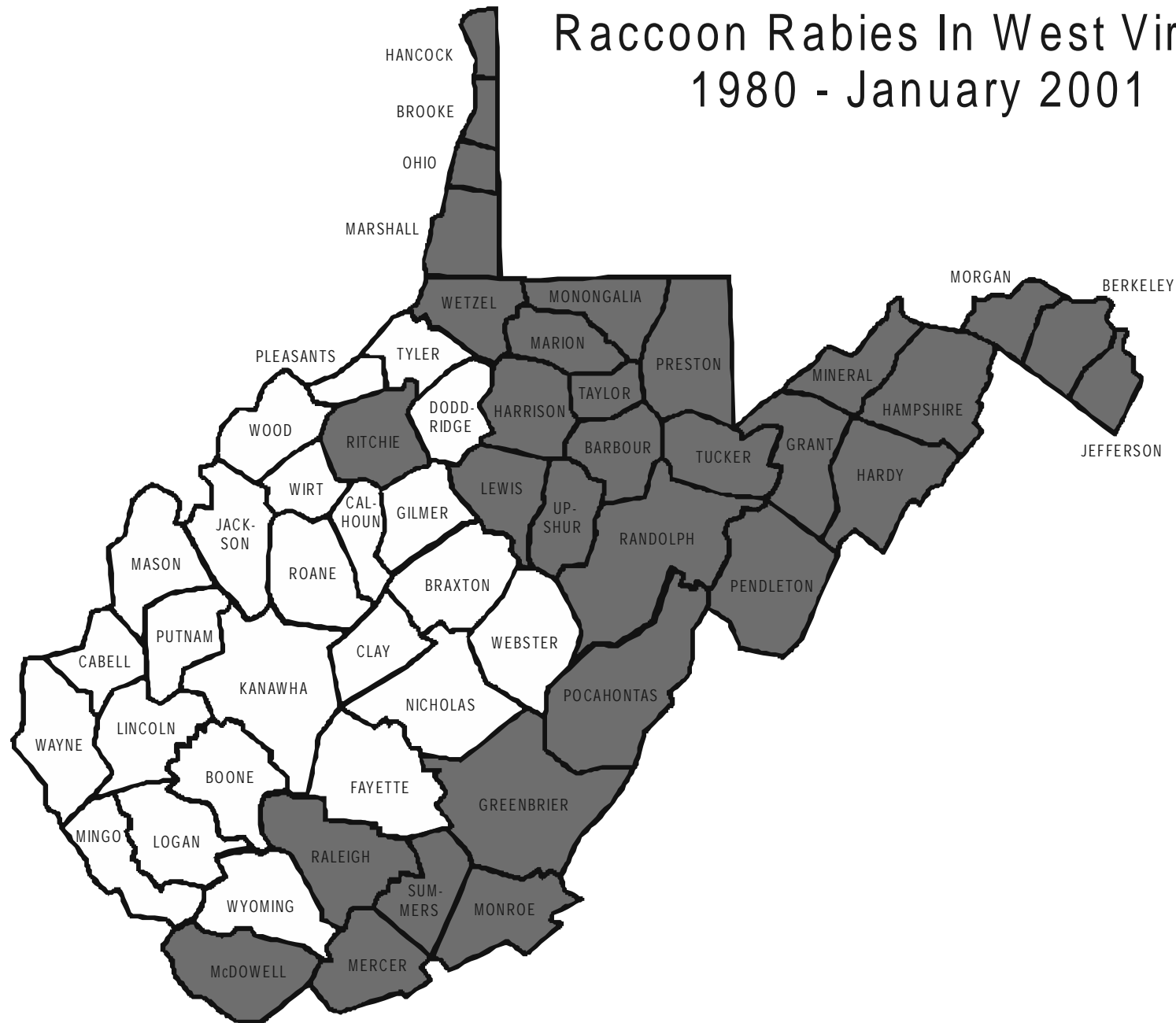
Raccoon Rabies In West Virginia

1980 - 1999

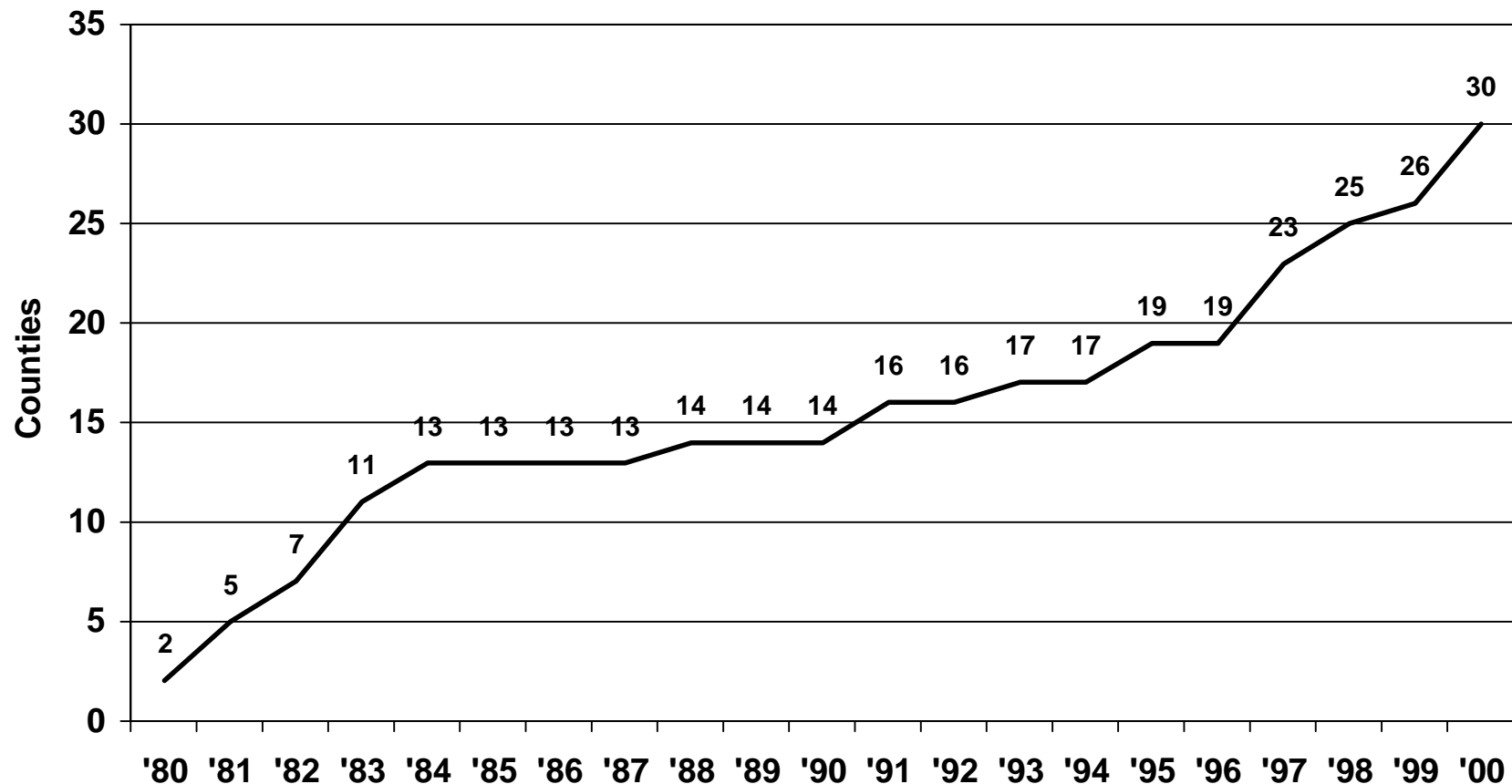


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Raccoon Rabies In West Virginia 1980 - January 2001



Cumulative Number of West Virginia Counties Reporting at Least One Case of Raccoon Rabies 1980 - 2000

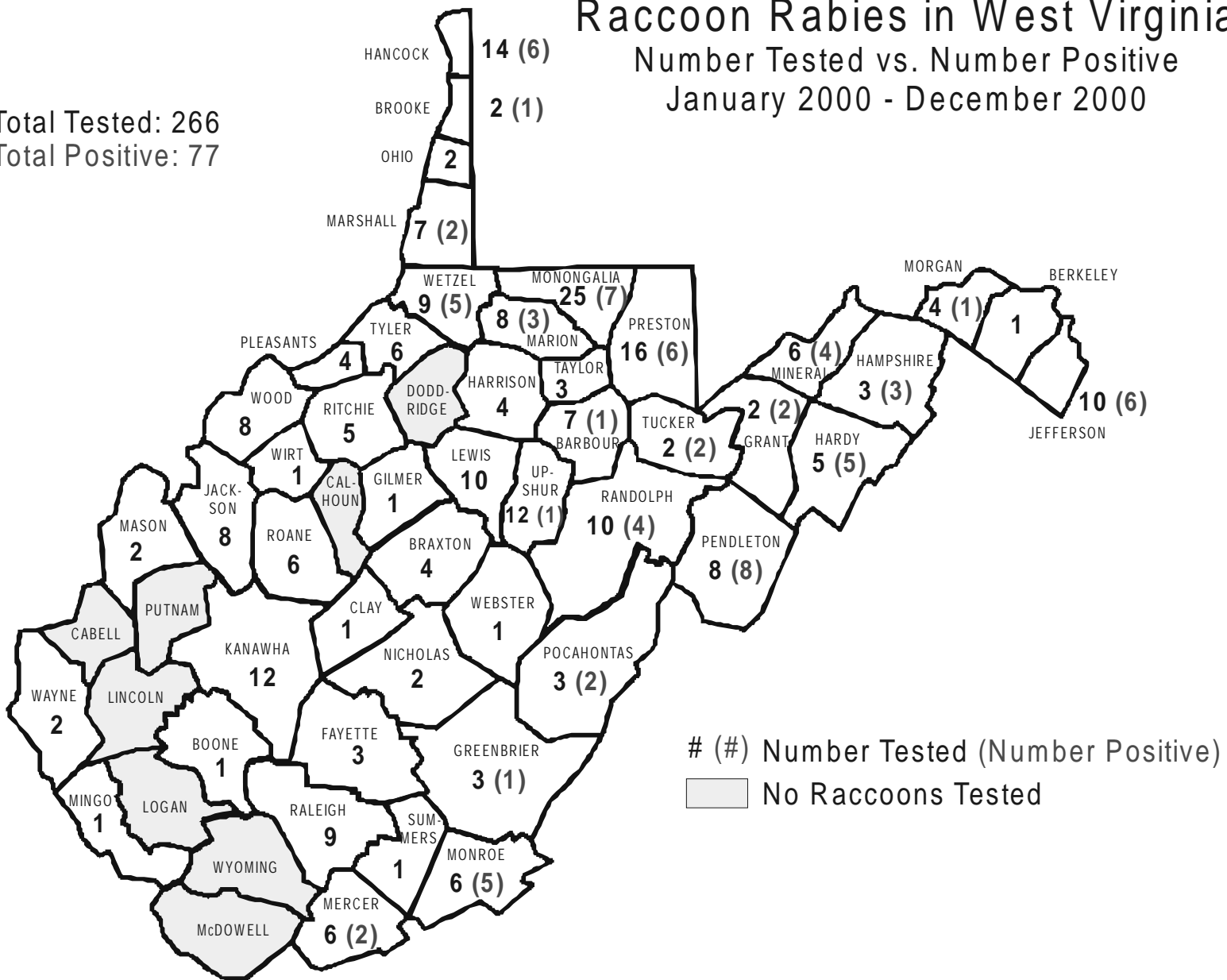


Raccoon Rabies in West Virginia

Number Tested vs. Number Positive

January 2000 - December 2000

Total Tested: 266
Total Positive: 77



TO BAIT OR NOT TO BAIT?

- *Why are we interested in conducting an oral rabies vaccination program?*
- *Where do we drop the bait?*
- *Why conduct active raccoon rabies surveillance?*

West Virginia Counties Targeted for Active Raccoon Rabies Surveillance

Last Revised 2/02/2001

