



# **WEST VIRGINIA TUBERCULOSIS PROFILE ANNUAL REPORT 2024**

**WEST VIRGINIA DEPARTMENT OF HEALTH  
BUREAU FOR PUBLIC HEALTH  
WEST VIRGINIA TUBERCULOSIS ELIMINATION PROGRAM**

**Telephone**

(304) 558-3669

**Toll-free in West Virginia**

(800) 330-8126

**Fax**

(304) 558-1825

**Website**

[oeeps.wv.gov/tuberculosis](http://oeeps.wv.gov/tuberculosis)

**Staff**

**Stephanie McLemore, RN**

Director of the Tuberculosis Elimination Program

[Stephanie.D.McLemore@wv.gov](mailto:Stephanie.D.McLemore@wv.gov)

**Dr. Sandra Elliott, M.D.**

Medical Director for the Tuberculosis Elimination Program

**Sarah Miller, R.T.**

Radiologic Technologist for the Tuberculosis Elimination Program

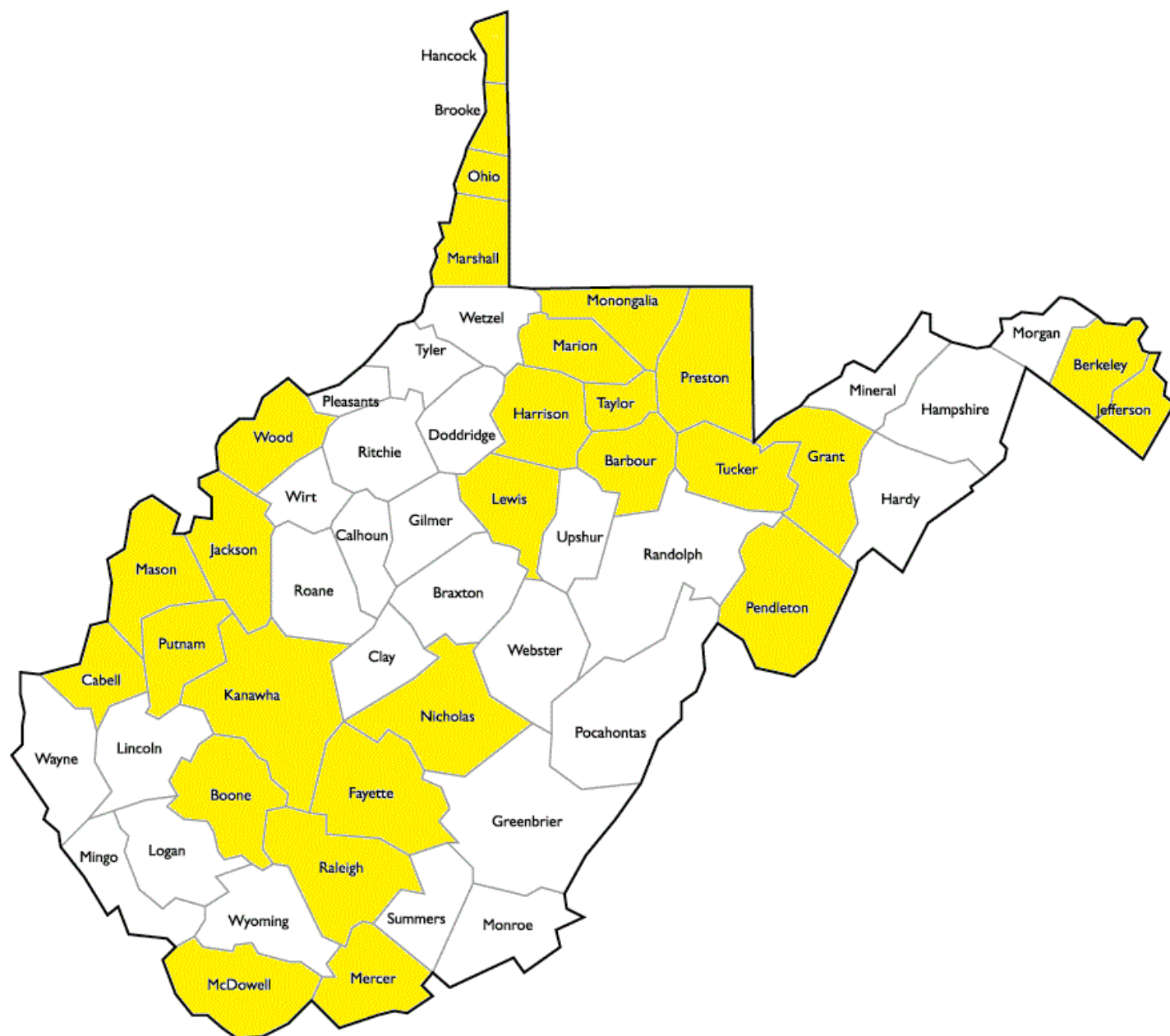
[Sarah.E.Miller@wv.gov](mailto:Sarah.E.Miller@wv.gov)

**Jon McCants**

Data Specialist for the Tuberculosis Elimination Program

[Jon.P.Mccants@wv.gov](mailto:Jon.P.Mccants@wv.gov)

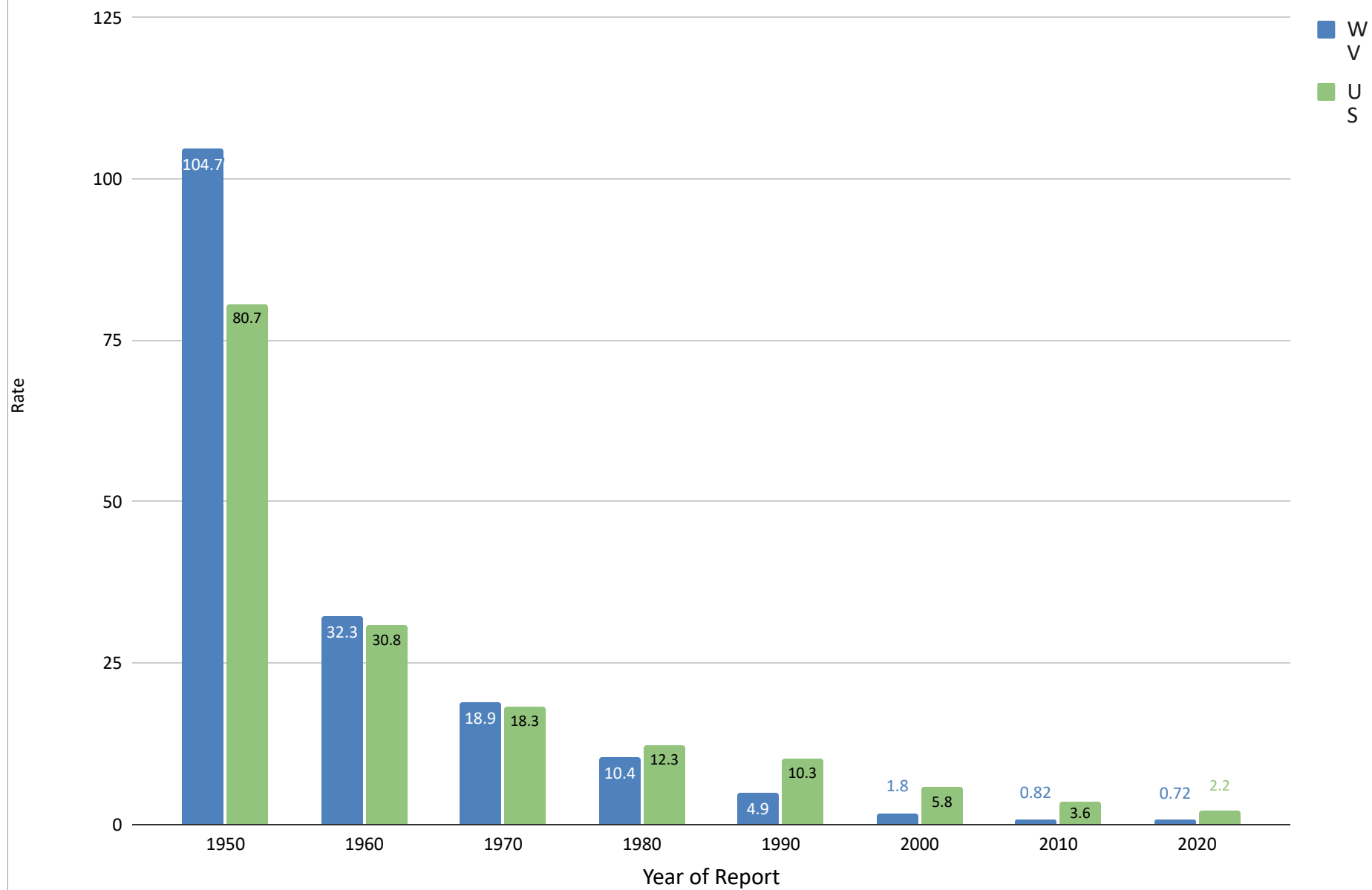
# WV Active Tuberculosis Cases by County, 2018-2024



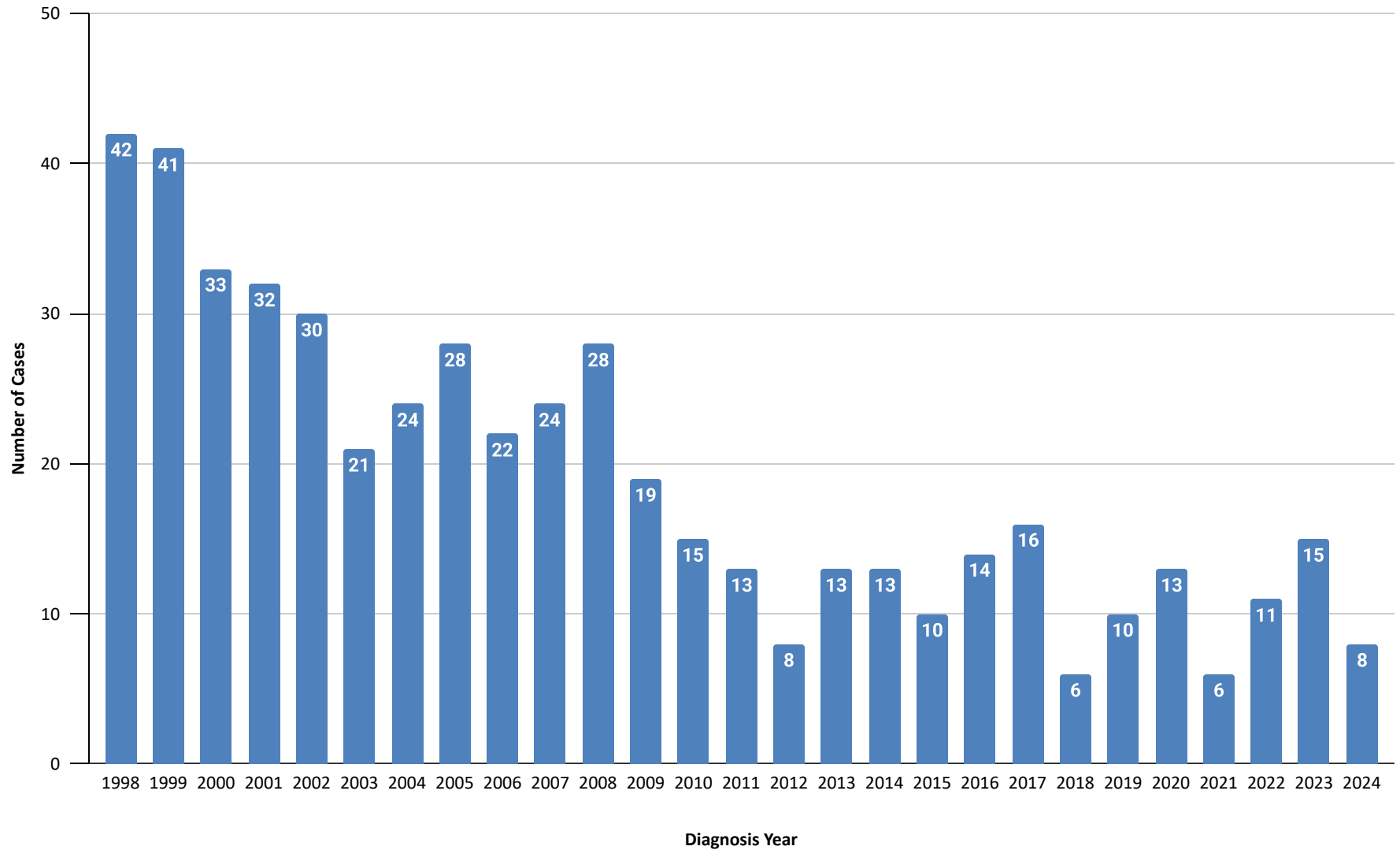
Each highlighted county may have one or multiple cases for the 2018-2024 period. This map is intended to show the geographic area of the cases only for the seven-year period.

This report reflects West Virginia's disciplined, data-driven approach to infectious disease surveillance. Tuberculosis rates remain low and below national averages, with zero TB-related deaths in 2024. Our focus remains early identification, appropriate treatment, and responsible public health stewardship, using proven tools, clear accountability, and target action rather than broad mandates or permanent program expansion.

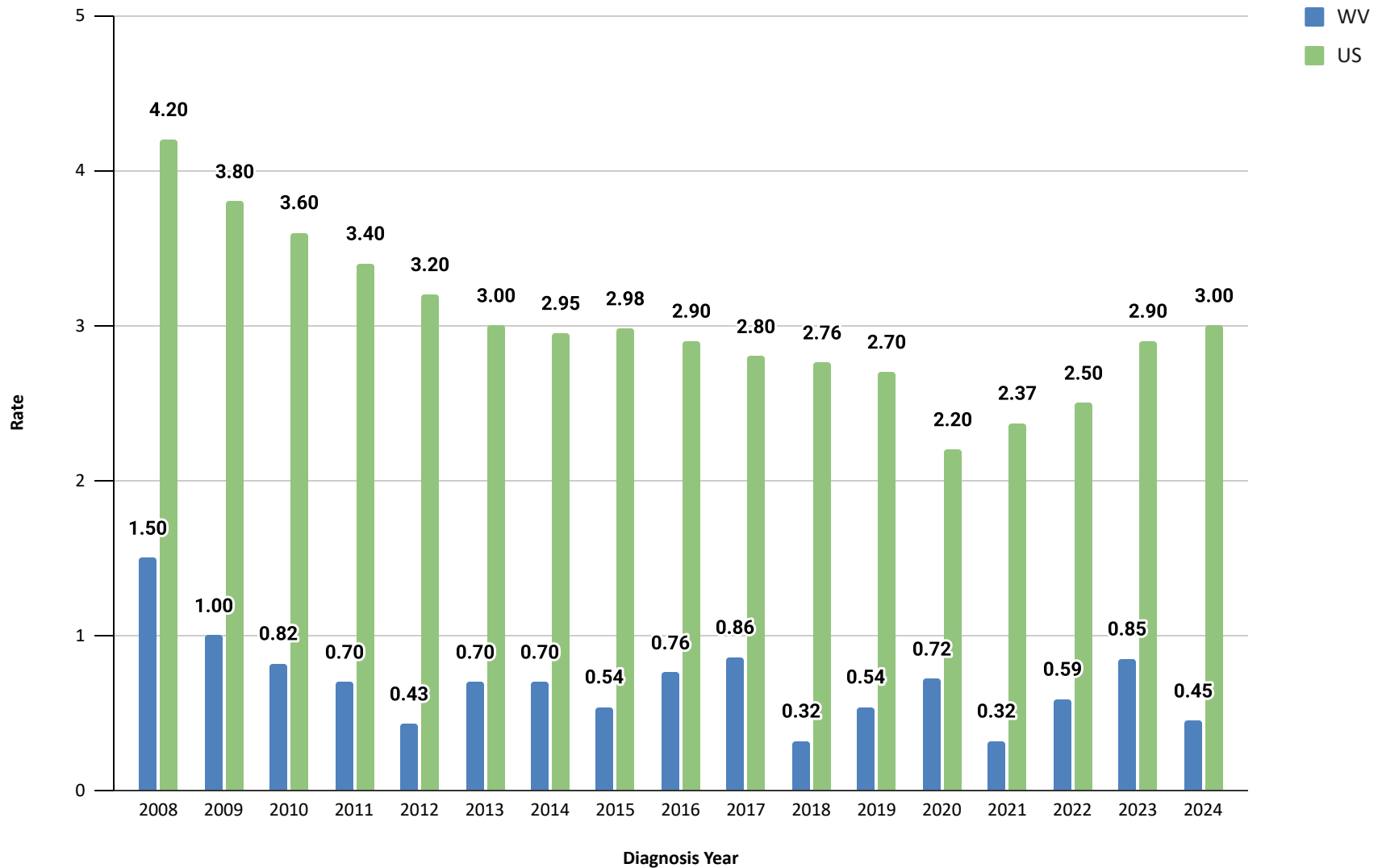
TB Incidence Rate by Year of Report  
WV and US Decennial Rates, 1950-2020



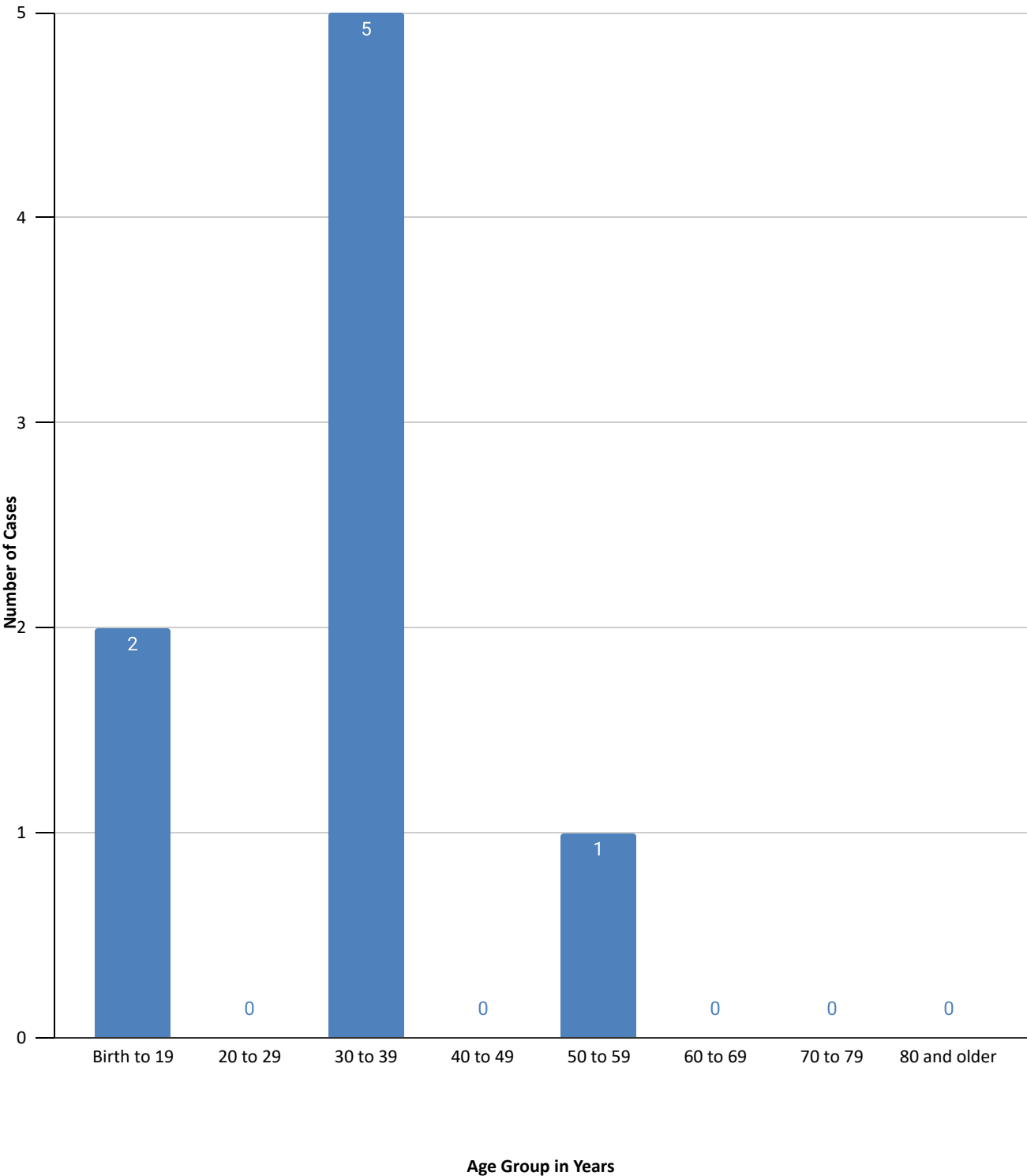
# Newly Diagnosed Active TB Cases in WV by Year of Diagnosis



## TB Incidence Rates by Diagnosis Year, WV and US 2008-2024

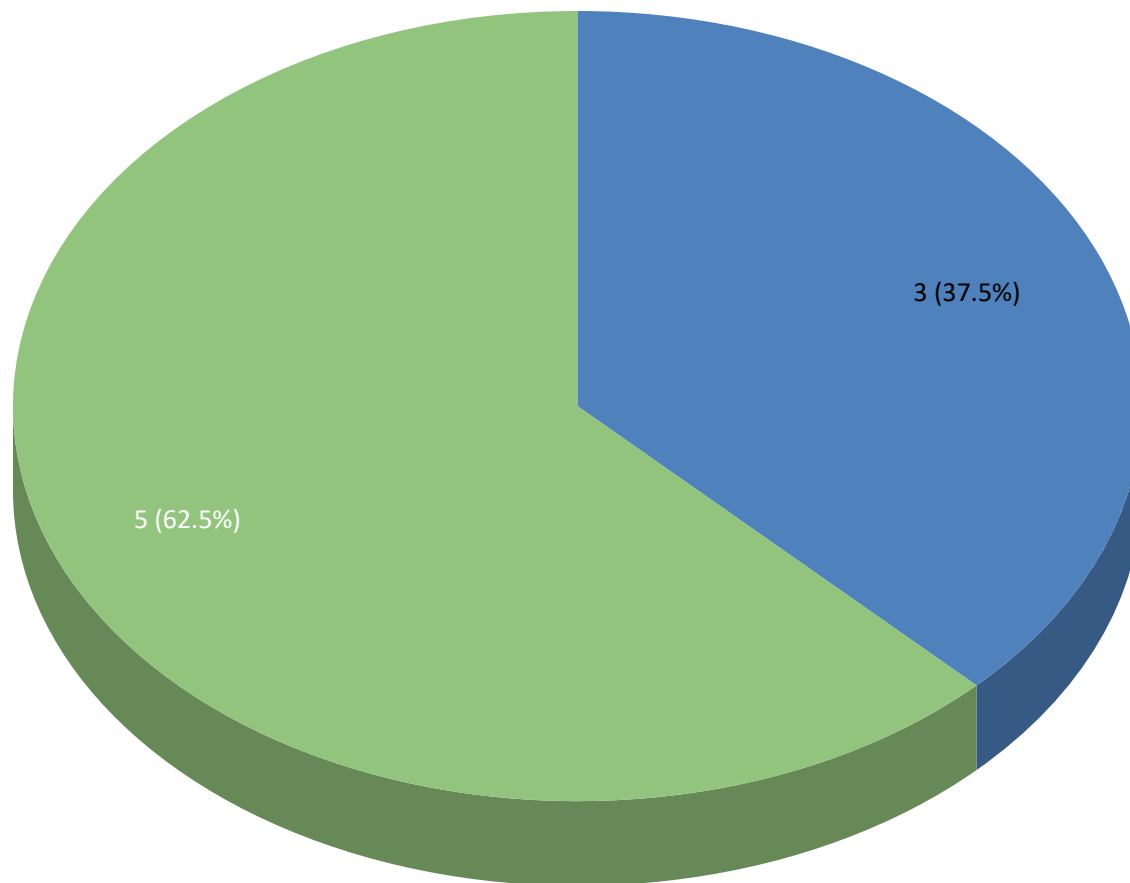


WV Cases of Active TB by Age Group at Diagnosis - 2024



WV TB Active Cases by Country of Origin - 2024

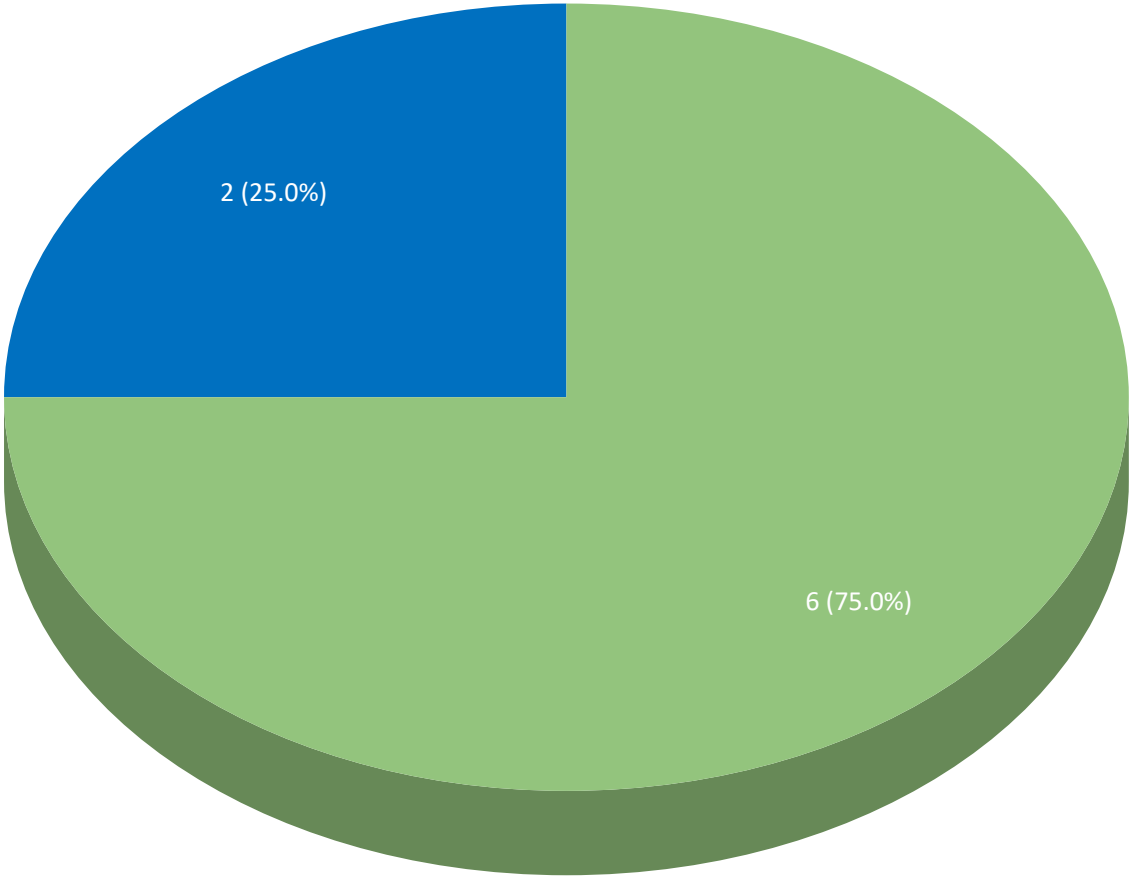
- US
- Non-US



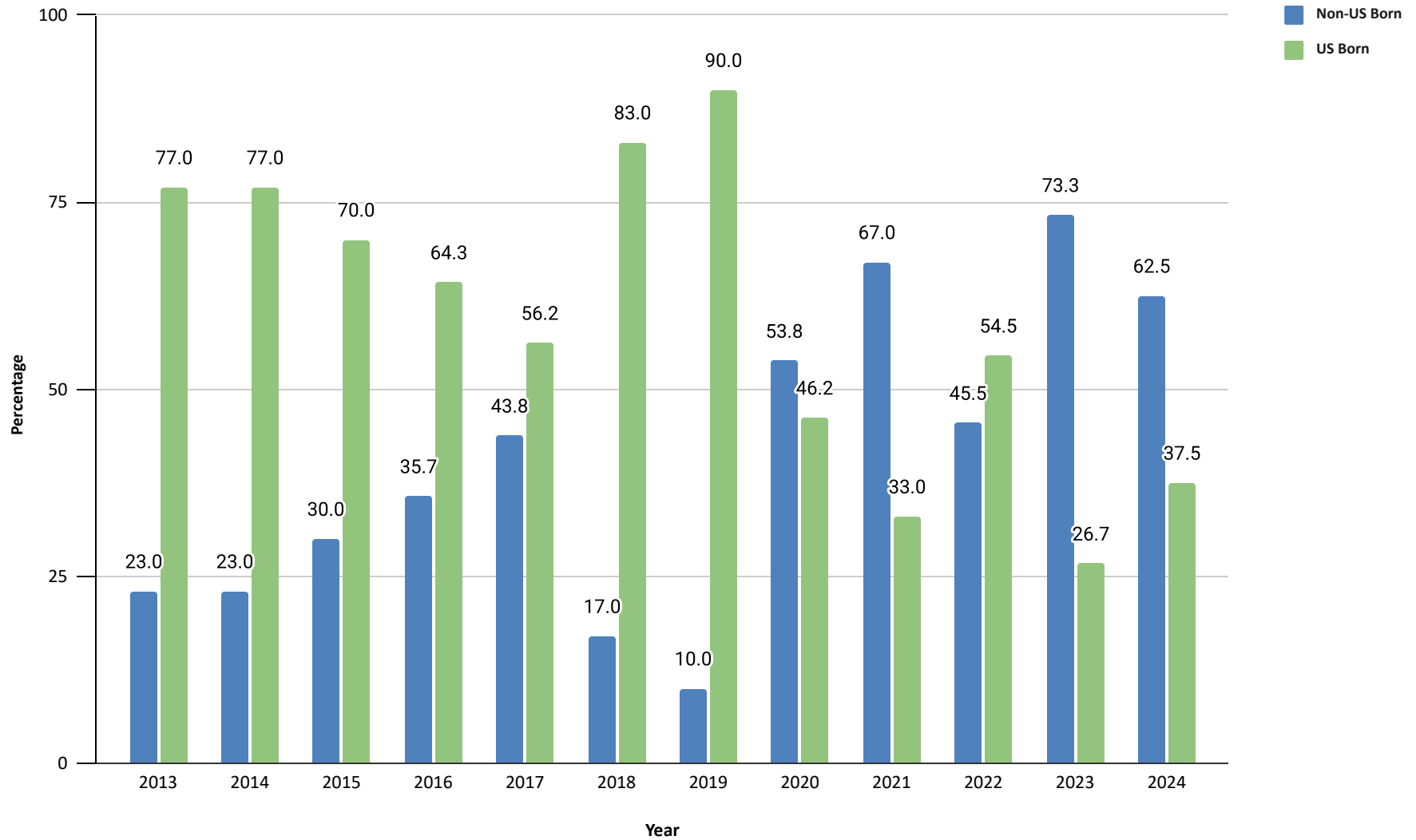


Gender of WV Active TB Cases - 2024

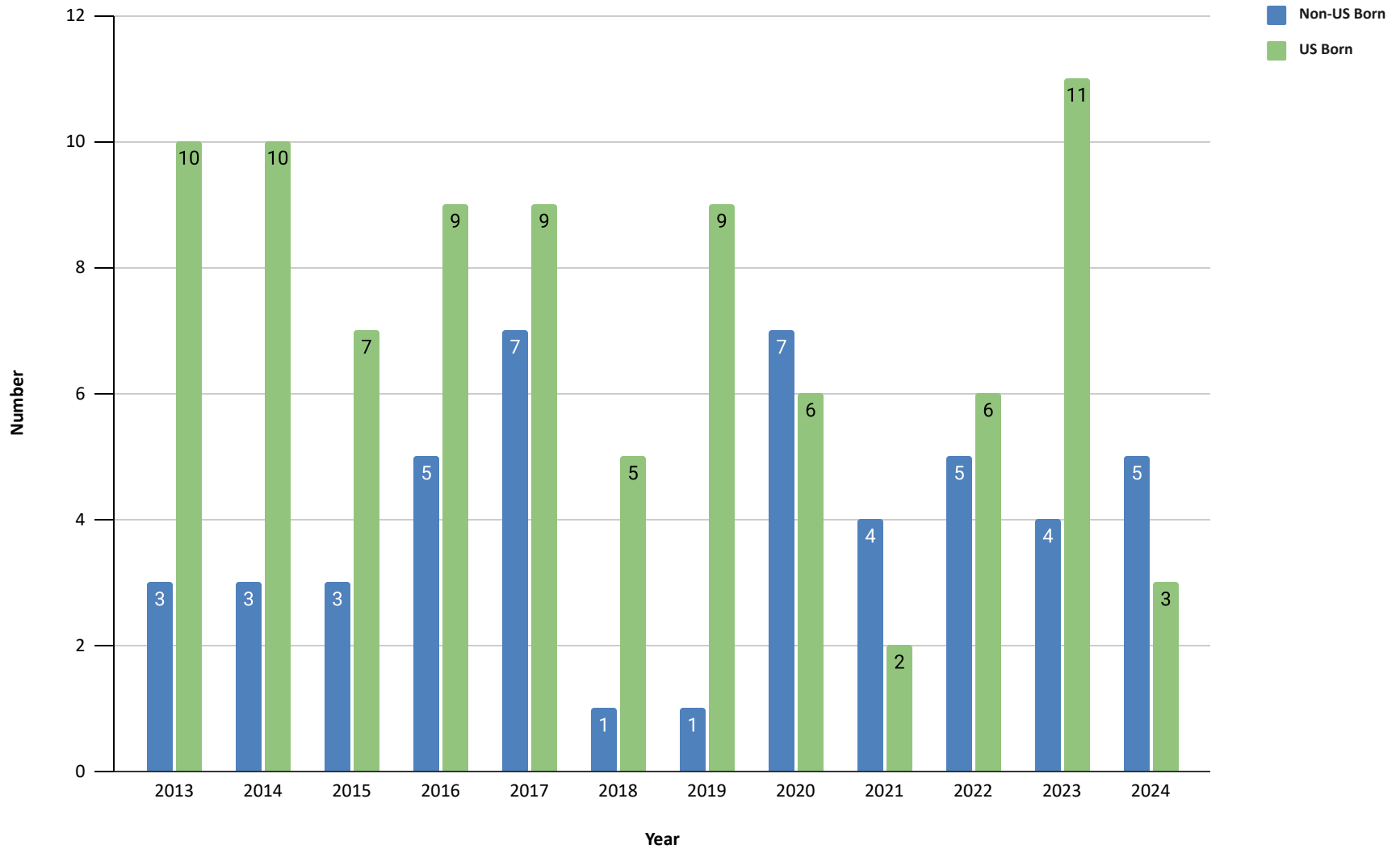
- Male
- Female



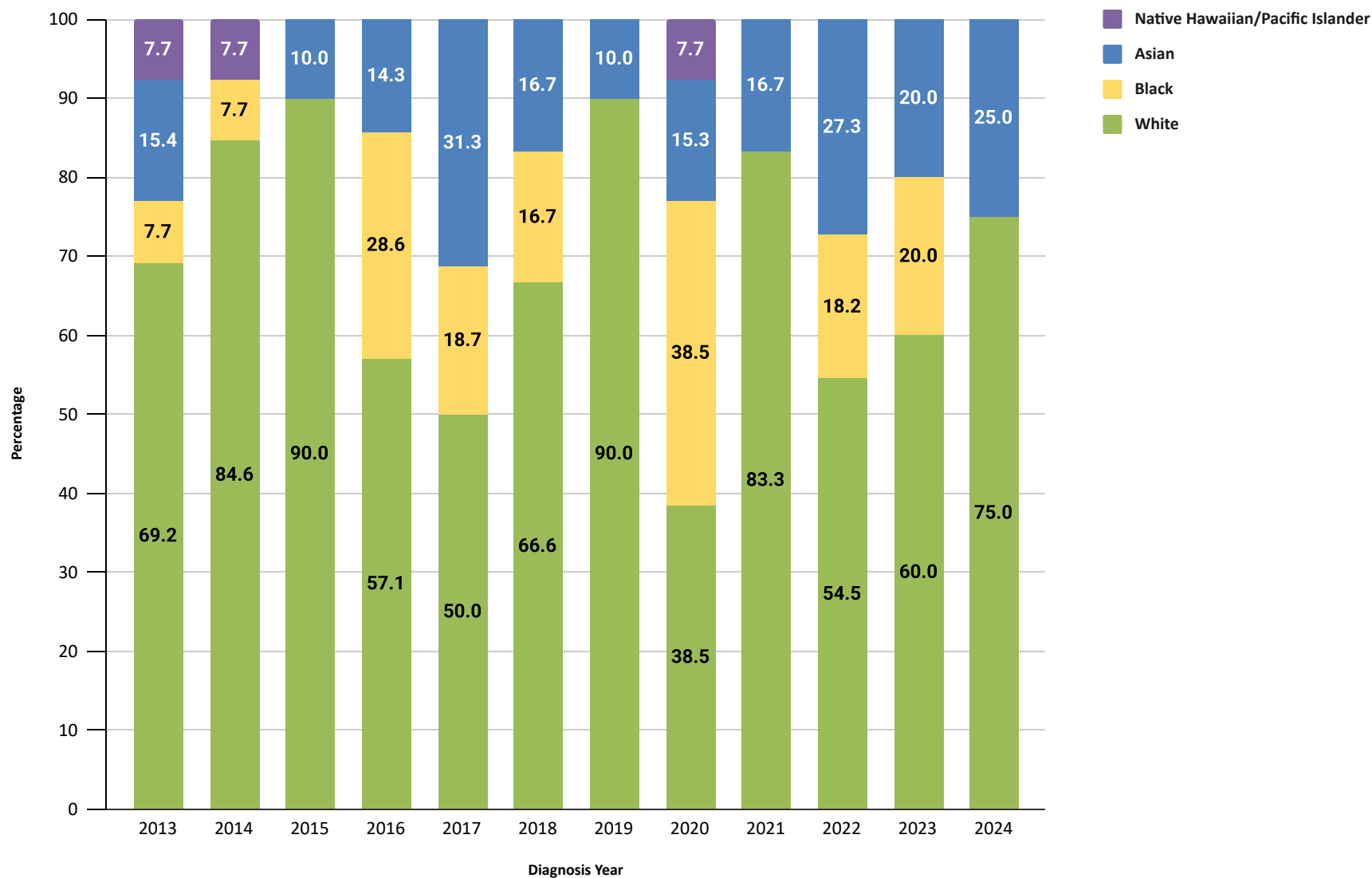
**Percentage of WV Active TB Cases  
Non-US Born vs. US Born  
2013-2024**



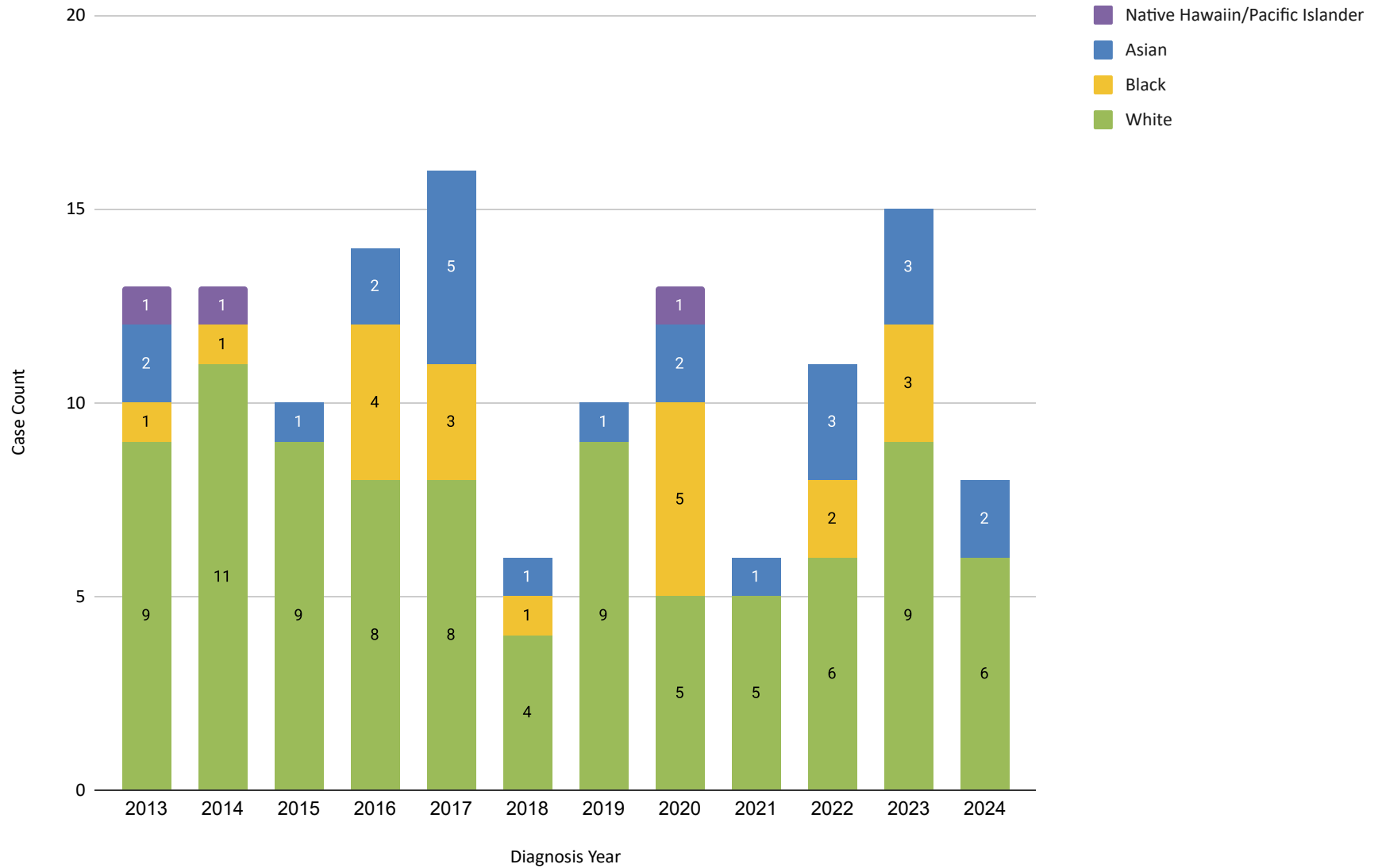
**Number of WV Active TB Cases  
Non-US Born vs. US Born  
2013-2024**



## Race of WV Active TB Cases by Diagnosis Year 2013-2024



## Race of WV Active TB Cases by Diagnosis Year 2013-2024



**Reported Risk Factors and Occupations**  
**WV TB Cases, 2024**

| <b>RISK FACTOR</b>                                        | <b>NUMBER</b> | <b>Percentage of 2024 Cases</b> |
|-----------------------------------------------------------|---------------|---------------------------------|
| Lived outside of the United States for more than 2 months | 4             | 50.00%                          |
| Non-Injected Drug Use                                     | 1             | 12.50%                          |
| Homeless in Past Year                                     | 1             | 12.50%                          |
| Ever been a Resident of Correctional Facility             | 1             | 12.50%                          |
| History of Homelessness                                   | 1             | 12.50%                          |
| Contact to an Active Tuberculosis Case                    | 0             | 0.00%                           |
| Viral Hepatitis                                           | 0             | 0.00%                           |
| Immunocompromised related to HIV/AIDS                     | 0             | 0.00%                           |
| Immunocompromised not related to HIV/AIDS                 | 0             | 0.00%                           |
| Current Resident of Correctional Facility at Diagnosis    | 0             | 0.00%                           |
| Injected Drug Use                                         | 0             | 0.00%                           |
| Excessive Alcohol Use                                     | 0             | 0.00%                           |
| TNF Antagonist Therapy                                    | 0             | 0.00%                           |
| Post Organ Transplantation                                | 0             | 0.00%                           |
| End Stage Renal Disease                                   | 0             | 0.00%                           |
| Resident of Long-Term Care Facility at Diagnosis          | 0             | 0.00%                           |
| Diabetic                                                  | 0             | 0.00%                           |

|              |          |                |
|--------------|----------|----------------|
| <b>TOTAL</b> | <b>8</b> | <b>100.00%</b> |
|--------------|----------|----------------|

**OCCUPATION**

| <b>CLASSIFICATION</b>          | <b>NUMBER</b> | <b>PERCENT</b> |
|--------------------------------|---------------|----------------|
| None                           | 7             | 87.50%         |
| Healthcare Worker              | 1             | 12.50%         |
| Unknown                        | 0             | 0.00%          |
| Migratory/Seasonal Worker      | 0             | 0.00%          |
| Correctional Facility Employee | 0             | 0.00%          |

|              |          |                |
|--------------|----------|----------------|
| <b>TOTAL</b> | <b>8</b> | <b>100.00%</b> |
|--------------|----------|----------------|

**SURVEILLANCE CLINICAL DATA**  
For the Month - Year Counted  
Beginning 1/2024 and Ending 12/2024

Reporting Area: West Virginia Department of Health,  
Bureau for Public Health - All Counties

**STATUS AT DIAGNOSIS OF TB**

| CLASSIFICATION  | NUMBER OF RECORDS | PERCENT        |
|-----------------|-------------------|----------------|
| Alive           | 8                 | 100.00%        |
| Dead            | 0                 | 0.00%          |
| Unknown/Missing | 0                 | 0.00%          |
| <b>TOTAL</b>    | <b>8</b>          | <b>100.00%</b> |

**PREVIOUS DIAGNOSIS OF TB**

| CLASSIFICATION  | NUMBER OF RECORDS | PERCENT        |
|-----------------|-------------------|----------------|
| No              | 5                 | 62.50%         |
| Yes             | 3                 | 37.50%         |
| Unknown/Missing | 0                 | 0.00%          |
| <b>TOTAL</b>    | <b>8</b>          | <b>100.00%</b> |

**SITE OF DISEASE**

| CLASSIFICATION          | NUMBER OF RECORDS | PERCENT        |
|-------------------------|-------------------|----------------|
| Pulmonary               | 7                 | 87.50%         |
| Extrapulmonary          | 1                 | 12.50%         |
| Both                    | 0                 | 0.00%          |
| Site Not Stated/Missing | 0                 | 0.00%          |
| <b>TOTAL</b>            | <b>8</b>          | <b>100.00%</b> |

**SPUTUM SMEAR**

| CLASSIFICATION  | NUMBER OF RECORDS | PERCENT        |
|-----------------|-------------------|----------------|
| Positive        | 5                 | 62.50%         |
| Negative        | 2                 | 25.00%         |
| Not Done        | 0                 | 0.00%          |
| Unknown/Missing | 1                 | 12.50%         |
| <b>TOTAL</b>    | <b>8</b>          | <b>100.00%</b> |

**SURVEILLANCE CLINICAL DATA**  
For the Month - Year Counted  
Beginning 1/2024 and Ending 12/2024  
(continued)

**SPUTUM CULTURE**

| CLASSIFICATION  | NUMBER OF RECORDS | PERCENT        |
|-----------------|-------------------|----------------|
| Positive        | 5                 | 62.50%         |
| Negative        | 2                 | 25.00%         |
| Not Done        | 0                 | 0.00%          |
| Unknown/Missing | 1                 | 12.50%         |
| <b>TOTAL</b>    | <b>8</b>          | <b>100.00%</b> |

**MICROSCOPIC EXAM OF TISSUE AND OTHER BODY FLUIDS**

| CLASSIFICATION  | NUMBER OF RECORDS | PERCENT        |
|-----------------|-------------------|----------------|
| Positive        | 0                 | 0.00%          |
| Negative        | 1                 | 12.50%         |
| Not Done        | 0                 | 0.00%          |
| Unknown/Missing | 7                 | 87.50%         |
| <b>TOTAL</b>    | <b>8</b>          | <b>100.00%</b> |

**CULTURE OF TISSUE AND OTHER BODY FLUIDS**

| CLASSIFICATION  | NUMBER OF RECORDS | PERCENT        |
|-----------------|-------------------|----------------|
| Positive        | 1                 | 12.50%         |
| Negative        | 1                 | 12.50%         |
| Not Done        | 0                 | 0.00%          |
| Unknown/Missing | 6                 | 75.00%         |
| <b>TOTAL</b>    | <b>8</b>          | <b>100.00%</b> |

**CHEST X-RAY**

| CLASSIFICATION           | NUMBER OF RECORDS | PERCENT        |
|--------------------------|-------------------|----------------|
| Normal                   | 0                 | 0.00%          |
| Abnormal                 | 8                 | 100.00%        |
| Not Done/Unknown/Missing | 0                 | 0.00%          |
| <b>TOTAL</b>             | <b>8</b>          | <b>100.00%</b> |



**SURVEILLANCE CLINICAL DATA**  
For the Month - Year Counted  
Beginning 1/2024 and Ending 12/2024  
(continued)

**TUBERCULIN (MANTOUX) SKIN TEST AT DIAGNOSIS**

| <b>CLASSIFICATION</b> | <b>NUMBER OF RECORDS</b> | <b>PERCENT</b> |
|-----------------------|--------------------------|----------------|
| Positive              | 0                        | 0.00%          |
| Negative              | 1                        | 12.50%         |
| Not Done              | 1                        | 12.50%         |
| Unknown               | 0                        | 0.00%          |
| Missing               | 6                        | 75.00%         |
| <b>TOTAL</b>          | <b>8</b>                 | <b>100.00%</b> |

**HIV STATUS**

| <b>CLASSIFICATION</b>      | <b>NUMBER OF RECORDS</b> | <b>PERCENT</b> |
|----------------------------|--------------------------|----------------|
| Negative                   | 8                        | 100.00%        |
| Positive                   | 0                        | 0.00%          |
| Indeterminate              | 0                        | 0.00%          |
| Refused                    | 0                        | 0.00%          |
| Not Offered                | 0                        | 0.00%          |
| Test Done, Results Unknown | 0                        | 0.00%          |
| Unknown                    | 0                        | 0.00%          |
| Missing                    | 0                        | 0.00%          |
| <b>TOTAL</b>               | <b>8</b>                 | <b>100.00%</b> |

**INITIAL DRUG REGIMEN**

| <b>CLASSIFICATION</b>   | <b>NUMBER OF RECORDS</b> | <b>PERCENT</b> |
|-------------------------|--------------------------|----------------|
| Standard RIPE treatment | 7                        | 87.50%         |
| Non Standard treatment  | 1                        | 12.50%         |
| No treatment started    | 0                        | 0.00%          |
| Unknown                 | 0                        | 0.00%          |
| <b>TOTAL</b>            | <b>8</b>                 | <b>100.00%</b> |

**NEWLY REPORTED VERIFIED ACTIVE CASES OF TUBERCULOSIS IN WEST VIRGINIA, 2016-2024**  
**INCIDENCE RATES \* (I-RATE) ARE SHOWN PER 100,000 RESIDENTS**

| COUNTY     | POPULATION<br>2020 CENSUS | 2016<br>I-RATE | 2017<br>I-RATE | 2018<br>I-RATE | 2019<br>I-RATE | 2020<br>I-RATE | 2021<br>I-RATE | 2022<br>I-RATE | 2023<br>I-RATE | 2024<br>I-RATE |
|------------|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Barbour    | 15,465                    | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 6.47           | 0.00           | 12.93          |
| Berkeley   | 122,076                   | 2.46           | 0.82           | 0.00           | 0.00           | 1.64           | 0.82           | 1.64           | 1.6            | 3.28           |
| Boone      | 21,809                    | 0.00           | 4.59           | 0.00           | 0.00           | 4.59           | 0.00           | 0.00           | 0.00           | 0              |
| Braxton    | 12,447                    | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Brooke     | 22,559                    | 0.00           | 0.00           | 4.43           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Cabell     | 94,350                    | 6.36           | 1.06           | 0.00           | 1.06           | 2.12           | 0.00           | 0.00           | 0.00           | 0              |
| Calhoun    | 6,229                     | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Clay       | 8,051                     | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Doddridge  | 7,808                     | 12.81          | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Fayette    | 40,488                    | 0.00           | 0.00           | 2.47           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Gilmer     | 7,408                     | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Grant      | 10,976                    | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 9.1            | 0              |
| Greenbrier | 32,977                    | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Hampshire  | 23,093                    | 0.00           | 4.33           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Hancock    | 29,095                    | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 3.4            | 0              |
| Hardy      | 14,299                    | 0.00           | 6.99           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Harrison   | 65,921                    | 0.00           | 0.00           | 1.52           | 0.00           | 0.00           | 0.00           | 1.52           | 1.5            | 0              |
| Jackson    | 27,791                    | 0.00           | 0.00           | 3.60           | 0.00           | 0.00           | 3.60           | 0.00           | 3.6            | 0              |
| Jefferson  | 57,701                    | 1.73           | 0.00           | 0.00           | 0.00           | 1.73           | 0.00           | 0.00           | 0.00           | 0              |
| Kanawha    | 180,745                   | 0.00           | 0.55           | 0.00           | 0.55           | 1.11           | 0.55           | 0.00           | 1.1            | 0              |
| Lewis      | 17,033                    | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 5.87           |
| Lincoln    | 20,463                    | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Logan      | 32,567                    | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Marion     | 19,111                    | 0.00           | 0.00           | 0.00           | 5.23           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Marshall   | 56,205                    | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 1.78           | 0.00           | 0.00           | 0              |
| Mason      | 30,591                    | 0.00           | 0.00           | 3.27           | 0.00           | 0.00           | 0.00           | 3.27           | 0.00           | 0              |
| McDowell   | 25,453                    | 0.00           | 0.00           | 0.00           | 7.86           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Mercer     | 59,664                    | 0.00           | 0.00           | 1.68           | 0.00           | 0.00           | 0.00           | 0.00           | 1.7            | 0              |
| Mineral    | 26,938                    | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Mingo      | 23,568                    | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Monongalia | 105,822                   | 0.94           | 1.89           | 0.00           | 1.89           | 3.78           | 0.00           | 1.89           | 0.00           | 0              |
| Monroe     | 12,376                    | 0.00           | 8.08           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Morgan     | 17,063                    | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Nicholas   | 24,604                    | 0.00           | 0.00           | 0.00           | 0.00           | 4.06           | 4.06           | 0.00           | 4.1            | 0              |
| Ohio       | 42,425                    | 0.00           | 2.36           | 0.00           | 2.36           | 0.00           | 0.00           | 2.36           | 0.00           | 0              |
| Pendleton  | 6,143                     | 0.00           | 0.00           | 0.00           | 16.28          | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Pleasants  | 7,653                     | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Pocahontas | 7,869                     | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Preston    | 34,216                    | 0.00           | 2.92           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 2.9            | 0              |

\* Incidence rates must be interpreted with caution due to the smaller population of some counties.

**NEWLY REPORTED VERIFIED ACTIVE CASES OF TUBERCULOSIS IN WEST VIRGINIA, 2016-2024**

**INCIDENCE RATES \* (I-RATE) ARE SHOWN PER 100,000 RESIDENTS**

| COUNTY               | POPULATION<br>2020 CENSUS | 2016<br>I-RATE | 2017<br>I-RATE | 2018<br>I-RATE | 2019<br>I-RATE | 2020<br>I-RATE | 2021<br>I-RATE | 2022<br>I-RATE | 2023<br>I-RATE | 2024<br>I-RATE |
|----------------------|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Putnam               | 57,440                    | 0.00           | 5.22           | 0.00           | 0.00           | 0.00           | 1.74           | 1.74           | 1.7            | 1.74           |
| Raleigh              | 74,591                    | 1.34           | 1.34           | 0.00           | 1.34           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Randolph             | 27,932                    | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Ritchie              | 8,444                     | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Roane                | 14,028                    | 0.00           | 7.13           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Summers              | 11,959                    | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Taylor               | 16,705                    | 5.99           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 6.0            | 0              |
| Tucker               | 6,762                     | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 14.79          | 14.8           | 0              |
| Tyler                | 8,313                     | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Upshur               | 23,816                    | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Wayne                | 38,982                    | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Webster              | 8,378                     | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Wetzel               | 14,442                    | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Wirt                 | 5,194                     | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| Wood                 | 84,296                    | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 1.19           | 1.2            | 0              |
| Wyoming              | 21,382                    | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0              |
| <b>TOTAL</b>         | 1,793,716                 |                |                |                |                |                |                |                |                |                |
| <b>I-Rate for WV</b> |                           | 0.76           | 0.86           | 0.32           | 0.54           | 0.70           | 0.32           | 0.59           | 0.85           | 0.45           |

\* Incidence rates must be interpreted with caution due to the smaller population of some counties.

**Latent Tuberculosis Infection (LTBI) Incidence/100,000 Population \* by County, 2018-2024**

| COUNTY         | POPULATION<br>2020 CENSUS | 2018<br>Rate | 2019<br>Rate | 2020<br>Rate | 2021<br>Rate | 2022<br>Rate | 2023<br>Rate | 2024<br>Rate |
|----------------|---------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Barbour        | 15,465                    | 19.40        | 32.33        | 0.00         | 0.00         | 6.47         | 19.39        | 45.26        |
| Berkeley       | 122,076                   | 18.84        | 21.30        | 1.64         | 2.46         | 36.86        | 34.4         | 44.23        |
| Boone          | 21,809                    | 13.76        | 13.76        | 0.00         | 4.59         | 123.80       | 36.68        | 64.19        |
| Braxton        | 12,447                    | 16.07        | 0.00         | 0.00         | 0.00         | 8.03         | 16.06        | 8.03         |
| Brooke         | 22,559                    | 13.30        | 31.03        | 0.00         | 4.43         | 17.73        | 13.29        | 39.89        |
| Cabell         | 94,350                    | 22.26        | 57.23        | 7.42         | 1.06         | 52.99        | 40.27        | 41.33        |
| Calhoun        | 6,229                     | 0.00         | 32.11        | 0.00         | 0.00         | 0.00         | 0.00         | 16.05        |
| Clay           | 8,051                     | 0.00         | 12.42        | 0.00         | 0.00         | 0.00         | 24.84        | 37.26        |
| Doddridge      | 7,808                     | 25.61        | 12.81        | 0.00         | 0.00         | 38.42        | 12.81        | 25.61        |
| Fayette        | 40,488                    | 0.00         | 17.29        | 0.00         | 9.88         | 34.58        | 39.52        | 59.27        |
| Gilmer         | 7,408                     | 0.00         | 13.50        | 0.00         | 0.00         | 13.50        | 0.00         | 13.49        |
| Grant          | 10,976                    | 9.11         | 9.11         | 0.00         | 0.00         | 18.22        | 45.55        | 27.33        |
| Greenbrier     | 32,977                    | 18.19        | 12.13        | 66.71        | 0.00         | 48.52        | 63.68        | 33.35        |
| Hampshire      | 23,093                    | 8.66         | 0.00         | 0.00         | 0.00         | 17.32        | 8.66         | 12.99        |
| Hancock        | 29,095                    | 6.87         | 10.31        | 0.00         | 6.87         | 6.87         | 20.62        | 17.18        |
| Hardy          | 14,299                    | 62.94        | 27.97        | 48.95        | 0.00         | 6.99         | 41.96        | 27.97        |
| Harrison       | 65,921                    | 13.65        | 12.14        | 1.52         | 13.65        | 18.20        | 7.58         | 31.85        |
| Jackson        | 27,791                    | 3.60         | 10.79        | 0.00         | 0.00         | 0.00         | 3.59         | 17.99        |
| Jefferson      | 57,701                    | 8.67         | 19.06        | 0.00         | 0.00         | 36.39        | 32.93        | 25.99        |
| Kanawha        | 180,745                   | 18.26        | 23.79        | 10.51        | 9.96         | 60.86        | 53.66        | 30.98        |
| Lewis          | 17,033                    | 23.48        | 29.35        | 0.00         | 5.87         | 17.61        | 23.48        | 35.22        |
| Lincoln        | 20,463                    | 0.00         | 4.89         | 0.00         | 9.77         | 24.43        | 9.77         | 4.88         |
| Logan          | 32,567                    | 21.49        | 15.35        | 3.07         | 15.35        | 12.28        | 24.56        | 9.21         |
| Marion         | 19,111                    | 31.40        | 26.16        | 5.23         | 0.00         | 52.33        | 20.93        | 78.48        |
| Marshall       | 56,205                    | 1.78         | 10.68        | 0.00         | 0.00         | 1.78         | 1.78         | 12.45        |
| Mason          | 30,591                    | 6.54         | 9.81         | 0.00         | 9.81         | 9.81         | 6.53         | 6.53         |
| McDowell       | 25,453                    | 3.93         | 27.50        | 3.93         | 3.93         | 39.29        | 23.57        | 43.21        |
| Mercer         | 59,664                    | 18.44        | 13.41        | 0.00         | 20.11        | 43.58        | 51.96        | 31.84        |
| Mineral        | 26,938                    | 11.14        | 7.42         | 0.00         | 11.14        | 11.14        | 14.84        | 22.27        |
| Mingo          | 23,568                    | 8.49         | 4.24         | 4.24         | 4.24         | 16.97        | 25.45        | 8.48         |
| Monongalia     | 105,822                   | 38.74        | 20.79        | 16.06        | 15.12        | 31.18        | 33.07        | 46.3         |
| Monroe         | 12,376                    | 8.08         | 0.00         | 0.00         | 8.08         | 40.40        | 16.16        | 0            |
| Morgan         | 17,063                    | 0.00         | 0.00         | 0.00         | 0.00         | 17.58        | 11.72        | 11.72        |
| Nicholas       | 24,604                    | 16.26        | 4.06         | 0.00         | 8.13         | 8.13         | 16.25        | 28.45        |
| Ohio           | 42,425                    | 4.71         | 11.79        | 0.00         | 0.00         | 9.43         | 7.07         | 23.57        |
| Pendleton      | 6,143                     | 16.28        | 0.00         | 0.00         | 0.00         | 65.11        | 16.27        | 65.11        |
| Pleasants      | 7,653                     | 0.00         | 13.07        | 0.00         | 0.00         | 0.00         | 13.07        | 13.06        |
| Pocahontas     | 7,869                     | 0.00         | 0.00         | 0.00         | 25.42        | 12.71        | 63.54        | 12.7         |
| Preston        | 34,216                    | 8.77         | 8.77         | 0.00         | 8.77         | 8.77         | 20.45        | 8.76         |
| Putnam         | 57,440                    | 8.70         | 5.22         | 0.00         | 8.70         | 33.08        | 31.33        | 38.3         |
| Raleigh        | 74,591                    | 21.45        | 33.52        | 8.04         | 2.68         | 95.19        | 68.37        | 50.94        |
| Randolph       | 27,932                    | 7.16         | 3.58         | 0.00         | 25.06        | 17.90        | 25.06        | 10.74        |
| Ritchie        | 8,444                     | 11.84        | 11.84        | 11.84        | 0.00         | 23.69        | 0.00         | 35.52        |
| Roane          | 14,028                    | 0.00         | 7.13         | 0.00         | 21.39        | 49.90        | 28.51        | 21.38        |
| Summers        | 11,959                    | 16.72        | 8.36         | 0.00         | 0.00         | 50.17        | 8.36         | 25.08        |
| Taylor         | 16,705                    | 23.94        | 17.96        | 0.00         | 0.00         | 29.93        | 5.98         | 23.94        |
| Tucker         | 6,762                     | 14.79        | 0.00         | 0.00         | 0.00         | 14.79        | 0.00         | 29.57        |
| Upshur         | 23,816                    | 4.20         | 4.20         | 4.20         | 0.00         | 16.80        | 16.79        | 29.39        |
| Wayne          | 38,982                    | 5.13         | 5.13         | 0.00         | 2.57         | 17.96        | 35.91        | 5.13         |
| Webster        | 8,378                     | 11.94        | 0.00         | 0.00         | 0.00         | 23.87        | 23.87        | 0            |
| Wetzel-Tyler** | 22,755                    | 13.18        | 17.58        | 0.00         | 4.39         | 13.18        | 8.78         | 4.39         |
| Wirt           | 5,194                     | 0.00         | 0.00         | 0.00         | 0.00         | 38.51        | 0.00         | 19.25        |
| Wood           | 84,296                    | 9.49         | 9.49         | 0.00         | 9.49         | 13.05        | 46.77        | 23.72        |
| Wyoming        | 21,382                    | 4.68         | 4.68         | 0.00         | 23.38        | 18.71        | 28.06        | 14.03        |
| <b>TOTAL</b>   | 1,793,716                 | 14.55        | 17.28        | 4.85         | 6.86         | 32.73        | 29.27        | 30.04        |

\* Incidence rates must be interpreted with caution due to the small population of most counties.

\*\*Wetzel-Tyler is a combined Health Department and their county populations are combined for this table.

**ACTIVE CASES OF TUBERCULOSIS IN WEST VIRGINIA AND THE US  
1982-2024**

| <u>YEAR</u> | <u>WV CASE RATE</u> |                    | <u>US CASE RATE</u> |                    |
|-------------|---------------------|--------------------|---------------------|--------------------|
|             | <u># WV CASES</u>   | <u>Per 100,000</u> | <u># US CASES</u>   | <u>Per 100,000</u> |
| 2024        | 8                   | 0.45               | 10,347              | 3.0                |
| 2023        | 15                  | 0.85               | 9,633               | 2.9                |
| 2022        | 11                  | 0.54               | 8,300               | 2.5                |
| 2021        | 6                   | 0.32               | 7,860               | 2.37               |
| 2020        | 13                  | 0.70               | 7,163               | 2.2                |
| 2019        | 10                  | 0.54               | 8,920               | 2.7                |
| 2018        | 6                   | 0.32               | 9,029               | 2.76               |
| 2017        | 16                  | 0.86               | 9,093               | 2.8                |
| 2016        | 14                  | 0.76               | 9,287               | 2.9                |
| 2015        | 10                  | 0.54               | 9,563               | 2.98               |
| 2014        | 13                  | 0.70               | 9,412               | 2.95               |
| 2013        | 13                  | 0.70               | 9,588               | 3.0                |
| 2012        | 8                   | 0.43               | 9,951               | 3.2                |
| 2011        | 13                  | 0.70               | 10,521              | 3.4                |
| 2010        | 15                  | 0.82               | 11,181              | 3.6                |
| 2009        | 19                  | 1.0                | 11,540              | 3.8                |
| 2008        | 28                  | 1.5                | 12,898              | 4.2                |
| 2007        | 24                  | 1.3                | 13,293              | 4.4                |
| 2006        | 22                  | 1.2                | 13,779              | 4.6                |
| 2005        | 28                  | 1.6                | 14,093              | 4.8                |
| 2004        | 24                  | 1.3                | 14,511              | 4.9                |
| 2003        | 21                  | 1.2                | 14,874              | 5.1                |
| 2002        | 30                  | 1.7                | 15,075              | 5.2                |

**ACTIVE CASES OF TUBERCULOSIS IN WEST VIRGINIA AND THE US  
1982-2024  
(Continued)**

| <u>YEAR</u> | <u>WV CASE RATE</u> |                    | <u>US CASE RATE</u> |                    |
|-------------|---------------------|--------------------|---------------------|--------------------|
|             | <u># WV CASES</u>   | <u>Per 100,000</u> | <u># US CASES</u>   | <u>Per 100,000</u> |
| 2001        | 32                  | 1.8                | 15,989              | 5.6                |
| 2000        | 33                  | 1.8                | 16,377              | 5.8                |
| 1999        | 41                  | 2.3                | 17,531              | 6.4                |
| 1998        | 42                  | 2.3                | 18,361              | 6.8                |
| 1997        | 54                  | 3.0                | 19,851              | 7.4                |
| 1996        | 57                  | 3.2                | 21,337              | 8.0                |
| 1995        | 71                  | 3.9                | 22,860              | 8.7                |
| 1994        | 80                  | 4.4                | 24,361              | 9.4                |
| 1993        | 75                  | 4.1                | 25,287              | 9.8                |
| 1992        | 92                  | 5.1                | 26,673              | 10.5               |
| 1991        | 64                  | 3.6                | 26,283              | 10.4               |
| 1990        | 87                  | 4.9                | 25,701              | 10.3               |
| 1989        | 77                  | 4.1                | 23,495              | 9.5                |
| 1988        | 68                  | 3.6                | 22,436              | 9.2                |
| 1987        | 99                  | 5.2                | 22,517              | 9.3                |
| 1986        | 124                 | 6.5                | 22,768              | 9.5                |
| 1985        | 108                 | 5.6                | 22,201              | 9.3                |
| 1984        | 133                 | 6.8                | 22,255              | 9.4                |
| 1983        | 133                 | 6.8                | 23,846              | 10.2               |
| 1982        | 162                 | 8.3                | 25,520              | 11.0               |

**TUBERCULOSIS DRUG RESISTANCE IN WV  
2003 TO 2024  
(MONODRUG-RESISTANT AND MULTIDRUG-RESISTANT)**

| <u>YEAR</u> | <u>MONODRUG</u> | <u>MULTIDRUG</u> | <u>2 OR MORE</u> |
|-------------|-----------------|------------------|------------------|
| 2024        | 1               | 0                | 0                |
| 2023        | 0               | 0                | 0                |
| 2022        | 0               | 0                | 0                |
| 2021        | 0               | 0                | 0                |
| 2020        | 0               | 0                | 0                |
| 2019        | 0               | 0                | 0                |
| 2018        | 0               | 0                | 0                |
| 2017        | 2               | 0                | 0                |
| 2016        | 1               | 0                | 0                |
| 2015        | 1               | 0                | 0                |
| 2014        | 2               | 0                | 0                |
| 2013        | 4               | 0                | 0                |
| 2012        | 2               | 0                | 0                |
| 2011        | 1               | 0                | 0                |
| 2010        | 1               | 0                | 1                |
| 2009        | 3               | 0                | 0                |
| 2008        | 0               | 0                | 0                |
| 2007        | 1               | 0                | 1                |
| 2006        | 2               | 0                | 0                |
| 2005        | 3               | 0                | 0                |
| 2004        | 3               | 0                | 0                |
| 2003        | 0               | 0                | 1                |