



WEST VIRGINIA TB PROFILE

ANNUAL REPORT 2016

**WV DIVISION OF TUBERCULOSIS ELIMINATION
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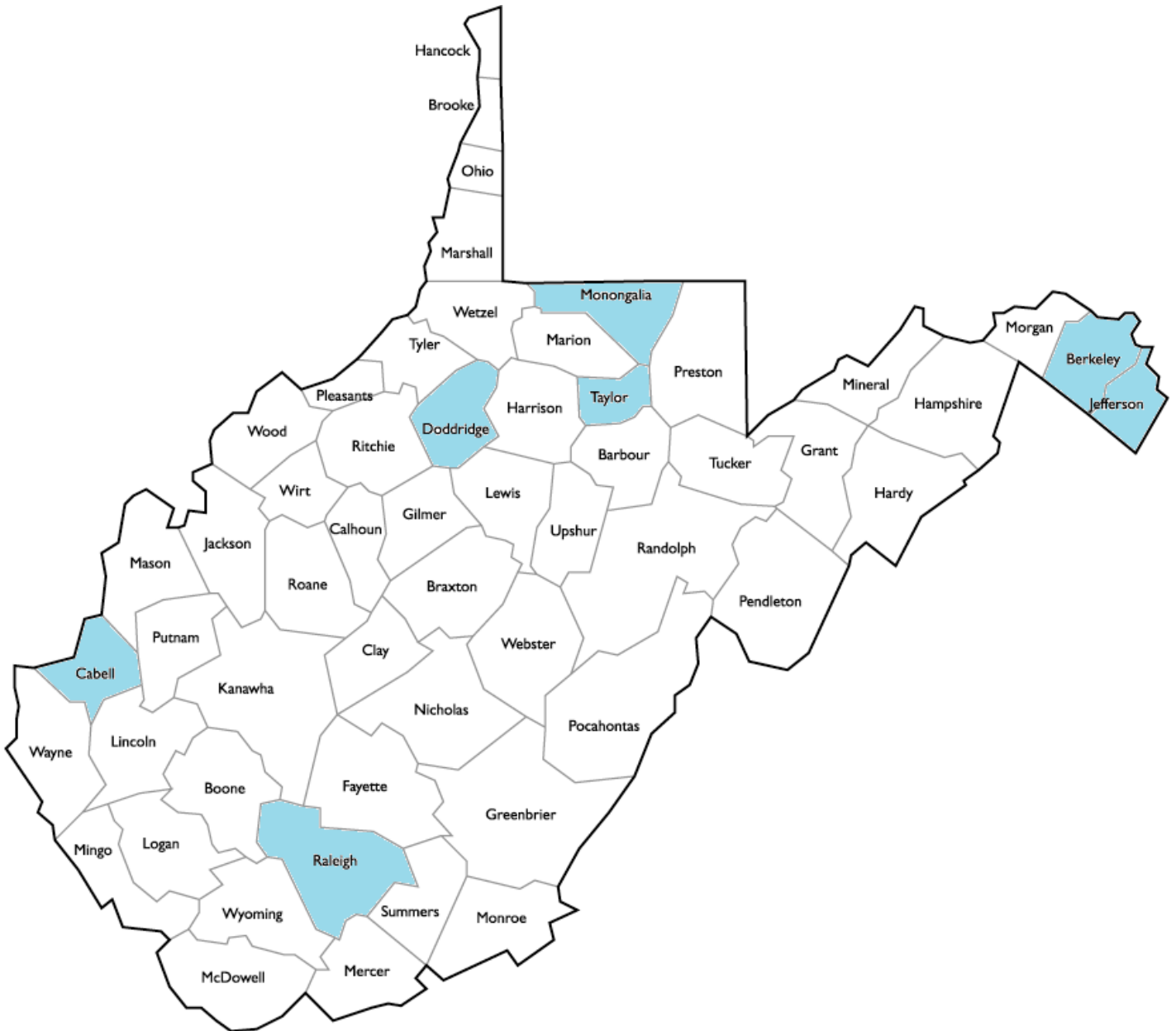
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Dr. Lee B. Smith	Monongalia County Health Department
Laura Boone	WV Higher Education Policy Commission
Angela Gray	Berkeley County Health Department
Peggy Lambert Fink	West Virginia University Tech Student Health - Nurse Practitioner
Dr. April Kilgore	Marshall University

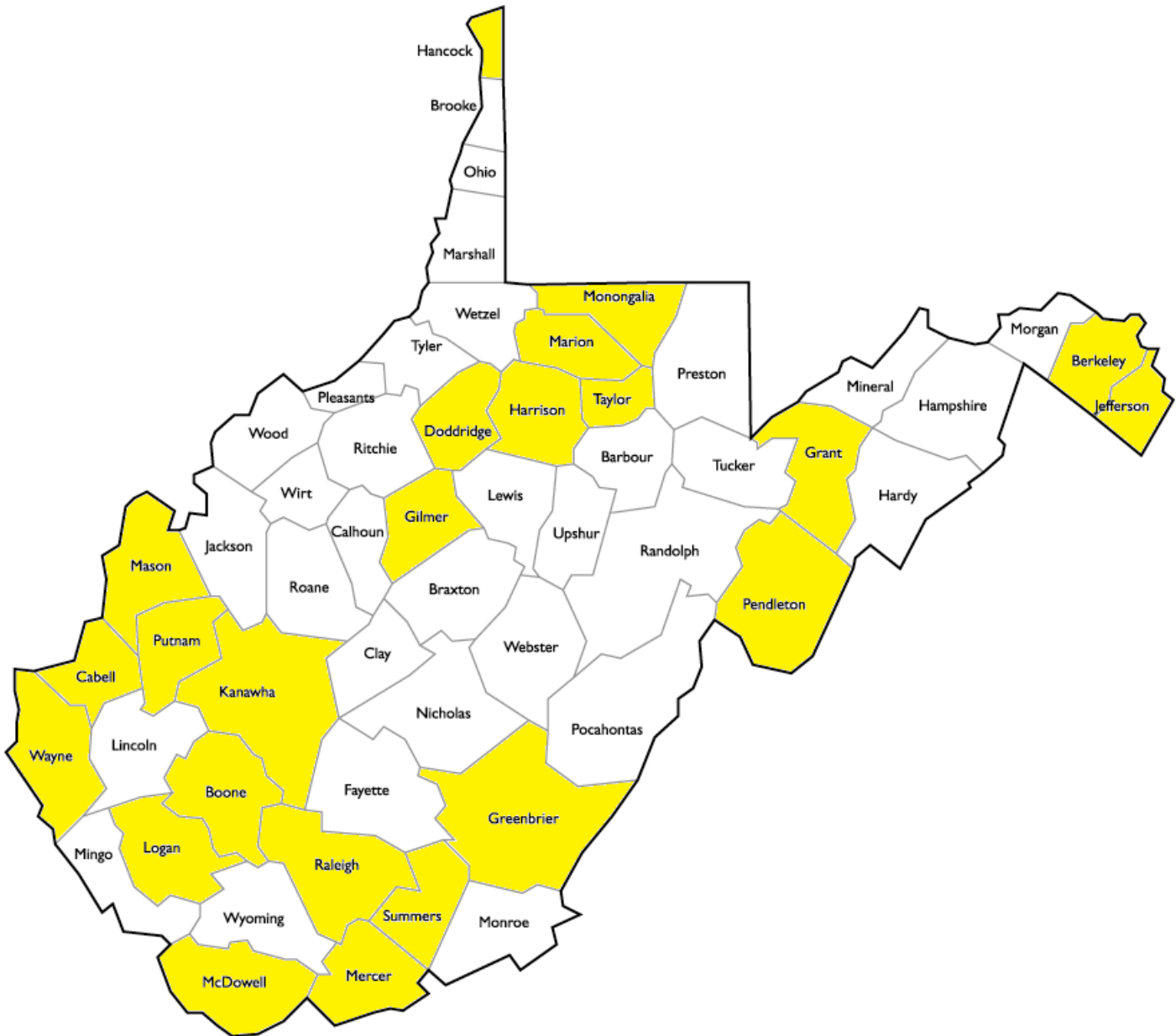
2016 WV Active Tuberculosis

Cases by County



Each of the marked counties has a single case with the exceptions of Berkeley (3) and Cabell (6).

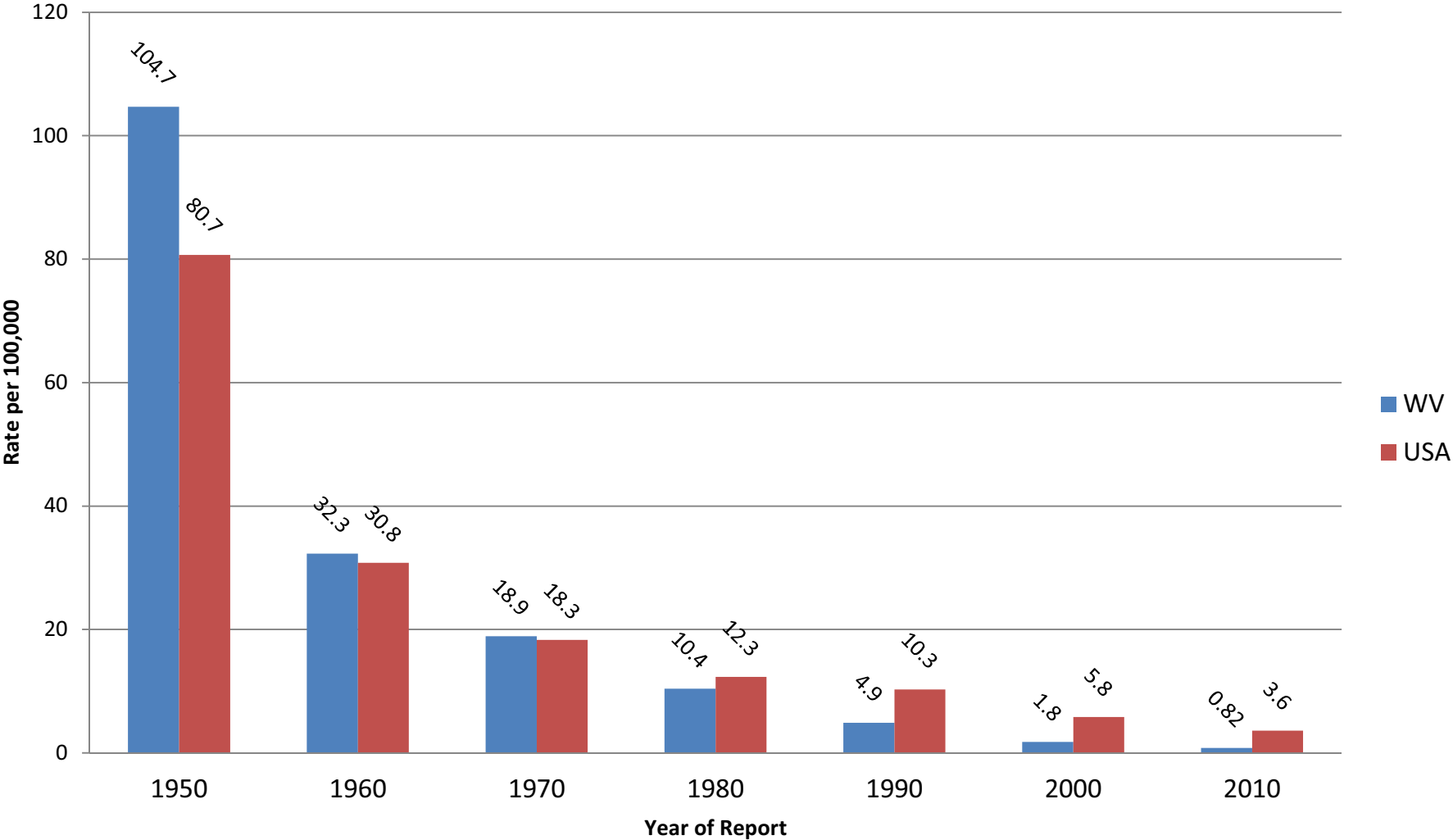
WV Active Tuberculosis Cases by County, 2012-2016



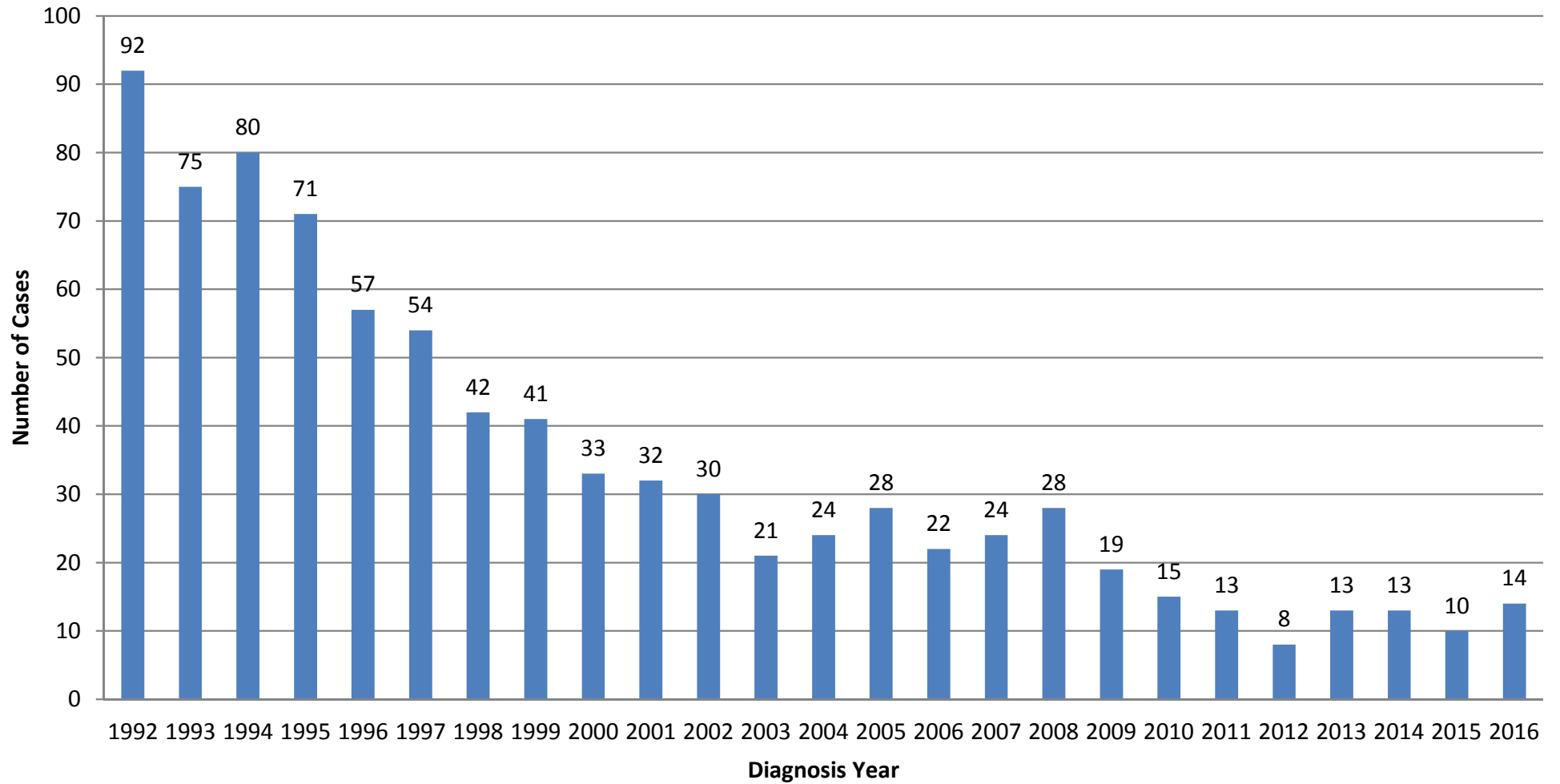
Each county may have one or multiple cases for the period 2012-2016. This map is intended to show the geographic area of the cases only.

TB Incidence Rate by Year of Report

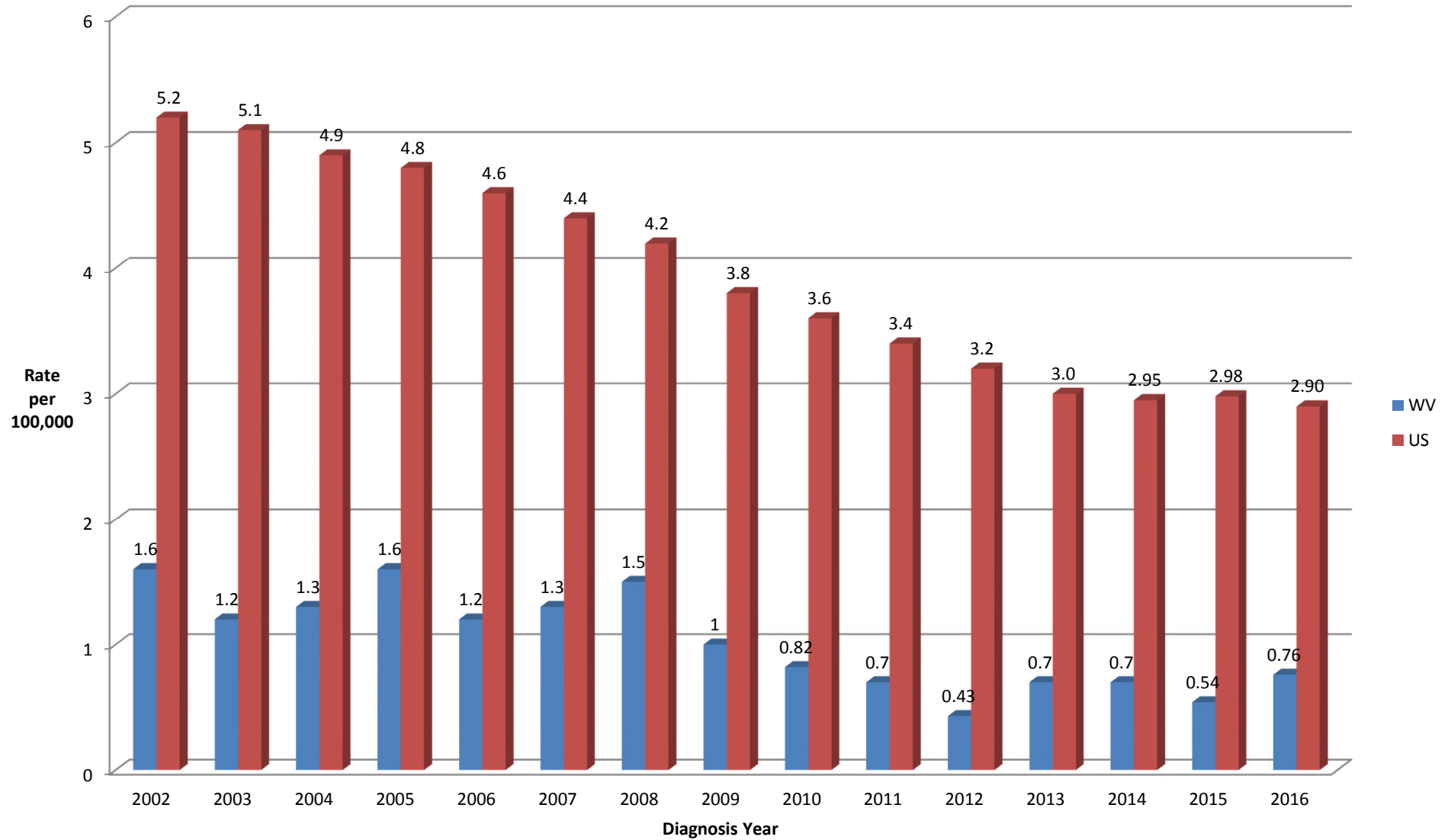
WV and USA Decennial Rates, 1950-2010



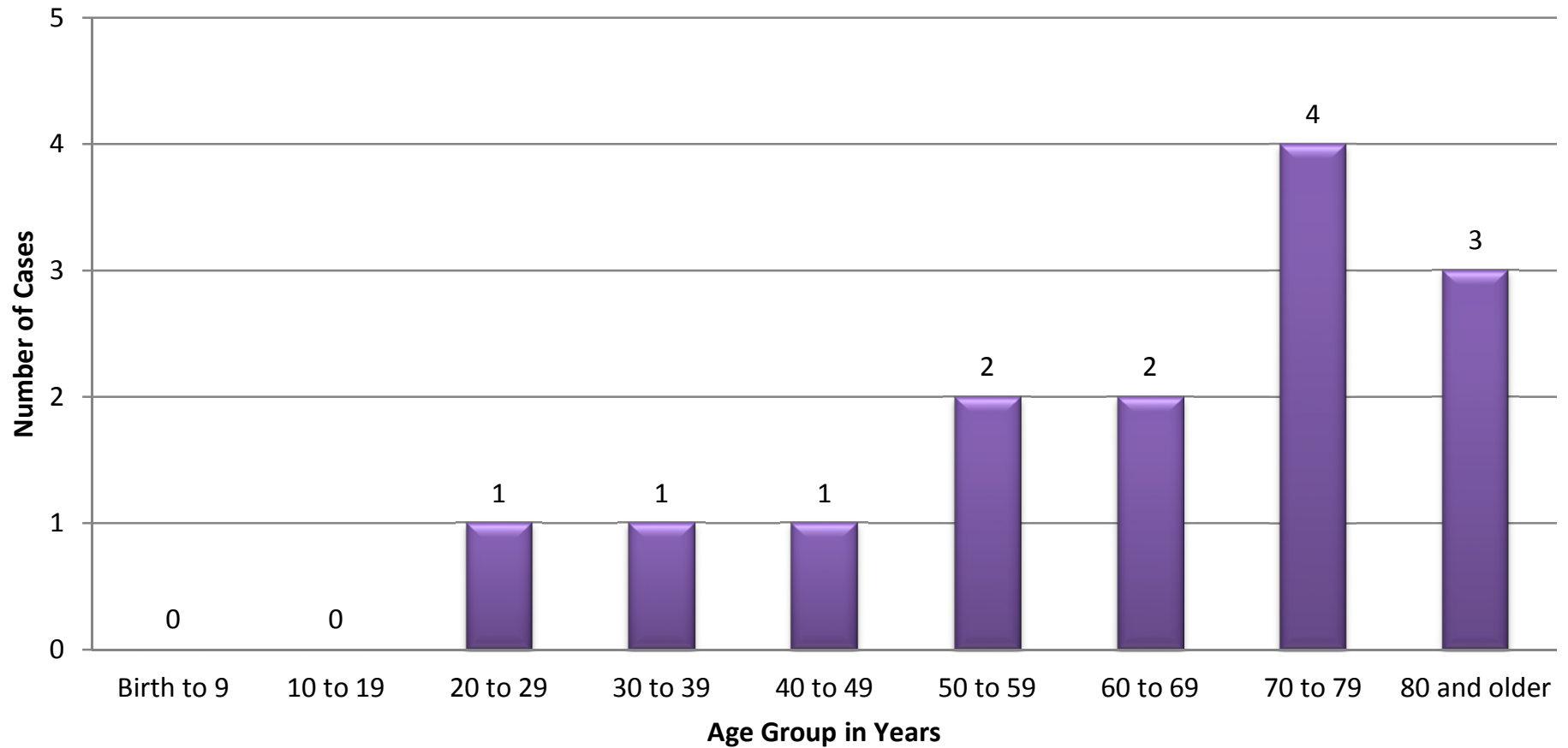
Newly Diagnosed Active TB Cases in WV by Year of Diagnosis 1992-2016



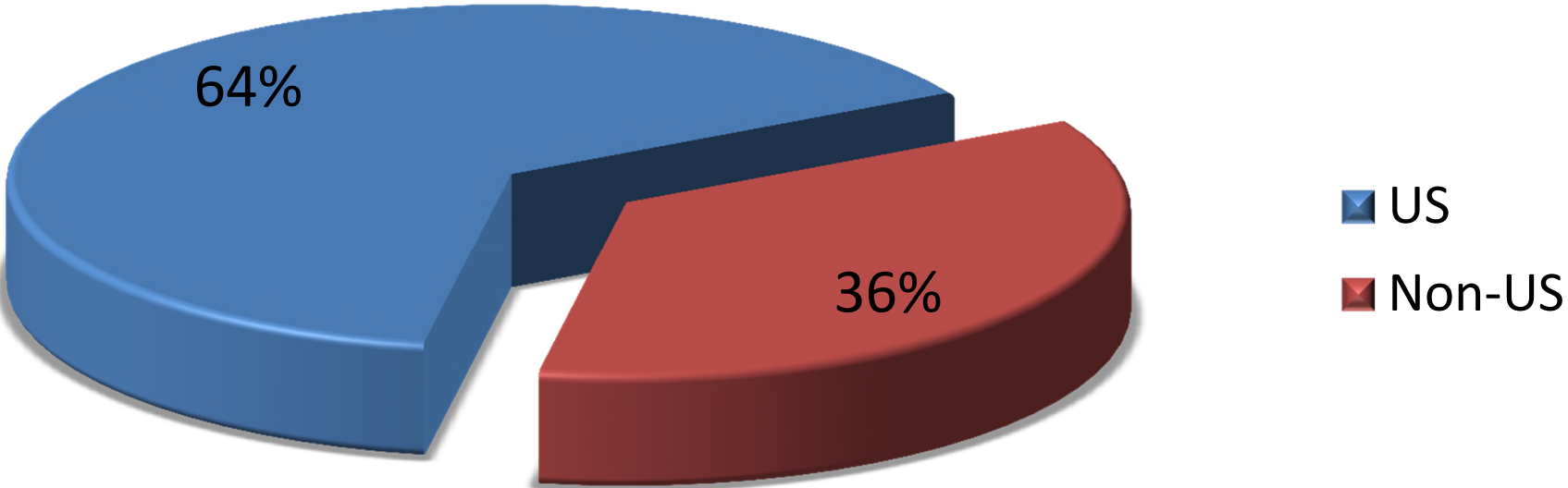
TB Incidence Rates by Diagnosis Year, WV and US 2002-2016



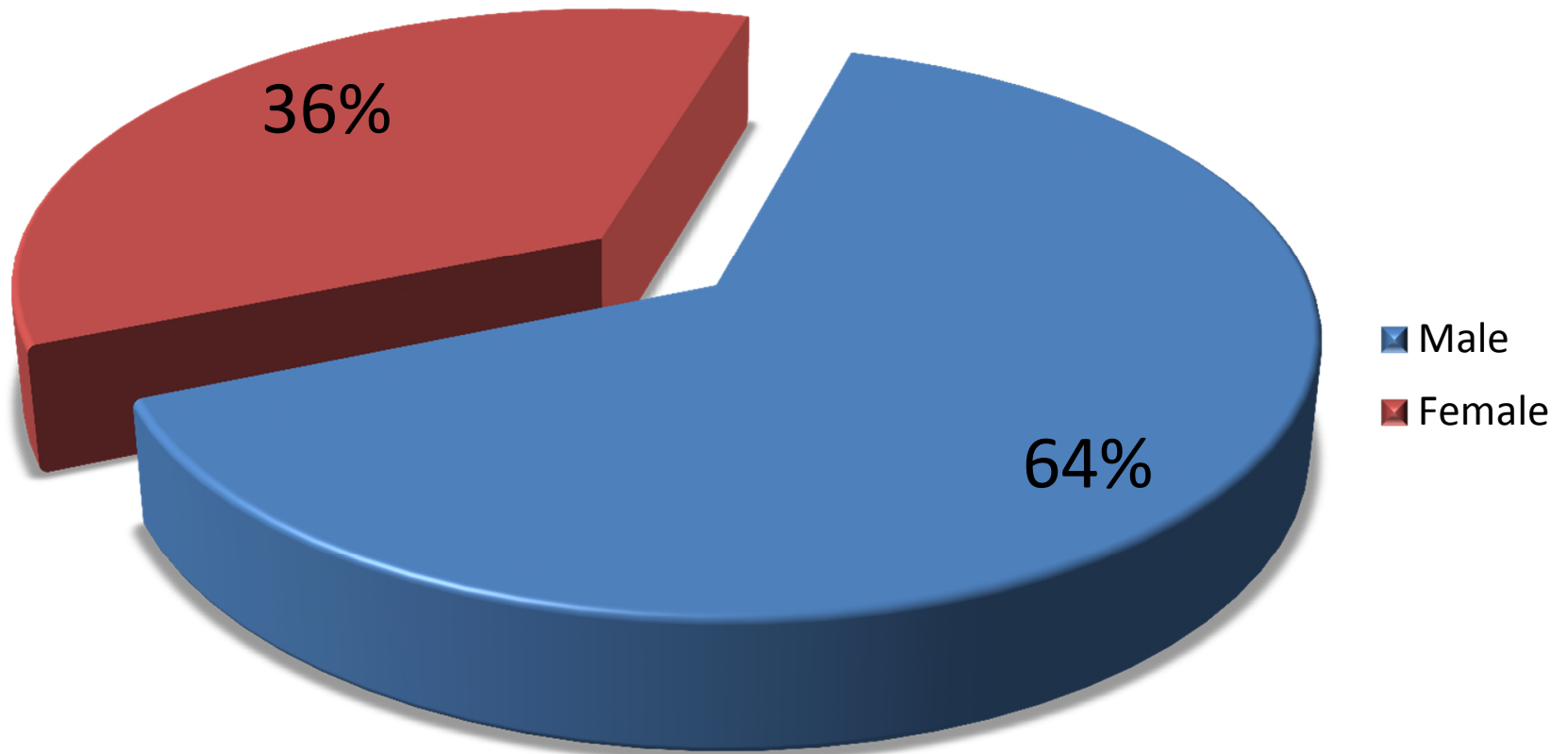
WV Cases of Active TB by Age Group - 2016



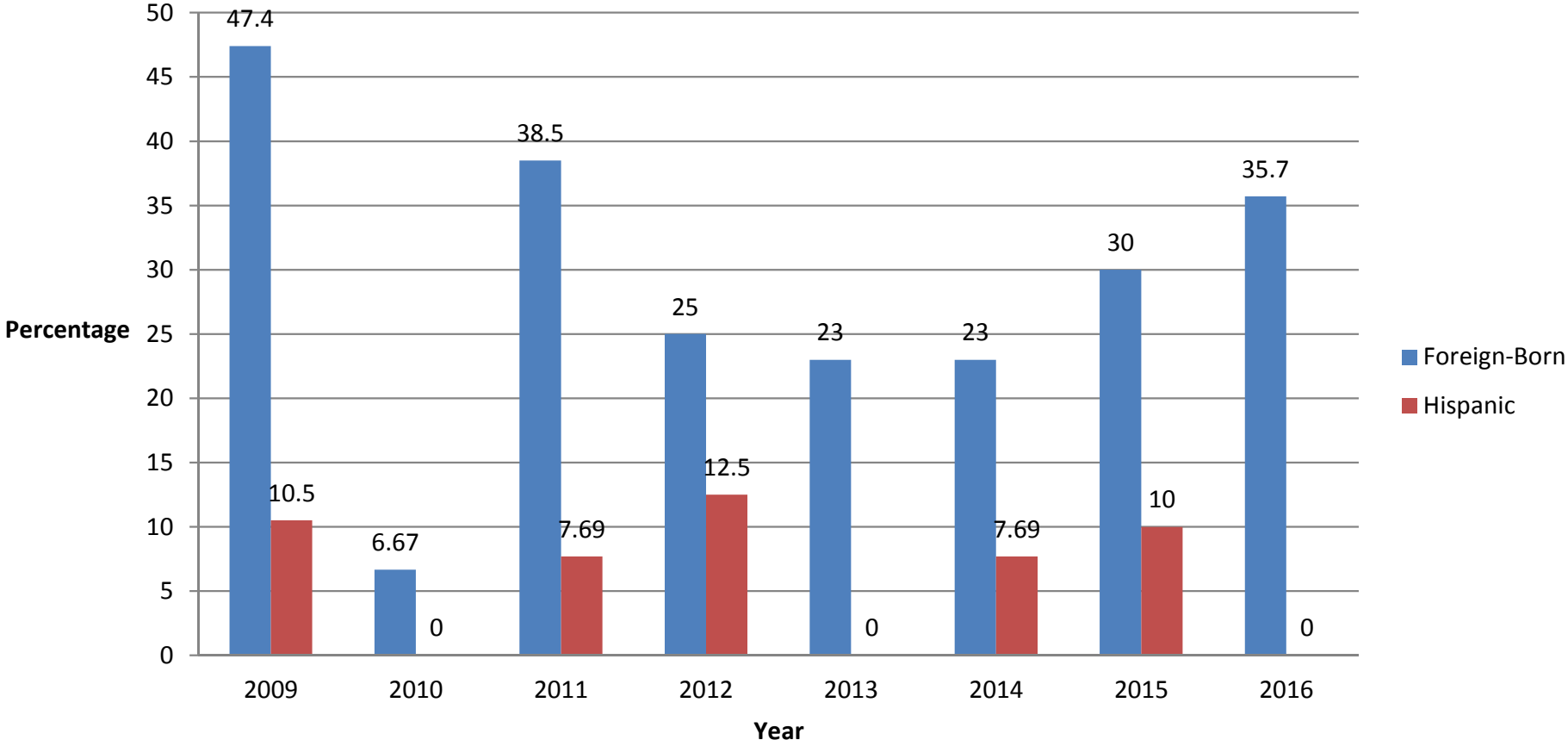
WV TB Active Cases by Country of Origin - 2016



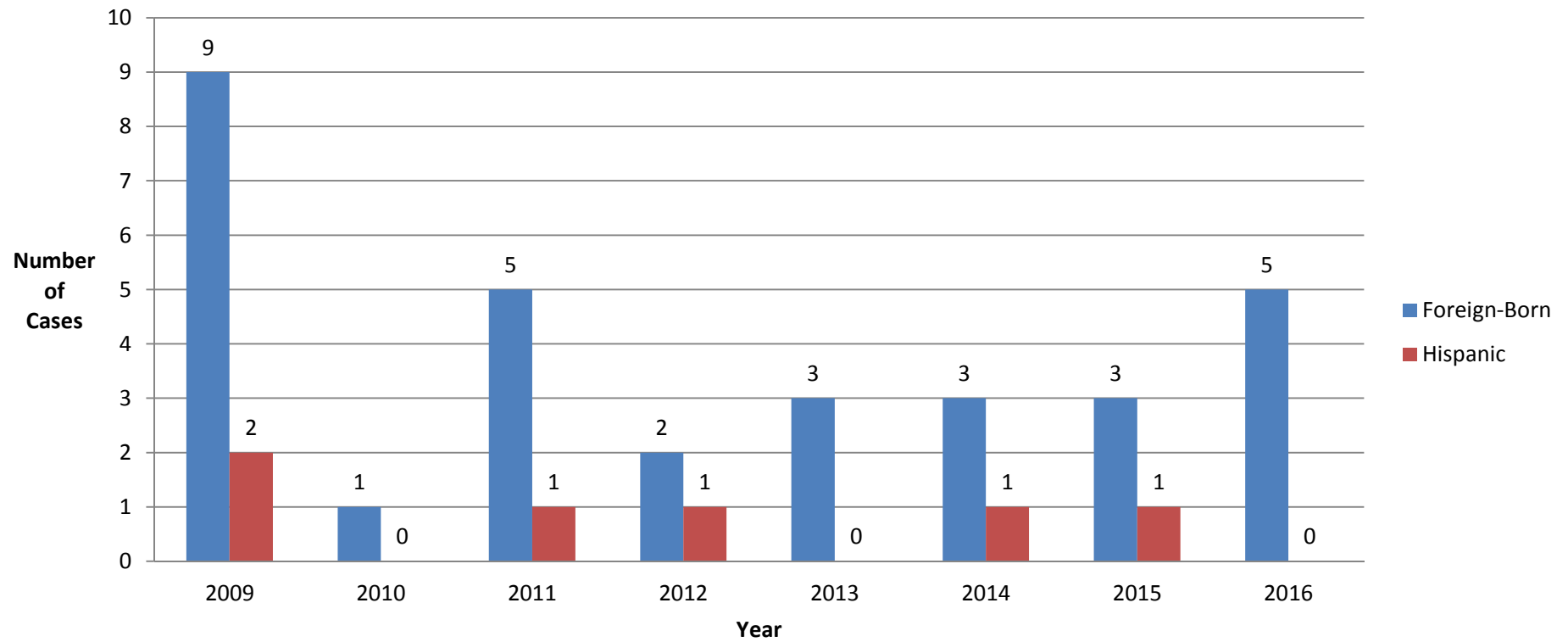
Gender of WV Active TB Cases - 2016



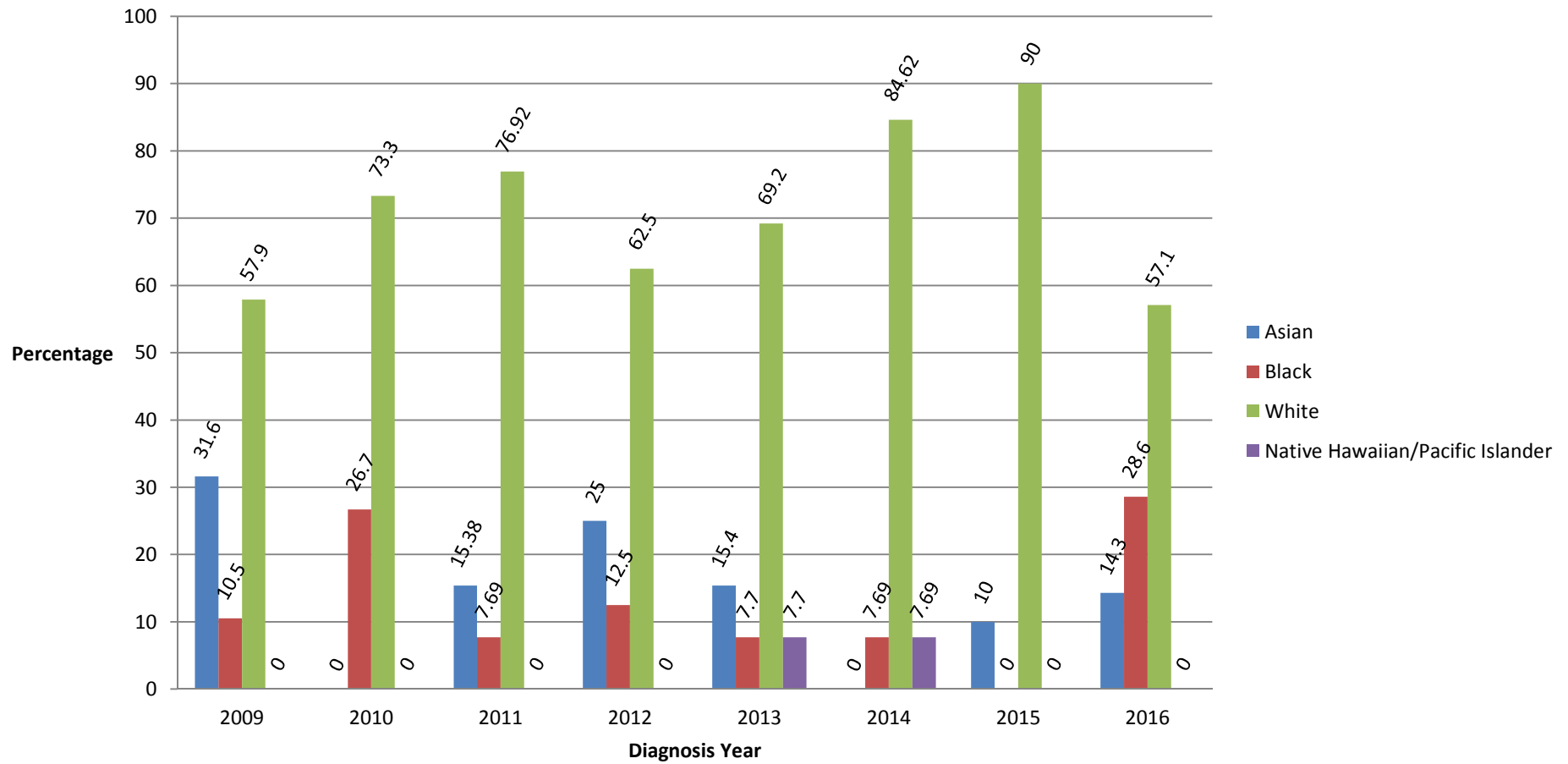
Percentage of WV Active TB Cases: Foreign-Born vs. Hispanic 2009-2016



Number of WV Active TB Cases: Foreign-Born vs. Hispanic 2009-2016



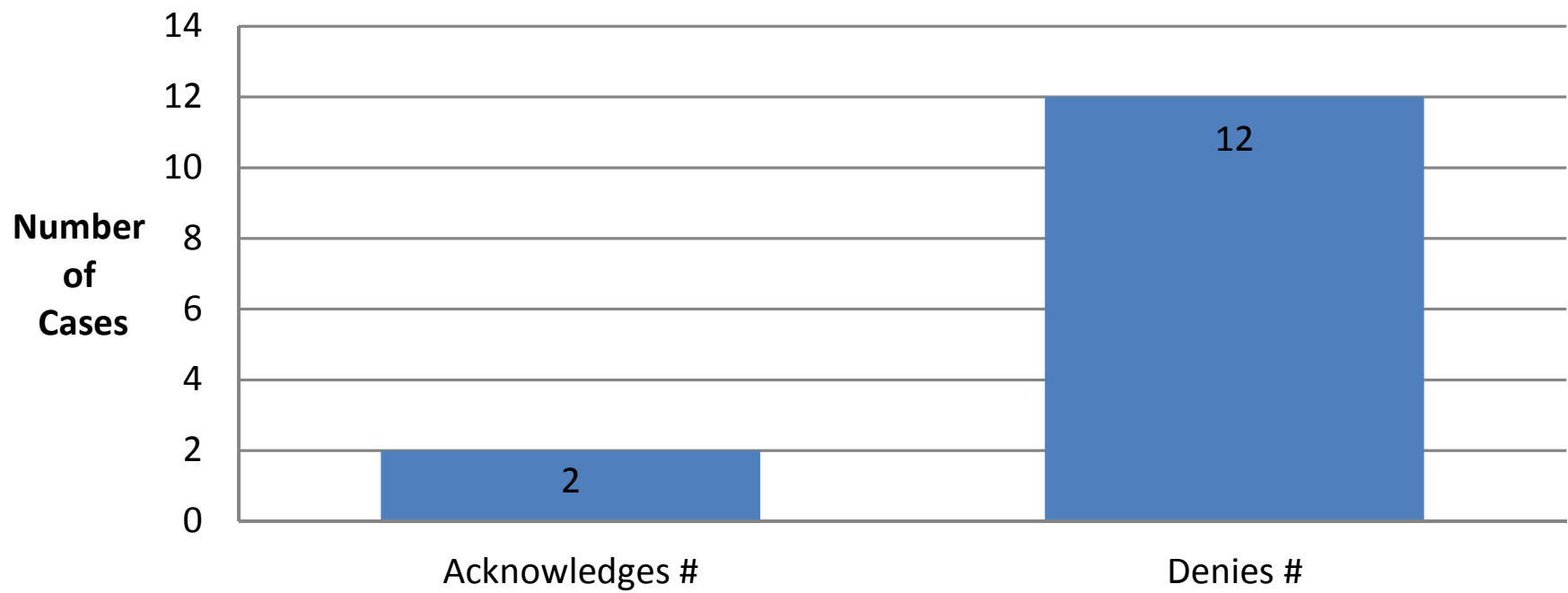
Race of WV Active TB Cases by Diagnosis Year 2009-2016



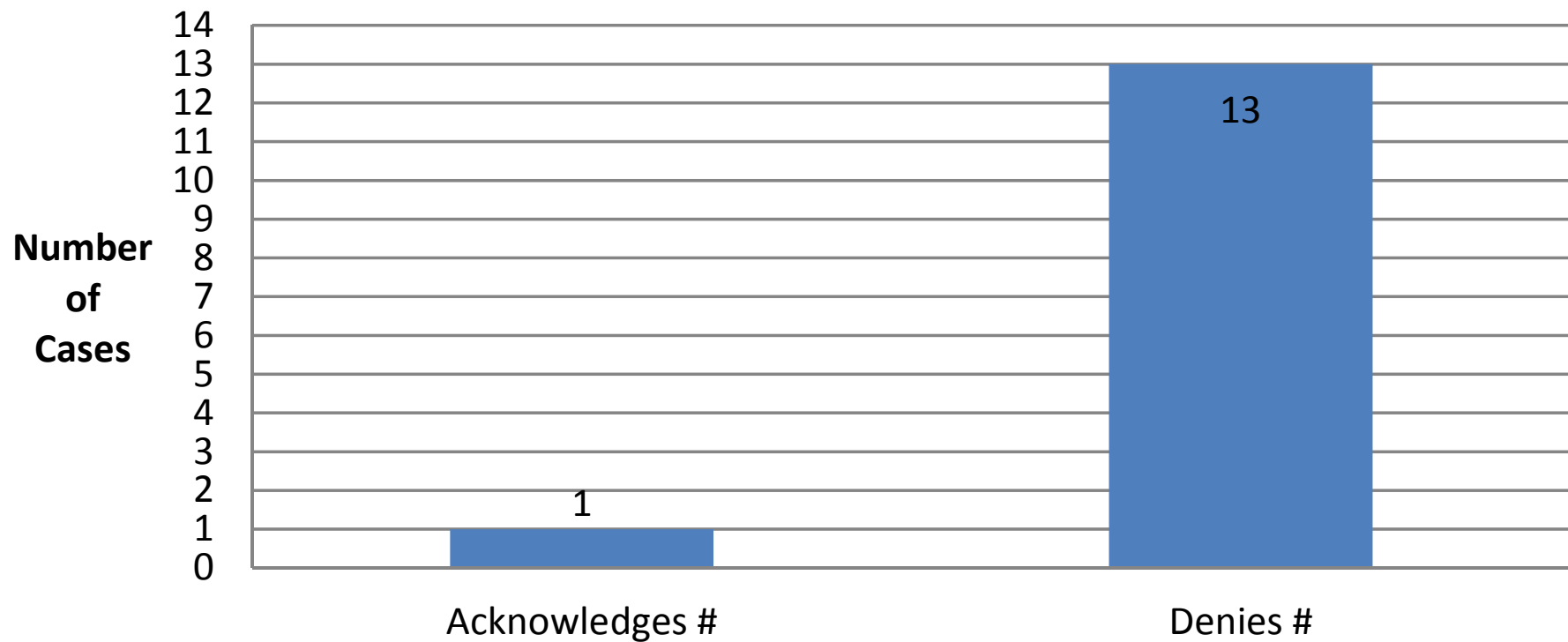
WV TB Cases in 2016 by Employment at Diagnosis



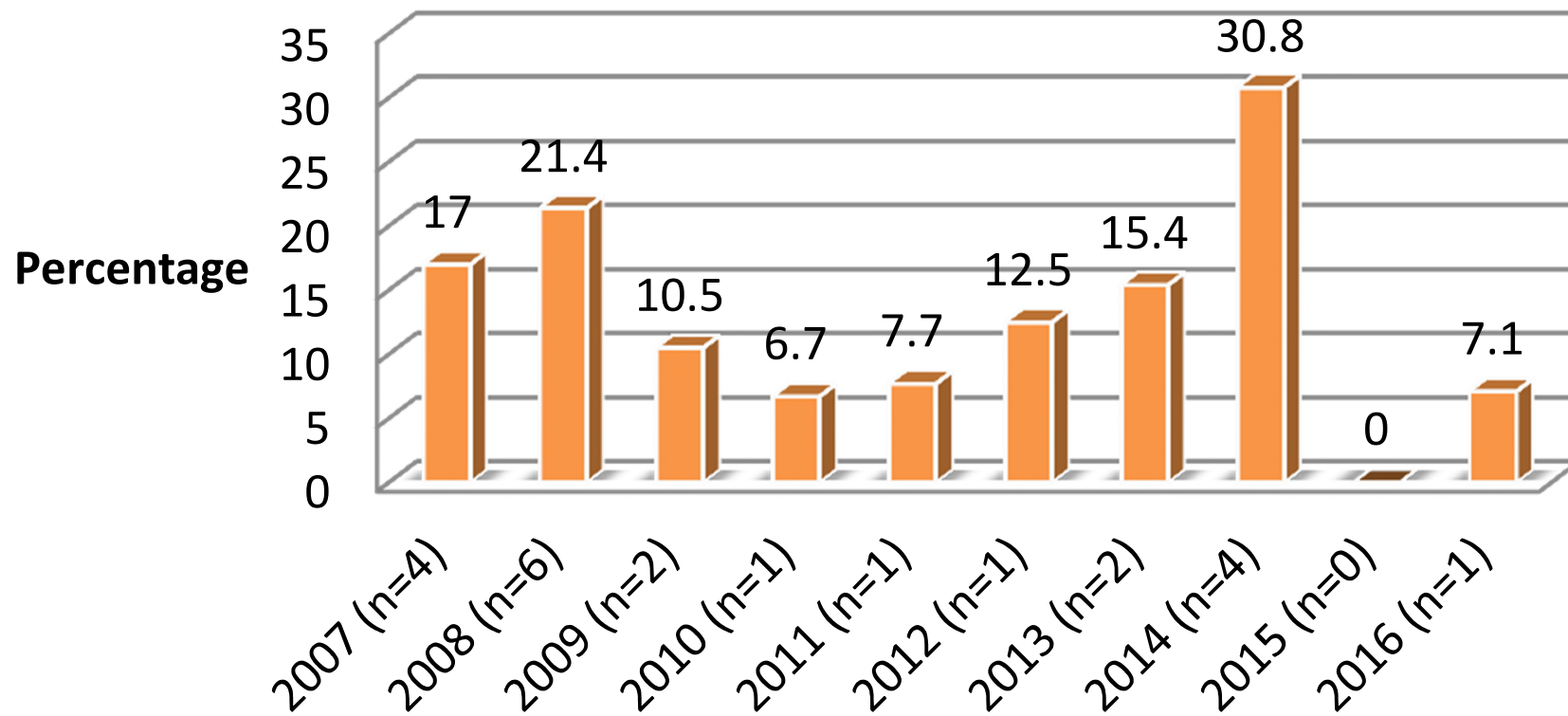
WV Active TB Cases by Injected Drug Use 2016



WV Active TB Cases by Non-Injected Drug Use 2016



Percentage of WV Active Cases with Reported History of Alcohol Abuse in the Past Year 2007-2016



SURVEILLANCE CLINICAL DATA
 For the Month-Year Counted
 Beginning 01/2016 and Ending 12/2016

Reporting Area: West Virginia Department of Health and Human Resources, Bureau for Public Health – All Counties

STATUS AT DIAGNOSIS OF TB

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Alive	13	92.86%
Dead	1	7.14%
Unknown/Missing	0	0.00%
TOTAL	14	100.00%

PREVIOUS DIAGNOSIS OF TB

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
No	13	92.86%
Yes	1	7.14%
Unknown/Missing	0	0.00%
TOTAL	14	100.00%

SITE OF DISEASE

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Pulmonary	7	50.00%
Extrapulmonary	6	42.86%
Both	1	7.14%
Site Not Stated/Missing	0	0.00%
TOTAL	14	100.00%

SPUTUM SMEAR

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Positive	4	28.57%
Negative	4	28.57%
Not Done	6	46.86%
Unknown/Missing	0	0.00%
	14	100.00%

SURVEILLANCE CLINICAL DATA
 For the Month-Year Counted
 Beginning 01/2016 and Ending 12/2016
 (Continued)

SPUTUM CULTURE

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Positive	5	35.71%
Negative	2	14.29%
Not Done	6	42.86%
Unknown/Missing	1	7.14%
TOTAL	14	100.00%

MICROSCOPIC EXAM OF TISSUE AND OTHER BODY FLUIDS

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Positive	4	28.57%
Negative	3	21.43%
Not Done	7	50.00%
Unknown/Missing	0	0.00%
TOTAL	14	100.00%

CULTURE OF TISSUE AND OTHER BODY FLUIDS

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Positive	4	28.57%
Negative	2	14.29%
Not Done	7	50.00%
Unknown	1	7.14%
Missing	0	0.00%
TOTAL	14	100.00%

SURVEILLANCE CLINICAL DATA
 For the Month-Year Counted
 Beginning 01/2016 and Ending 12/2016
 (Continued)

CHEST X-RAY

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Normal	4	28.57%
Abnormal	8	57.14%
Not Done/Unknown/Missing	2	14.29%
TOTAL	14	100.00%

TUBERCULIN (MANTOUX) SKIN TEST AT DIAGNOSIS

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Positive	0	0.00%
Negative	0	0.00%
Not Done	14	100.00%
Unknown	0	0.00%
Missing	0	0.00%
TOTAL	14	100.00%

HIV STATUS

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Negative	13	92.86%
Positive	0	0.00%
Indeterminate	0	0.00%
Refused	0	0.00%
Not Offered	0	0.00%
Test Done, Results Unknown	1	7.14%
Unknown	0	0.00%
Missing	0	0.00%
TOTAL	14	100.00%

SURVEILLANCE CLINICAL DATA
 For the Month-Year Counted
 Beginning 01/2016 and Ending 12/2016
 (Continued)

INITIAL DRUG REGIMEN

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
No Drugs	1	7.14%
One Drug	0	0.00%
INH, RIF, PZA, and EMB or SM	11	78.57%
INH, RIF, and PZA	0	0.00%
INH and RIF	0	0.00%
Any other Multiple Drug Combination	2	14.29%
Unknown	0	0.00%
TOTAL	14	100.00%

SURVEILLANCE DEMOGRAPHICS REPORT
 For the Month – Year Counted
 Beginning 01/2016 and Ending 12/2016

Reporting Area: West Virginia Department of Health and Human Resources, Bureau for Public Health – All Counties

ETHNICITY

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Hispanic or Latino	0	0.00%
Not Hispanic or Latino	14	100.00%
Unknown or Missing	0	0.00%
TOTAL	14	100.00%

RACE

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Single Race:		
American Indian or Alaska Native	0	0.00 %
Asian	2	14.29%
Black or African-American	4	28.57%
Native Hawaiian or Pacific Islander	0	0.00%
White	8	57.14%
Multiple Races	0	0.00%
Unknown/Missing	0	0.00%
TOTAL	14	100.00%

SEX

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Male	9	64.29%
Female	5	35.71%
Unknown/Missing	0	0.00%
TOTAL	14	100.00%

SURVEILLANCE DEMOGRAPHICS REPORT
 For the Month – Year Counted
 Beginning 01/2016 and Ending 12/2016
 (Continued)

COUNTRY OF ORIGIN

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
USA	9	64.29%
Non-US	5	35.71%
Unknown/Missing	0	0.00%
	14	100.00%

5 YEAR AGE GROUP

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
0 – 4	0	0.00%
5 – 9	0	0.00%
10 – 14	0	0.00%
15 – 19	0	0.00%
20 – 24	0	0.00%
25 – 29	1	7.14%
30 – 34	1	7.14%
35 – 39	0	0.00%
40 – 44	1	7.14%
45 – 49	0	0.00%
50 – 54	1	7.14%
55 – 59	1	7.14%
60 – 64	1	7.14%
65 – 69	1	7.14%
70 – 74	1	7.14%
75 – 79	3	21.43%
80 – 84	1	7.14%
85 and Older	2	14.31%
Unknown	0	0.00%
TOTAL	14	100.00%

SURVEILLANCE DEMOGRAPHICS REPORT
 For the Month – Year Counted
 Beginning 01/2016 and Ending 12/2016
 (Continued)

10 YEAR AGE GROUP

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
0 – 9	0	0.00%
10 – 19	0	0.00%
20 – 29	1	7.14%
30 – 39	1	7.14%
40 – 49	1	7.14%
50 – 59	2	14.29%
60 – 69	2	14.29%
70 – 79	4	28.57%
80 and Older	3	21.43%
Unknown	0	0.00%
TOTAL	14	100.00%

HOMELESS WITHIN PAST YEAR

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
No	14	100.00%
Yes	0	0.00%
Unknown/Missing	0	0.00%
TOTAL	14	100.00%

RESIDENT OF A CORRECTIONAL FACILITY AT TIME OF DIAGNOSIS

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
No	14	100.00%
Yes	0	0.00%
Unknown/Missing	0	0.00%
TOTAL	14	100.00%

SURVEILLANCE DEMOGRAPHICS REPORT
 For the Month – Year Counted
 Beginning 01/2016 and Ending 12/2016
 (Continued)

RESIDENT OF A LONG-TERM CARE FACILITY AT TIME OF DIAGNOSIS

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
No	13	92.86%
Yes	1	7.14%
Unknown/Missing	0	0.00%
TOTAL	14	100.00%

INJECTED DRUG USE WITHIN PAST YEAR

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
No	12	85.71%
Yes	2	14.29%
Unknown/Missing	0	0.00%
TOTAL	14	100.00%

NON-INJECTED DRUG USE WITHIN PAST YEAR

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
No	12	85.72%
Yes	1	7.14%
Unknown/Missing	1	7.14%
TOTAL	14	100.00%

EXCESS ALCOHOL USE WITHIN PAST YEAR

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
No	12	85.72%
Yes	1	7.14%
Unknown/Missing	1	7.14%
TOTAL	14	100.00%

SURVEILLANCE DEMOGRAPHICS REPORT
 For the Month – Year Counted
 Beginning 01/2016 and Ending 12/2016
 (Continued)

OCCUPATION

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Healthcare Worker	1	7.14%
Correctional Employee	0	0.00%
Migratory Agricultural Worker	0	0.00%
Other Occupation	3	21.43%
Retired	8	57.14%
Not Seeking Employment (e.g., student, etc.)	0	0.00%
Not Employed Within Past 24 Months	2	14.29%
Unknown/Missing	0	0.00%
TOTAL	14	100.00%

NEWLY REPORTED VERIFIED CASES OF TUBERCULOSIS IN WEST VIRGINIA, 2010-2016

COUNTY	POPULATION 2010 CENSUS	2010	2011	2012	2013	2014	2015	2016	2016 I-RATE
Barbour	16,589	0	0	0	0	0	0	0	0.00
Berkeley	104,169	1	1	0	1	1	0	3	2.88
Boone	24,629	0	0	0	0	1	1	0	0.00
Braxton	14,523	0	0	0	0	0	0	0	0.00
Brooke	24,069	0	0	0	0	0	0	0	0.00
Cabell	96,319	0	2	2	3	2	0	6	6.23
Calhoun	7,627	0	0	0	0	0	0	0	0.00
Clay	9,386	0	0	0	0	0	0	0	0.00
Doddridge	8,202	0	0	0	1	2	0	1	12.19
Fayette	46,039	0	0	0	0	0	0	0	0.00
Gilmer	8,693	3	0	1	0	0	0	0	0.00
Grant	11,937	0	0	0	1	0	0	0	0.00
Greenbrier	35,480	0	0	0	0	1	0	0	0.00
Hampshire	23,964	0	0	0	0	0	0	0	0.00
Hancock	30,676	0	0	0	0	0	1	0	0.00
Hardy	14,025	0	1	0	0	0	0	0	0.00
Harrison	69,099	0	1	0	1	0	1	0	0.00
Jackson	29,211	0	0	0	0	0	0	0	0.00
Jefferson	53,498	0	1	0	1	0	0	1	1.87
Kanawha	193,063	1	0	1	0	2	3	0	0.00
Lewis	16,372	0	0	0	0	0	0	0	0.00
Lincoln	21,270	0	0	0	0	0	0	0	0.00
Logan	36,743	2	0	1	0	1	0	0	0.00
Marion	56,418	0	0	0	1	0	0	0	0.00
Marshall	33,107	1	0	0	0	0	0	0	0.00
Mason	27,324	0	0	0	0	1	0	0	0.00
McDowell	22,113	0	1	1	0	0	0	0	0.00
Mercer	62,264	0	1	0	1	1	0	0	0.00
Mineral	28,212	0	0	0	0	0	0	0	0.00
Mingo	26,839	1	0	0	0	0	0	0	0.00
Monongalia	96,189	2	1	0	2	0	1	1	1.04
Monroe	13,502	0	0	0	0	0	0	0	0.00
Morgan	17,541	0	0	0	0	0	0	0	0.00
Nicholas	26,233	1	0	0	0	0	0	0	0.00
Ohio	44,443	0	0	0	0	0	0	0	0.00
Pendleton	7,695	0	0	0	1	0	0	0	0.00
Pleasants	7,605	0	0	0	0	0	0	0	0.00
Pocahontas	8,719	0	0	0	0	0	0	0	0.00
Preston	33,520	1	0	0	0	0	0	0	0.00

NEWLY REPORTED VERIFIED CASES OF TUBERCULOSIS IN WEST VIRGINIA, 2010-2016 (continued)

COUNTY	POPULATION 2010 CENSUS	2010	2011	2012	2013	2014	2015	2016	2016 I-RATE
Putnam	55,486	0	2	0	0	0	2	0	0.00
Raleigh	78,859	0	1	1	0	0	0	1	1.27
Randolph	29,405	1	0	0	0	0	0	0	0.00
Ritchie	10,449	0	0	0	0	0	0	0	0.00
Roane	14,926	0	0	0	0	0	0	0	0.00
Summers	13,927	0	0	0	0	0	1	0	0.00
Taylor	16,895	0	0	0	0	0	0	1	5.92
Tucker	7,141	0	0	0	0	0	0	0	0.00
Tyler	9,208	0	0	0	0	0	0	0	0.00
Upshur	24,254	0	0	0	0	1	0	0	0.00
Wayne	42,481	1	1	1	0	0	0	0	0.00
Webster	7,154	0	0	0	0	0	0	0	0.00
Wetzel	16,583	0	0	0	0	0	0	0	0.00
Wirt	5,717	0	0	0	0	0	0	0	0.00
Wood	86,956	0	0	0	0	0	0	0	0.00
Wyoming	23,796	0	0	0	0	0	0	0	0.00
TOTAL	1,852,994	15	13	8	13	13	10	14	
I-Rate for WV		0.82	0.7	0.43	0.70	0.70	0.54	0.76	
# Counties with TB Cases		11	11	7	10	10	7	7	

Latent Tuberculosis Infection and LTBI Incidence/100,000 Population by County, 2012-2016

COUNTY	POPULATION 2010 CENSUS	2012 LTBI	2012 Rate	2013 LTBI	2013 Rate	2014 LTBI	2014 Rate	2015 LTBI	2015 Rate	2016 LTBI	2016 Rate
Barbour	16,589	1	6.03	0	0.00	3	18.08	1	6.03	0	0.00
Berkeley	104,169	13	12.48	11	10.56	4	3.84	8	7.68	8	7.68
Boone	24,629	12	48.72	2	8.12	1	4.06	0	0.00	0	0.00
Braxton	14,523	0	0.00	1	6.89	0	0.00	0	0.00	0	0.00
Brooke	24,069	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Cabell	96,319	36	37.38	26	26.99	18	18.69	55	57.10	68	70.60
Calhoun	7,627	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Clay	9,386	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Doddridge	8,202	0	0.00	2	24.38	6	73.15	2	24.38	0	0.00
Fayette	46,039	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Gilmer	8,693	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Grant	11,937	1	8.38	0	0.00	0	0.00	0	0.00	0	0.00
Greenbrier	35,480	2	5.64	5	14.09	3	8.46	3	8.46	1	2.82
Hampshire	23,964	1	4.17	1	4.17	2	8.35	0	0.00	0	0.00
Hancock	30,676	0	0.00	1	3.26	0	0.00	1	3.26	1	3.26
Hardy	14,025	21	149.73	20	142.60	51	363.64	10	71.30	16	114.08
Harrison	69,099	5	7.24	6	8.68	8	11.58	8	11.58	2	2.89
Jackson	29,211	3	10.27	1	3.42	0	0.00	0	0.00	0	0.00
Jefferson	53,498	58	108.42	21	39.25	4	7.48	2	3.74	11	20.56
Kanawha	193,063	35	18.13	27	13.99	26	13.47	10	5.18	16	8.29
Lewis	16,372	0	0.00	1	6.11	2	12.22	3	18.32	1	6.11
Lincoln	21,720	0	0.00	2	9.21	0	0.00	0	0.00	0	0.00
Logan	36,743	9	24.49	2	5.44	2	5.44	15	40.82	7	19.05
Marion	56,418	0	0.00	0	0.00	2	3.54	1	1.77	2	3.54
Marshall	33,107	1	3.02	1	3.02	1	3.02	1	3.02	0	0.00
Mason	27,324	0	0.00	2	7.32	2	7.32	0	0.00	0	0.00
McDowell	22,113	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Mercer	62,264	13	20.88	6	9.64	9	14.45	1	1.61	0	0.00
Mineral	28,212	0	0.00	1	3.54	0	0.00	0	0.00	0	0.00
Mingo	26,839	1	3.73	2	7.45	1	3.73	0	0.00	1	3.73
Monongalia	96,189	0	0.00	0	0.00	15	15.59	9	9.36	21	21.83
Monroe	13,502	3	22.22	2	14.81	0	0.00	1	7.41	1	7.41
Morgan	17,541	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Nicholas	26,233	0	0.00	1	3.81	1	3.81	0	0.00	0	0.00
Ohio	44,443	7	15.75	8	18.00	1	2.25	1	2.25	1	2.25
Pendleton	7,695	1	13.00	8	103.96	1	13.00	0	0.00	0	0.00
Pleasants	7,605	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Pocahontas	8,719	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Preston	33,520	0	0.00	0	0.00	1	2.98	0	0.00	0	0.00
Putnam	55,486	6	10.81	3	5.41	3	5.41	1	1.80	1	1.80
Raleigh	78,859	10	12.68	13	16.49	9	11.41	9	11.41	23	29.17
Randolph	29,405	5	17.00	0	0.00	1	3.40	0	0.00	3	10.20
Ritchie	10,449	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Roane	14,926	0	0.00	1	6.70	1	6.70	0	0.00	0	0.00
Summers	13,927	2	14.36	0	0.00	0	0.00	0	0.00	0	0.00
Taylor	16,895	1	5.92	0	0.00	0	0.00	0	0.00	0	0.00
Tucker	7,141	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Upshur	24,254	1	4.12	1	4.12	0	0.00	0	0.00	2	8.25
Wayne	42,481	0	0.00	1	2.35	2	4.71	0	0.00	0	0.00
Webster	7,154	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Wetzel-Tyler	25,791	0	0.00	1	3.88	0	0.00	1	3.88	0	0.00
Wirt	5,717	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Wood	86,956	1	1.15	2	2.30	2	2.30	1	1.15	3	3.45
Wyoming	23,796	0	0.00	0	0.00	0	0.00	2	8.40	0	0.00
TOTAL	1,852,994	249	13.44	182	9.82	182	9.82	146	7.88	189	10.20

Monthly Tuberculin Testing - 2016
Includes Both State and Private Pay

Counties	LTBIs	Contacts (Highest Risk) WV-DTBE				Medical Risk (High Risk) WV-DTBE				Foreign-Born, Lived in or Visited a Foreign Country (High Risk) WV-DTBE				Homeless (High Risk) WV-DTBE				Other Population Risks (Low Risk) LHD				Administration (Lowest Risk) LHD			
		IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)
Barbour	0	0	0	0	0	0	4	3	0	0	0	0	0	0	0	0	0	0	56	52	0	0	23	21	0
Berkeley	8	4	4	4	0	11	96	92	4	22	24	23	4	0	3	1	0	0	136	131	0	0	56	54	0
Boone	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	2	0	0	85	83	0	0	104	99	0
Braxton	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	14	14	0	0	21	21	0
Brooke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	88	88	0
Cabell	68	93	7	5	4	7	118	109	3	69	37	18	11	0	2	2	0	0	381	358	0	20	2539	2376	50
Calhoun	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Clay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Doddridge	0	0	39	39	0	0	4	4	0	0	0	0	0	0	0	0	0	0	42	40	0	0	5	5	0
Fayette	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gilmer	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0
Grant	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	41	37	0
Greenbrier	1	0	0	0	0	4	2	2	0	20	0	0	0	0	0	0	0	2	1	1	0	1	320	281	1
Hampshire	0	1	2	1	0	0	6	6	0	0	0	0	0	0	1	1	0	0	83	78	0	0	0	0	0
Hancock	1	1	7	7	1	2	2	2	0	3	0	0	0	0	0	0	0	1	6	5	0	0	59	58	0
Hardy	16	0	1	0	0	0	14	12	0	62	20	20	16	0	0	0	0	0	1	1	0	0	48	45	0
Harrison	2	0	6	6	0	0	10	10	0	0	3	3	1	0	1	1	0	0	234	230	1	0	6	6	0
Jackson	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	14	14	0
Jefferson	11	0	0	0	0	0	4	4	0	14	41	39	7	0	0	0	0	20	56	56	2	0	138	128	2
Kanawha	16	5	6	5	0	5	68	58	0	10	70	48	3	2	273	205	6	17	459	403	5	2	509	441	2
Lewis	1	0	0	0	0	1	2	1	0	3	2	2	1	0	2	2	0	4	2	2	0	0	43	40	0
Lincoln	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	19	0	0	32	27	0
Logan	7	1	3	3	0	3	47	43	1	4	9	9	1	0	0	0	0	1	4	4	1	3	393	371	4
McDowell	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	57	23	0	0	5	4	0
Marion	2	0	1	1	0	0	8	7	1	0	0	0	0	0	25	21	1	0	56	55	0	0	150	134	0
Marshall	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	90	84	0	0	0	0	0
Mason	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	1	1	0	6	150	140	0
Mercer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	53	0	1	184	184	0

Monthly Tuberculin Testing - 2016 (continued)
Includes Both State and Private Pay

Counties	LTBIs	Contacts (Highest Risk) WV-DTBE				Medical Risk (High Risk) WV-DTBE				Foreign-Born, Lived in or Visited a Foreign Country (High Risk) WV-DTBE				Homeless (High Risk) WV-DTBE				Other Population Risks (Low Risk) LHD				Administration (Lowest Risk) LHD			
		IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)
Mineral	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	85	80	0
Mingo	1	0	0	0	0	0	5	4	0	0	0	0	0	0	0	0	0	0	152	104	1	0	9	5	0
Monongalia	21	8	2	2	4	1	12	12	1	35	26	25	15	0	2	2	0	6	120	108	1	1	69	65	0
Monroe	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Morgan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	34	0	0	37	36	0
Nicholas	0	0	8	8	0	0	11	11	0	0	4	4	0	0	0	0	0	0	14	12	0	0	1	1	0
Ohio	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	5	1
Pendleton	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	2	0	0	12	11	0
Pleasants	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	10	10	0	0	44	42	0
Pocahontas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Preston	0	0	0	0	0	0	4	4	0	1	0	0	0	0	0	0	0	0	55	55	0	0	36	36	0
Putnam	1	0	0	0	0	0	25	25	0	0	10	10	0	0	0	0	0	0	134	125	0	0	47	46	1
Raleigh	23	246	0	0	4	7	16	16	4	10	3	3	3	0	0	0	0	9	0	0	3	4	1029	975	9
Randolph	3	0	0	0	0	2	66	65	1	20	4	3	2	0	33	29	0	0	67	63	0	0	112	107	0
Ritchie	0	0	3	3	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	14	14	0
Roane	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	0
Summers	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	57	50	0
Taylor	0	0	6	6	0	0	3	3	0	0	0	0	0	0	0	0	0	0	1	1	0	0	48	45	0
Tucker	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	39	0
Upshur	2	1	2	2	0	3	5	5	1	2	2	2	0	0	0	0	0	0	14	13	0	0	77	76	1
Wayne	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	114	110	0
Webster	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wetzel/Tyler	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	84	77	0
Wirt	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	9	9	0
Wood	3	1	1	1	0	0	4	4	0	26	14	14	3	0	1	1	0	0	0	0	0	0	323	296	0
Wyoming	0	0	0	0	0	1	17	17	0	0	0	0	0	0	0	0	0	0	22	22	0	0	8	8	0
TOTALS	189	361	99	94	13	48	565	531	16	315	274	228	68	2	345	267	7	60	2,473	2,252	14	39	7,192	6,712	71

Percent POSITIVE each group 2.8% 2.6% 11.5% 2.0% 0.6% 1.0%

Total LTBIs: **189** **Percentage tested Positive by category:** Contacts 2.8% Homeless 2.0%

Overall percentage of all tested POSITIVE 1.61% 31 Foreign-born 11.5% Administration 1.0%

Monthly Tuberculin Testing

2016

TOTALS FOR STATE FUNDED ONLY

Counties	LTBIs	Contacts (Highest Risk) WV-DTBE				Medical Risk (High Risk) WV-DTBE				Foreign-Born, Lived in or Visited a Foreign Country (High Risk) WV-DTBE				Homeless (High Risk) WV-DTBE				Other Population Risks (Low Risk) LHD				Administration (Lowest Risk) LHD			
		IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)
Barbour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Berkeley	8	4	4	4	0	11	96	92	4	22	24	23	4	0	3	1	0	0	0	0	0	0	0	0	0
Boone	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Braxton	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brooke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cabell	13	93	7	5	4	7	118	109	3	5	16	16	6	0	2	2	0	0	0	0	0	0	0	0	0
Calhoun	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Doddridge	0	0	39	39	0	0	1	1	0	0	0	0	0	0	0	0	0	0	6	6	0	0	0	0	0
Fayette	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gilmer	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grant	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Greenbrier	0	0	0	0	0	4	0	0	0	20	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0
Hampshire	0	1	2	1	0	0	6	6	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Hancock	1	1	7	7	1	2	1	1	0	3	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Hardy	14	0	1	0	0	0	13	11	0	62	16	16	14	0	0	0	0	0	1	1	0	0	0	0	0
Harrison	1	0	6	6	0	0	8	8	0	0	2	2	1	0	1	1	0	0	27	27	0	0	1	1	0
Jackson	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jefferson	2	0	0	0	0	0	0	0	0	14	3	2	2	0	0	0	0	0	0	0	0	0	7	6	0
Kanawha	11	5	6	5	0	5	68	58	0	10	70	48	3	2	273	205	6	17	0	0	1	2	4	2	1
Lewis	1	0	0	0	0	1	2	1	0	3	2	2	1	0	2	2	0	4	0	0	0	0	5	5	0
Lincoln	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0
Logan	3	1	3	3	0	3	41	38	1	4	9	9	1	0	0	0	0	1	4	4	1	0	2	2	0
McDowell	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marion	0	0	1	1	0	0	1	1	0	0	0	0	0	0	10	10	0	0	5	5	0	0	13	12	0
Marshall	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mason	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mercer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	16	16	0

Monthly Tuberculin Testing (continued)

2016

TOTALS FOR STATE FUNDED ONLY

Counties	LTBIs	Contacts (Highest Risk) WV-DTBE				Medical Risk (High Risk) WV-DTBE				Foreign-Born, Lived in or Visited a Foreign Country (High Risk) WV-DTBE				Homeless (High Risk) WV-DTBE				Other Population Risks (Low Risk) LHD				Administration (Lowest Risk) LHD			
		IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)
Mineral	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0
Mingo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monongalia	9	8	2	2	4	0	0	0	0	20	0	0	5	0	2	2	0	1	0	0	0	0	0	0	0
Monroe	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Morgan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	0	0	6	6	0	0
Nicholas	0	0	8	8	0	0	11	11	0	0	4	4	0	0	0	0	0	14	12	0	0	1	1	0	0
Ohio	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pendleton	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pleasants	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	4	4	0	0	10	9	0	0
Pocahontas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Preston	0	0	0	0	0	0	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Putnam	0	0	0	0	0	0	25	25	0	0	10	10	0	0	0	0	0	14	13	0	0	0	0	0	0
Raleigh	12	246	0	0	4	7	0	0	3	10	0	0	2	0	0	0	0	9	0	0	3	4	70	70	0
Randolph	3	0	0	0	0	1	4	4	1	19	3	3	2	0	31	27	0	0	1	1	0	0	1	0	0
Ritchie	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roane	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Summers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Taylor	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tucker	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Upshur	1	1	2	2	0	3	5	5	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Wayne	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Webster	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wetzel/Tyler	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wirt	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	2	2	0	0
Wood	3	1	1	1	0	0	1	1	0	25	10	10	3	0	1	1	0	0	0	0	0	0	0	0	0
Wyoming	0	0	0	0	0	1	17	17	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0
TOTALS	83	361	99	94	13	46	431	402	13	232	174	150	45	2	326	252	6	35	86	83	5	8	144	138	1

Percent POSITIVE each group 2.8% 2.7% 11.1% 1.8% 4.1% 0.7%

Total LTBIs: 83

Percentage tested Positive by category:

Contacts 2.8% Homeless 1.8%
 Medical Risk 2.7% Other Pop. Risk 4.1%
 Foreign-born 11.1% Administration 0.7%

Overall percentage of all tested POSITIVE 4.27%

Monthly Tuberculin Testing

2016

Private Pay ONLY

Counties	LTBIs	Medical Risk (High Risk) WV-DTBE				Foreign-Born, Lived in or Visited a Foreign Country (High Risk) WV-DTBE				Homeless (High Risk) WV-DTBE				Other Population Risks (Low Risk) LHD				Administration (Lowest Risk) LHD			
		IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)
		Barbour	0	0	4	3	0	0	0	0	0	0	0	0	0	0	56	52	0	0	23
Berkeley	0	0	0	0	0	0	0	0	0	0	0	0	0	0	136	131	0	0	56	54	0
Boone	0	0	0	0	0	0	1	1	0	0	2	2	0	0	85	83	0	0	104	99	0
Braxton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14	0	0	21	21	0
Brooke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	88	88	0
Cabell	55	0	0	0	0	64	21	2	5	0	0	0	0	0	381	358	0	20	2539	2376	50
Calhoun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Clay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Doddridge	0	0	3	3	0	0	0	0	0	0	0	0	0	0	36	34	0	0	5	5	0
Fayette	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gilmer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0
Grant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	37	0
Greenbrier	1	0	2	2	0	0	0	0	0	0	0	0	0	0	1	1	0	0	320	281	1
Hampshire	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83	78	0	0	0	0	0
Hancock	0	0	1	1	0	0	0	0	0	0	0	0	0	0	6	5	0	0	59	58	0
Hardy	2	0	1	1	0	0	4	4	2	0	0	0	0	0	0	0	0	0	48	45	0
Harrison	1	0	2	2	0	0	1	1	0	0	0	0	0	0	207	203	1	0	5	5	0
Jackson	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14	0
Jefferson	9	0	4	4	0	0	38	37	5	0	0	0	0	20	56	56	2	0	131	122	2
Kanawha	5	0	0	0	0	0	0	0	0	0	0	0	0	0	459	403	4	0	505	439	1
Lewis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	38	35	0
Lincoln	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	19	0	0	29	24	0
Logan	4	0	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	3	391	369	4
McDowell	0	0	1	1	0	0	0	0	0	0	0	0	0	0	57	23	0	0	5	4	0
Marion	2	0	7	6	1	0	0	0	0	0	15	11	1	0	51	50	0	0	137	122	0
Marshall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90	84	0	0	0	0	0
Mason	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	6	150	140	0
Mercer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	53	0	0	168	168	0

Monthly Tuberculin Testing (continued)

Private Pay ONLY

Counties	LTBIs	Medical Risk (High Risk) WV-DTBE				Foreign-Born, Lived in or Visited a Foreign Country (High Risk) WV-DTBE				Homeless (High Risk) WV-DTBE				Other Population Risks (Low Risk) LHD				Administration (Lowest Risk) LHD			
		IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)	IGRA	TST Given	TST Read	Tests (+)
Mineral	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	82	77	0
Mingo	1	0	5	4	0	0	0	0	0	0	0	0	0	0	152	104	1	0	9	5	0
Monongalia	12	1	12	12	1	15	26	25	10	0	0	0	0	5	120	108	1	1	69	65	0
Monroe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Morgan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	27	0	0	31	30	0
Nicholas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ohio	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	5	1
Pendleton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	12	11	0
Pleasants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	0	0	34	33	0
Pocahontas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Preston	0	0	2	2	0	0	0	0	0	0	0	0	0	0	55	55	0	0	36	36	0
Putnam	1	0	0	0	0	0	0	0	0	0	0	0	0	0	120	112	0	0	47	46	1
Raleigh	11	0	16	16	1	0	3	3	1	0	0	0	0	0	0	0	0	0	959	905	9
Randolph	0	1	62	61	0	1	1	0	0	0	2	2	0	0	66	62	0	0	111	107	0
Ritchie	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	14	14	0
Roane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	0
Summers	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	57	50	0
Taylor	0	0	3	3	0	0	0	0	0	0	0	0	0	0	1	1	0	0	48	45	0
Tucker	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	39	0
Upshur	1	0	0	0	0	0	0	0	0	0	0	0	0	0	14	13	0	0	77	76	1
Wayne	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	114	110	0
Webster	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wetzel/Tyler	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84	77	0
Wirt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	0
Wood	0	0	3	3	0	1	4	4	0	0	0	0	0	0	0	0	0	0	323	296	0
Wyoming	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	19	0	0	8	8	0
TOTALS	106	2	134	129	3	83	100	78	23	0	19	15	1	25	2,387	2,169	9	31	7,048	6,574	70

Percent POSITIVE each group

2.2%

12.6%

5.3%

0.4%

1.0%

Total LTBIs:

106

Percentage tested Positive by category:

Homeless

5.3%

Medical Risk

2.2%

Other Pop. Risk

0.4%

Overall percentage of all tested POSITIVE

1.08%

35

Foreign-born

12.6%

Administration

1.0%

**TUBERCULOSIS IN WEST VIRGINIA AND THE US
1977-2016**

<u>YEAR</u>	<u># WV CASES</u>	<u>WV RATE</u>	<u># US CASES</u>	<u>US RATE</u>
2016	14	.76	9,287	2.9
2015	10	.54	9,563	2.98
2014	13	.70	9,412	2.95
2013	13	.70	9,588	3.0
2012	8	.43	9,951	3.2
2011	13	.70	10,521	3.4
2010	15	.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
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

**TUBERCULOSIS IN WEST VIRGINIA AND THE US
1977-2016
(Continued)**

<u>YEAR</u>	<u># WV CASES</u>	<u>WV RATE</u>	<u># US CASES</u>	<u>US RATE</u>
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
1981	181	9.3	27,373	11.9
1980	203	10.4	27,749	12.2
1979	221	11.8	27,669	12.3
1978	216	11.6	28,521	12.8
1977	239	12.9	30,145	13.7

**TB DRUG RESISTANCE IN WV
1996 TO 2016**

<u>YEAR</u>	<u>MONO</u>	<u>MDR</u>	<u>2 OTHER</u>
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
2002	2	0	1
2001	5	0	0
2000	4	0	2
1999	2	0	2
1998	3	0	0
1997	3	0	0
1996	3	0	0