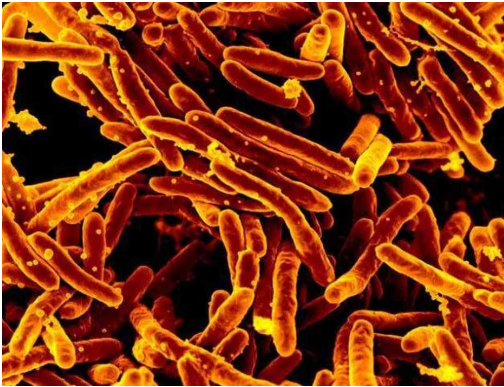


2013 West Virginia TB Profile



Office of Epidemiology & Prevention Services
Division of TB Elimination



*Bureau for Public Health
350 Capitol Street, Room 702
Charleston, WV 25301*

*Earl Ray Tomblin, Governor
Karen L. Bowling, Cabinet Secretary*

**WV DIVISION OF TUBERCULOSIS ELIMINATION
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TB Advisory Committee

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Dr. Loretta Haddy	State Epidemiologist
Carmen Priddy	Director, Division of TB Elimination
Libby Boggess	Surveillance Nurse, Division of TB Elimination
Chantal Fields	American Lung Association
Dr. Edward Dugan	WV School of Osteopathic Medicine
Dr. Melanie Fisher	West Virginia University
Dr. Greg Juckett	WVU Student Health
Rebecca King	WV Department of Education
Judy McGill	BPH - Public Health Nursing Administration
Ann Goldberg	Counsel - BPH
Dr. Harry Tweel	Cabell-Huntington Health Department
Dr. Rahul Gupta	Kanawha-Charleston Health Department
Laura Boone	WV Higher Education Policy Commission
Angela Gray	Berkeley County Health Department
Peggy Lambert Fink	WVU Tech Student Health - Nurse Practitioner
Dr. April Kilgore	Marshall University

2013 WV Active Tuberculosis Cases by County



Each of the marked counties has a single case with the exceptions of Cabell (3) and Monongalia (2).

WV Tuberculosis Cases by County

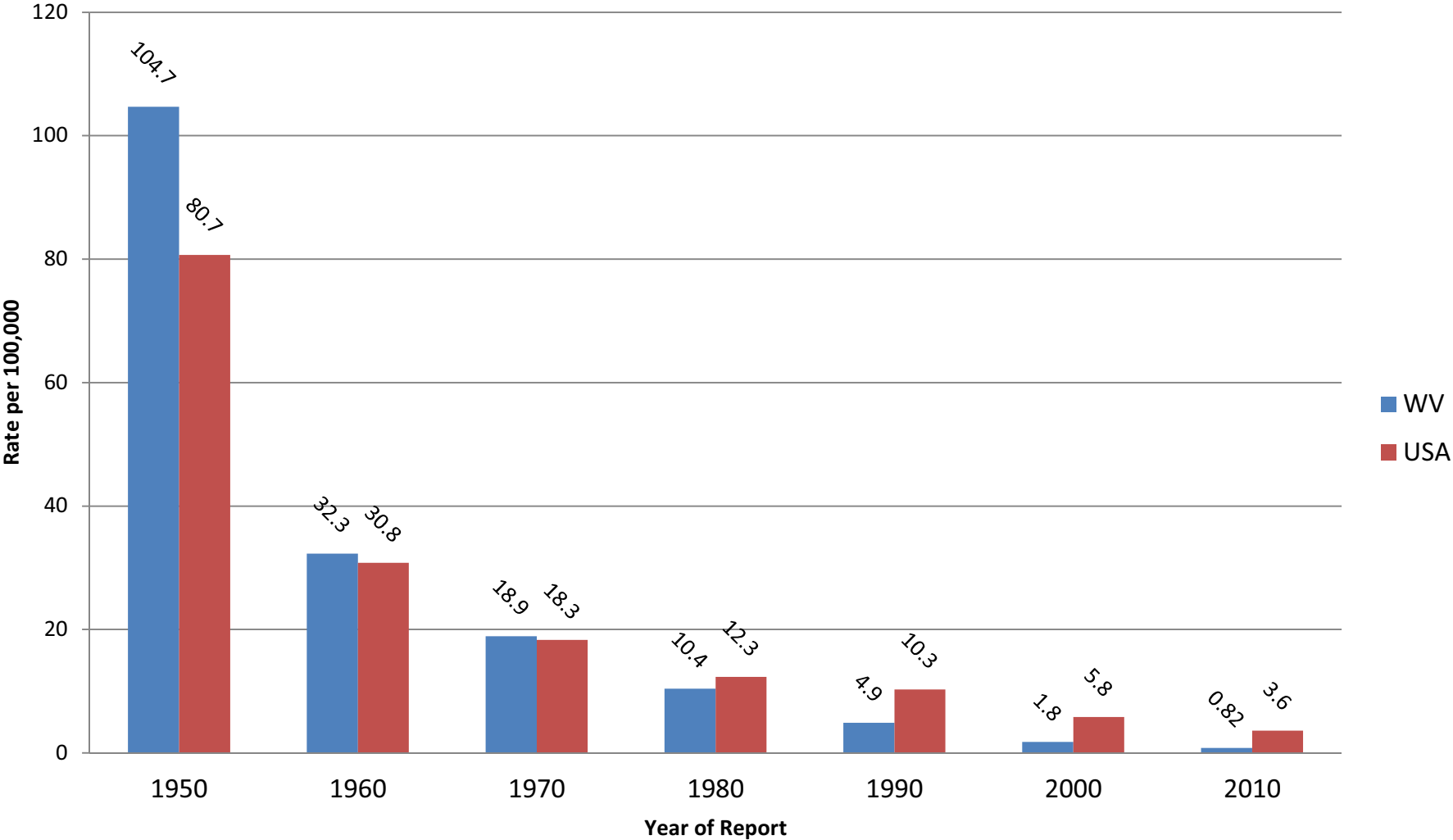
2010-2013



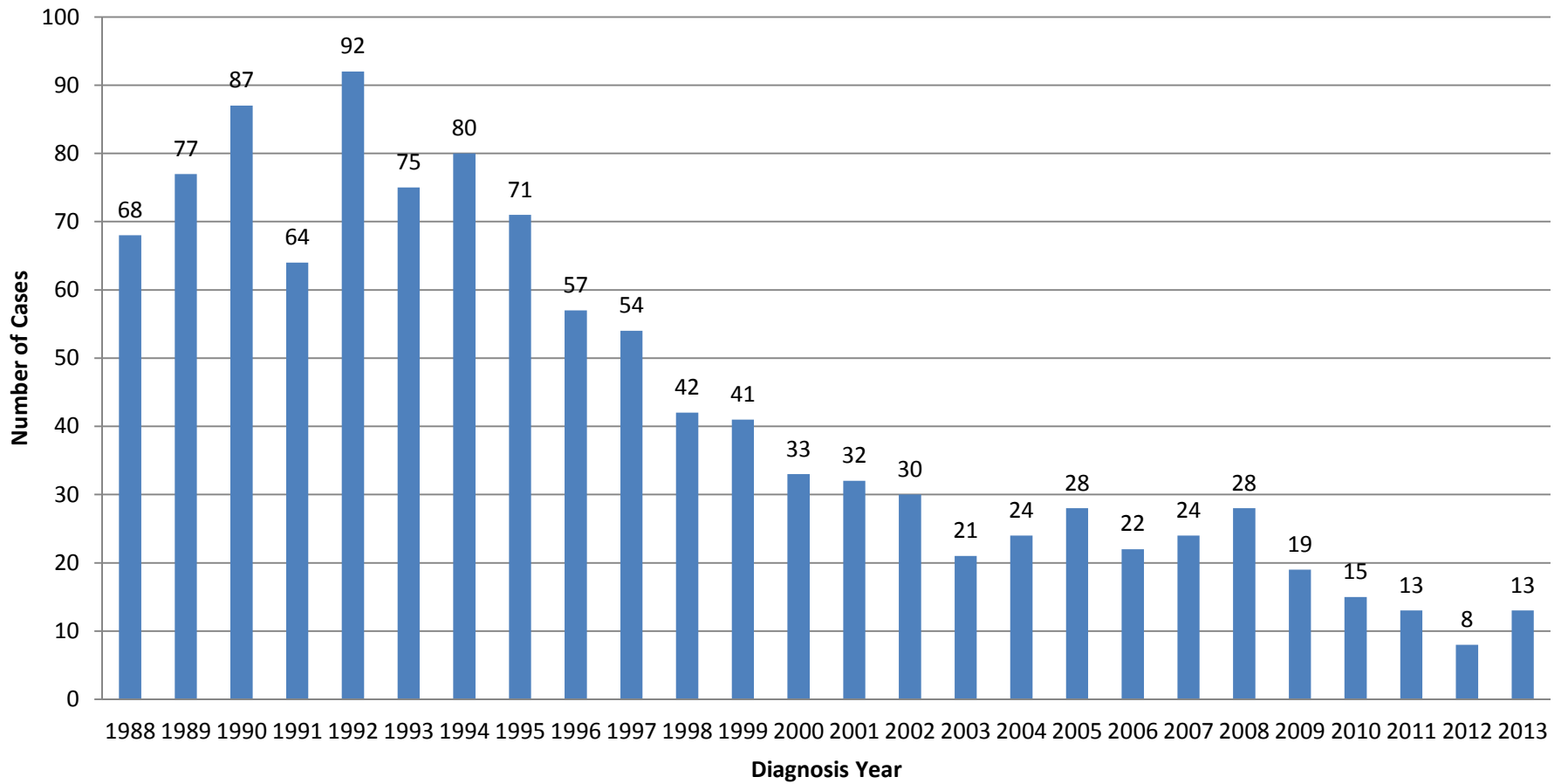
Each county may have one or multiple cases for the period 2010-2013. This map is intended to show the geographic area of the cases only.

TB Incidence Rate by Year of Report

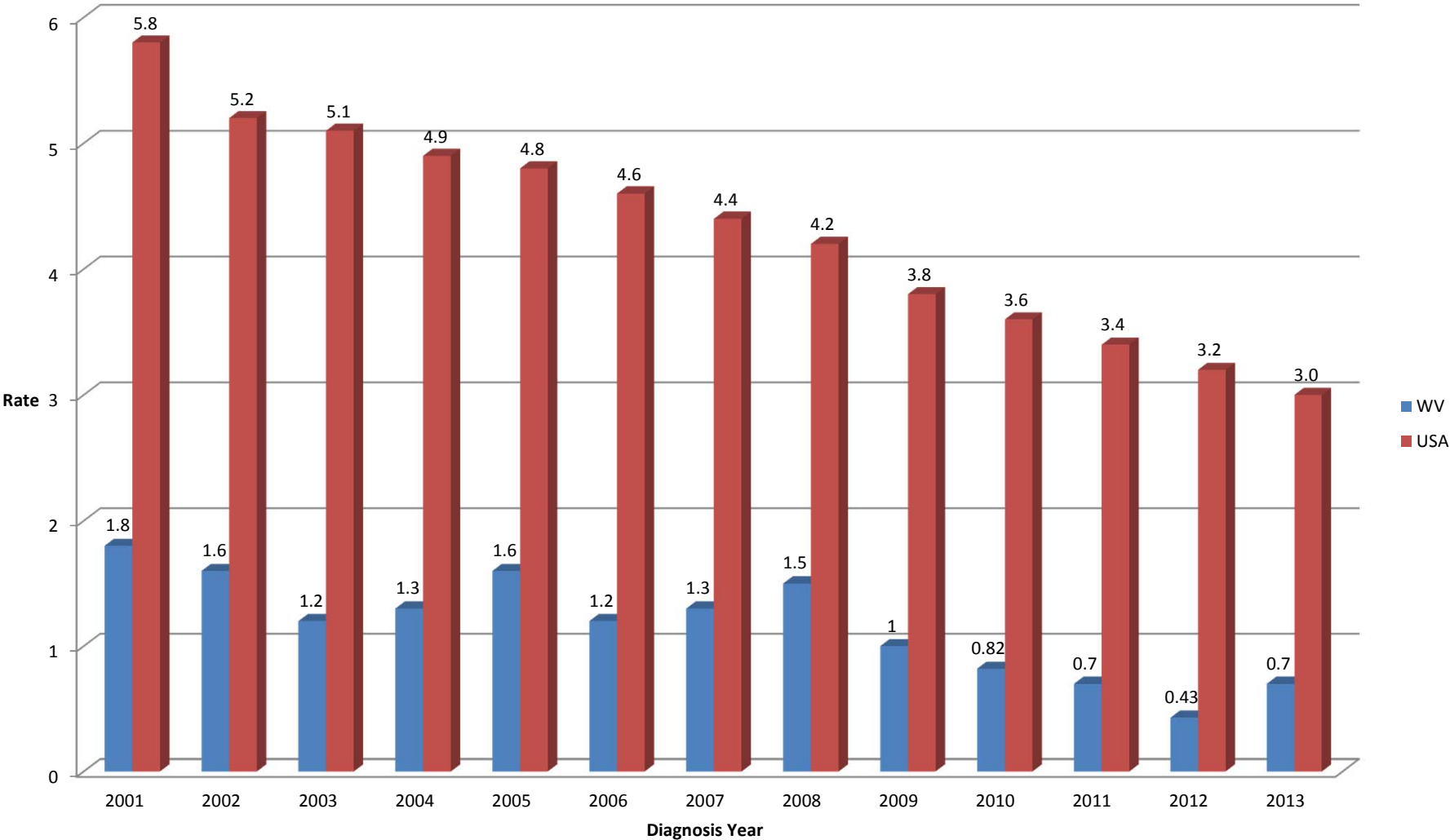
WV and USA Decennial Rates, 1950-2010



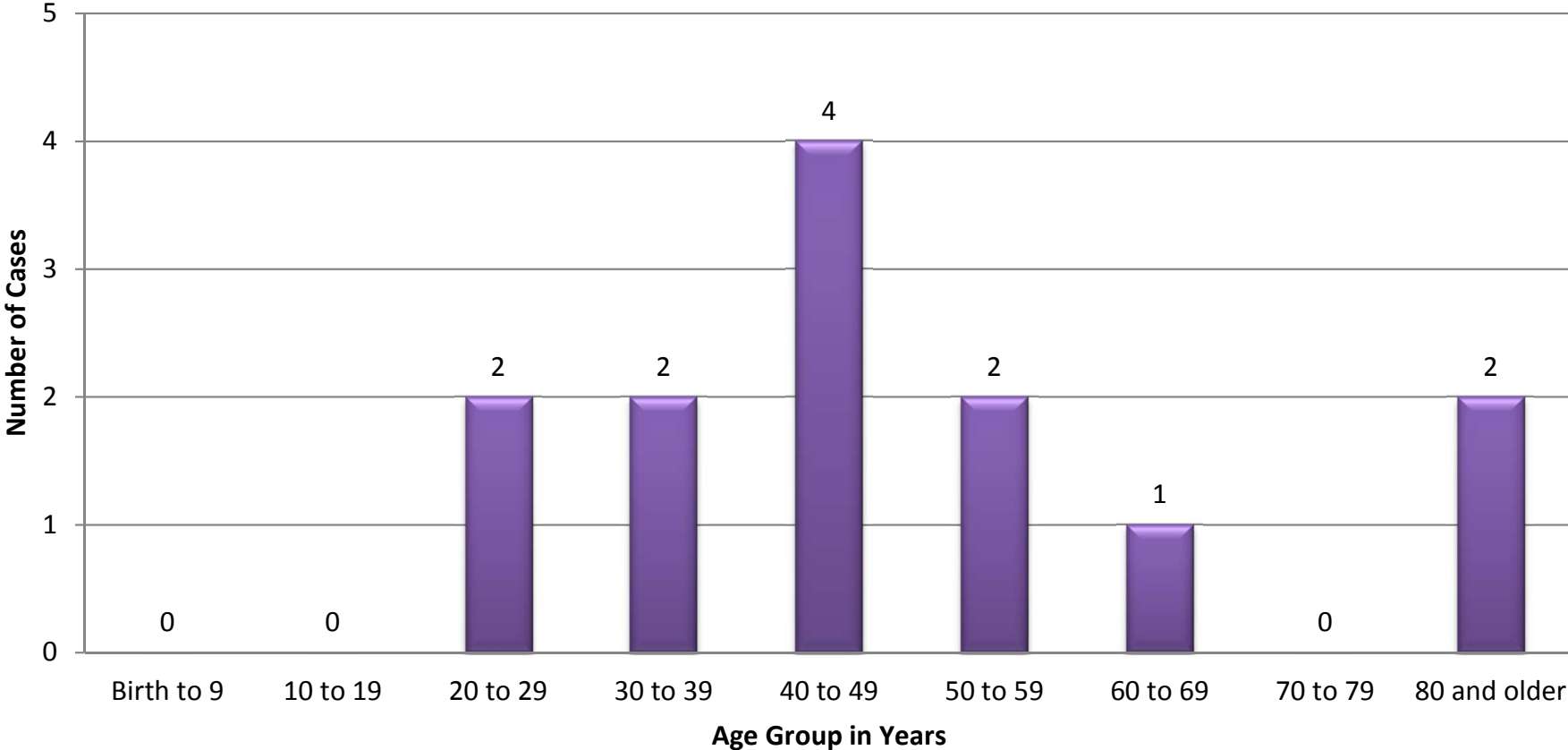
Number of Newly Diagnosed TB Cases in WV



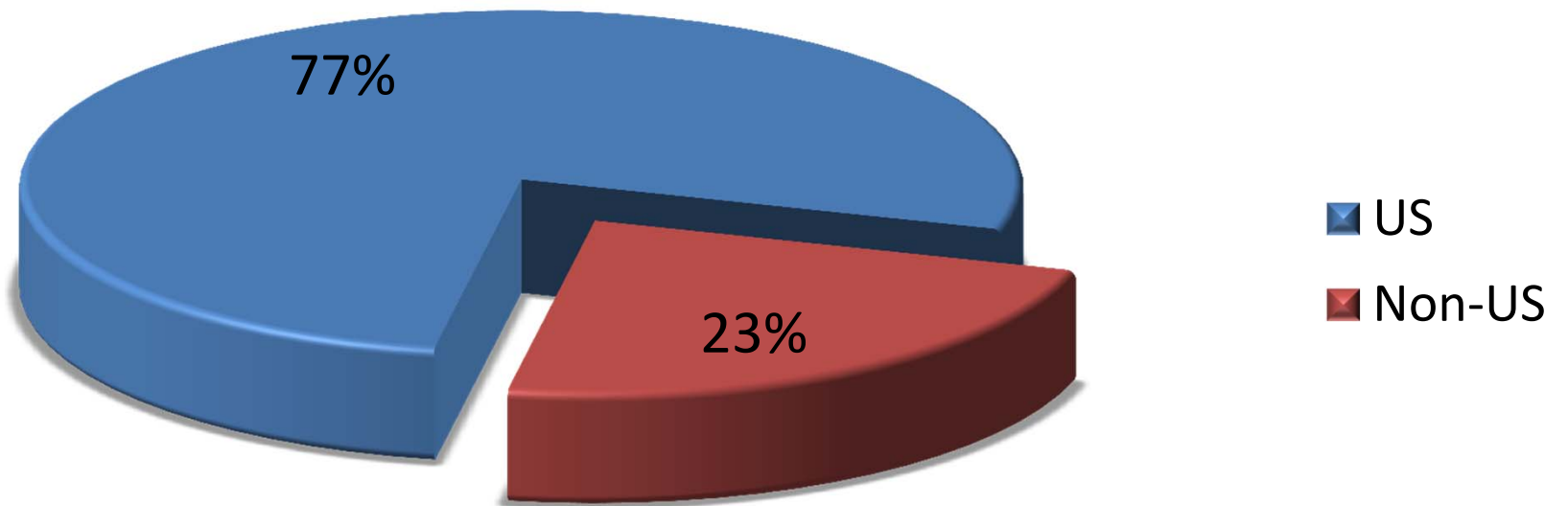
TB Incidence Rates per 100,000 by Diagnosis Year



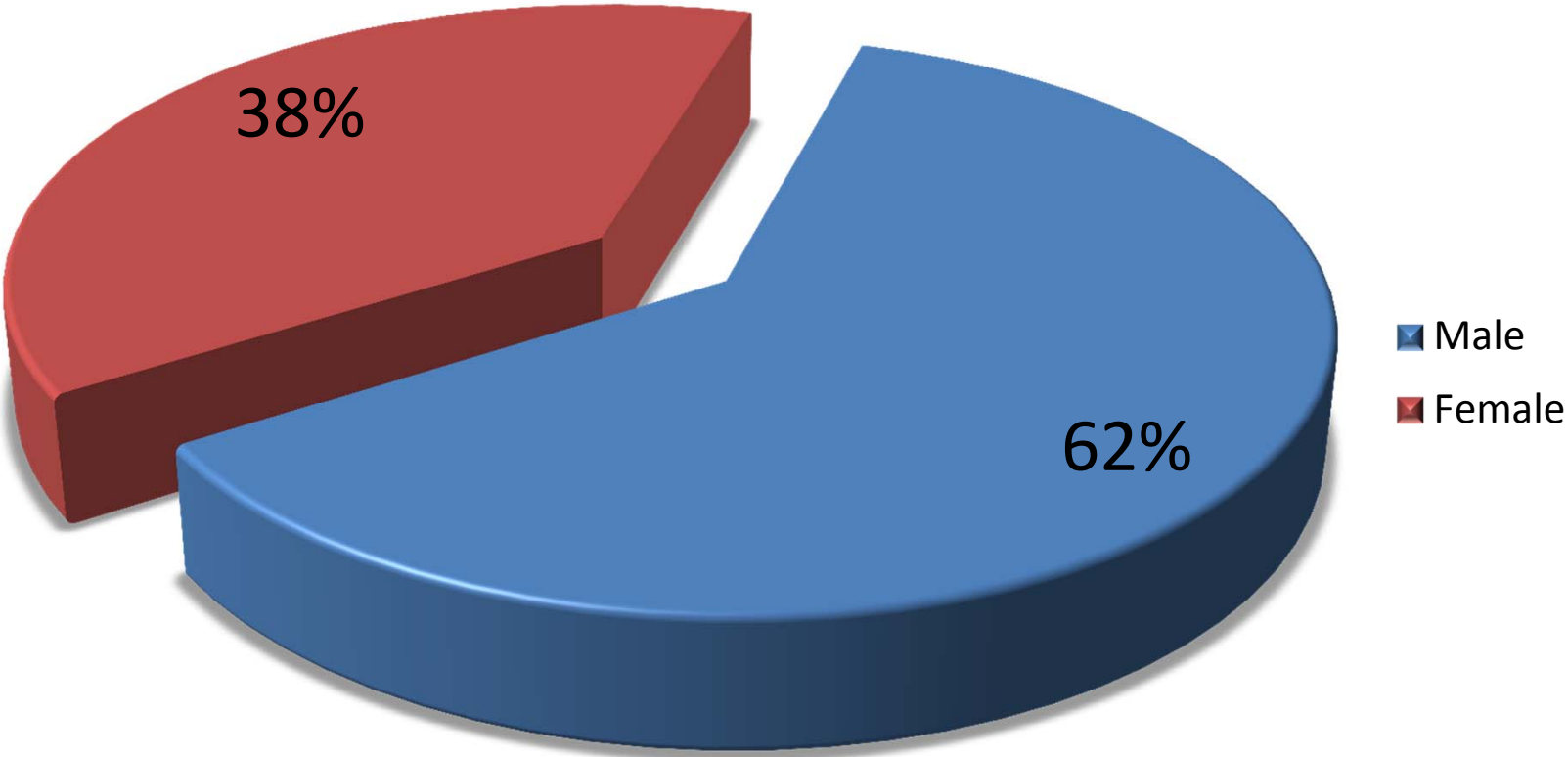
WV 2013 Cases of TB by Age Group



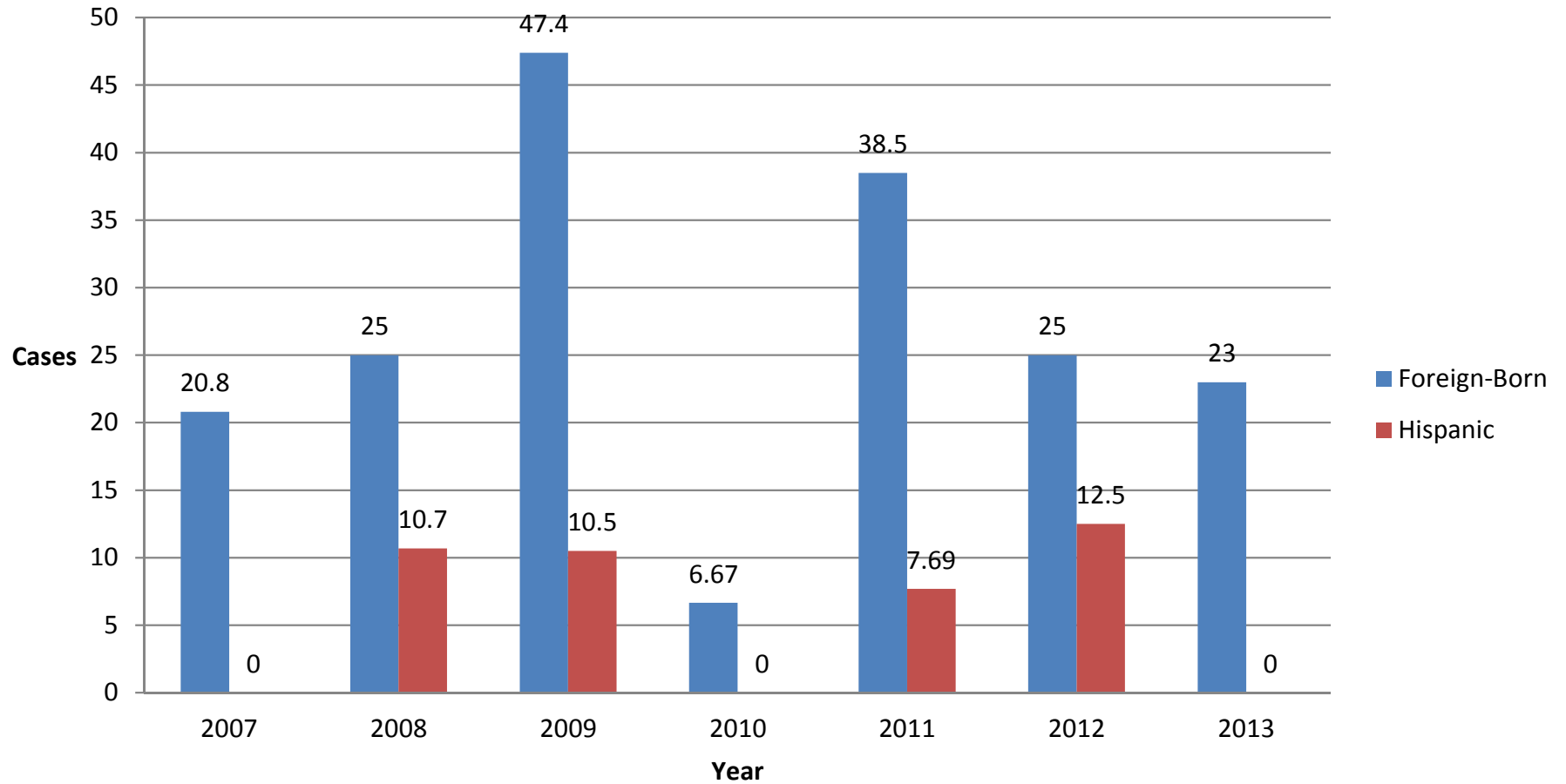
WV TB Cases by Country of Origin - 2013



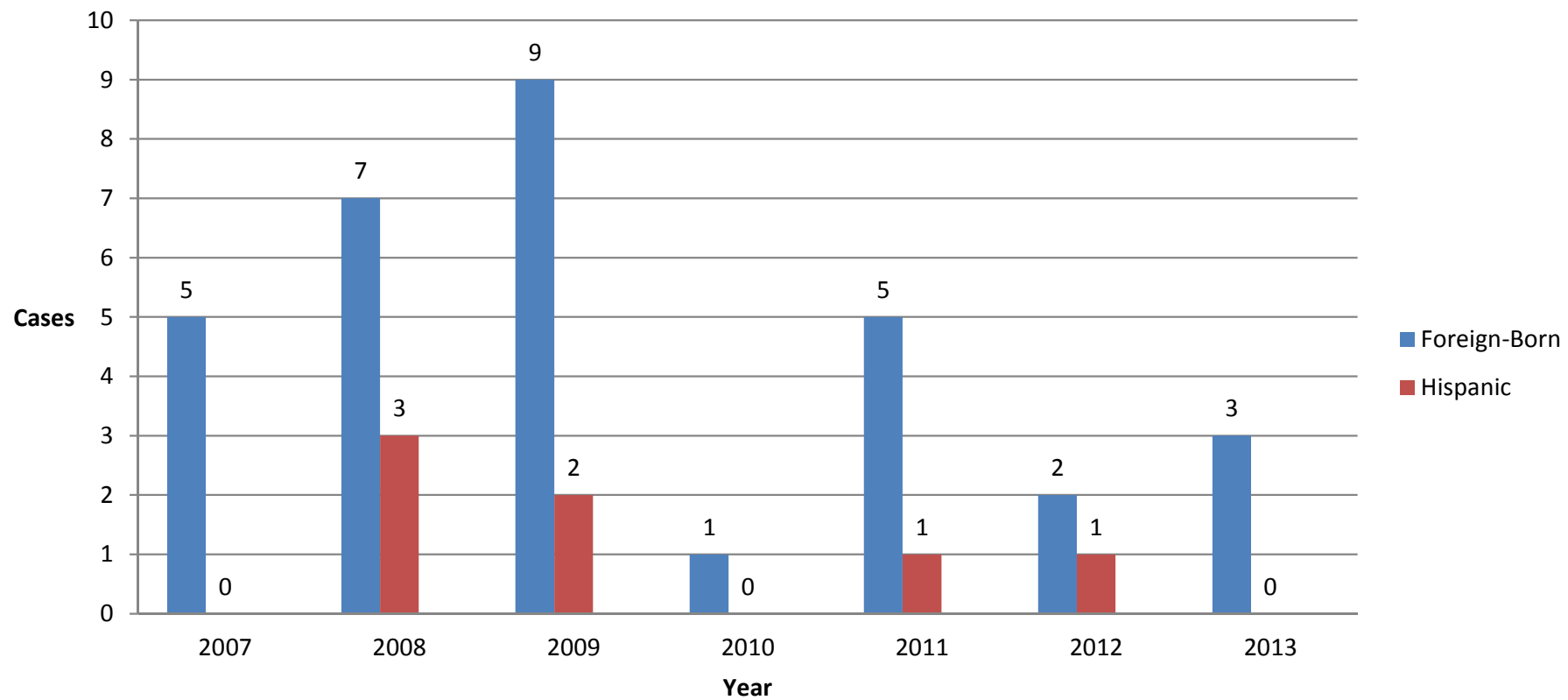
Gender of WV TB Cases - 2013



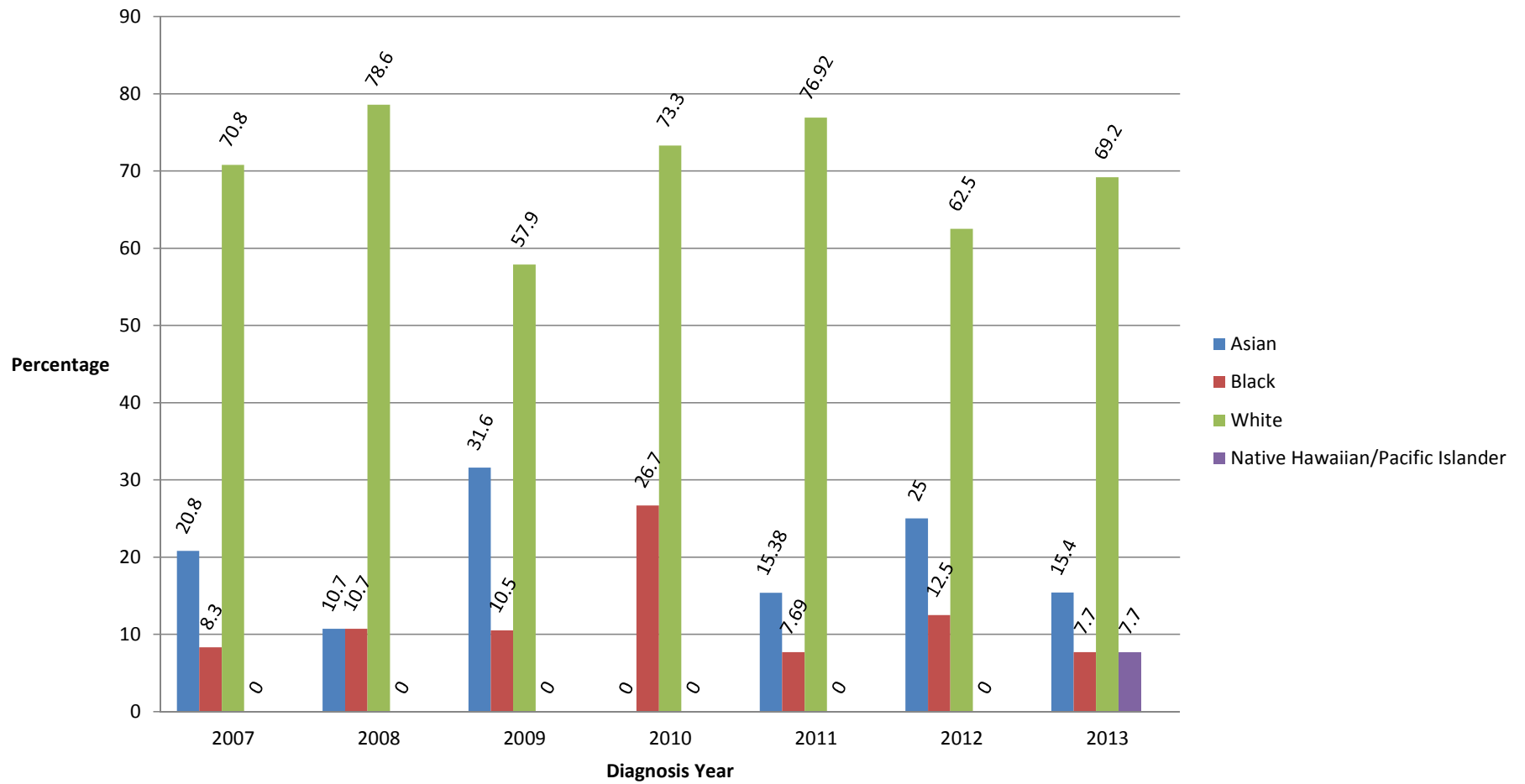
Percentage of WV TB Cases: Foreign-Born vs. Hispanic, 2007-2013



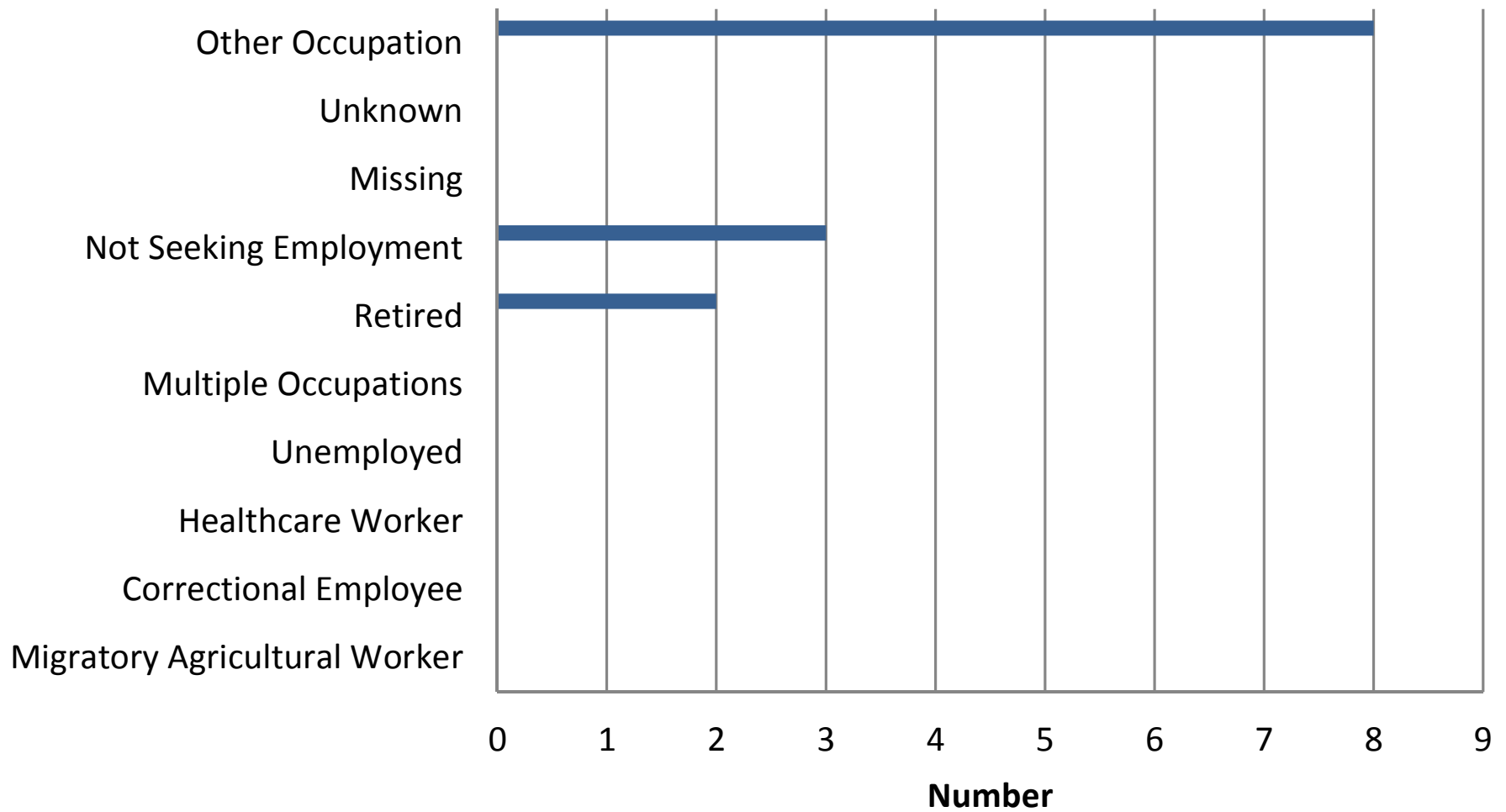
Number of WV TB Cases: Foreign-Born vs. Hispanic, 2007-2013



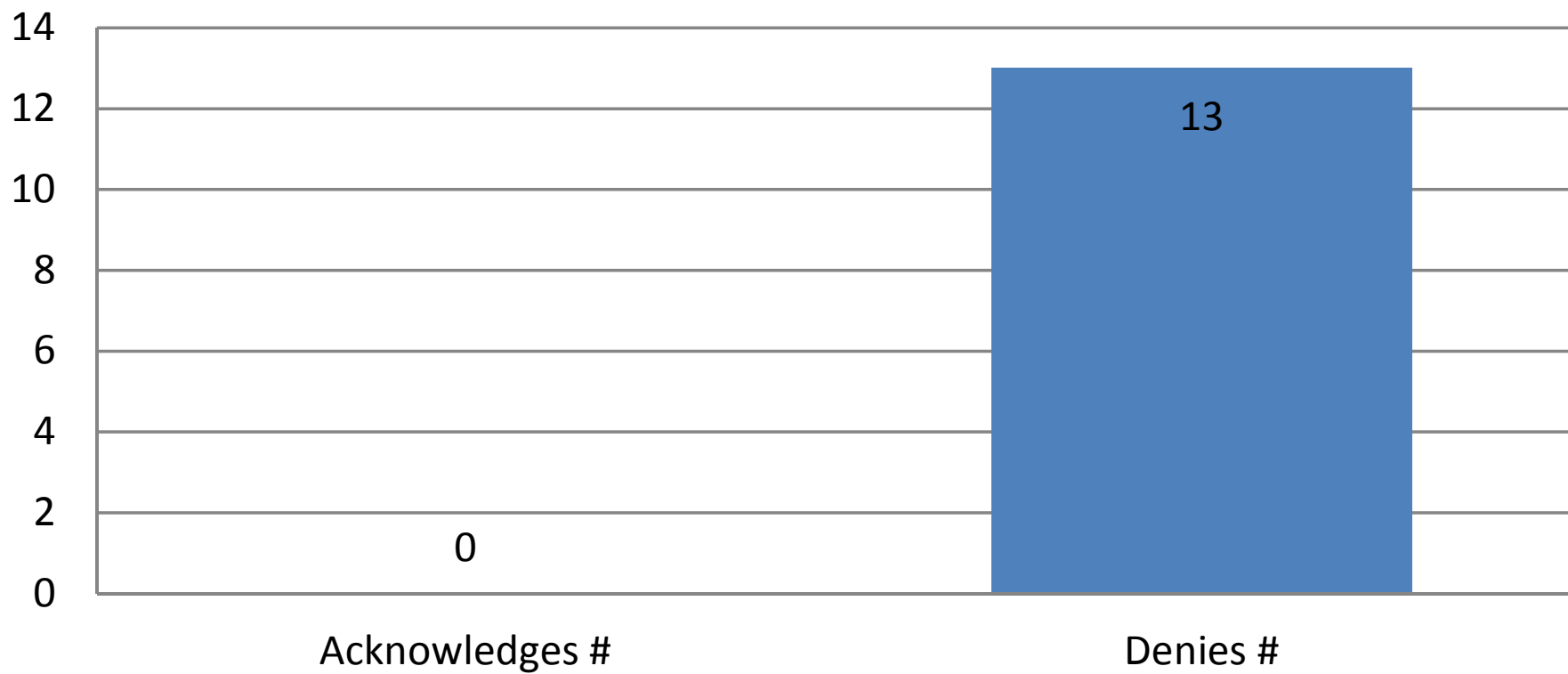
Race of WV TB Cases by Diagnosis Year, 2007-2013



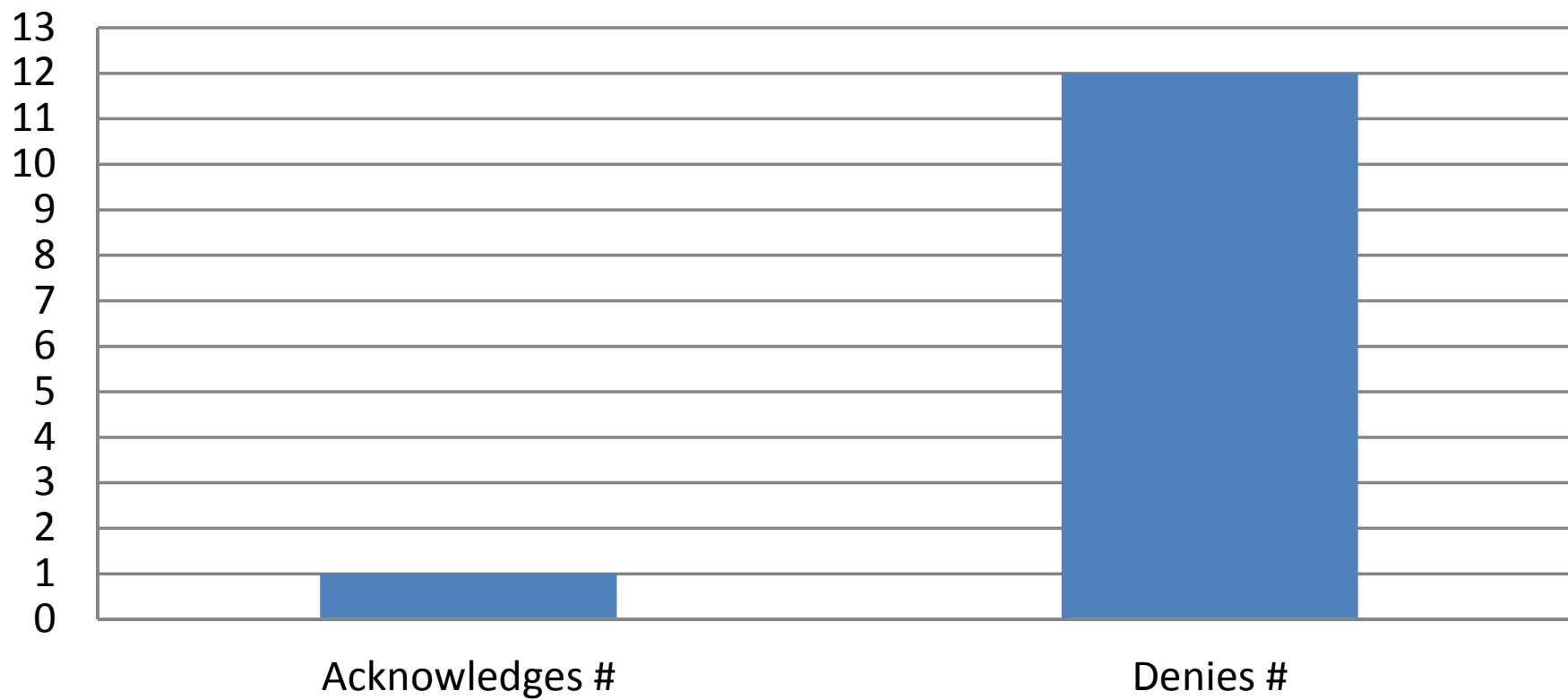
WV TB Cases in 2013 by Employment at Diagnosis



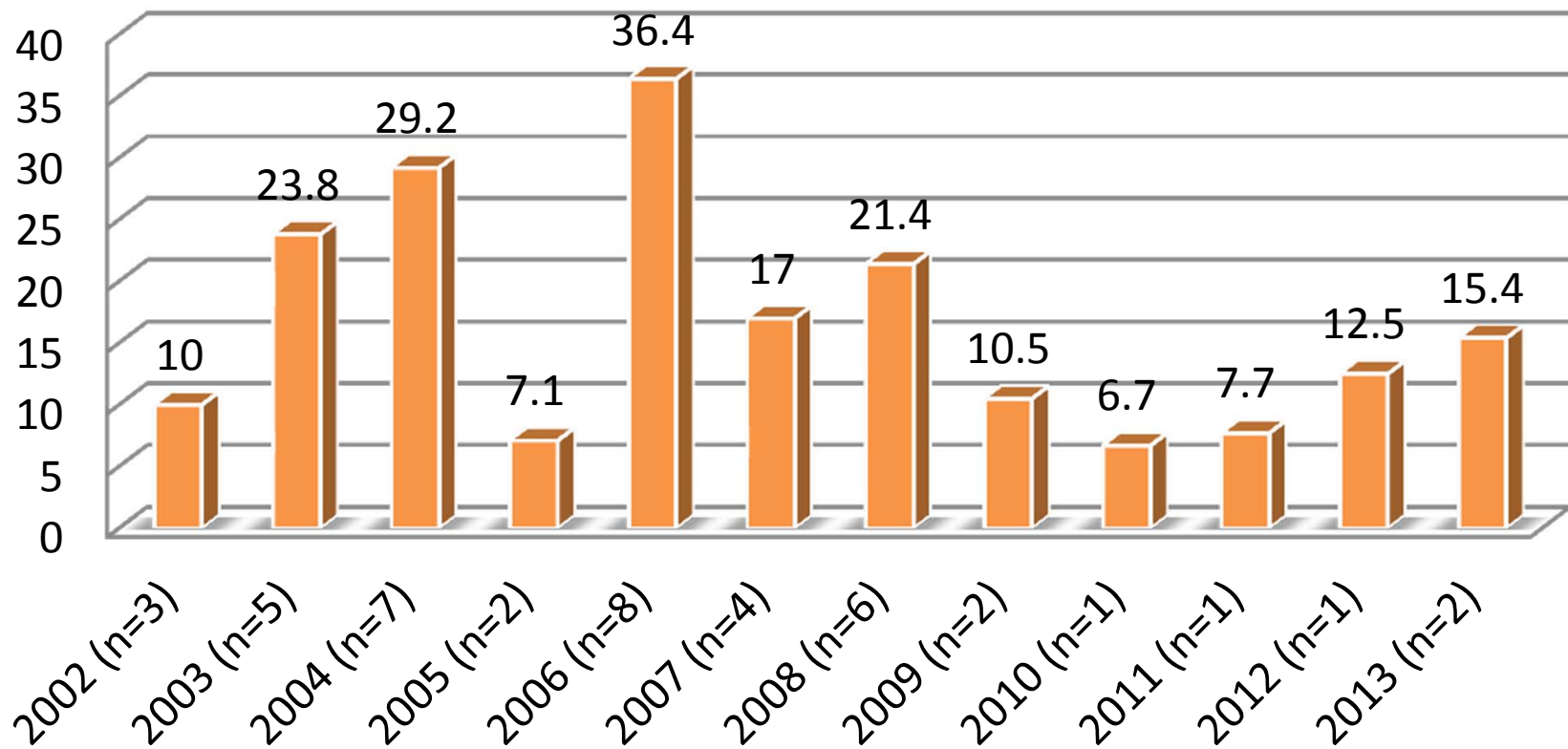
WV TB Cases by Injected Drug Use, 2013



WV TB Cases by Non-Injected Drug Use, 2013



Percentage of WV Cases with Reported History of Alcohol Abuse in the Past Year, 2002-2013



SURVEILLANCE CLINICAL DATA
 For the Month-Year Counted
 Beginning 01/2013 and Ending 12/2013

Reporting Area: West Virginia Bureau for Public Health – All Counties

STATUS AT DIAGNOSIS OF TB

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

PREVIOUS DIAGNOSIS OF TB

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

SITE OF DISEASE

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Pulmonary	8	61.54%
Extrapulmonary	4	30.77%
Both	1	7.69%
Site Not Stated/Missing	0	0.00%
TOTAL	13	100.00%

SPUTUM SMEAR

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Positive	5	38.46%
Negative	3	23.08%
Not Done	5	38.46%
Unknown/Missing	0	0.00%
	13	100.00%

SURVEILLANCE CLINICAL DATA
 For the Month-Year Counted
 Beginning 01/2013 and Ending 12/2013
 (Continued)

SPUTUM CULTURE

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Positive	5	38.46%
Negative	3	23.08%
Not Done	5	38.46%
Unknown/Missing	0	0.00%
TOTAL	13	100.00%

MICROSCOPIC EXAM OF TISSUE AND OTHER BODY FLUIDS

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Positive	4	30.77%
Negative	4	30.77%
Not Done	5	38.46%
Unknown/Missing	0	0.00%
TOTAL	13	100.00%

CULTURE OF TISSUE AND OTHER BODY FLUIDS

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Positive	7	53.85%
Negative	0	0.00%
Not Done	6	46.15%
Unknown	0	0.00%
Missing	0	0.00%
TOTAL	13	100.00%

SURVEILLANCE CLINICAL DATA
 For the Month-Year Counted
 Beginning 01/2013 and Ending 12/2013
 (Continued)

CHEST X-RAY

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Normal	2	15.38%
Abnormal	9	69.24%
Not Done/Unknown/Missing	2	15.38%
TOTAL	13	100.00%

TUBERCULIN (MANTOUX) SKIN TEST AT DIAGNOSIS

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Positive	1	7.69%
Negative	2	15.38%
Not Done	10	76.93%
Unknown	0	0.00%
Missing	0	0.00%
TOTAL	13	100.00%

HIV STATUS

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Negative	12	92.31%
Positive	0	0.00%
Indeterminate	0	0.00%
Refused	1	7.69%
Not Offered	0	0.00%
Test Done, Results Unknown	0	0.00%
Unknown	0	0.00%
Missing	0	0.00%
TOTAL	13	100.00%

SURVEILLANCE CLINICAL DATA
 For the Month-Year Counted
 Beginning 01/2013 and Ending 12/2013
 (Continued)

INITIAL DRUG REGIMEN

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
No Drugs	0	0.00%
One Drug	0	0.00%
INH, RIF, PZA, and EMB or SM	13	100.00%
INH, RIF, and PZA	0	0.00%
INH and RIF	0	0.00%
Any other multiple drug combination	0	0.00%
Unknown	0	0.00%
TOTAL	13	100.00%

SURVEILLANCE DEMOGRAPHICS REPORT
 For the Month-Year Counted
 Beginning 01/2013 and Ending 12/2013

Reporting Area: West Virginia Bureau for Public Health – All Counties

ETHNICITY

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Hispanic or Latino	0	0.00%
Not Hispanic or Latino	13	100.00%
Unknown or Missing	0	0.00%
TOTAL	13	100.00%

RACE

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Single Race:		
American Indian or Alaska Native	0	0.00 %
Asian	2	15.38%
Black or African-American	1	7.69%
Native Hawaiian or Pacific Islander	1	7.69%
White	8	69.24%
Multiple Races	0	0.00%
Unknown/Missing	0	0.00%
TOTAL	13	100.00%

SEX

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Male	8	61.54%
Female	5	38.46%
Unknown/Missing	0	0.00%
TOTAL	13	100.00%

SURVEILLANCE DEMOGRAPHICS REPORT
 For the Month-Year Counted
 Beginning 01/2013 and Ending 12/2013
 (Continued)

COUNTRY OF ORIGIN

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
USA	10	76.92%
Non-US	3	23.08%
Unknown/Missing	0	0.00%
	13	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	1	7.69%
25 – 29	1	7.69%
30 – 34	2	15.38%
35 – 39	0	0.00%
40 – 44	0	0.00%
45 – 49	3	23.10%
50 – 54	1	7.69%
55 – 59	2	15.38%
60 – 64	1	7.69%
65 – 69	0	0.00%
70 – 74	0	0.00%
75 – 79	0	0.00%
80 – 84	0	0.00%
85 and Older	2	15.38%
Unknown	0	0.00%
TOTAL	13	100.00%

SURVEILLANCE DEMOGRAPHICS REPORT
 For the Month-Year Counted
 Beginning 01/2013 and Ending 12/2013
 (Continued)

10 YEAR AGE GROUP

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
0 – 9	0	0.00%
10 – 19	0	0.00%
20 – 29	2	15.38%
30 – 39	2	15.38%
40 – 49	4	30.79%
50 – 59	2	15.38%
60 – 69	1	7.69%
70 – 79	0	0.00%
80 and Older	2	15.38%
Unknown	0	0.00%
TOTAL	13	100.00%

HOMELESS WITHIN PAST YEAR

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

RESIDENT OF A CORRECTIONAL FACILITY AT TIME OF DIAGNOSIS

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

SURVEILLANCE DEMOGRAPHICS REPORT
 For the Month-Year Counted
 Beginning 01/2013 and Ending 12/2013
 (Continued)

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

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
No	12	92.31%
Yes	1	7.69%
Unknown/Missing	0	0.00%
TOTAL	13	100.00%

INJECTED DRUG USE WITHIN PAST YEAR

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

NON-INJECTED DRUG USE WITHIN PAST YEAR

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
No	12	92.31%
Yes	1	7.69%
Unknown/Missing	0	0.00%
TOTAL	13	100.00%

EXCESS ALCOHOL USE WITHIN PAST YEAR

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
No	11	84.62%
Yes	2	15.38%
Unknown/Missing	0	0.00%
TOTAL	13	100.00%

SURVEILLANCE DEMOGRAPHICS REPORT
 For the Month-Year Counted
 Beginning 01/2013 and Ending 12/2013
 (Continued)

OCCUPATION

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Healthcare Worker	0	0.00%
Correctional Employee	0	0.00%
Migratory Agricultural Worker	0	0.00%
Other Occupation	8	61.54%
Retired	2	15.38%
Not Seeking Employment (e.g. student, etc.)	3	23.08%
Not Employed Within Past 24 Months	0	0.00%
<u>Unknown/Missing</u>	0	0.00%
TOTAL	13	100.00%

NEWLY REPORTED VERIFIED CASES OF TUBERCULOSIS IN WEST VIRGINIA

COUNTY	CENSUS 2010	2007	2008	2009	2010	2011	2012	2013	2013 I-RATE
Barbour	16,589	0	1	0	0	0	0	0	0.00
Berkeley	104,169	3	5	0	1	1	0	1	0.96
Boone	24,629	0	0	0	0	0	0	0	0.00
Braxton	14,523	0	0	0	0	0	0	0	0.00
Brooke	24,069	0	1	0	0	0	0	0	0.00
Cabell	96,319	0	4	3	0	2	2	3	3.11
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	0	0	0	1	12.19
Fayette	46,039	2	1	0	0	0	0	0	0.00
Gilmer	8,693	0	0	2	3	0	1	0	0.00
Grant	11,937	0	0	0	0	0	0	1	8.38
Greenbrier	35,480	1	0	0	0	0	0	0	0.00
Hampshire	23,964	0	0	0	0	0	0	0	0.00
Hancock	30,676	0	0	0	0	0	0	0	0.00
Hardy	14,025	0	0	0	0	1	0	0	0.00
Harrison	69,099	1	0	0	0	1	0	1	1.45
Jackson	29,211	0	0	0	0	0	0	0	0.00
Jefferson	53,498	0	1	0	0	1	0	1	1.87
Kanawha	193,063	2	2	2	1	0	1	0	0.00
Lewis	16,372	1	0	0	0	0	0	0	0.00
Lincoln	21,270	0	0	0	0	0	0	0	0.00
Logan	36,743	0	0	0	2	0	1	0	0.00
Marion	56,418	0	0	0	0	0	0	1	1.77
Marshall	33,107	0	0	0	1	0	0	0	0.00
Mason	27,324	0	0	1	0	0	0	0	0.00
McDowell	22,113	2	1	2	0	1	1	0	0.00
Mercer	62,264	0	0	2	0	1	0	1	1.61
Mineral	28,212	0	0	1	0	0	0	0	0.00
Mingo	26,839	2	0	0	1	0	0	0	0.00
Monongalia	96,189	2	1	2	2	1	0	2	2.08
Monroe	13,502	0	0	0	0	0	0	0	0.00
Morgan	17,541	1	1	0	0	0	0	0	0.00
Nicholas	26,233	0	0	0	1	0	0	0	0.00
Ohio	44,443	0	1	1	0	0	0	0	0.00
Pendleton	7,695	0	0	0	0	0	0	1	13.00
Pleasants	7,605	1	0	0	0	0	0	0	0.00
Pocahontas	8,719	0	1	0	0	0	0	0	0.00
Preston	33,520	0	0	0	1	0	0	0	0.00

COUNTY	CENSUS 2010	2007	2008	2009	2010	2011	2012	2013	2013 I-RATE
Putnam	55,486	1	1	1	0	2	0	0	0.00
Raleigh	78,859	1	4	1	0	1	1	0	0.00
Randolph	29,405	0	0	0	1	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	0	0	0.00
Taylor	16,895	0	0	0	0	0	0	0	0.00
Tucker	7,141	1	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	0	0	0	0.00
Wayne	42,481	1	0	0	1	1	1	0	0.00
Webster	7,154	0	0	0	0	0	0	0	0.00
Wetzel	16,583	0	0	1	0	0	0	0	0.00
Wirt	5,717	0	0	0	0	0	0	0	0.00
Wood	86,956	2	2	0	0	0	0	0	0.00
Wyoming	23,796	0	1	0	0	0	0	0	0.00
TOTAL	1,852,994	24	28	19	15	13	8	13	
I-Rate for WV		1.3	1.5	1	0.82	0.7	0.43	0.70	
# Counties with TB Cases		16	15	12	11	11	7	10	

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

County	Population 2010 Census	2009 LTBI	2009 Rate	2010 LTBI	2010 Rate	2011 LTBI	2011 Rate	2012 LTBI	2012 Rate	2013 LTBI	2013 Rate
Barbour	16,589	2	12.85	5	31.73	4	24.11	1	6.03	0	0.00
Berkeley	104,169	30	39.52	19	18.29	15	14.4	13	12.48	11	10.56
Boone	24,629	3	11.74	0	0	6	24.36	12	48.72	2	8.12
Braxton	14,523	0	0	0	0	0	0	0	0.00	1	6.89
Brooke	24,069	0	0	0	0	1	4.15	0	0.00	0	0.00
Cabell	96,319	53	54.76	41	43.06	75	77.87	36	37.38	26	26.99
Calhoun	7,627	0	0	0	0	0	0	0	0.00	0	0.00
Clay	9,386	2	19.36	0	0	0	0	0	0.00	0	0.00
Doddridge	8,202	1	13.5	3	41.66	0	0	0	0.00	2	24.38
Fayette	46,039	1	2.1	1	2.17	0	0	0	0.00	0	0.00
Gilmer	8,693	0	0	0	0	0	0	0	0.00	0	0.00
Grant	11,937	10	88.5	1	8.45	0	0	1	8.38	0	0.00
Greenbrier	35,480	5	14.51	8	23.17	0	0	2	5.64	5	14.09
Hampshire	23,964	3	14.84	0	0	1	4.17	1	4.17	1	4.17
Hancock	30,676	0	0	0	0	1	3.26	0	0.00	1	3.26
Hardy	14,025	6	47.35	7	51.43	9	64.17	21	149.73	20	142.60
Harrison	69,099	16	23.3	4	5.8	11	15.92	5	7.24	6	8.68
Jackson	29,211	6	21.42	2	7.13	0	0	3	10.27	1	3.42
Jefferson	53,498	58	137.47	56	106.16	32	59.82	58	108.42	21	39.25
Kanawha	193,063	22	10.99	39	20.35	6	3.11	35	18.13	27	13.99
Lewis	16,372	0	0	4	23	0	0	0	0.00	1	6.11
Lincoln	21,720	1	4.52	0	0	0	0	0	0.00	2	9.21
Logan	36,743	13	34.47	13	36.62	7	19.05	9	24.49	2	5.44
Marion	56,418	6	10.6	11	19.4	2	3.54	0	0.00	0	0.00
Marshall	33,107	1	2.81	5	15.36	2	6.04	1	3.02	1	3.02
Mason	27,324	0	0	0	0	4	14.64	0	0.00	2	7.32
McDowell	22,113	1	3.65	1	4.46	0	0	0	0.00	0	0.00
Mercer	62,264	16	25.4	18	29.07	22	35.33	13	20.88	6	9.64
Mineral	28,212	5	18.46	0	0	0	0	0	0.00	1	3.54
Mingo	26,839	3	10.61	2	7.58	3	11.18	1	3.73	2	7.45
Monongalia	96,189	5	6.1	10	11.1	12	12.48	0	0.00	0	0.00
Monroe	13,502	0	0	8	58.33	2	14.81	3	22.22	2	14.81
Morgan	17,541	0	0	0	0	0	0	0	0.00	0	0.00
Nicholas	26,233	1	3.76	1	3.81	0	0	0	0.00	1	3.81
Ohio	44,443	2	4.21	5	11.36	5	11.25	7	15.75	8	18.00
Pendleton	7,695	1	12.2	0	0	0	0	1	13.00	8	103.96
Pleasants	7,605	1	13.3	0	0	0	0	0	0.00	0	0.00
Pocahontas	8,719	1	10.95	1	11.88	0	0	0	0.00	0	0.00
Preston	33,520	0	0	0	0	0	0	0	0.00	0	0.00
Putnam	55,486	3	5.81	16	28.74	11	19.82	6	10.81	3	5.41
Raleigh	78,859	68	85.83	78	98.5	40	50.72	10	12.68	13	16.49
Randolph	29,405	1	3.53	5	17.61	4	13.6	5	17.00	0	0.00
Ritchie	10,449	0	0	0	0	0	0	0	0.00	0	0.00
Roane	14,926	0	0	0	0	0	0	0	0.00	1	6.70
Summers	13,927	0	0	1	7.64	2	14.36	2	14.36	0	0.00
Taylor	16,895	3	18.64	12	73.49	0	0	1	5.92	0	0.00
Tucker	7,141	0	0	1	14.68	3	42.01	0	0.00	0	0.00
Upshur	24,254	2	8.54	0	0	0	0	1	4.12	1	4.12
Wayne	42,481	1	2.33	6	14.59	1	2.35	0	0.00	1	2.35
Webster	7,154	0	0	0	0	0	0	0	0.00	0	0.00
Wetzel-Tyler	25,791	1	5.65	2	8.03	0	0	0	0.00	1	3.88
Wirt	5,717	0	0	0	0	0	0	0	0.00	0	0.00
Wood	86,956	3	3.4	2	2.3	6	6.9	1	1.15	2	2.30
Wyoming	23,796	0	0	0	0	1	4.2	0	0.00	0	0.00
TOTALS	1,852,994	357	19.74	388	21.32	288	15.54	249	13.44	182	9.82

Monthly Tuberculin Testing - 2013

Counties	LTBI's	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				Required by WV Law (Moderate 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 (+)	IGRA	TST Given	TST Read	Tests (+)
Barbour	0	0	1	1	0	0	2	2	0	0	3	3	0	0	0	0	0	20	20	0	0	2	2	0	0	75	71	0	
Berkeley	11	0	1	1	0	9	177	154	2	83	70	63	7	0	134	97	1	0	908	856	1	0	114	108	0	0	127	121	0
Boone	2	0	0	0	0	0	0	0	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	520	447	1	
Braxton	1	2	5	5	0	1	2	1	0	1	0	0	1	0	12	0	0	2	74	74	0	0	29	29	0	0	18	18	0
Brooke	0	0	0	0	0	1	9	9	0	1	1	1	0	0	0	0	0	0	126	124	0	0	106	105	0	0	0	0	0
Cabell	26	252	31	29	7	56	186	181	5	105	39	39	5	5	55	54	0	0	488	464	2	10	800	770	3	7	1026	957	4
Calhoun	0	0	1	1	0	0	4	4	0	0	0	0	0	0	0	0	0	0	11	7	0	0	0	0	0	4	4	0	
Clay	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20	0	0	51	51	0
Doddridge	2	0	17	17	2	0	0	0	0	0	1	1	0	0	0	0	0	0	43	43	0	0	0	0	0	0	16	16	0
Fayette	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	209	205	0	0	0	0	0	0	0	0	0
Gilmer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	33	0	0	82	77	0	0	0	0	0
Grant	0	0	65	65	0	0	3	3	0	0	0	0	0	0	0	0	0	0	36	34	0	0	0	0	0	0	4	0	0
Greenbrier	5	1	0	0	0	6	10	8	0	7	0	0	2	0	0	0	0	1	173	166	1	3	5	5	2	0	296	270	0
Hampshire	1	0	0	0	0	0	2	2	0	0	2	2	1	0	0	0	0	0	40	39	0	0	242	234	0	0	9	9	0
Hancock	1	0	0	0	0	1	15	15	1	0	0	0	0	0	2	2	0	0	198	191	0	0	0	0	0	0	49	49	0
Hardy	20	0	3	3	0	3	24	21	0	89	5	5	20	1	6	6	0	0	83	79	0	4	28	26	0	0	0	0	0
Harrison	6	0	5	5	0	0	37	37	1	0	16	16	5	0	2	2	0	0	325	321	0	0	400	387	0	0	71	71	0
Jackson	1	0	0	0	0	0	18	15	0	1	0	0	1	0	0	0	0	0	3	0	0	0	149	146	0	0	0	0	0
Jefferson	21	0	0	0	0	0	10	10	0	120	0	1	10	0	0	0	0	0	594	578	1	0	14	13	0	0	994	947	10
Kanawha	27	1	0	0	0	16	60	57	2	104	6	6	9	35	133	121	10	4	554	493	2	23	369	341	4	0	535	452	0
Lewis	1	0	0	0	0	1	6	6	0	4	0	0	1	0	0	0	0	0	124	123	0	0	0	0	0	0	91	89	0
Lincoln	2	9	1	1	0	0	5	5	0	0	0	0	0	0	0	0	0	0	17	16	0	0	52	52	1	0	92	92	1
Logan	2	2	20	16	0	14	75	69	0	4	1	1	1	0	0	0	0	4	165	148	0	0	29	24	0	1	140	114	1
McDowell	0	0	1	1	0	0	3	2	0	0	0	0	0	0	0	0	0	0	50	20	0	0	34	23	0	0	94	39	0
Marion	0	0	0	0	0	0	2	2	0	0	0	0	0	0	19	17	0	0	95	87	0	0	125	113	0	0	0	0	0
Marshall	1	0	0	0	0	2	479	182	0	9	4	4	0	0	0	0	0	2	238	233	1	0	90	88	0	0	1	1	0
Mason	2	0	2	2	0	0	28	28	0	1	2	1	1	0	24	22	0	0	186	176	0	0	19	19	0	0	123	113	1
Mercer	6	8	5	5	1	7	2	2	2	8	0	0	0	0	0	0	0	1	275	275	1	3	17	17	0	7	151	151	2

Counties	LTBI's	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				Required by WV Law (Moderate 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 (+)	IGRA	TST Given	TST Read	Tests (+)
Mineral	1	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	322	304	1	0	7	7	0	0	97	88	0	
Mingo	2	0	0	0	0	0	27	18	2	0	1	1	0	0	0	0	0	169	129	0	8	170	110	0	0	71	48	0	
Monongalia	0	35	2	1	0	0	4	4	0	108	2	2	0	0	6	5	0	1	269	261	0	37	154	151	0	0	38	38	0
Monroe	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	107	99	2	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	182	168	0	0	0	0	0	0	100	97	0	
Nicholas	1	0	3	3	0	0	9	9	0	0	1	1	0	0	0	0	0	98	93	1	0	9	3	0	0	11	10	0	
Ohio	8	0	3	3	1	0	0	0	0	2	1	1	1	0	15	13	0	1	150	122	3	0	10	8	1	0	60	55	2
Pendleton	8	0	298	296	7	0	2	2	0	0	0	0	0	0	0	0	1	21	21	0	0	44	44	1	0	0	0	0	
Pleasants	0	0	0	0	0	0	5	4	0	0	0	0	0	0	0	0	0	81	75	0	0	3	3	0	0	10	8	0	
Pocahontas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	45	43	0	
Preston	0	0	0	0	0	1	5	3	0	2	0	0	0	0	2	2	0	3	175	175	0	2	0	0	0	0	63	57	0
Putnam	3	0	0	0	0	1	9	9	0	6	3	3	2	0	0	0	0	17	78	72	0	1	4	4	1	0	229	220	0
Raleigh	13	0	4	4	0	1	10	9	1	50	1	1	6	0	0	0	0	83	411	410	1	5	0	0	1	6	879	877	4
Randolph	0	0	1	2	0	3	51	47	0	11	4	4	0	0	11	8	0	0	134	121	0	1	81	84	0	1	29	31	0
Ritchie	0	0	0	0	0	0	5	5	0	0	1	1	0	0	0	0	0	0	23	22	0	0	10	6	0	0	5	5	0
Roane	1	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	2	49	49	1	0	22	21	0	0	6	6	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	208	191	0	
Taylor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	122	120	0	0	0	0	0	0	0	0	0
Tucker	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	23	23	0	0	11	11	0	0	1	1	0
Upshur	1	0	0	0	0	0	11	10	0	0	3	3	0	0	0	0	0	0	139	137	1	0	3	3	0	0	50	49	0
Wayne	1	0	3	3	0	0	3	3	1	0	0	0	0	0	0	0	0	3	213	203	0	0	0	0	0	0	2	1	0
Webster	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	18	18	0	0	0	0	0	0	2	2	0
Wetzel/Tyler	1	0	0	0	0	0	10	8	1	1	0	1	0	0	0	0	0	0	176	174	0	0	106	103	0	0	15	12	0
Wirt	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	14	14	0	0	5	5	0	0	0	0	0
Wood	2	3	6	6	0	3	42	39	0	22	24	22	1	0	0	0	0	2	290	280	0	2	108	101	0	1	315	290	1
Wyoming	0	0	2	2	0	12	76	76	0	0	0	0	0	0	0	0	0	0	0	0	0	34	34	0	0	0	0	0	
TOTALS	182	313	480	472	18	138	1,445	1,077	18	741	192	184	75	41	421	349	11	127	8,332	7,895	19	99	3,508	3,298	14	23	6,723	6,211	27

LTBI's by Age:			
0-4:	1	35-99:	84
5-14:	16	Not Stated:	0
15-34:	81	Total LTBI's:	182

STATISTICAL INFORMATION
TUBERCULOSIS IN WEST VIRGINIA AND THE USA

<u>YEAR</u>	<u>#WV CASES</u>	<u>WV RATE</u>	<u># USA CASES</u>	<u>USA RATE</u>
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
1995	71	3.9	22,860	8.7
1994	80	4.4	24,361	9.4

STATISTICAL INFORMATION: TB IN WV AND THE USA
(Continued)

<u>YEAR</u>	<u>#WV CASES</u>	<u>WV RATE</u>	<u>#USA CASES</u>	<u>USA RATE</u>
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
1994 TO 2013**

<u>YEAR</u>	<u>MONO</u>	<u>MDR</u>	<u>2 OTHER</u>
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
1995	1	0	1
1994	5	0	0