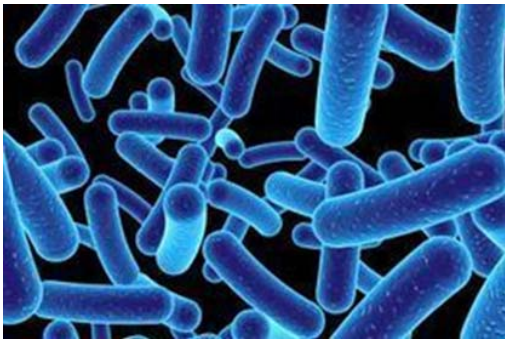


2012 West Virginia TB Profile



Office of Epidemiology & Prevention Services
Division of TB Elimination



*Bureau for Children and Families
350 Capitol Street, Room 206
Charleston, WV 25301*

*Earl Ray Tomblin, Governor
Rocco S. Fucillo, Cabinet Secretary*

WV DIVISION OF TUBERCULOSIS ELIMINATION CONTACT INFORMATION

Telephone

304-558-3669

Toll-free in West Virginia

1-800-330-8126

Fax

304-558-1825

Website

www.dhhr.wv.gov/oeps/tuberculosis

Staff

Dominic Gaziano, M.D. Medical Director	304-558-3669
Carmen Priddy, R.N., B.S.N. Program Director	304-558-3669
Libby Boggess, R.N. Surveillance Nurse	304-356-4003
Doug Fields HHR Specialist	304-356-4058
Linda Winkel Secretary	304-558-3669
Joyce Brown Radiological Technologist	304-356-4002

TB Advisory Committee

Dr. Dominic Gaziano	Medical Director, Division of TB Elimination
Dr. Loretta Haddy	State Epidemiologist
Carmen Priddy	Director, Division of TB Elimination
Libby Boggess	Surveillance Nurse, Division of TB Elimination
Tony Richards	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

2012 WV Active Tuberculosis Cases by County

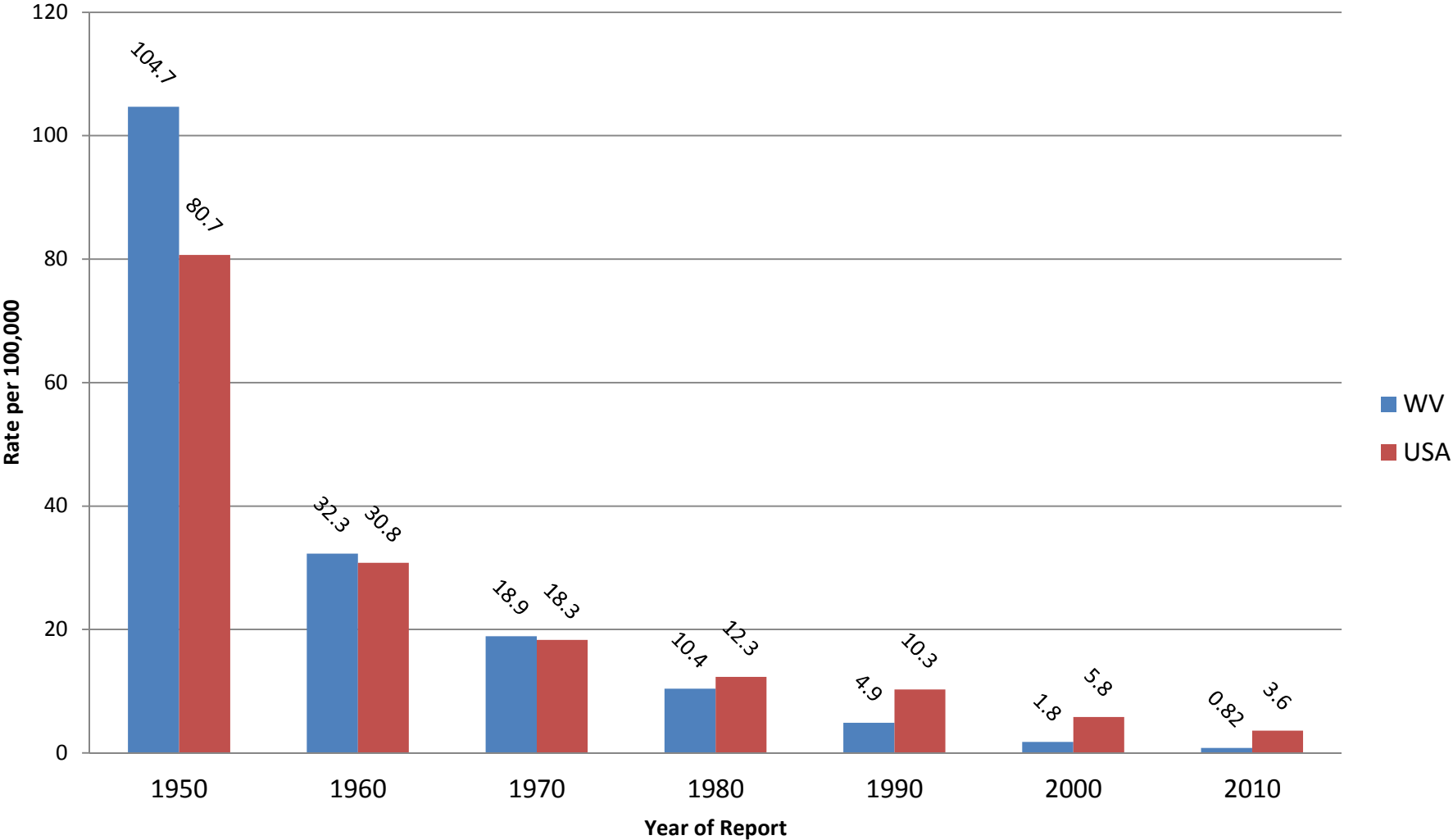


WV Tuberculosis Cases by County 2010-2012

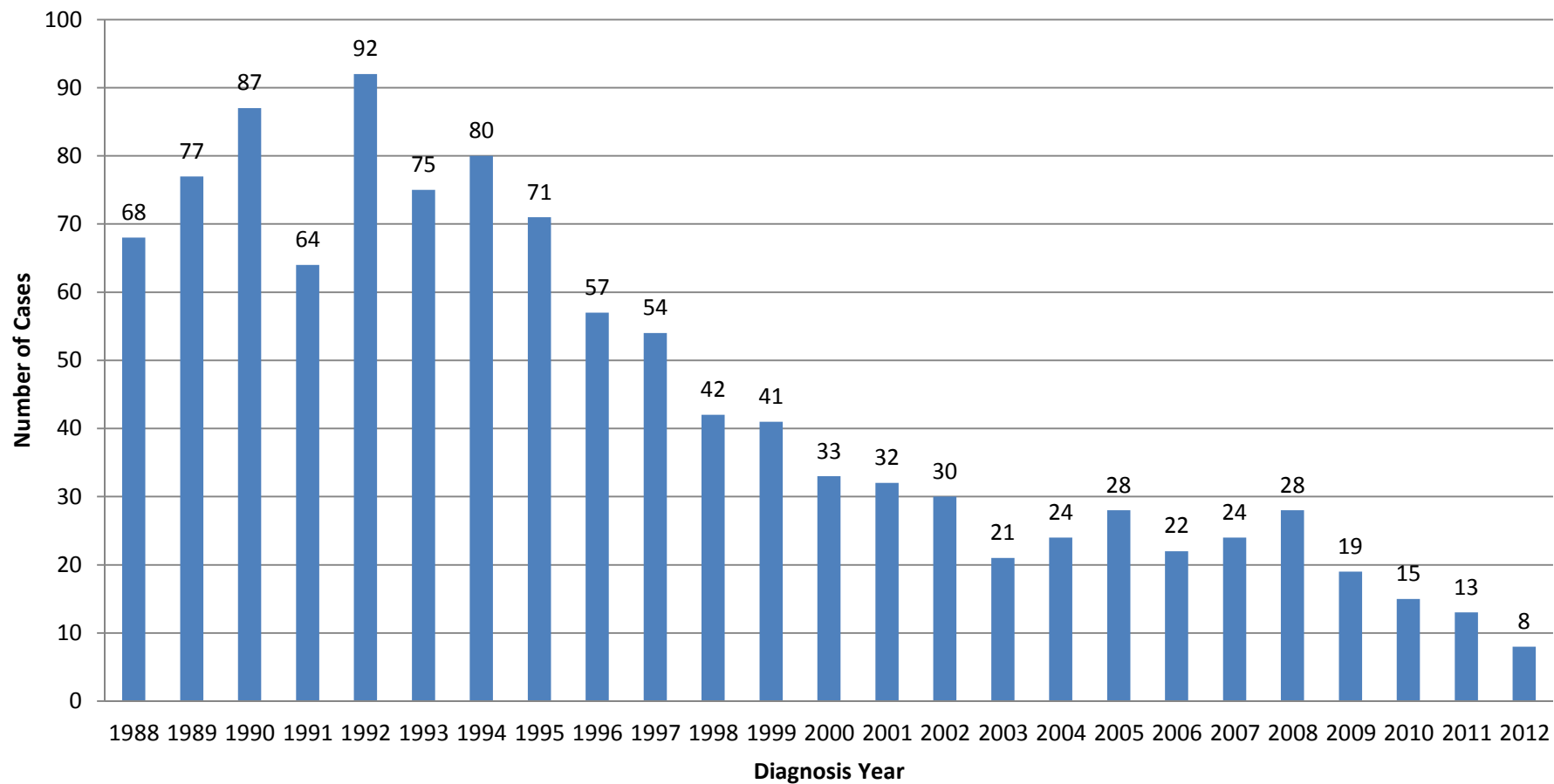


TB Incidence Rate by Year of Report

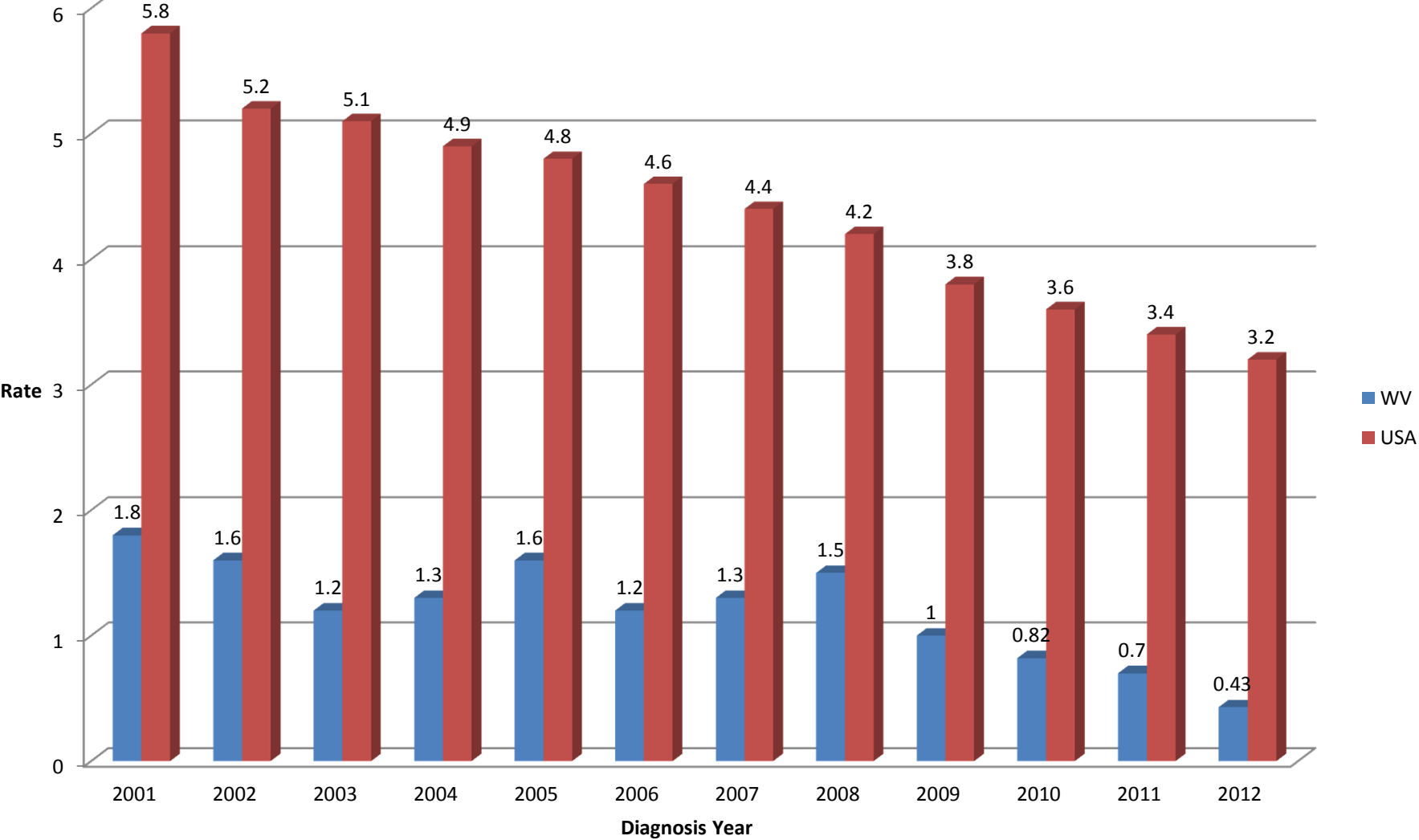
WV and USA Decennial Rates, 1950-2010



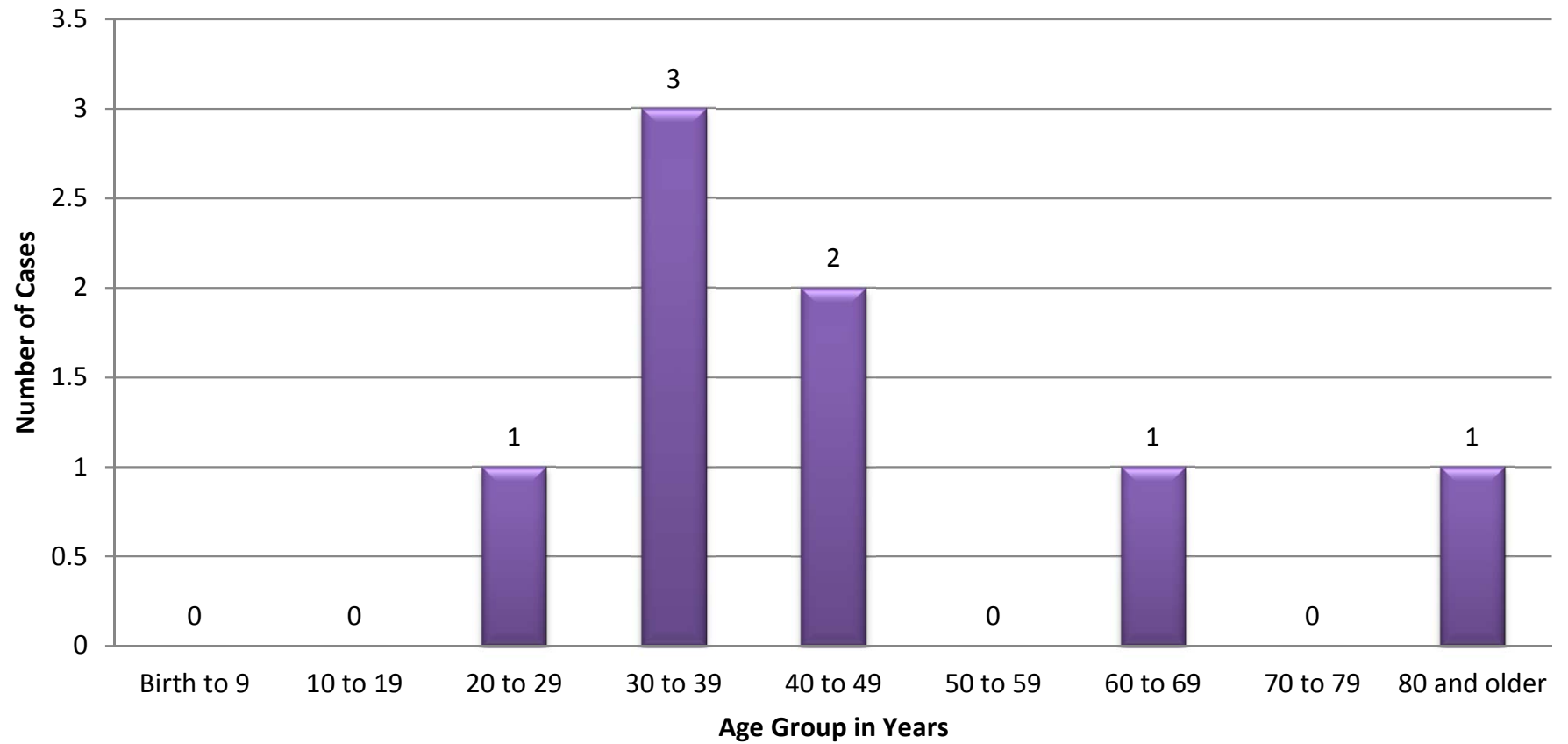
Number of Newly Diagnosed TB Cases in WV



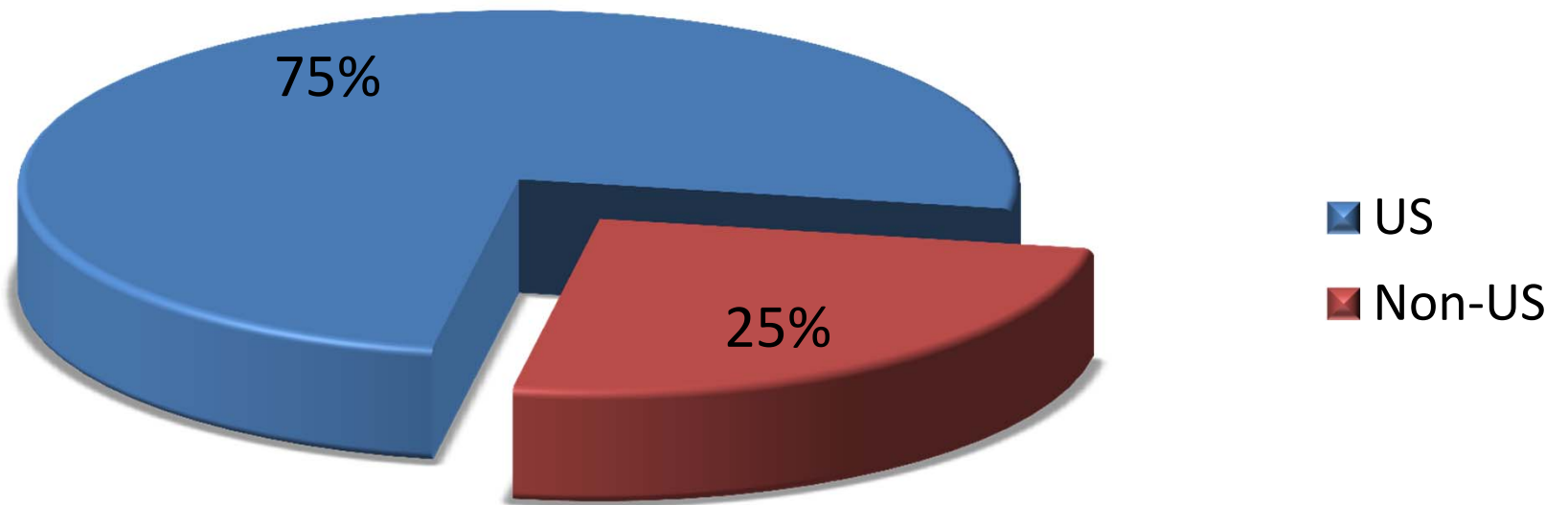
TB Incidence Rates per 100,000 by Diagnosis Year



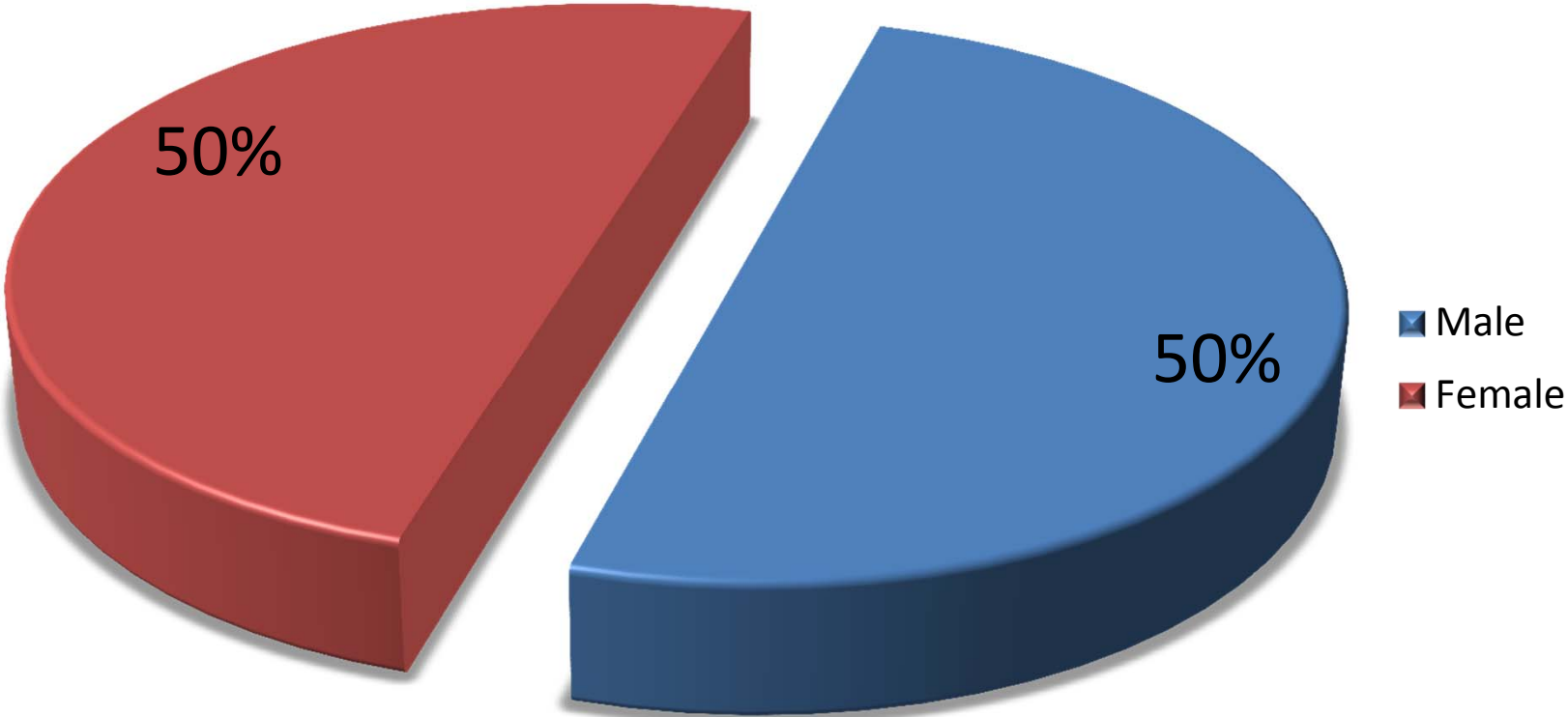
2012 Cases by Age Group



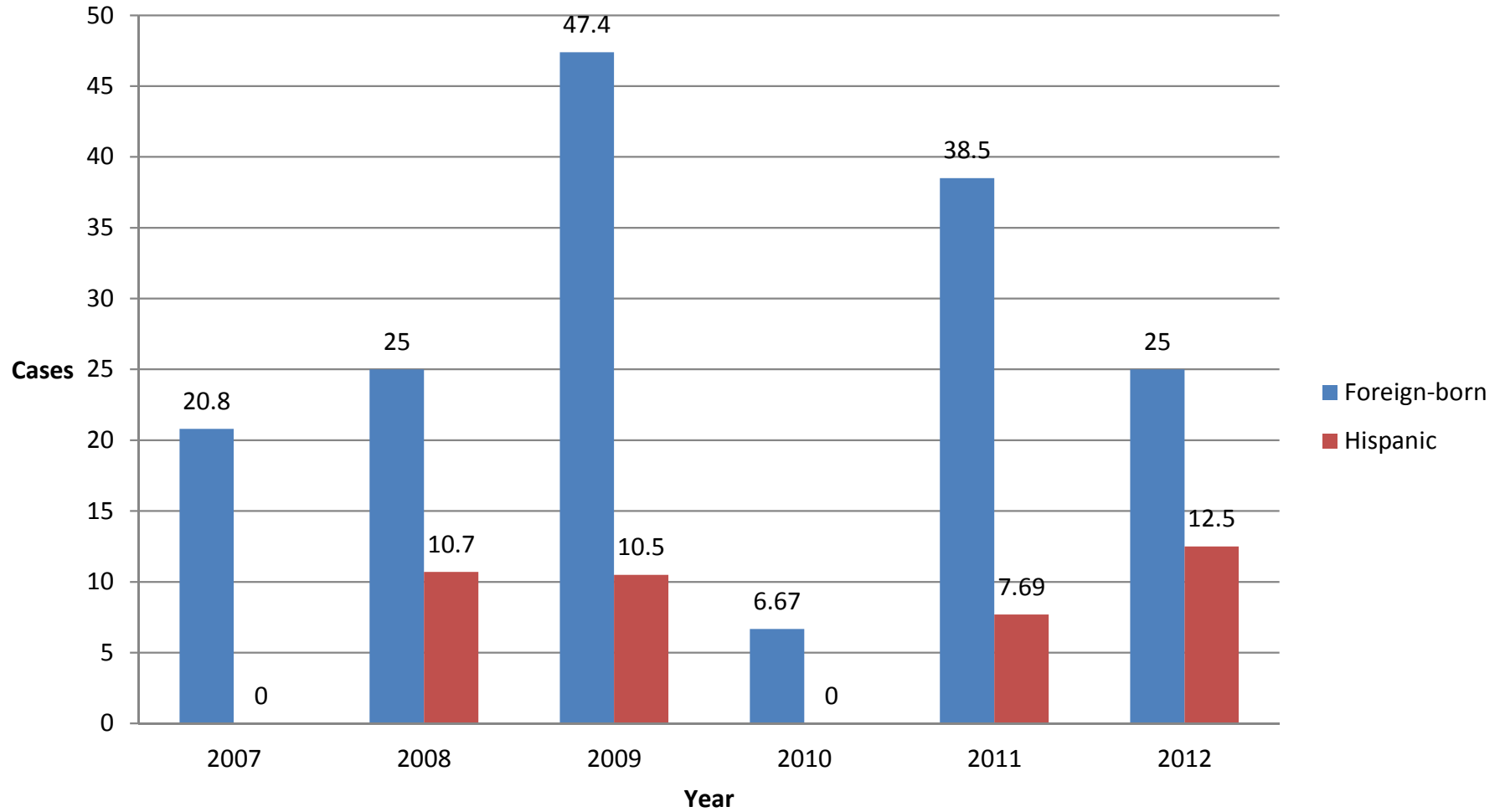
Country of Origin - 2012



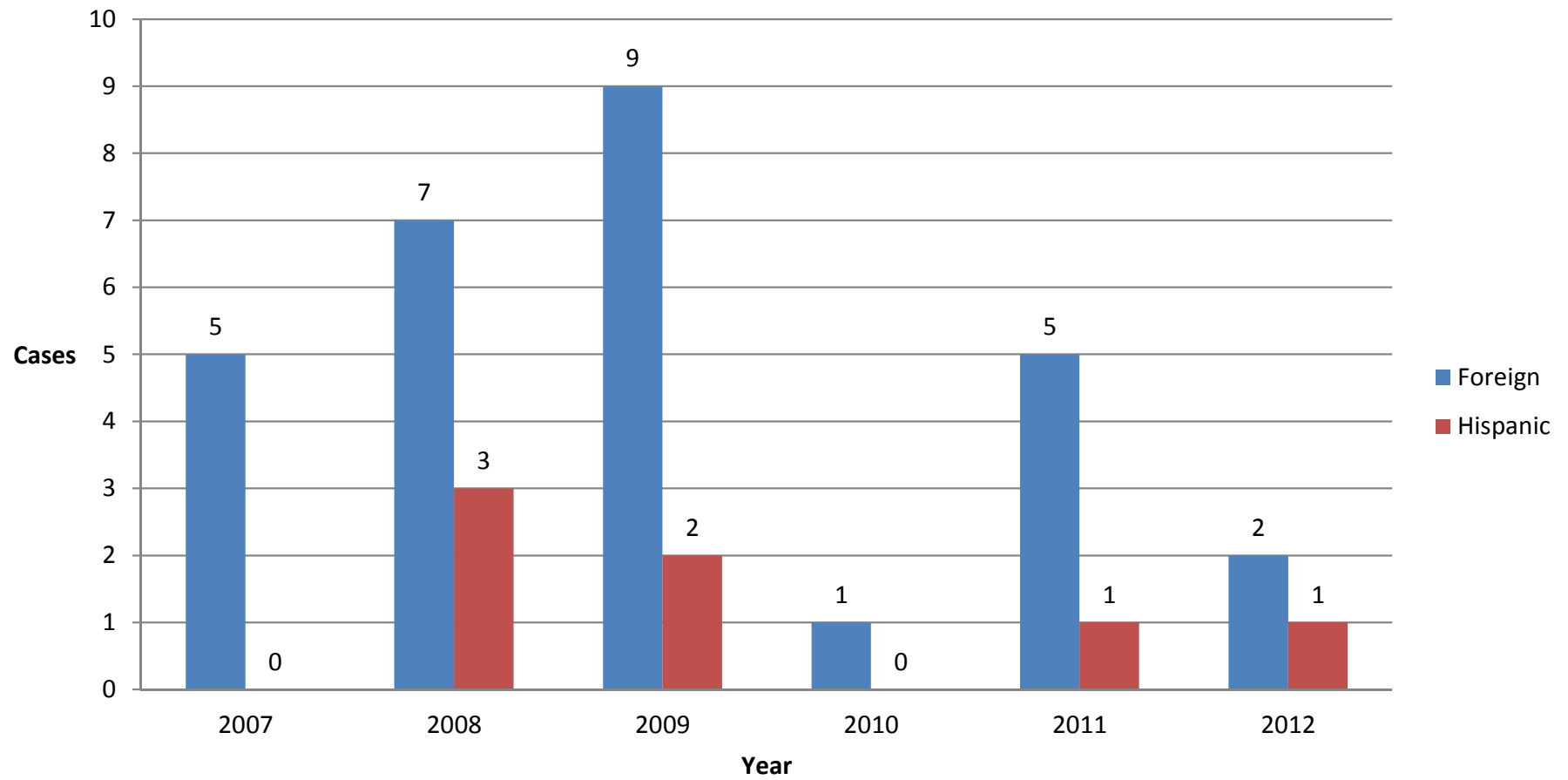
Gender of WV TB Cases - 2012



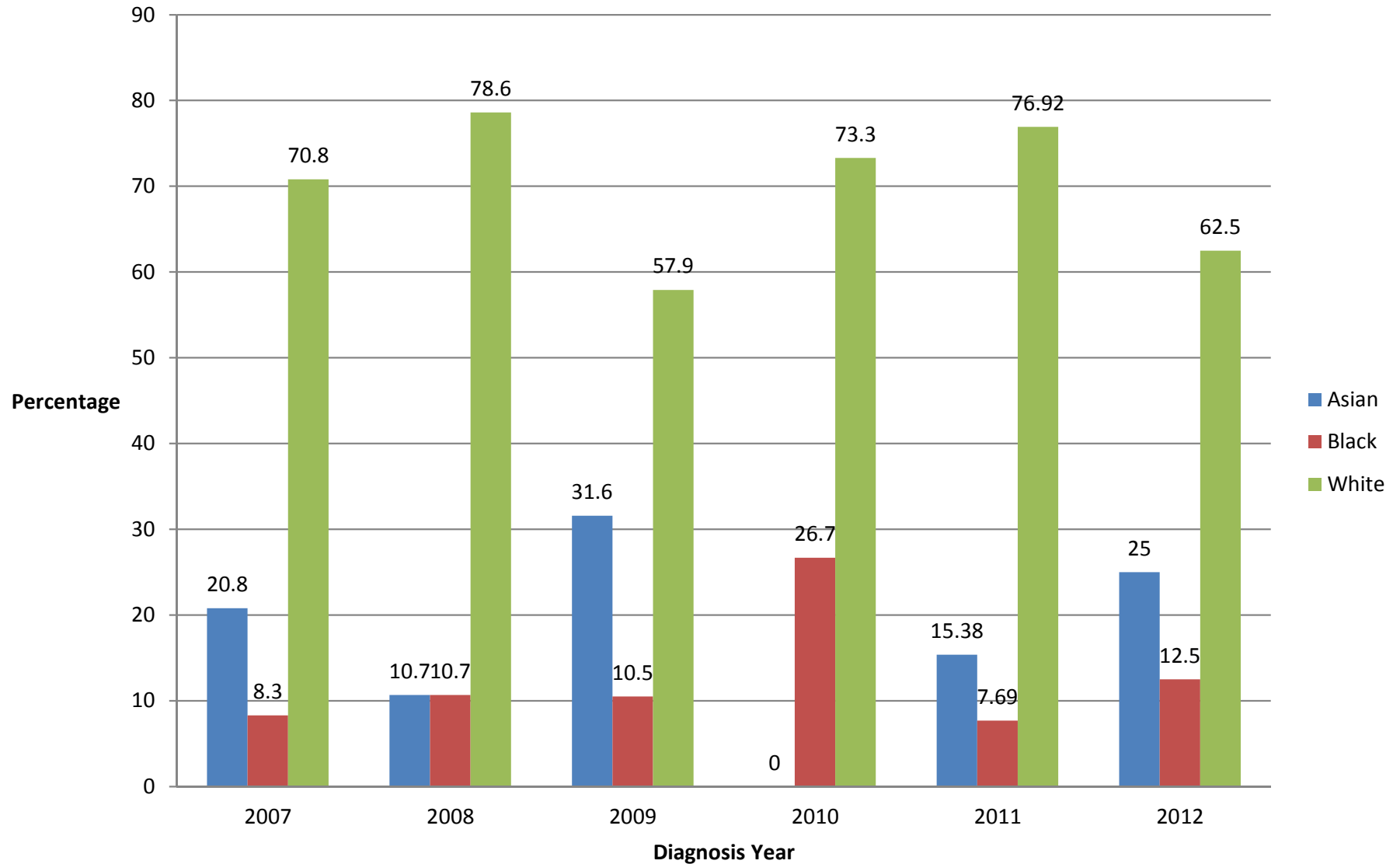
Percentage of Cases: Foreign-Born vs. Hispanic



Number of Cases: Foreign-Born vs. Hispanic



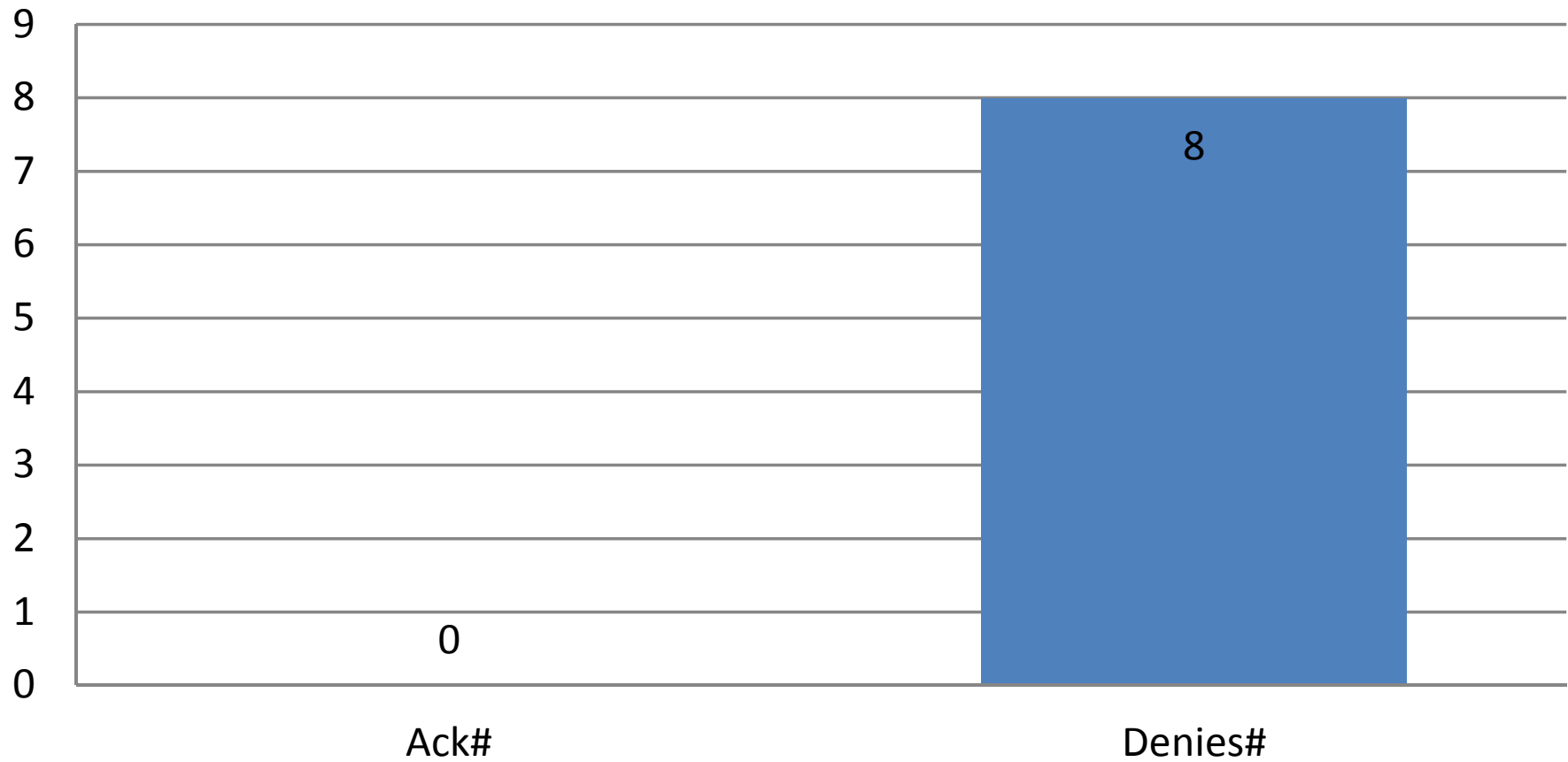
Race of WV TB Cases by Diagnosis Year



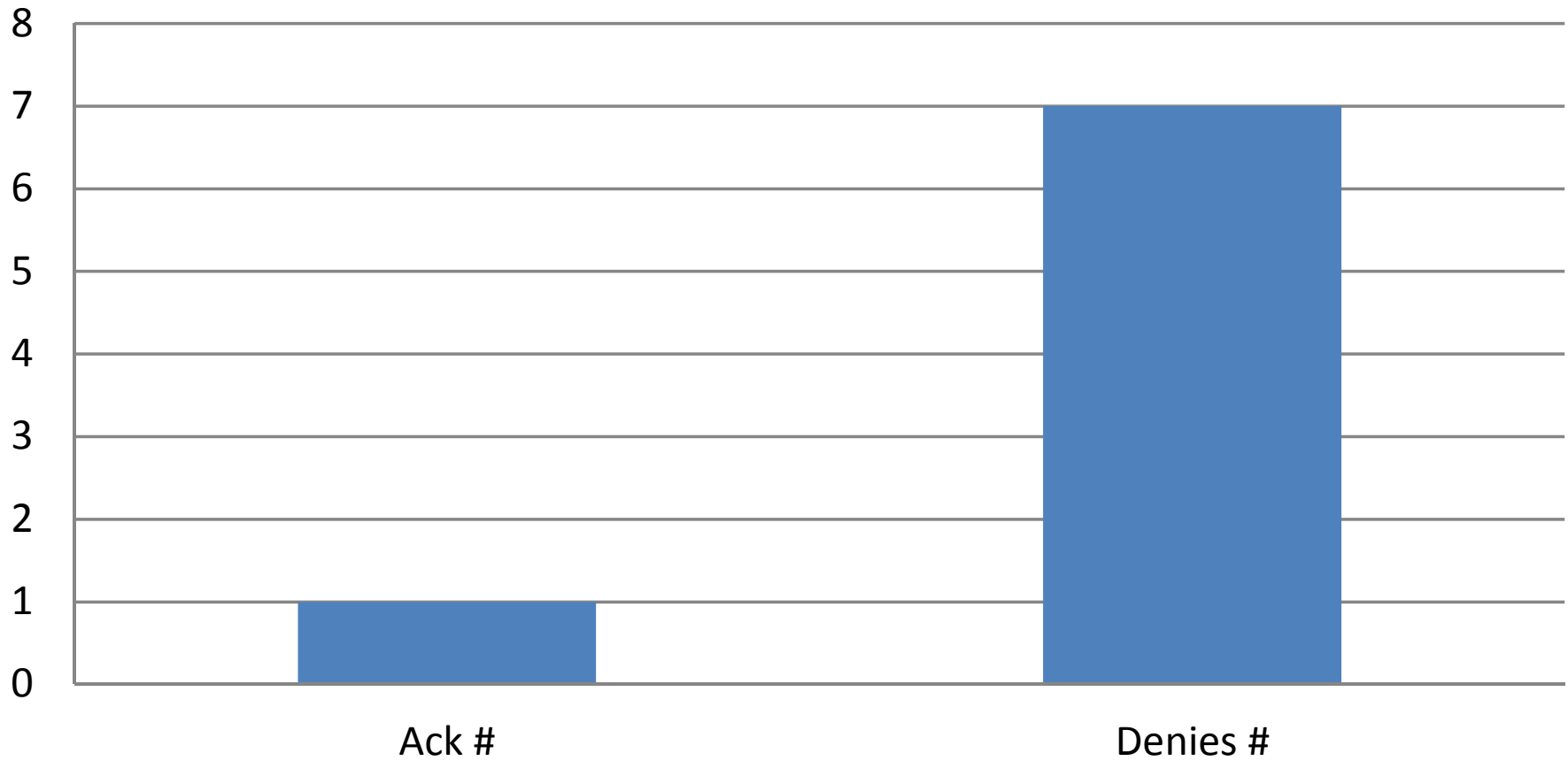
Employment at Diagnosis



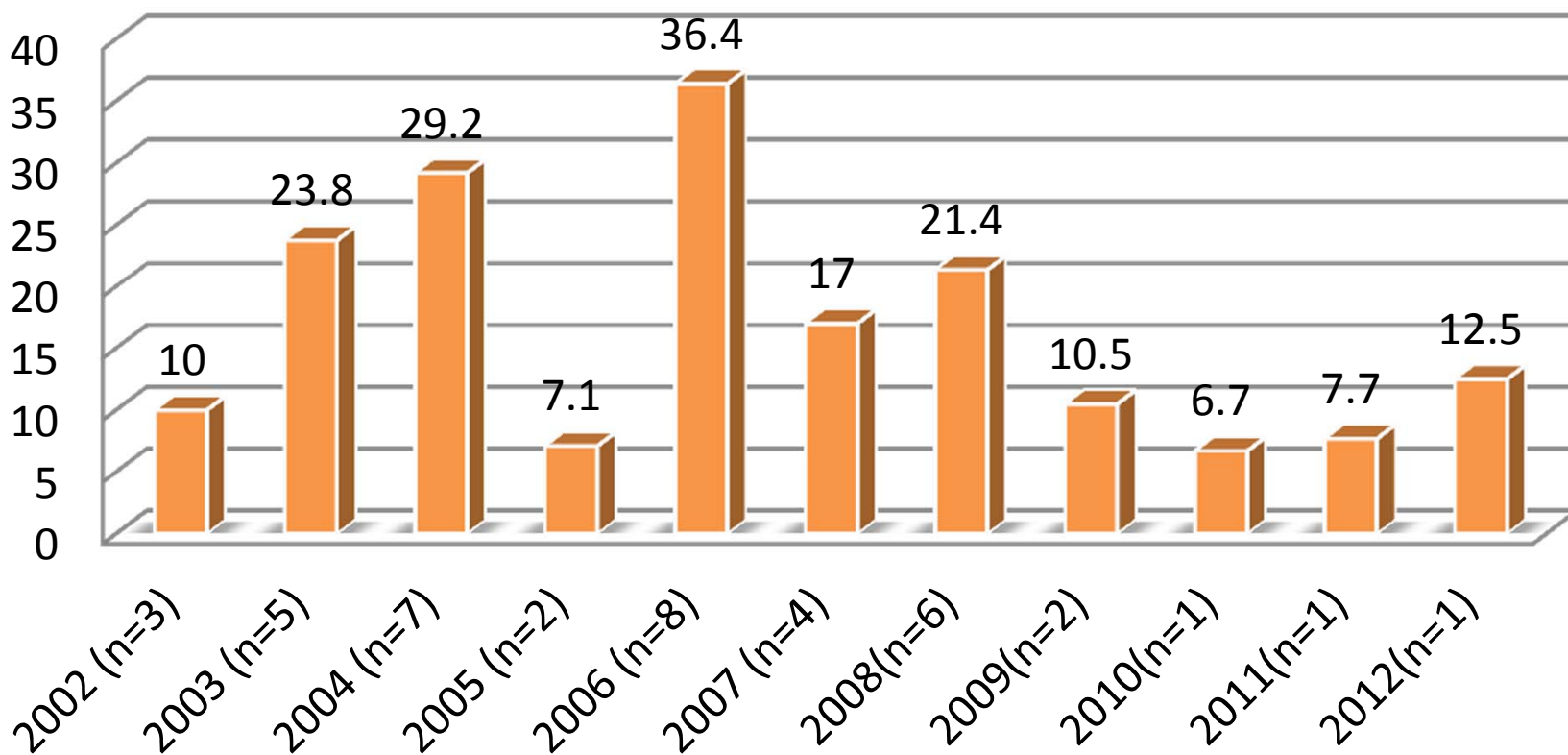
Injected Drug Use in the Last Year



Non-Injected Drug Use



Percentage of WV Cases with Reported History of Alcohol Abuse in the Past Year



SURVEILLANCE CLINICAL DATA
 For the Month-Year Counted
 Beginning 01/2012 and Ending 12/2012

Reporting Area: West Virginia 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%
TOTAL	8	100.00%

PREVIOUS DIAGNOSIS OF TB

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
No	8	100.00%
Yes	0	0.00%
Unknown/Missing	0	0.00%
TOTAL	8	100.00%

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%
TOTAL	8	100.00%

SPUTUM SMEAR

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Positive	3	37.50%
Negative	3	37.50%
Not Done	2	25.00%
Unknown/Missing	0	0.00%
	8	100.00%

SURVEILLANCE CLINICAL DATA
 For the Month-Year Counted
 Beginning 01/2012 and Ending 12/2012

SPUTUM CULTURE

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Positive	4	50.00%
Negative	2	25.00%
Not Done	2	25.00%
Unknown/Missing	0	0.00%
TOTAL	8	100.00%

MICROSCOPIC EXAM OF TISSUE AND OTHER BODY FLUIDS

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

CULTURE OF TISSUE AND OTHER BODY FLUIDS

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Positive	3	37.50%
Negative	0	0.00%
Not Done	5	62.50%
Unknown	0	0.00%
Missing	0	0.00%
TOTAL	8	100.00%

SURVEILLANCE CLINICAL DATA
 For the Month-Year Counted
 Beginning 01/2012 and Ending 12/2012

CHEST X-RAY

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Normal	1	12.50%
Abnormal	7	87.50%
Not Done/Unknown/Missing	0	0.00%
TOTAL	8	100.00%

TUBERCULIN (MANTOUX) SKIN TEST AT DIAGNOSIS

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Positive	3	37.50 %
Negative	0	0.00%
Not Done	4	50.00%
Unknown	1	12.50%
Missing	0	0.00%
TOTAL	8	100.00%

HIV STATUS

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
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%
TOTAL	8	100.00%

SURVEILLANCE CLINICAL DATA
For the Month-Year Counted
Beginning 01/2012 and Ending 12/2012

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	8	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	8	100.00%

SURVEILLANCE DEMOGRAPHICS REPORT
 For the Month-Year Counted
 Beginning 01/2012 and Ending 12/2012

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

ETHNICITY

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Hispanic or Latino	1	12.50%
Not Hispanic or Latino	7	87.50%
Unknown or Missing	0	0.00%
TOTAL	8	100.00%

RACE

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Single Race:		
American Indian or Alaska Native	0	0.00 %
Asian	2	25.00%
Black or African-American	1	12.50%
Native Hawaiian or Pacific Islander	0	0.00%
White	5	62.50%
Multiple Races	0	0.00%
Unknown/Missing	0	0.00%
TOTAL	8	100.00%

SEX

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Male	4	50.00%
Female	4	50.00%
Unknown/Missing	0	0.00%
TOTAL	8	100.00%

SURVEILLANCE DEMOGRAPHICS REPORT
 For the Month-Year Counted
 Beginning 01/2012 and Ending 12/2012

COUNTRY OF ORIGIN

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
U.S.A.	6	75.00%
Non-U.S.	2	25.00%
Unknown/Missing	0	0.00%
	8	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	12.50%
25 – 29	0	0.00%
30 – 34	1	12.50%
35 – 39	2	25.00%
40 – 44	2	25.00%
45 – 49	0	0.00%
50 – 54	0	0.00%
55 – 59	0	0.00%
60 – 64	1	12.50%
65 – 69	0	0.00%
70 – 74	0	0.00%
75 – 79	0	0.00%
80 – 84	0	0.00%
85 and Older	1	12.50%
Unknown	0	0.00%
TOTAL	8	100.00%

SURVEILLANCE DEMOGRAPHICS REPORT
 For the Month-Year Counted
 Beginning 01/2012 and Ending 12/2012

10 YEAR AGE GROUP

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
0 – 9	0	0.00%
10 – 19	0	0.00%
20 – 29	1	12.50%
30 – 39	3	37.50%
40 – 49	2	25.00%
50 – 59	0	0.00%
60 – 69	1	12.50%
70 – 79	0	0.00%
80 and Older	1	12.50%
Unknown	0	0.00%
TOTAL	8	100.00%

HOMELESS WITHIN PAST YEAR

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
No	8	100.00%
Yes	0	0.00%
Unknown/Missing	0	0.00%
TOTAL	8	100.00%

RESIDENT OF A CORRECTIONAL FACILITY AT TIME OF DIAGNOSIS

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
No	6	75.00%
Yes	2	25.00%
Unknown/Missing	0	0.00%
TOTAL	8	100.00%

SURVEILLANCE DEMOGRAPHICS REPORT
 For the Month-Year Counted
 Beginning 01/2012 and Ending 12/2012

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

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
No	8	100.00%
Yes	0	0.00%
Unknown/Missing	0	0.00%
TOTAL	8	100.00%

INJECTED DRUG USE WITHIIN PAST YEAR

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
No	8	100.00%
Yes	0	0.00%
Unknown/Missing	0	0.00%
TOTAL	8	100.00%

NON-INJECTED DRUG USE WITHIN PAST YEAR

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
No	7	87.50%
Yes	1	12.50%
Unknown/Missing	0	0.00 %
TOTAL	8	100.00%

EXCESS ALCOHOL USE WITHIN PAST YEAR

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
No	7	87.50%
Yes	1	12.50%
Unknown/Missing	0	0.00%
TOTAL	8	100.00%

SURVEILLANCE DEMOGRAPHICS REPORT
For the Month-Year Counted
Beginning 01/2012 and Ending 12/2012

OCCUPATION

CLASSIFICATION	NUMBER OF RECORDS	PERCENT
Health Care Worker	0	0.00%
Correctional Employee	0	0.00%
Migratory Agricultural Worker	0	0.00%
Other Occupation	2	25.00%
Retired	2	25.00%
Not Seeking Employment (e.g. student, etc.)	3	37.50%
Not Employed Within Past 24 Months	1	12.50%
Unknown/Missing	0	0.00%
TOTAL	8	100.00%

NEWLY REPORTED VERIFIED CASES OF TUBERCULOSIS IN WEST VIRGINIA

COUNTY	CENSUS 2010	2006	2007	2008	2009	2010	2011	2012	2012 I-RATE
Barbour	16,589	2	0	1	0	0	0	0	0.00
Berkeley	104,169	0	3	5	0	1	1	0	0.00
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	1	0	1	0	0	0	0	0.00
Cabell	96,319	1	0	4	3	0	2	2	2.08
Calhoun	7,627	0	0	0	0	0	0	0	0.00
Clay	9,386	1	0	0	0	0	0	0	0.00
Doddridge	8,202	0	0	0	0	0	0	0	0.00
Fayette	46,039	0	2	1	0	0	0	0	0.00
Gilmer	8,693	0	0	0	2	3	0	1	11.50
Grant	11,937	0	0	0	0	0	0	0	0.00
Greenbrier	35,480	1	1	0	0	0	0	0	0.00
Hampshire	23,964	0	0	0	0	0	0	0	0.00
Hancock	30,676	1	0	0	0	0	0	0	0.00
Hardy	14,025	0	0	0	0	0	1	0	0.00
Harrison	69,099	0	1	0	0	0	1	0	0.00
Jackson	29,211	0	0	0	0	0	0	0	0.00
Jefferson	53,498	2	0	1	0	0	1	0	0.00
Kanawha	193,063	0	2	2	2	1	0	1	0.52
Lewis	16,372	0	1	0	0	0	0	0	0.00
Lincoln	21,270	0	0	0	0	0	0	0	0.00
Logan	36,743	1	0	0	0	2	0	1	2.72
Marion	56,418	1	0	0	0	0	0	0	0.00
Marshall	33,107	0	0	0	0	1	0	0	0.00
Mason	27,324	0	0	0	1	0	0	0	0.00
McDowell	22,113	0	2	1	2	0	1	1	4.52
Mercer	62,264	0	0	0	2	0	1	0	0.00
Mineral	28,212	0	0	0	1	0	0	0	0.00
Mingo	26,839	0	2	0	0	1	0	0	0.00
Monongalia	96,189	3	2	1	2	2	1	0	0.00
Monroe	13,502	1	0	0	0	0	0	0	0.00
Morgan	17,541	0	1	1	0	0	0	0	0.00
Nicholas	26,233	0	0	0	0	1	0	0	0.00
Ohio	44,443	1	0	1	1	0	0	0	0.00
Pendleton	7,695	1	0	0	0	0	0	0	0.00
Pleasants	7,605	0	1	0	0	0	0	0	0.00
Pocahontas	8,719	0	0	1	0	0	0	0	0.00
Preston	33,520	0	0	0	0	1	0	0	0.00

COUNTY	CENSUS 2010	2006	2007	2008	2009	2010	2011	2012	2012 I-RATE
Putnam	55,486	1	1	1	1	0	2	0	0.00
Raleigh	78,859	1	1	4	1	0	1	1	1.27
Randolph	29,405	0	0	0	0	1	0	0	0.00
Ritchie	10,449	1	0	0	0	0	0	0	0.00
Roane	14,926	1	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	0	1	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	0	1	0	0	1	1	1	2.35
Webster	7,154	0	0	0	0	0	0	0	0.00
Wetzel	16,583	0	0	0	1	0	0	0	0.00
Wirt	5,717	0	0	0	0	0	0	0	0.00
Wood	86,956	0	2	2	0	0	0	0	0.00
Wyoming	23,796	1	0	1	0	0	0	0	0.00
TOTAL	1,852,994	22	24	28	19	15	13	8	
I-Rate for WV		1.2	1.3	1.5	1	0.82	0.7	0.43	
# Counties with TB Cases		18	16	15	12	11	11	7	

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

County	Population 2010 Census	2008 LTBI	2008 Rate	2009 LTBI	2009 Rate	2010 LTBI	2010 Rate	2011 LTBI	2011 Rate	2012 LTBI	2012 Rate
Barbour	16,589	3	19.3	2	12.85	5	31.73	4	24.11	1	6.03
Berkeley	104,169	29	38.2	30	39.52	19	18.29	15	14.4	13	12.48
Boone	24,629	0	0	3	11.74	0	0	6	24.36	12	48.72
Braxton	14,523	0	0	0	0	0	0	0	0	0	0.00
Brooke	24,069	1	3.9	0	0	0	0	1	4.15	0	0.00
Cabell	96,319	48	49.6	53	54.76	41	43.06	75	77.87	36	37.38
Calhoun	7,627	1	13.2	0	0	0	0	0	0	0	0.00
Clay	9,386	1	9.7	2	19.36	0	0	0	0	0	0.00
Doddridge	8,202	5	67.54	1	13.5	3	41.66	0	0	0	0.00
Fayette	46,039	1	2.1	1	2.1	1	2.17	0	0	0	0.00
Gilmer	8,693	0	0	0	0	0	0	0	0	0	0.00
Grant	11,937	13	115.1	10	88.5	1	8.45	0	0	1	8.38
Greenbrier	35,480	24	69.7	5	14.51	8	23.17	0	0	2	5.64
Hampshire	23,964	4	19.8	3	14.84	0	0	1	4.17	1	4.17
Hancock	30,676	0	0	0	0	0	0	1	3.26	0	0.00
Hardy	14,025	6	47.4	6	47.35	7	51.43	9	64.17	21	149.73
Harrison	69,099	16	23.3	16	23.3	4	5.8	11	15.92	5	7.24
Jackson	29,211	3	10.7	6	21.42	2	7.13	0	0	3	10.27
Jefferson	53,498	37	87.7	58	137.47	56	106.16	32	59.82	58	108.42
Kanawha	193,063	31	15.5	22	10.99	39	20.35	6	3.11	35	18.13
Lewis	16,372			0	0	4	23	0	0	0	0.00
Lincoln	21,720	0	0	1	4.52	0	0	0	0	0	0.00
Logan	36,743	9	23.9	13	34.47	13	36.62	7	19.05	9	24.49
Marion	56,418	1	1.8	6	10.6	11	19.4	2	3.54	0	0.00
Marshall	33,107	0	0	1	2.81	5	15.36	2	6.04	1	3.02
Mason	27,324	0	0	0	0	0	0	4	14.64	0	0.00
McDowell	22,113	1	3.7	1	3.65	1	4.46	0	0	0	0.00
Mercer	62,264	13	20.6	16	25.4	18	29.07	22	35.33	13	20.88
Mineral	28,212	1	3.7	5	18.46	0	0	0	0	0	0.00
Mingo	26,839	1	3.5	3	10.61	2	7.58	3	11.18	1	3.73
Monongalia	96,189	7	8.6	5	6.1	10	11.1	12	12.48	0	0.00
Monroe	13,502	5	34.3	0	0	8	58.33	2	14.81	3	22.22
Morgan	17,541	1	6.7	0	0	0	0	0	0	0	0.00
Nicholas	26,233	1	3.8	1	3.76	1	3.81	0	0	0	0.00
Ohio	44,443		6.3	2	4.21	5	11.36	5	11.25	7	15.75
Pendleton	7,695	2	24.4	1	12.2	0	0	0	0	1	13.00
Pleasants	7,605	1	13.3	1	13.3	0	0	0	0	0	0.00
Pocahontas	8,719	6	65.7	1	10.95	1	11.88	0	0	0	0.00
Preston	33,520	1	3.4	0	0	0	0	0	0	0	0.00
Putnam	55,486	10	19.4	3	5.81	16	28.74	11	19.82	6	10.81
Raleigh	78,859	15	18.9	68	85.83	78	98.5	40	50.72	10	12.68
Randolph	29,405	2	7.1	1	3.53	5	17.61	4	13.6	5	17.00
Rtichie	10,449	0	0	0	0	0	0	0	0	0	0.00
Roane	14,926	1	6.5	0	0	0	0	0	0	0	0.00
Summers	13,927	0	0	0	0	1	7.64	2	14.36	2	14.36
Taylor	16,895	4	24.9	3	18.64	12	73.49	0	0	1	5.92
Tucker	7,141	0	0	0	0	1	14.68	3	42.01	0	0.00
Upshur	24,254			2	8.54	0	0	0	0	1	4.12
Wayne	42,481	0	0	1	2.33	6	14.59	1	2.35	0	0.00
Webster	7,154	1	10.3	0	0	0	0	0	0	0	0.00
Wetzel-Tyler	25,791	0	0	1	5.65	2	8.03	0	0	0	0.00
Wirt	5,717	0	0	0	0	0	0	0	0	0	0.00
Wood	86,956	3	3.4	3	3.4	2	2.3	6	6.9	1	1.15
Wyoming	23,796	0	0	0	0	0	0	1	4.2	0	0.00
TOTALS	1,852,994	312	17.3	357	19.74	388	21.32	288	15.54	249	13.44

Monthly Tuberculin Testing - 2012

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	1	0	0	0	0	0	1	1	0	1	4	2	1	0	2	1	0	0	7	7	0	0	0	0	0	0	168	164	0
Berkeley	13	2	6	6	1	21	191	172	3	78	77	68	2	0	198	150	4	0	759	721	3	0	151	141	0	0	25	23	0
Boone	12	0	0	0	0	0	0	0	0	5	13	13	7	0	0	0	0	0	20	13	0	0	0	0	0	0	1072	884	5
Braxton	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	61	61	0	0	80	80	0	0	42	42	0
Brooke	0	0	0	0	0	0	11	11	0	1	0	0	0	0	0	0	0	0	285	283	0	0	114	114	0	0	38	37	0
Cabell	36	28	171	167	9	5	256	233	3	161	67	57	0	2	237	207	2	2	367	338	2	13	1298	1231	6	9	1629	1507	14
Calhoun	0	0	0	0	0	0	0	0	0	0	2	1	0	0	2	2	0	0	1	0	0	0	13	5	0	0	1	0	0
Clay	0	0	0	0	0	0	14	14	0	0	2	2	0	0	0	0	0	0	9	9	0	0	8	8	0	0	78	74	0
Doddridge	0	0	0	0	0	0	13	11	0	0	0	0	0	0	0	0	0	0	15	12	0	0	36	19	0	0	181	170	0
Fayette	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	167	160	0	0	0	0	0	0	0	0	0
Gilmer	0	0	2	2	0	0	11	11	0	0	4	4	0	0	0	0	0	0	5	5	0	0	23	21	0	0	43	43	0
Grant	1	0	0	0	0	0	1	1	0	1	3	3	1	0	1	1	0	0	63	60	0	0	0	0	0	0	16	12	0
Greenbrier	2	1	2	2	0	2	7	7	1	12	0	0	0	0	0	0	0	0	123	121	0	0	221	199	0	0	135	122	1
Hampshire	1	0	0	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	247	241	1	0	73	73	0	0	0	0	0
Hancock	0	0	0	0	0	0	15	15	0	0	0	0	0	0	0	0	0	0	170	168	0	0	0	0	0	0	28	27	0
Hardy	21	16	17	17	0	0	95	59	0	50	94	93	20	0	4	4	0	0	25	25	0	0	39	35	1	0	72	64	0
Harrison	5	0	0	0	0	0	4	3	0	0	3	3	1	0	0	0	0	0	329	325	2	0	639	613	1	0	43	43	1
Jackson	3	0	0	0	0	0	9	7	2	1	1	1	0	0	1	1	0	0	143	137	1	0	59	59	0	0	1	1	0
Jefferson	58	0	5	5	0	1	35	34	8	216	66	22	19	0	0	0	0	0	576	568	7	0	159	150	3	0	1687	1603	21
Kanawha	35	18	0	0	3	5	89	74	0	122	2	2	24	3	106	82	3	0	1355	951	0	30	610	513	5	1	801	579	0
Lewis	0	0	0	0	0	0	12	12	0	0	0	0	0	0	0	0	0	0	115	114	0	0	0	0	0	0	112	108	0
Lincoln	0	1	0	0	0	1	17	17	0	0	2	1	0	0	4	4	0	0	84	82	0	0	53	52	0	0	124	120	0
Logan	9	0	48	48	4	0	107	93	3	0	13	12	1	0	0	0	0	0	201	168	0	0	104	82	1	0	307	254	0
McDowell	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	123	59	0	0	19	15	0	0	97	32	0
Marion	0	0	0	0	0	0	8	7	0	1	3	3	0	0	1	1	0	0	45	44	0	0	356	319	0	0	0	0	0
Marshall	1	0	6	6	0	2	723	227	1	0	0	0	0	0	0	0	0	0	272	260	0	0	1678	619	0	0	30	29	0
Mason	0	0	0	0	0	1	46	45	0	1	4	3	0	0	22	18	0	0	275	263	0	0	4	4	0	0	223	197	0
Mercer	13	7	9	5	0	3	1	2	1	9	0	0	2	0	0	0	0	16	371	371	6	5	2	2	0	3	230	210	4

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	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	341	330	0	0	29	26	0	0	113	103	0
Mingo	1	0	10	10	0	0	22	20	0	1	1	0	0	0	0	0	0	0	244	175	1	0	146	98	0	0	117	93	0
Monongalia	0	1	1	1	0	0	11	9	0	94	10	10	0	0	6	6	0	0	511	503	0	36	122	120	0	0	200	167	0
Monroe	3	2	0	0	0	0	4	2	1	0	0	0	0	0	0	0	0	2	131	124	2	0	0	0	0	0	0	0	0
Morgan	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	87	87	0	0	8	8	0	20	313	294	0
Nicholas	0	0	3	3	0	0	12	12	0	0	1	1	0	0	1	1	0	0	208	197	0	0	63	40	0	0	55	40	0
Ohio	7	0	0	0	0	0	2	2	0	0	0	0	0	0	31	22	1	1	164	128	1	0	24	16	0	1	85	69	5
Pendleton	1	0	0	0	0	0	1	1	0	3	2	2	1	0	0	0	0	0	47	45	0	0	11	7	0	0	0	0	0
Pleasants	0	0	0	0	0	0	10	9	0	0	0	0	0	0	4	4	0	0	36	34	0	0	7	7	0	0	66	65	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	0	105	101	0
Preston	0	0	0	0	0	0	10	10	0	6	0	0	0	0	0	0	0	0	145	133	0	1	13	13	0	1	91	87	0
Putnam	6	0	6	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	666	642	1
Raleigh	10	1	0	0	0	2	15	15	2	50	6	6	6	1	1	1	1	1	506	500	0	6	4	4	0	3	849	836	1
Randolph	5	0	0	0	0	0	91	82	0	14	5	5	1	0	9	8	1	0	224	204	0	0	229	220	1	0	55	51	2
Ritchie	0	0	3	3	0	0	0	0	0	1	2	2	0	0	0	0	0	0	20	19	0	0	5	5	0	0	19	18	0
Roane	0	0	0	0	0	0	2	2	0	0	9	9	0	0	6	6	0	0	14	13	0	0	14	12	0	0	2	2	0
Summers	2	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	214	203	2
Taylor	1	0	0	0	0	0	4	4	0	0	2	2	0	0	0	0	0	0	75	72	0	0	21	21	1	0	0	0	0
Tucker	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	15	15	0	0	19	19	0	0	9	9	0
Upshur	1	0	0	0	0	0	13	12	0	1	1	0	0	0	0	0	0	0	90	88	0	0	2	2	1	0	125	123	0
Wayne	0	0	10	10	0	0	0	0	0	0	0	0	0	0	11	11	0	0	160	151	0	0	1	1	0	0	32	26	0
Webster	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	29	29	0	0	0	0	0	0	0	0	0
Wetzel/Tyler	0	0	0	0	0	0	2	2	0	4	0	4	0	0	0	0	0	0	199	194	0	4	46	44	0	0	64	62	0
Wirt	0	0	2	2	0	0	0	0	0	0	2	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood	1	1	2	2	0	0	29	28	0	13	5	5	0	1	0	0	0	0	121	119	0	0	303	295	0	0	297	270	1
Wyoming	0	0	0	0	0	0	150	150	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	0	18	18	0
TOTALS	249	78	307	299	22	44	2,058	1,428	25	847	406	338	86	7	648	531	12	22	9,580	8,726	26	95	6,809	5,315	20	38	10,678	9,624	58

LTBI's by Age:			
0-4:	3	35-99:	116
5-14:	29	Not Stated:	0
15-34:	102	Total LTBI's:	249

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>
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
1993	75	4.1	25,287	9.8

STATISTICAL INFORMATION: TB IN WV AND THE USA
PAGE 2

<u>YEAR</u>	<u>#WV CASES</u>	<u>WV RATE</u>	<u>#USA CASES</u>	<u>USA RATE</u>
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 2012**

<u>YEAR</u>	<u>MONO</u>	<u>MDR</u>	<u>2 OTHER</u>
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