

West Virginia Vital Statistics 2011



WEST VIRGINIA
Department of

**Health &
Human
Resources**



BUREAU FOR PUBLIC HEALTH

*Health Statistics Center
350 Capitol Street, Room 165
Charleston, WV 25301*

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

SIXTY-FIFTH ANNUAL REPORT

WEST VIRGINIA
VITAL STATISTICS
2011



Earl Ray Tomblin
Governor

Karen L. Bowling
Cabinet Secretary, Department of Health and Human Resources

Letitia Tierney, M.D., JD
Commissioner, Bureau for Public Health

Anne Williams, RN, BSN, MS-HCA
Deputy Commissioner, Bureau for Public Health

Daniel M. Christy, M.P.A., Director
Health Statistics Center

Gary L. Thompson, B.A., Assistant Director
State Registrar

Birgit A. Shanholtzer, M.A., Associate Director
Senior Epidemiologist

Statistical Staff

Thomas N. Leonard, M.S., Programmer/Analyst

Philip A. Simmons, M.S., Programmer/Analyst

Ray T. Light, Programmer

Tonya Yablonsky, M.A., Epidemiologist

Kathi Elkins, M.B.A., Epidemiologist

For more information about Health Statistics Center statistics and publications (hard copy and WEB versions),
please visit our website:

<http://www.wvdhhr.org/bph/hsc/>

or call (304) 558-9100

All material appearing in this report is in the public domain and may be reproduced or copied without permission;
citation as to source, however, is appreciated.

Recommended citation: *West Virginia Vital Statistics, 2011*, West Virginia Bureau for Public Health, Health
Statistics Center

TABLE OF CONTENTS

	<u>Page</u>
Foreword	1
2011 Vital Statistics Review	2
Selected Records and Trivia, West Virginia, 2011	3
Average Day Statistics, West Virginia, 2011	4
WEST VIRGINIA SECTION	5
POPULATION	5
Population Summary	7
Exhibit 1: West Virginia Population, 1925-2011	9
Table 1: West Virginia Population by County, 2010 and 2011	10
Table 2: West Virginia Population Characteristics, 2000 and 2011 Distribution by Gender, Age and Race.....	11
Table 3: Age Group Distribution by County West Virginia Population, 2011 by Gender	12
Exhibit 2: Population Density per Square Mile by County West Virginia, 2011	18
Exhibit 3: Per Capita Personal Income by County West Virginia, 2011	19
Table 4: Births, Deaths, Natural Increase and Net Migration West Virginia Population, 1950-2011	20
BIRTHS	21
Birth Summary	23
Exhibit 4: Number and Rate of Resident Births (Compared to Deaths) West Virginia, 1925-2011	25

TABLE OF CONTENTS (Cont'd)

	<u>Page</u>
Table 5: Summary Totals West Virginia Resident Births, 2011	26
Table 6: Birthweight by Age of Mother West Virginia Resident Births, 2011	27
Table 7: Selected Factors by Birthweight West Virginia Resident Births, 2011	28
Exhibit 5: Birthweight in Grams West Virginia Resident Births, 2011	29
Exhibit 6: Age of Mother West Virginia Resident Births, 2011	29
Table 8: Marital Status by Age of Mother West Virginia Resident Births, 2007-2011	30
Exhibit 7: Marital Status by Age of Mother West Virginia Resident Births, 2011	30
Exhibit 8: Percent of Births to Unmarried Mothers West Virginia Resident Births, 1950-2011	31
Exhibit 9: Percent of Births to Unmarried Mothers and Unmarried Mothers with Paternity Affidavit West Virginia Occurrence Births, 1975-2011.....	32
Table 9: Selected Factors by Race of Mother West Virginia Resident Births, 2011	33
Table 10: Prenatal Care by Mother's Race, Marital Status and Education West Virginia Resident Births, 2011	34
Table 11: Births by Method of Delivery Number and Percent by Facility of Occurrence West Virginia, 2011.....	36
Table 12: Full Term Births (39+ Weeks Gestation) by Method of Delivery Number and Percent by Facility of Occurrence West Virginia, 2011.....	37

TABLE OF CONTENTS (Cont'd)

	<u>Page</u>
Table 13: Labor-Induced Births by Method of Delivery Number and Percent by Facility of Occurrence West Virginia, 2011.....	38
Table 14: Mother’s Marital Status and Method of Paternity Establishment for Unmarried Mothers by Hospital of Birth’s Occurrence West Virginia Occurrence Births, 2011.....	39
Table 15: Out-of-State Occurrences West Virginia Resident Births, 2007-2011	40
Table 16: Out-of-State Residents Born in West Virginia West Virginia Births, 2007-2011	40
DEATHS.....	41
Death Summary	43
Exhibit 10: Number and Rate of Resident Deaths West Virginia, 1925-2011	45
Table 17: Summary Totals West Virginia Resident Deaths, 2011	46
Table 18: Out-of-State Occurrences West Virginia Resident Deaths, 2007-2011	47
Table 19: Deaths to Out-of-State Residents West Virginia Occurrence Deaths, 2007-2011.....	47
Exhibit 11: 2011 West Virginia Leading Causes of Death Compared to 2010 United States Leading Causes of Death.....	48
Table 20: Top Twenty Leading Causes of Death by Years of Potential Life Lost Before Age 75 Compared to Actual Deaths of All Ages West Virginia Resident Deaths, 2010 and 2011	49
Exhibit 12: Top Ten Causes of Years of Potential Life Lost Before Age 75 Compared to Resident Deaths of All Ages West Virginia Resident Deaths, 2011	50
Table 21: Leading Causes of Death by Age Group and Gender West Virginia Resident Deaths, 2011	51

TABLE OF CONTENTS (Cont'd)

	<u>Page</u>
Exhibit 13: 2011 Ten Leading Causes of Death by Gender West Virginia Resident Death Rates	55
Table 22: Firearm Injury Deaths by Age Group and Gender West Virginia Resident Deaths, 2011	56
Table 23: Non-Transport Accident Deaths By Place of Occurrence and Gender West Virginia Resident Deaths, 2011	56
Table 24: Causes of Resident Deaths: Number and Rate West Virginia, 2011	57
Table 25: Selected Causes of Resident Deaths by Race and Gender West Virginia, 2011	70
Table 26: Selected Causes of Resident Deaths by Age Group West Virginia, 2011	71
Table 27: Selected Causes of Resident Deaths by Month West Virginia, 2011	72
INFANT AND FETAL DEATH.....	73
Infant and Fetal Death Summary	75
Table 28: Fetal, Neonatal and Postneonatal Deaths West Virginia Resident Deaths, 1925-2011	77
Exhibit 14: Fetal, Neonatal and Postneonatal Deaths West Virginia Resident Deaths, 2011	78
Table 29: Causes of Resident Infant Deaths by Age West Virginia, 2011	79
Table 30: Causes of Resident Infant Deaths by Birthweight West Virginia, 2011	81
Table 31: Births and Infant Deaths by Selected Risk Factors and Demographics West Virginia Residents, 2011	83
Exhibit 15: Resident Infant Death Rates by County West Virginia, 2002-2006 and 2007-2011	84

TABLE OF CONTENTS (Cont'd)

	<u>Page</u>
Table 32: Causes of Resident Fetal Deaths West Virginia, 2007-2011	85
INDUCED TERMINATIONS OF PREGNANCY (ITOP).....	87
Induced Terminations of Pregnancy (ITOP) Summary	89
Table 33: ITOP by Age of Female and Weeks of Gestation West Virginia Occurrences, 2011.....	91
Table 34: ITOP by Age of Female and Marital Status West Virginia Occurrences, 2011.....	91
Table 35: ITOP by Age of Female and Previous Live Births West Virginia Occurrences, 2011.....	92
Table 36: Previous ITOPs by Age of Female West Virginia Occurrences, 2011.....	92
MARRIAGES AND DIVORCES.....	93
Marriage and Divorce Summary....	95
Exhibit 16: Marriages and Divorces West Virginia, 1970-2011	97
Table 37: Marriages by Age of Bride and Groom West Virginia, 2011.....	98
Exhibit 17: Marriages by Month of Occurrence West Virginia, 2011.....	99
Table 38: Marriages by Previous Marital Status West Virginia, 2011.....	100
Table 39: Marriages by Number of Previous Marriages West Virginia, 2011.....	100
Table 40: Divorces and Annulments by Age of Husband and Wife West Virginia, 2011.....	101

TABLE OF CONTENTS (Cont'd)

	<u>Page</u>
Table 41: Divorces and Annulments by Duration of Marriage and Number of Children West Virginia, 2011	102
COUNTY-LEVEL DATA.....	103
County and City Summary.....	105
 <u>County Births:</u>	
Table 42: Number of Births by County of Residence and Occurrence Birth Rates by County of Residence West Virginia Births, 2011	107
Table 43: Number of Births by County West Virginia Resident Births, 2007-2011	108
Table 44: Number and Percent of Low Birthweight Births by County West Virginia Resident Births, 2011	109
Table 45: Age of Mother by County West Virginia Resident Births, 2011	110
Table 46: Mother's Marital Status and Method of Paternity Establishment for Unmarried Mothers by County West Virginia Occurrence Births, 2011	111
Table 47: Births by Month by County West Virginia Resident Births, 2011	112
Table 48: Place of Delivery, Gender of Child by Race of Mother and Marital Status of Mother by County West Virginia Resident Births, 2011	113
Table 49: Trimester Prenatal Care Began by County West Virginia Resident Births, 2011	114
Table 50: Number of Prenatal Care Visits by County West Virginia Resident Births, 2011	115
Table 51: Selected Pregnancy, Labor and Delivery Factors by County West Virginia Resident Births, 2011	116

TABLE OF CONTENTS (Cont'd)

	<u>Page</u>
<u>County Deaths:</u>	
Table 52: Number of Deaths by Race, Gender and County West Virginia Resident Deaths, 2011	117
Table 53: Number of Deaths by County of Residence and Occurrence West Virginia, 2011	118
Table 54: Method of Disposition by County of Residence/Occurrence West Virginia Deaths, 2011.....	119
Table 55: Number of Deaths by County West Virginia Resident Deaths, 2007-2011	121
Table 56: Age at Death by County West Virginia Resident Deaths, 2011	122
Table 57: Place Death Occurred by County West Virginia Resident Deaths, 2011	123
Table 58: Firearm Injury Deaths by Type of Injury and County West Virginia Resident Deaths, 2011	124
Table 59: Number and Rate of Resident Infant Deaths by County West Virginia, 2007-2011	125
Table 60: Number and Ratio of Resident Fetal Deaths by County West Virginia, 2007-2011	126
Exhibit 18: Heart Disease Mortality Rates by County West Virginia Resident Deaths, 2007-2011	127
Exhibit 19: Malignant Neoplasm Mortality Rates by County West Virginia Resident Deaths, 2007-2011	128
Table 61: Selected Causes of Resident Deaths Number and Rate by County West Virginia, 2011.....	129
<u>County Marriages and Divorces:</u>	
Table 62: Marriages by Month of Occurrence by County West Virginia, 2011.....	143

TABLE OF CONTENTS (Cont'd)

	<u>Page</u>
Table 63: Number of Marriages by County West Virginia, 2007-2011	144
Table 64: Divorces and Annulments by County of Occurrence West Virginia, 2011.....	145
Table 65: Number of Divorces and Annulments by County West Virginia, 2007-2011	146
 CITY-LEVEL DATA	 147
Table 66: Number and Rate of Births by City West Virginia Resident Births, 2011	149
Table 67: Selected Causes of Resident Deaths Number and Rate by City West Virginia, 2011.....	150
 APPENDIXES.....	 157
APPENDIX A: ICD-10 Codes.....	157
Groupings of ICD-10 Codes	159
APPENDIX B: Methodology, Rates/Ratios and Definitions.....	161
Methodology	163
Rates and Ratios.....	165
Definitions.....	166
APPENDIX C: Grams Conversion.....	169
Converting Pounds/Ounces into Grams	171

FOREWORD

West Virginia Vital Statistics 2011 publication provides an in-depth look at births, deaths, marriages and divorces that occurred among state residents in 2011. Beginning with the 2008 edition state, county and city sections are presented separately. For example, a table on county-level birth data which was previously in the birth section is now located in the county section beginning on page 103. Please see the Table of Contents for further reference.

West Virginia had a natural decrease in population (excess of deaths over births) for the fourth year in a row. West Virginia rose in overall population between 2010 and 2011 with 24 of the 55 counties gaining population.

The number of total births increased (20,471 to 20,705) from 2010 to 2011 while the births to teenage mothers decreased. Births to unmarried mothers stayed about the same in 2011 as 2010 but over two out of every five births still occurred out of wedlock. Among the unmarried mothers giving birth in West Virginia, a father was established through a paternity affidavit in 70.6% of these births, which is lower than the 2010 percentage of 71.5%.

Of the women who gave birth in 2011, 83.7% received prenatal care during the first trimester of pregnancy while 26.1% smoked during pregnancy. The percentage of low birthweight babies increased in 2011 going from 9.2% in 2010 to 9.6%. In 2011, 37.0% of all babies were delivered by Cesarean section.

The number of deaths increased by 592 in 2011. The average age at death for West Virginians was 68.8 for men and 75.5 for women. Heart disease, cancer, chronic lower respiratory disease and accidents were the four leading causes of death, accountable for 58.1% of all deaths in West Virginia. Motor vehicle traffic accident deaths increased by 64 in 2011, from 313 to 377.

The infant death rate dropped from 7.3 per 1,000 live births in 2010 to 6.8 in 2011. The majority (80.9%) of infant deaths were due to conditions originating in the perinatal period, congenital malformations and SIDS (Sudden Infant Death Syndrome). The fetal death ratio rose from 4.1 per 1,000 live births in 2010 to 4.3 in 2011. Almost all (92.2%) of fetal deaths were due to conditions originating in the perinatal period.

Marriages increased for the second straight year, from 12,662 in 2010 to 13,271. Divorces also increased from 9,431 in 2010 to 9,620 in 2011.

Induced termination of pregnancy (ITOP) or induced abortion was added to our annual report beginning in 2005. This section contains data of those terminations performed in West Virginia only. There were 1,837 ITOPs performed in the state in 2011 compared with 1,999 in 2010. In 2011, 91 of these procedures involved a minor under the age of 18 compared with 127 in 2010.

Because of limited funds and the high cost of printing, we ask that you please make copies of this publication and share it with others. Please note that these data can be accessed online later in the year at <http://www.wvdhhr.org/bph/hsc/statserv/> along with other statistical publications. If you need any additional information, please contact the Health Statistics Center at (304) 558-9100 or online at <http://www.wvdhhr.org/bph/hsc/contactUs.asp>.

2011 West Virginia and United States Vital Statistics Review

	West Virginia		United States***	
	Number	Rate*	Number	Rate*
Live Births	20,705	11.2	3,953,590	12.7
Deaths	21,870	11.8	2,513,171	8.1
Fetal Deaths	90	**4.3	N/A	N/A
Neonatal Deaths	86	**4.2	15,954	**4.0
Infant Deaths	141	**6.8	23,910	**6.0
Marriages	13,271	7.2	2,118,000	6.8
Divorces & Annulments	9,620	5.2	877,000	2.8
Natural Increase (Decrease)	(1,165)	(0.6)	1,440,419	4.6
Population (2011 Estimate)	1,855,364		311,591,917	

*Rates based on 2011 U.S. Census Bureau estimates.

<http://census.gov/>.

**Ratio/rate per 1,000 live births.

***National Center for Health Statistics.

(Births) *National Vital Statistics Report*.

http://www.cdc.gov/nchs/data/nvsr/nvsr62/nvsr62_01.pdf

(Deaths, Neonatal and Infant Deaths) *National Vital Statistics Report*.

http://www.cdc.gov/nchs/data/nvsr/nvsr61/nvsr61_06.pdf

(Marriages and Divorces) *National Vital Statistics Report*.

http://www.cdc.gov/nchs/data/nvsr/marriage_divorce_tables.htm

Note: US Divorces exclude data from California, Georgia, Hawaii, Indiana, Louisiana and Minnesota.

Selected Records and Trivia West Virginia, 2011

Natality

Oldest Father: 70
 Youngest Father: 14
 Oldest Mother: 50
 Youngest Mother: 13
 Highest Live Birth Order: 11th Delivery – 10 siblings (brothers and sisters)
 Day Most Births Occurred: August 16 (99)
 Day Fewest Births Occurred: June 19 (15)
 Number of Live Born Twins: 668
 Number of Live Born Triplets: 15

Most Popular Names for Babies

<u>Boys' Names</u>	<u>Number</u>	<u>Girls' Names</u>	<u>Number</u>
Mason	149	Isabella	157
Landon	131	Emma	139
Jacob	128	Madison	116
Noah	120	Sophia	112
Elijah	117	Addison	97
Aiden	114	Abigail	95
Liam	113	Olivia	92
Hunter	109	Ava	88
Brayden	107	Alexis	75
Bentley	98	Emily	74

Mortality

Oldest Male Decedent: 110
 Oldest Female Decedent: 110
 Number of Male Decedents 100 Yrs. & Older: 22
 Number of Female Decedents 100 Yrs. & Older: 115
 Day Most Deaths Occurred: March 9 (90)
 Day Fewest Deaths Occurred: October 13 (36)

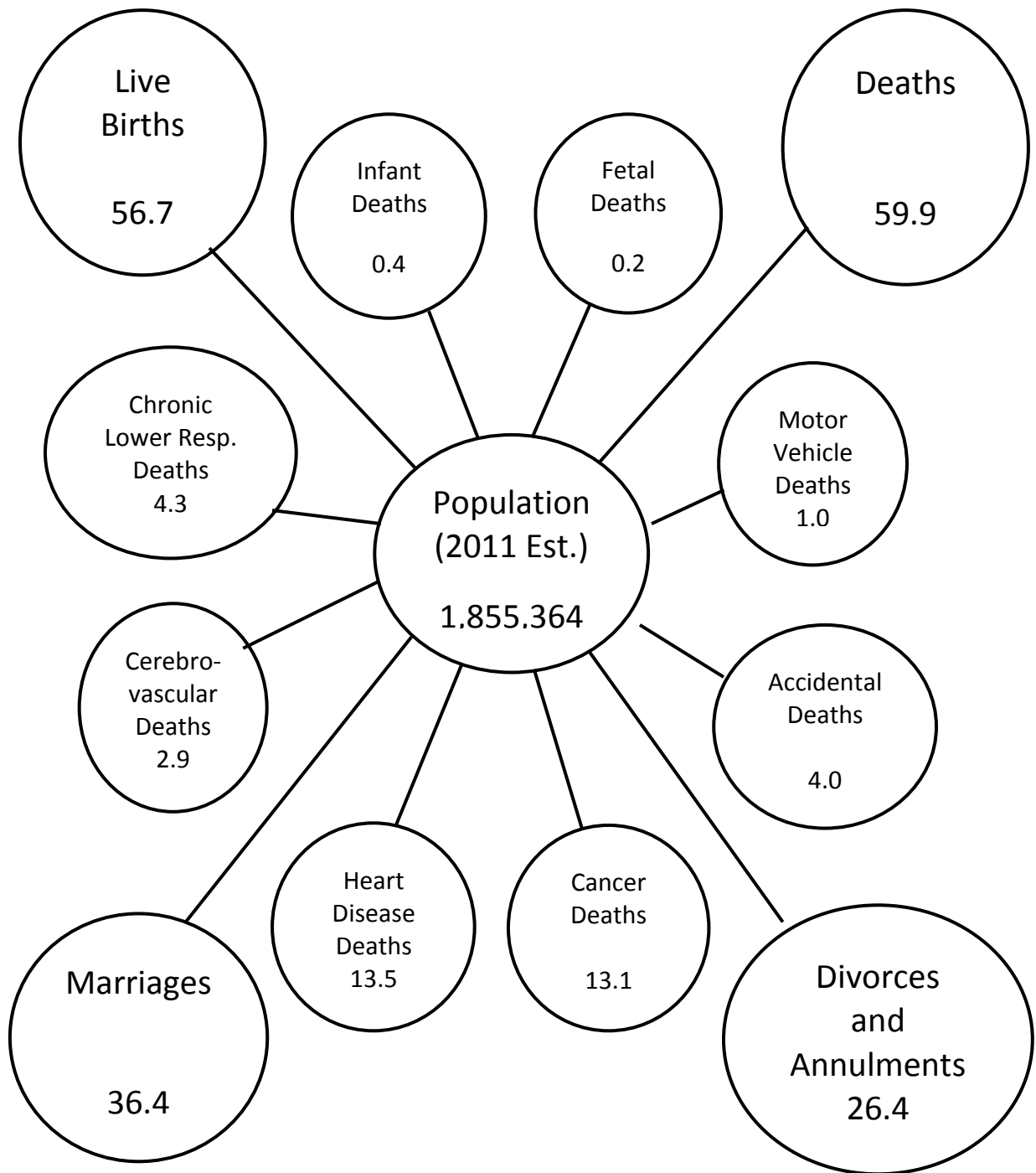
Marriage

Oldest Groom: 96
 Youngest Groom: 16
 Oldest Bride: 88
 Youngest Bride: 16
 Largest Age Difference with Bride Older: 57 Years
 Largest Age Difference with Groom Older: 44 Years

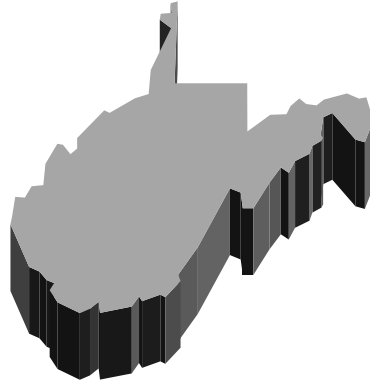
Divorce

Oldest Male Divorcé: 89
 Youngest Male Divorcé: 17
 Oldest Female Divorcée: 94
 Youngest Female Divorcée: 16
 Marriage of Longest Duration Ending in Divorce: 64 Years

Average Day Statistics West Virginia, 2011



West Virginia Bureau for Public Health
Health Statistics Center, 2014



West Virginia Vital Statistics

Population

Population Summary

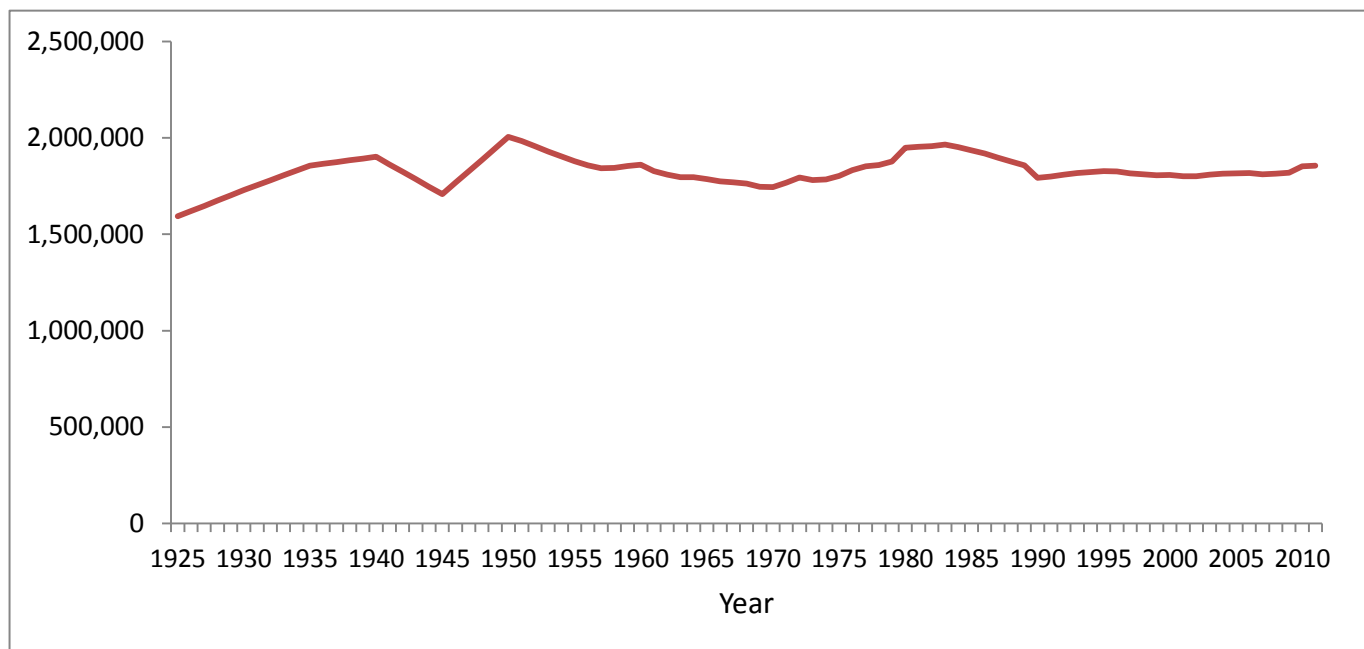
In 2011, 2,370 West Virginians were gained to the total population as a result of net migration. The 2011 Census shows an overall increase (approximately 0.1%) in the state's population since 2010, from 1,852,994 to 1,855,364. This increase is the result of a slight growth in the excess of immigration over outmigration during that span, in spite of the natural decrease (excess of deaths over births).

Even though there was an increase in the overall population from 2010 to 2011, less than half (24) of the state's 55 counties have shown an increase. Furthermore, seventeen (17) of the state's 30 largest cities have shown an increase in population since the 2010 Census.

The U.S. Census Bureau estimates the population during non-census years and can be found at www.census.gov. Updates are officially announced as of July 1 of every year until the decennial census, which is on April 1. Every year, the actual estimates change from previous years, but vintage years are still available on their website.

West Virginia Population, 1925-2011

Exhibit 1



Year	Population	Change in Population	
		Years	Percentage Change
1925*	1,593,005		
1930	1,729,205	1925 to 1930	8.5%
1935*	1,856,354	1930 to 1935	7.4%
1940	1,901,974	1935 to 1940	2.5%
1945*	1,708,000	1940 to 1945	-10.2%
1950	2,005,552	1945 to 1950	17.4%
1955*	1,880,000	1950 to 1955	-6.3%
1960	1,860,421	1955 to 1960	-1.0%
1965*	1,786,000	1960 to 1965	-4.0%
1970	1,744,237	1965 to 1970	-2.3%
1975*	1,803,000	1970 to 1975	3.4%
1980	1,949,644	1975 to 1980	8.1%
1985*	1,936,000	1980 to 1985	-0.7%
1990	1,793,477	1985 to 1990	-7.4%
1995*	1,828,000	1990 to 1995	1.9%
2000	1,808,344	1995 to 2000	-1.1%
2005*	1,816,856	2000 to 2005	0.5%
2010	1,852,994	2005 to 2010	2.0%
2011*	1,855,364	2010 to 2011	0.1%

West Virginia Population by County, 2010 and 2011
Table 1

County	2010	2011	County	2010	2011
Barbour	16,589	16,520	Monongalia	96,189	98,528
Berkeley	104,169	105,750	Monroe	13,502	13,534
Boone	24,629	24,444	Morgan	17,541	17,535
Braxton	14,523	14,485	Nicholas	26,233	26,268
Brooke	24,069	23,844	Ohio	44,443	44,246
Cabell	96,319	96,653	Pendleton	7,695	7,673
Calhoun	7,627	7,652	Pleasants	7,605	7,611
Clay	9,386	9,357	Pocahontas	8,719	8,786
Doddridge	8,202	8,171	Preston	33,520	33,723
Fayette	46,039	45,699	Putnam	55,486	56,008
Gilmer	8,693	8,705	Raleigh	78,859	79,127
Grant	11,937	11,891	Randolph	29,405	29,465
Greenbrier	35,480	35,800	Ritchie	10,449	10,295
Hampshire	23,964	23,812	Roane	14,926	14,858
Hancock	30,676	30,571	Summers	13,927	13,867
Hardy	14,025	13,912	Taylor	16,895	16,916
Harrison	69,099	69,436	Tucker	7,141	7,021
Jackson	29,211	29,241	Tyler	9,208	9,121
Jefferson	53,498	54,225	Upshur	24,254	24,322
Kanawha	193,063	192,315	Wayne	42,481	42,126
Lewis	16,372	16,416	Webster	9,154	9,143
Lincoln	21,720	21,550	Wetzel	16,583	16,351
Logan	36,743	36,457	Wirt	5,717	5,762
McDowell	22,113	21,729	Wood	86,956	87,120
Marion	56,418	56,586	Wyoming	23,796	23,419
Marshall	33,107	32,800			
Mason	27,324	27,298			
Mercer	62,264	62,465	WV Total	1,852,994	1,855,364
Mineral	28,212	28,192			
Mingo	26,839	26,563			

West Virginia Bureau for Public Health
Health Statistics Center, 2014

West Virginia Population Characteristics, 2010 and 2011
Distribution by Gender, Age and Race
Table 2

Characteristic	2010 Census		2011 Estimate	
	Number	Percent	Number	Percent
<u>Total</u>	1,852,994	100.0%	1,855,364	100.0%
<u>Gender</u>				
Male	913,586	49.3%	915,081	49.3%
Female	939,408	50.7%	940,283	50.7%
<u>Age</u>				
Less than 5 Years	104,060	5.6%	103,456	5.6%
5-17 Years	283,358	15.3%	281,338	15.2%
18-44 Years	627,191	33.8%	626,410	33.8%
45-64 Years	540,981	29.2%	543,190	29.3%
65 Years and Older	297,404	16.0%	300,970	16.2%
<u>Race</u>				
White or Caucasian	1,739,988	93.9%	1,745,175	94.1%
Black or African American	63,124	3.4%	65,825	3.5%
Asian, Native Hawaiian and Other Pacific Islander	12,834	0.7%	13,989	0.8%
American Indian, Eskimo, Aleutian Islander and Alaska Native	3,787	0.2%	4,086	0.2%
All Other Races	33,261	1.8%	26,289	1.4%
<u>Hispanic Origin*</u>	22,268	1.2%	23,900	1.3%

* May be of any race
2000 and 2010 Census Source: <http://www.census.gov>

Age Group Distribution by County
West Virginia Population 2010 Census (Both Genders)

Table 3

County	Less Than 1 Year	1-4 Years	5-14 Years	15-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years	Total
Barbour	176	773	1,983	2,225	1,766	2,123	2,473	2,309	1,562	875	324	16,589
Berkeley	1,311	5,930	14,650	12,390	14,133	15,218	15,714	12,965	7,182	3,585	1,091	104,169
Boone	322	1,205	3,168	2,714	2,869	3,427	3,659	3,776	2,018	1,105	366	24,629
Braxton	158	633	1,668	1,645	1,554	1,840	2,222	2,257	1,458	793	295	14,523
Brooke	186	937	2,580	3,125	2,366	2,891	3,578	3,804	2,273	1,670	659	24,069
Cabell	1,175	4,371	10,252	14,964	13,111	11,721	12,844	12,517	8,015	5,326	2,023	96,319
Calhoun	98	315	841	796	845	904	1,201	1,242	769	446	170	7,627
Clay	98	470	1,259	1,059	1,033	1,233	1,412	1,350	817	498	157	9,386
Doddridge	86	305	904	1,080	973	1,031	1,282	1,212	807	405	117	8,202
Fayette	520	2,112	5,210	5,211	5,362	5,831	6,910	7,081	4,090	2,725	987	46,039
Gilmer	69	296	673	1,424	1,431	1,348	1,239	1,020	656	375	162	8,693
Grant	131	503	1,466	1,265	1,218	1,561	1,767	1,837	1,283	660	246	11,937
Greenbrier	355	1,490	4,010	3,957	3,830	4,116	5,400	5,484	3,766	2,225	847	35,480
Hampshire	239	1,042	3,056	2,674	2,551	3,198	3,731	3,575	2,347	1,184	367	23,964
Hancock	275	1,259	3,535	2,979	3,235	3,941	4,901	4,797	2,851	2,102	801	30,676
Hardy	148	645	1,674	1,548	1,544	1,931	2,180	2,026	1,400	717	212	14,025
Harrison	796	3,231	8,328	7,849	8,238	8,950	10,665	9,634	5,945	3,836	1,627	69,099
Jackson	313	1,374	3,607	3,420	3,197	3,771	4,481	3,883	2,870	1,743	552	29,211
Jefferson	593	2,784	7,254	7,299	6,028	7,825	8,450	6,951	3,838	1,810	666	53,498
Kanawha	2,139	8,651	22,151	21,923	23,977	23,747	29,731	28,429	16,847	11,151	4,317	193,063
Lewis	184	757	1,812	1,809	1,824	2,150	2,495	2,413	1,644	927	357	16,372
Lincoln	241	1,069	2,698	2,481	2,531	2,948	3,351	3,116	1,946	1,088	251	21,720
Logan	381	1,478	4,256	3,993	4,518	4,977	5,670	5,895	3,071	1,932	572	36,743
McDowell	230	970	2,399	2,525	2,546	2,783	3,500	3,502	2,026	1,177	455	22,113
Marion	634	2,491	6,128	7,673	6,979	7,204	7,893	7,875	5,020	3,149	1,372	56,418
Marshall	341	1,401	3,808	3,727	3,488	4,120	5,078	5,330	3,079	1,996	739	33,107
Mason	271	1,301	3,322	2,948	3,263	3,388	4,306	3,871	2,636	1,547	471	27,324
Mercer	737	2,825	7,003	7,872	7,031	7,526	8,615	9,442	5,936	3,772	1,505	62,264
Mineral	336	1,185	3,275	3,785	2,913	3,665	4,101	4,059	2,901	1,462	530	28,212
Mingo	313	1,301	3,283	3,061	3,325	3,609	4,197	4,127	2,091	1,183	349	26,839

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Age Group Distribution by County
West Virginia Population 2010 Census (Both Genders)
Table 3 (Cont'd)

County	Less Than 1 Year	1-4 Years	5-14 Years	15-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years	Total
Monongalia	875	3,592	8,238	28,273	14,339	10,289	10,912	9,845	5,310	3,233	1,283	96,189
Monroe	133	622	1,573	1,415	1,348	1,661	2,029	2,070	1,512	828	311	13,502
Morgan	158	685	2,079	1,796	1,683	2,365	2,803	2,756	1,882	1,022	312	17,541
Nicholas	310	1,264	2,945	2,957	2,825	3,392	3,986	4,077	2,611	1,388	478	26,233
Ohio	434	1,812	4,684	6,442	4,692	4,913	6,676	6,577	3,873	2,975	1,365	44,443
Pendleton	90	293	806	825	725	855	1,200	1,220	873	578	230	7,695
Pleasants	81	277	874	885	878	1,086	1,237	1,059	706	373	149	7,605
Pocahontas	77	317	880	839	954	1,015	1,478	1,475	970	545	169	8,719
Preston	321	1,477	3,597	3,623	4,624	4,622	5,121	4,878	3,044	1,635	578	33,520
Putnam	611	2,704	7,619	5,792	6,449	7,839	8,760	7,735	4,716	2,488	773	55,486
Raleigh	960	3,805	8,920	8,992	10,082	10,357	11,210	11,872	6,732	4,397	1,532	78,859
Randolph	304	1,204	3,146	3,513	3,374	3,796	4,528	4,294	3,003	1,540	703	29,405
Ritchie	107	463	1,243	1,120	1,092	1,315	1,730	1,582	1,055	517	225	10,449
Roane	139	687	1,877	1,532	1,603	1,905	2,323	2,294	1,494	780	292	14,926
Summers	116	512	1,368	1,373	1,653	1,799	2,213	2,211	1,439	903	340	13,927
Taylor	214	755	1,960	1,810	2,052	2,309	2,612	2,439	1,487	908	349	16,895
Tucker	64	267	757	763	682	887	1,095	1,125	870	468	163	7,141
Tyler	95	378	1,087	976	831	1,212	1,471	1,458	945	574	181	9,208
Upshur	278	1,141	2,681	3,718	2,575	2,925	3,485	3,407	2,322	1,274	448	24,254
Wayne	425	1,988	5,393	5,027	4,816	5,723	6,179	5,916	3,929	2,363	722	42,481
Webster	122	421	1,013	1,039	922	1,187	1,402	1,444	923	474	207	9,154
Wetzel	162	686	1,940	1,872	1,625	2,063	2,562	2,434	1,806	1,087	346	16,583
Wirt	41	262	678	623	586	723	1,031	879	578	234	82	5,717
Wood	990	4,050	10,533	10,010	9,963	11,207	13,400	12,085	8,243	4,693	1,782	86,956
Wyoming	258	1,073	2,917	2,660	2,646	3,072	3,667	3,914	2,053	1,222	314	23,796
WV Total	20,221	83,839	215,061	237,296	220,698	237,494	276,156	264,825	163,520	97,963	35,921	1,852,994

Age Group Distribution by County
West Virginia Population 2010 Census (Males)
Table 3 (Cont'd)

County	Less Than 1 Year	1-4 Years	5-14 Years	15-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years	Total
Barbour	91	413	1,041	1,088	851	1,062	1,228	1,153	774	386	103	8,190
Berkeley	647	2,985	7,439	6,169	7,014	7,554	7,884	6,557	3,464	1,589	401	51,703
Boone	173	615	1,671	1,417	1,402	1,712	1,852	1,835	1,007	437	118	12,239
Braxton	63	337	827	846	815	925	1,166	1,127	747	367	96	7,316
Brooke	86	483	1,319	1,582	1,193	1,452	1,767	1,873	1,052	670	195	11,672
Cabell	623	2,284	5,302	7,393	6,735	5,947	6,326	6,008	3,695	2,065	594	46,972
Calhoun	44	155	423	415	433	462	594	644	387	211	53	3,821
Clay	45	253	611	552	487	613	725	690	422	219	47	4,664
Doddridge	47	142	479	651	556	574	667	625	408	202	40	4,391
Fayette	263	1,088	2,698	2,856	2,755	3,066	3,472	3,618	1,921	1,061	287	23,085
Gilmer	40	145	327	840	1,082	962	755	580	308	160	57	5,256
Grant	66	255	768	627	605	791	882	893	645	311	85	5,928
Greenbrier	175	747	2,061	2,098	1,893	2,010	2,647	2,681	1,772	947	265	17,296
Hampshire	125	532	1,560	1,411	1,296	1,665	1,870	1,802	1,188	551	136	12,136
Hancock	137	639	1,846	1,516	1,558	1,984	2,377	2,386	1,289	867	242	14,841
Hardy	84	337	858	776	797	994	1,122	1,009	701	322	78	7,078
Harrison	422	1,688	4,239	3,969	4,110	4,422	5,303	4,688	2,756	1,540	511	33,648
Jackson	174	709	1,891	1,782	1,625	1,835	2,218	1,888	1,342	778	183	14,425
Jefferson	318	1,418	3,657	3,677	2,938	3,844	4,225	3,459	1,868	822	218	26,444
Kanawha	1,037	4,461	11,269	11,118	11,872	11,755	14,324	13,569	7,653	4,282	1,385	92,725
Lewis	106	383	927	933	919	1,076	1,226	1,187	780	415	116	8,068
Lincoln	128	556	1,400	1,231	1,253	1,494	1,647	1,561	967	491	75	10,803
Logan	213	747	2,150	2,070	2,294	2,539	2,765	2,955	1,417	761	187	18,098
McDowell	115	479	1,253	1,300	1,337	1,433	1,682	1,789	954	449	146	10,937
Marion	326	1,279	3,128	3,902	3,518	3,614	3,885	3,897	2,302	1,258	437	27,546
Marshall	158	704	1,900	1,941	1,755	2,097	2,485	2,612	1,425	812	265	16,154
Mason	140	646	1,723	1,522	1,450	1,643	2,071	1,899	1,244	639	154	13,131
Mercer	387	1,452	3,525	3,939	3,404	3,716	4,131	4,489	2,792	1,505	414	29,754
Mineral	182	650	1,713	1,973	1,447	1,849	1,964	1,969	1,424	632	183	13,986
Mingo	153	647	1,689	1,550	1,620	1,815	2,046	2,027	1,015	468	130	13,160

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Age Group Distribution by County
West Virginia Population 2010 Census (Males)
Table 3 (Cont'd)

County	Less Than 1 Year	1-4 Years	5-14 Years	15-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years	Total
Monongalia	432	1,856	4,174	15,210	7,861	5,475	5,472	4,928	2,520	1,297	375	49,600
Monroe	62	352	802	710	664	843	1,019	988	763	360	117	6,680
Morgan	76	363	1,059	922	825	1,218	1,411	1,363	926	460	126	8,749
Nicholas	150	676	1,543	1,477	1,422	1,634	1,971	2,011	1,286	601	143	12,914
Ohio	207	945	2,375	3,133	2,425	2,391	3,238	3,201	1,768	1,084	398	21,165
Pendleton	49	154	407	458	383	435	601	614	424	272	100	3,897
Pleasants	49	148	478	497	506	595	678	546	385	150	47	4,079
Pocahontas	30	155	454	442	538	516	779	758	518	231	52	4,473
Preston	181	765	1,839	1,880	2,585	2,491	2,692	2,463	1,504	722	176	17,298
Putnam	299	1,381	3,866	3,038	3,093	3,881	4,267	3,815	2,294	1,045	270	27,249
Raleigh	479	1,931	4,566	4,628	5,406	5,493	5,591	5,894	3,194	1,760	445	39,387
Randolph	155	611	1,617	1,871	1,949	2,033	2,335	2,189	1,514	646	228	15,148
Ritchie	59	237	650	581	535	650	903	777	533	229	68	5,222
Roane	73	342	970	803	787	932	1,132	1,204	748	316	77	7,384
Summers	55	257	683	634	662	741	936	1,106	677	372	127	6,250
Taylor	103	402	1,017	956	1,092	1,194	1,373	1,232	700	375	105	8,549
Tucker	34	135	395	409	324	453	546	563	443	228	49	3,579
Tyler	51	185	523	497	412	616	712	755	464	230	68	4,513
Upshur	137	582	1,343	1,839	1,318	1,461	1,717	1,731	1,117	533	166	11,944
Wayne	196	1,037	2,754	2,563	2,359	2,786	3,017	2,882	1,899	1,030	221	20,744
Webster	60	216	528	528	447	588	693	719	478	201	73	4,531
Wetzel	84	364	1,007	950	805	1,031	1,266	1,208	823	499	102	8,139
Wirt	21	140	354	307	284	339	516	457	309	114	27	2,868
Wood	497	2,035	5,386	4,950	4,881	5,563	6,551	5,771	3,865	1,891	557	41,947
Wyoming	138	557	1,489	1,357	1,317	1,565	1,791	1,982	1,025	491	98	11,810
WV Total	10,245	43,055	109,973	121,784	111,894	119,829	136,513	130,627	77,896	40,354	11,416	913,586

Age Group Distribution by County
West Virginia Population 2010 Census (Females)
Table 3 (Cont'd)

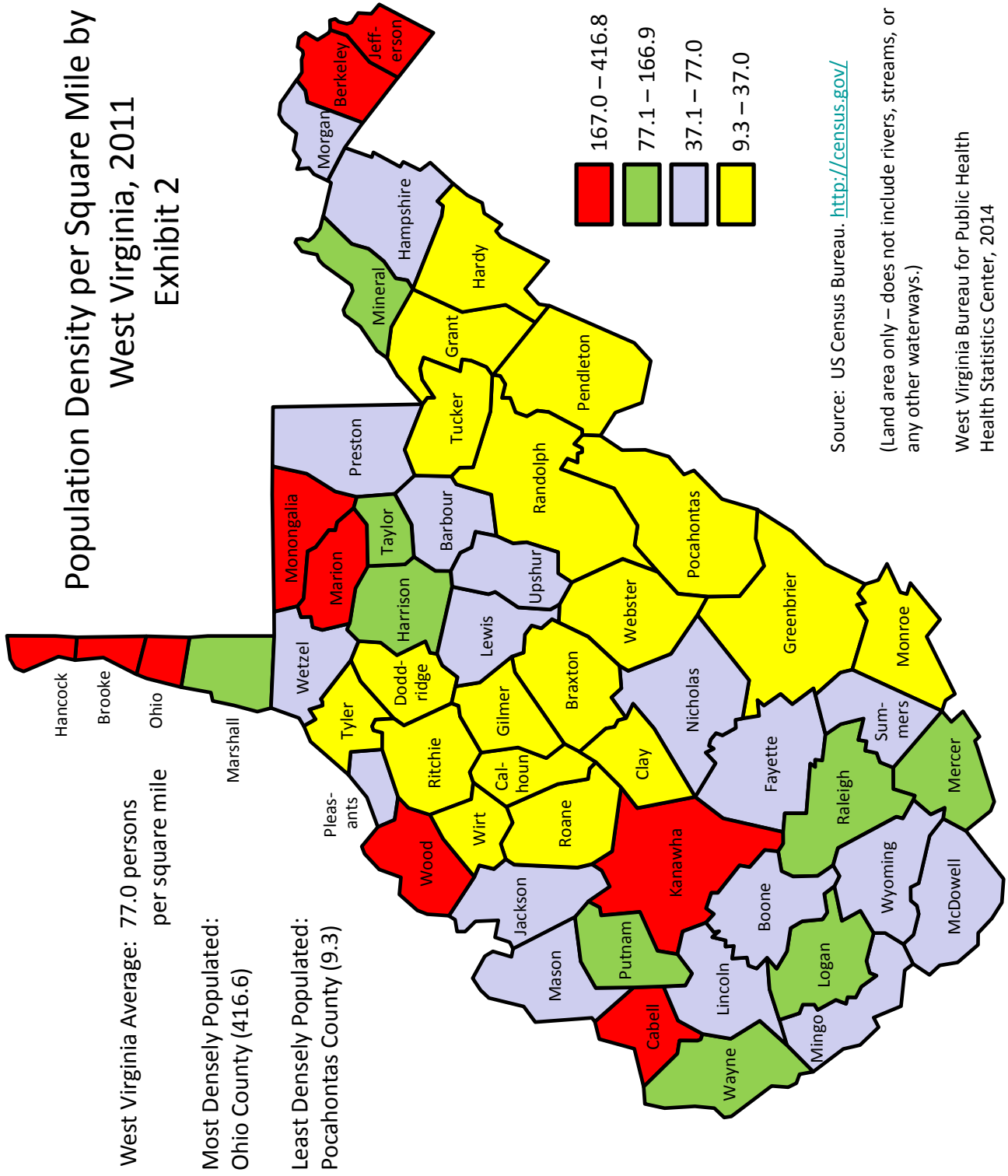
County	Less Than 1 Year	1-4 Years	5-14 Years	15-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years	Total
Barbour	85	360	942	1,137	915	1,061	1,245	1,156	788	489	221	8,399
Berkeley	664	2,945	7,211	6,221	7,119	7,664	7,830	6,408	3,718	1,996	690	52,466
Boone	149	590	1,497	1,297	1,467	1,715	1,807	1,941	1,011	668	248	12,390
Braxton	95	296	841	799	739	915	1,056	1,130	711	426	199	7,207
Brooke	100	454	1,261	1,543	1,173	1,439	1,811	1,931	1,221	1,000	464	12,397
Cabell	552	2,087	4,950	7,571	6,376	5,774	6,518	6,509	4,320	3,261	1,429	49,347
Calhoun	54	160	418	381	412	442	607	598	382	235	117	3,806
Clay	53	217	648	507	546	620	687	660	395	279	110	4,722
Doddridge	39	163	425	429	417	457	615	587	399	203	77	3,811
Fayette	257	1,024	2,512	2,355	2,607	2,765	3,438	3,463	2,169	1,664	700	22,954
Gilmer	29	151	346	584	349	386	484	440	348	215	105	3,437
Grant	65	248	698	638	613	770	885	944	638	349	161	6,009
Greenbrier	180	743	1,949	1,859	1,937	2,106	2,753	2,803	1,994	1,278	582	18,184
Hampshire	114	510	1,496	1,263	1,255	1,533	1,861	1,773	1,159	633	231	11,828
Hancock	138	620	1,689	1,463	1,677	1,957	2,524	2,411	1,562	1,235	559	15,835
Hardy	64	308	816	772	747	937	1,058	1,017	699	395	134	6,947
Harrison	374	1,543	4,089	3,880	4,128	4,528	5,362	4,946	3,189	2,296	1,116	35,451
Jackson	139	665	1,716	1,638	1,572	1,936	2,263	1,995	1,528	965	369	14,786
Jefferson	275	1,366	3,597	3,622	3,090	3,981	4,225	3,492	1,970	988	448	27,054
Kanawha	1,102	4,190	10,882	10,805	12,105	11,992	15,407	14,860	9,194	6,869	2,932	100,338
Lewis	78	374	885	876	905	1,074	1,269	1,226	864	512	241	8,304
Lincoln	113	513	1,298	1,250	1,278	1,454	1,704	1,555	979	597	176	10,917
Logan	168	731	2,106	1,923	2,224	2,438	2,905	2,940	1,654	1,171	385	18,645
McDowell	115	491	1,146	1,225	1,209	1,350	1,818	1,713	1,072	728	309	11,176
Marion	308	1,212	3,000	3,771	3,461	3,590	4,008	3,978	2,718	1,891	935	28,872
Marshall	183	697	1,908	1,786	1,733	2,023	2,593	2,718	1,654	1,184	474	16,953
Mason	131	655	1,599	1,426	1,813	1,745	2,235	1,972	1,392	908	317	14,193
Mercer	350	1,373	3,478	3,933	3,627	3,810	4,484	4,953	3,144	2,267	1,091	32,510
Mineral	154	535	1,562	1,812	1,466	1,816	2,137	2,090	1,477	830	347	14,226
Mingo	160	654	1,594	1,511	1,705	1,794	2,151	2,100	1,076	715	219	13,679

West Virginia Bureau for Public Health
Health Statistics Center, 2014

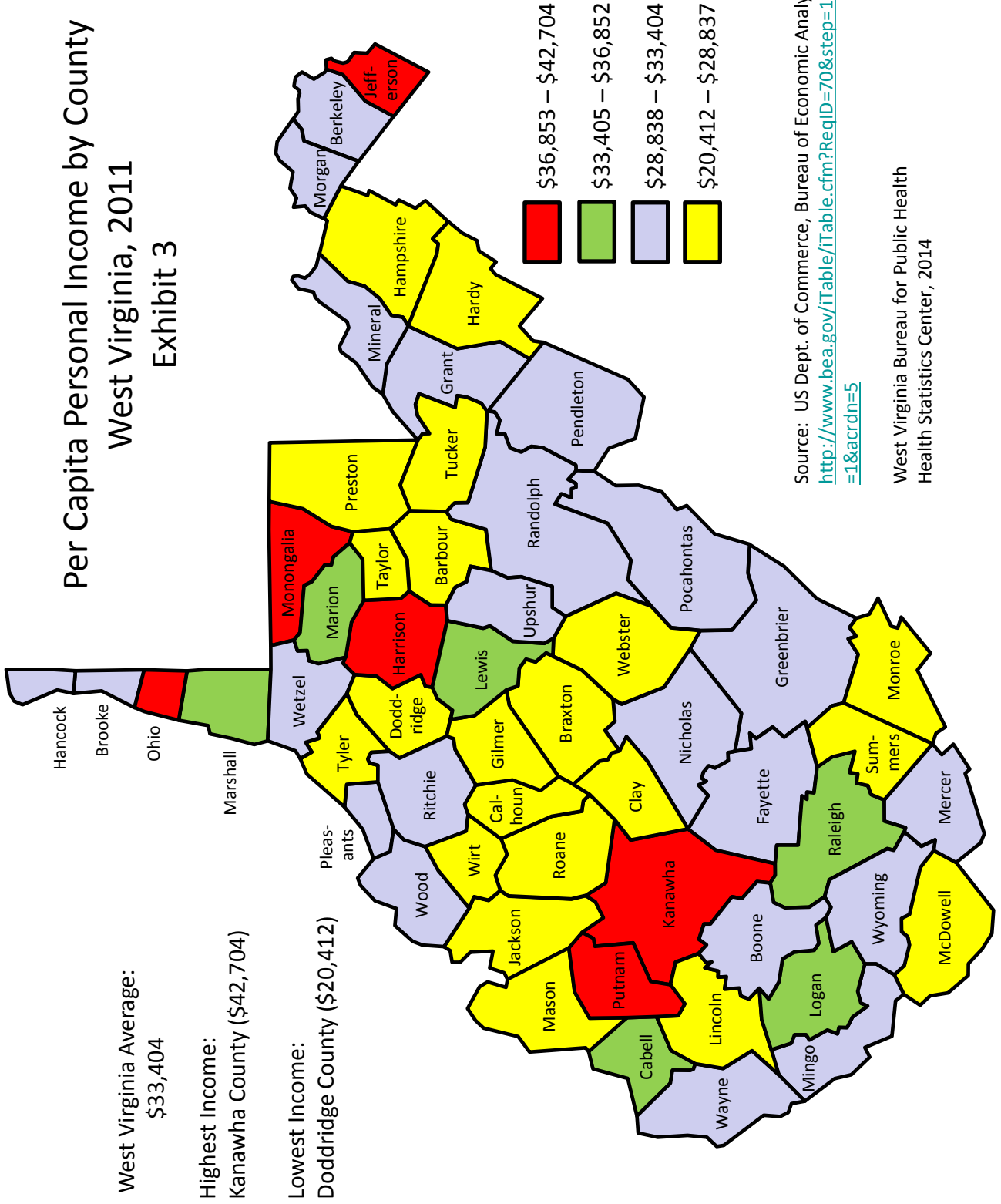
Age Group Distribution by County
West Virginia Population 2010 Census (Females)
Table 3 (Cont'd)

County	Less Than 1 Year	1-4 Years	5-14 Years	15-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years	Total
Monongalia	443	1,736	4,064	13,063	6,478	4,814	5,440	4,917	2,790	1,936	908	46,589
Monroe	71	270	771	705	684	818	1,010	1,082	749	468	194	6,822
Morgan	82	322	1,020	874	858	1,147	1,392	1,393	956	562	186	8,792
Nicholas	160	588	1,402	1,480	1,403	1,758	2,015	2,066	1,325	787	335	13,319
Ohio	227	867	2,309	3,309	2,267	2,522	3,438	3,376	2,105	1,891	967	23,278
Pendleton	41	139	399	367	342	420	599	606	449	306	130	3,798
Pleasants	32	129	396	388	372	491	559	513	321	223	102	3,526
Pocahontas	47	162	426	397	416	499	699	717	452	314	117	4,246
Preston	140	712	1,758	1,743	2,039	2,131	2,429	2,415	1,540	913	402	16,222
Putnam	312	1,323	3,753	2,754	3,356	3,958	4,493	3,920	2,422	1,443	503	28,237
Raleigh	481	1,874	4,354	4,364	4,676	4,864	5,619	5,978	3,538	2,637	1,087	39,472
Randolph	149	593	1,529	1,642	1,425	1,763	2,193	2,105	1,489	894	475	14,257
Ritchie	48	226	593	539	557	665	827	805	522	288	157	5,227
Roane	66	345	907	729	816	973	1,191	1,090	746	464	215	7,542
Summers	61	255	685	739	991	1,058	1,277	1,105	762	531	213	7,677
Taylor	111	353	943	854	960	1,115	1,239	1,207	787	533	244	8,346
Tucker	30	132	362	354	358	434	549	562	427	240	114	3,562
Tyler	44	193	564	479	419	596	759	703	481	344	113	4,695
Upshur	141	559	1,338	1,879	1,257	1,464	1,768	1,676	1,205	741	282	12,310
Wayne	229	951	2,639	2,464	2,457	2,937	3,162	3,034	2,030	1,333	501	21,737
Webster	62	205	485	511	475	599	709	725	445	273	134	4,623
Wetzel	78	322	933	922	820	1,032	1,296	1,226	983	588	244	8,444
Wirt	20	122	324	316	302	384	515	422	269	120	55	2,849
Wood	493	2,015	5,147	5,060	5,082	5,644	6,849	6,314	4,378	2,802	1,225	45,009
Wyoming	120	516	1,428	1,303	1,329	1,507	1,876	1,932	1,028	731	216	11,986
WV Total	9,976	40,784	105,088	115,512	108,804	117,665	139,643	134,198	85,624	57,609	24,505	939,408

Population Density per Square Mile by County West Virginia, 2011 Exhibit 2



Per Capita Personal Income by County West Virginia, 2011 Exhibit 3



Source: US Dept. of Commerce, Bureau of Economic Analysis.
<http://www.bea.gov/itable/itable.cfm?ReqID=70&step=1&isuri=1&acrdn=5>

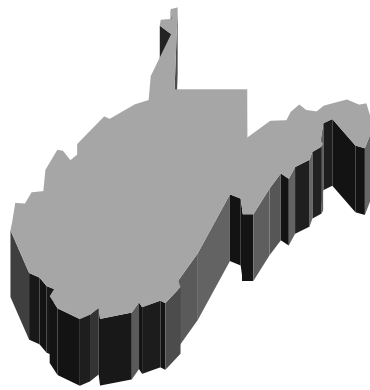
West Virginia Bureau for Public Health
 Health Statistics Center, 2014

Births, Deaths, Natural Increase or Decrease and Net Migration
West Virginia Population, 1950-2011

Table 4

Year	Population	Number of Births	Number of Deaths	Natural Increase or Decrease	Net Migration (+ or -)	Percent Change (%)
1950 - a	2,005,552	50,850	17,459	33,391	42,161	3.91%
1951	1,984,000	50,920	17,058	33,862	(55,414)	-1.07%
1952	1,957,000	49,461	17,174	32,287	(59,287)	-1.36%
1953	1,929,000	46,652	16,685	29,967	(57,967)	-1.43%
1954	1,905,000	46,559	16,150	30,409	(54,409)	-1.24%
1955	1,880,000	44,199	16,712	27,487	(52,487)	-1.31%
1956	1,857,000	44,220	16,920	27,300	(50,300)	-1.22%
1957	1,843,000	44,362	17,808	26,554	(40,554)	-0.75%
1958	1,845,000	44,428	17,665	26,763	(24,763)	0.11%
1959	1,855,000	42,235	17,677	24,558	(14,558)	0.54%
1960 - ab	1,860,421	39,696	18,040	21,656	(16,235)	0.29%
1961	1,828,000	38,866	17,980	20,886	(53,307)	-1.74%
1962	1,809,000	37,269	18,651	18,618	(37,618)	-1.04%
1963	1,796,000	35,573	19,405	16,168	(29,168)	-0.72%
1964	1,797,000	35,653	18,750	16,903	(15,903)	0.06%
1965	1,786,000	31,958	19,121	12,837	(23,837)	-0.61%
1966	1,775,000	30,084	19,339	10,745	(21,745)	-0.62%
1967	1,769,000	29,301	19,257	10,044	(16,044)	-0.34%
1968	1,763,000	29,126	19,647	9,479	(15,479)	-0.34%
1969	1,746,000	28,645	19,696	8,949	(25,949)	-0.96%
1970 - a	1,744,237	30,194	19,924	10,270	(12,033)	-0.10%
1971	1,768,000	31,038	19,619	11,419	12,344	1.36%
1972	1,795,000	29,200	20,583	8,617	18,383	1.53%
1973	1,782,000	27,459	20,020	7,439	(20,439)	-0.72%
1974	1,784,000	27,636	19,395	8,241	(6,241)	0.11%
1975	1,803,000	27,960	19,479	8,481	10,519	1.07%
1976	1,833,000	28,586	19,660	8,926	21,074	1.66%
1977	1,853,000	30,020	19,201	10,819	9,181	1.09%
1978	1,860,000	28,950	19,351	9,599	(2,599)	0.38%
1979	1,878,000	29,726	18,871	10,855	7,145	0.97%
1980 - a	1,949,644	29,438	19,718	9,720	61,924	3.81%
1981	1,954,000	27,810	19,039	8,771	(4,415)	0.22%
1982	1,957,000	27,263	18,796	8,467	(5,467)	0.15%
1983	1,965,000	25,875	19,293	6,582	1,418	0.41%
1984	1,952,000	24,551	19,182	5,369	(18,369)	-0.66%
1985	1,936,000	24,108	19,425	4,683	(20,683)	-0.82%
1986	1,919,000	23,179	19,858	3,321	(20,321)	-0.88%
1987	1,898,000	22,424	19,763	2,661	(23,661)	-1.09%
1988	1,877,000	21,849	19,780	2,069	(23,069)	-1.11%
1989 - c	1,857,000	22,067	19,525	2,542	(22,542)	-1.07%
1990 - a	1,793,477	22,582	19,360	3,222	(66,745)	-3.42%
1991	1,799,000	22,509	19,951	2,558	2,965	0.31%
1992	1,809,000	22,156	19,696	2,460	7,540	0.56%
1993	1,818,000	21,793	20,331	1,462	7,538	0.50%
1994	1,823,000	21,360	19,945	1,415	3,585	0.28%
1995	1,828,000	21,158	20,128	1,030	3,970	0.27%
1996	1,826,000	20,744	20,314	430	(2,430)	-0.11%
1997	1,816,000	20,735	20,872	(137)	(9,863)	-0.55%
1998	1,811,000	20,729	20,764	(35)	(4,965)	-0.28%
1999 - d	1,807,000	20,731	20,993	(262)	(3,738)	-0.22%
2000 - a	1,808,344	20,860	21,127	(267)	1,611	0.07%
2001	1,801,916	20,430	20,978	(548)	(5,880)	-0.36%
2002	1,801,873	20,725	20,999	(274)	231	0.00%
2003	1,810,354	20,986	21,299	(313)	8,794	0.47%
2004	1,815,354	20,911	20,776	135	4,865	0.28%
2005	1,816,856	20,834	20,773	61	1,441	0.08%
2006	1,818,470	20,931	20,649	282	1,332	0.09%
2007	1,812,035	22,017	21,067	950	(7,385)	-0.35%
2008	1,814,468	21,493	21,551	(58)	2,491	0.13%
2009 - e	1,819,777	21,275	21,385	(110)	5,419	0.29%
2010 - a	1,852,994	20,471	21,278	(807)	34,024	1.83%
2011 - f	1,855,364	20,705	21,870	(1,165)	3,535	0.13%

a. Population enumerated as of April 1 of the specified year. (US Department of Commerce, Bureau of the Census)
b. Source of population data 1950 through 1959: US Department of Health, Education and Welfare, Public Health Service, Vital Statistics Rates of the United States, 1940-1960.
c. Source of population data 1961 through 1989: US Department of Commerce, Bureau of the Census, Current Population Reports. Series P-25 and P-26.
d. Source of population data 1991 through 1999: Regional Research Institute, WVU and US Bureau of the Census.
e. Source of population data 2001 through 2009: http://www.census.gov/popest/counties/CO-EST2009-popchg2000_2009.html
f. Source of population data 2011: http://www.census.gov/popest/counties/CO-EST2011-popchg2010_2011.html

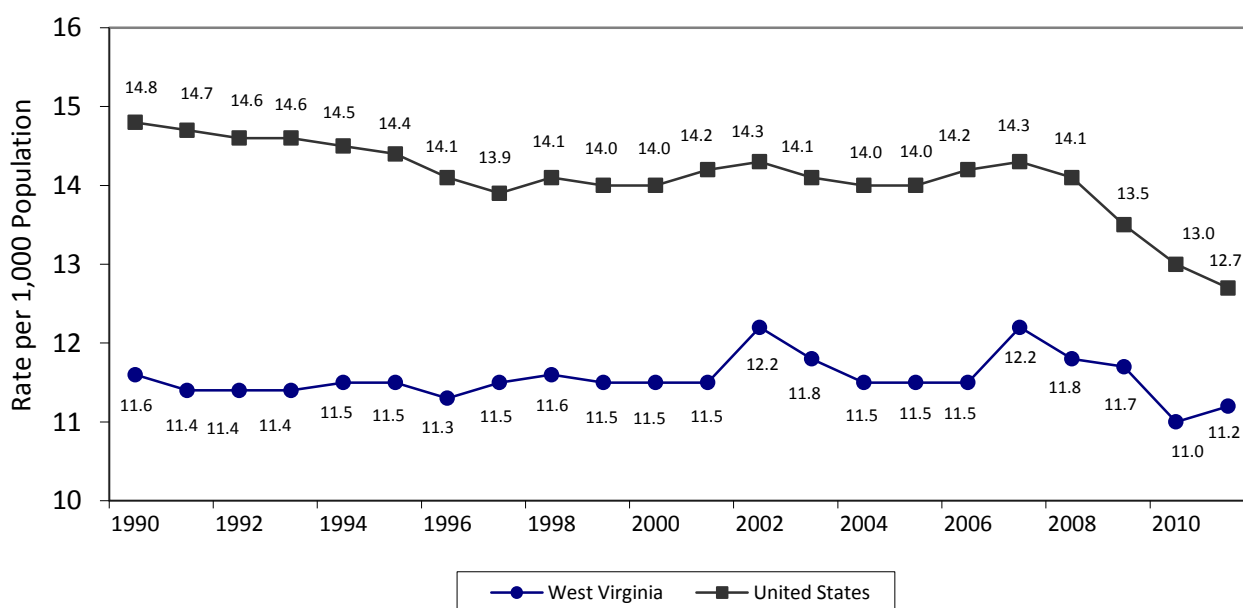


West Virginia Vital Statistics
Births

Birth Summary

West Virginia's resident live births increased by 234 or 1.1%, from 20,471 in 2010 to 20,705 in 2011. The 2011 birth rate increased 1.8%, from 11.0 per 1,000 population in 2010 to 11.2. The U.S. 2011 birth rate was 12.7 live births per 1,000 population, decreasing 2.3% from the 2010 rate of 13.0. As the graph below shows, West Virginia's birth rate has been well below the national rate since 1990. It continued its overall decline until 1996 and remained relatively stable from 1996 to 2006 and 2008 with a slight increase in 2007.

West Virginia and United States Birth Rates
1990-2011



The 2011 U.S. fertility rate of 63.2 live births per 1,000 women aged 15-44 was lower (1.4%) than the 2010 rate (64.1). West Virginia's fertility rate increased 1.3%, from 59.9 in 2010 to 60.7 in 2011. A comparison of West Virginia and United States age-specific fertility rates is displayed below:

Fertility Rates* by Age Group West Virginia and United States, 2010					
15-19		20-44		Total (15-44)	
WV	U.S.**	WV	U.S.**	WV	U.S.**
43.0	31.3	63.9	69.5	60.7	63.2

* All fertility rates were calculated using 2010 Census, U.S. Department of Commerce, Bureau of the Census.

**National Center for Health Statistics, http://www.cdc.gov/nchs/data/nvsr/nvsr62/nvsr62_01.pdf

The fertility rate among women aged 15-19 in West Virginia was 37.4% higher than that among young women in the U.S. (43.0 vs. 31.3). The fertility rate among women aged 20-44 was lower by 8.1% in the state than in the nation (63.9 vs.69.5).

The number of births to teen mothers (ages 10-19) decreased by 154 (5.9%), from 2,616 in 2010 to 2,462 in 2011. The percentage of total births represented by teen births was lower in 2011 than 2010 (11.9% vs. 12.8%). The lower fertility rate among older women, however, resulted in teenage births continuing to constitute a higher proportion of total births than was found nationally (8.4% in 2011).

The percentage of births occurring out of wedlock has risen every year for quite some time. However, it was slightly lower in 2011 than 2010. More than two of every five (43.8%) West Virginia resident births were to unwed mothers, compared to 43.9% in 2010. The percentages of white and black births that occurred out of wedlock in West Virginia in 2011 were 42.8% and 76.5%, respectively, compared to 43.0% and 73.7% in 2010. In the United States in 2011, 35.7% of births to white mothers (non-Hispanic) and 71.8% of births to black mothers (non-Hispanic) occurred out of wedlock. The percentage of teen births to unmarried teen mothers in the state also increased from 83.2% in 2010 to 83.8% in 2011.

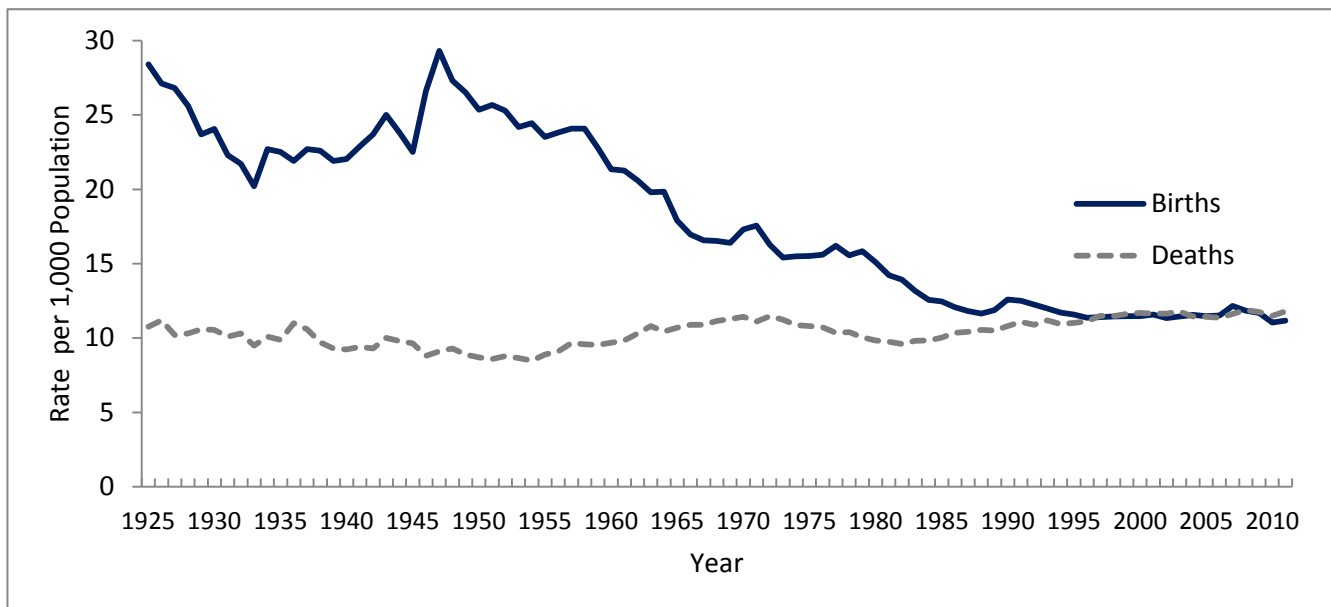
There was a total of 1,986 low birthweight babies (those weighing less than 2,500 grams or 5½ pounds) born to West Virginia residents in 2011, 9.6% of all births. Of the 1,986 low birthweight infants, 1,348 or 68.0% were preterm babies born before 37 weeks of gestation. (Of all 2011 resident births with a known gestational age, 11.3% were preterm babies.) In 2011, 9.5% of babies born to white mothers and 12.2% of babies born to black mothers were low birthweight. Nationally, 8.1% of all infants weighed less than 2,500 grams at birth in 2011; 7.1% of births to white mothers and 13.0% of births to black mothers were of low birthweight.

In 2011, 83.7% of West Virginia mothers with known prenatal care began their care during the first trimester of pregnancy, compared with 83.2% of mothers nationwide in 2006 (the latest reliable data available). Among those with known prenatal care, 84.1% of white mothers began care during the first trimester; 73.5% of black mothers did so. (U.S. figures show that 88.1% of white mothers and 76.1% of black mothers had first trimester care.) No prenatal care was received by 0.5% of white mothers and 1.3% of black mothers.

Over one-fourth (26.1%) of the births in 2011 were to mothers who smoked during their pregnancies, while 0.3% of births were to women who reported using alcohol. National figures from 2010 show that 9.2% of women giving birth reported smoking during pregnancy; 0.8% used alcohol in 2004 (the latest data available). Among the state mothers who reported smoking during pregnancy, 14.7% of the babies born were low birthweight, compared with 7.7% among non-smoking mothers. Over one-third (37.0%) of 2011 state births were delivered by Cesarean section, compared with a national rate of 32.8%. One or more complications of labor and/or delivery were reported for 33.9% of deliveries in the state in 2011.

The statistics presented in this publication refer to resident data unless otherwise indicated. A resident birth is determined by the residence of the mother when she gives birth, i.e., if she lives in West Virginia. An occurrence birth is determined by where the mother gives birth. If a mother lives in West Virginia but gives birth in Pennsylvania, that is defined as a West Virginia resident birth and will be included as part of West Virginia's resident statistics; however, it is considered a Pennsylvania occurrence.

Number and Rate of Resident Births (Compared to Deaths)
West Virginia, 1925-2011
Exhibit 4



Year	Births		Deaths	
	Number of Live Births	Rate per 1,000 Population	Number of Deaths	Rate per 1,000 Population
1925	45,240	28.4	17,132	10.8
1930	41,614	24.1	18,220	10.5
1935	41,775	22.5	18,342	9.9
1940	41,900	22.0	17,577	9.2
1945	38,446	22.5	16,464	9.6
1950	50,850	25.4	17,459	8.7
1955	44,199	23.5	16,712	8.9
1960	39,696	21.3	18,040	9.7
1965	31,958	17.9	19,121	10.7
1970	30,194	17.3	19,924	11.4
1975	27,960	15.5	19,479	10.8
1980	29,438	15.1	19,178	9.8
1985	24,108	12.5	19,425	10.0
1990	22,582	12.6	19,360	10.8
1995	21,158	11.6	20,128	11.0
2000	20,860	11.5	21,127	11.7
2005	20,834	11.5	20,773	11.4
2010	20,471	11.0	21,278	11.5
2011	20,705	11.2	21,870	11.8

Summary Totals
West Virginia Resident Births, 2011
Table 5

Characteristic	Number	Percent	Characteristic	Number	Percent
Total	20,705	100.0%	<u>Mother's Marital Status</u>		
<u>Gender</u>			White or Caucasian	11,240	57.2%
Male	10,745	51.9%	Married	8,395	42.8%
Female	9,960	48.1%	Not Married	9	
Unknown	0		Unknown		
<u>Race of Mother</u>			Black or African American	167	23.5%
White or Caucasian	19,644	95.0%	Married	545	76.5%
Black or African American	713	3.4%	Not Married	1	
All Other Races	331	1.6%	Unknown		
Unknown	17		All Other Races		
<u>Attendant at Birth</u>			Married	216	65.5%
Physician	17,764	86.3%	Not Married	114	34.5%
Certified Nurse Midwife	2,687	13.1%	Unknown	1	
Certified Professional Midwife	50	0.2%	Unknown	9	64.3%
Lay Midwife	27	0.1%	Married	5	35.7%
EMT/Paramedic	10	0.0%	Not Married		
Other	45	0.2%	Unknown	3	
Unknown	122		<u>Method of Delivery</u>		
<u>Place of Birth</u>			Vaginal	12,155	60.8%
Hospital	20,304	99.2%	Vaginal after Previous Cesarean Section	431	2.2%
Home	120	0.6%	Cesarean Section	7,401	37.0%
Freestanding Birthing Center	20	0.1%	Primary	4,200	21.0%
En Route to Hospital	12	0.1%	Repeat	3,201	16.0%
Doctor's Office	0	0.0%	<u>One or More Reported Factors</u>		
Other Specified Address (Not Home)	6	0.0%	Medical Risk Factors	9,171	44.6%
Unknown	243		Complications of Labor and/or Delivery	6,984	33.9%
<u>Mother's Smoking Status</u>			Congenital Malformations	331	1.6%
Smoked During Pregnancy	5,389	26.1%	Abnormal Conditions of the Newborn	2,136	10.5%

Percentages are calculated excluding unknown.

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Birthweight by Age of Mother
West Virginia Resident Births, 2011
Table 6

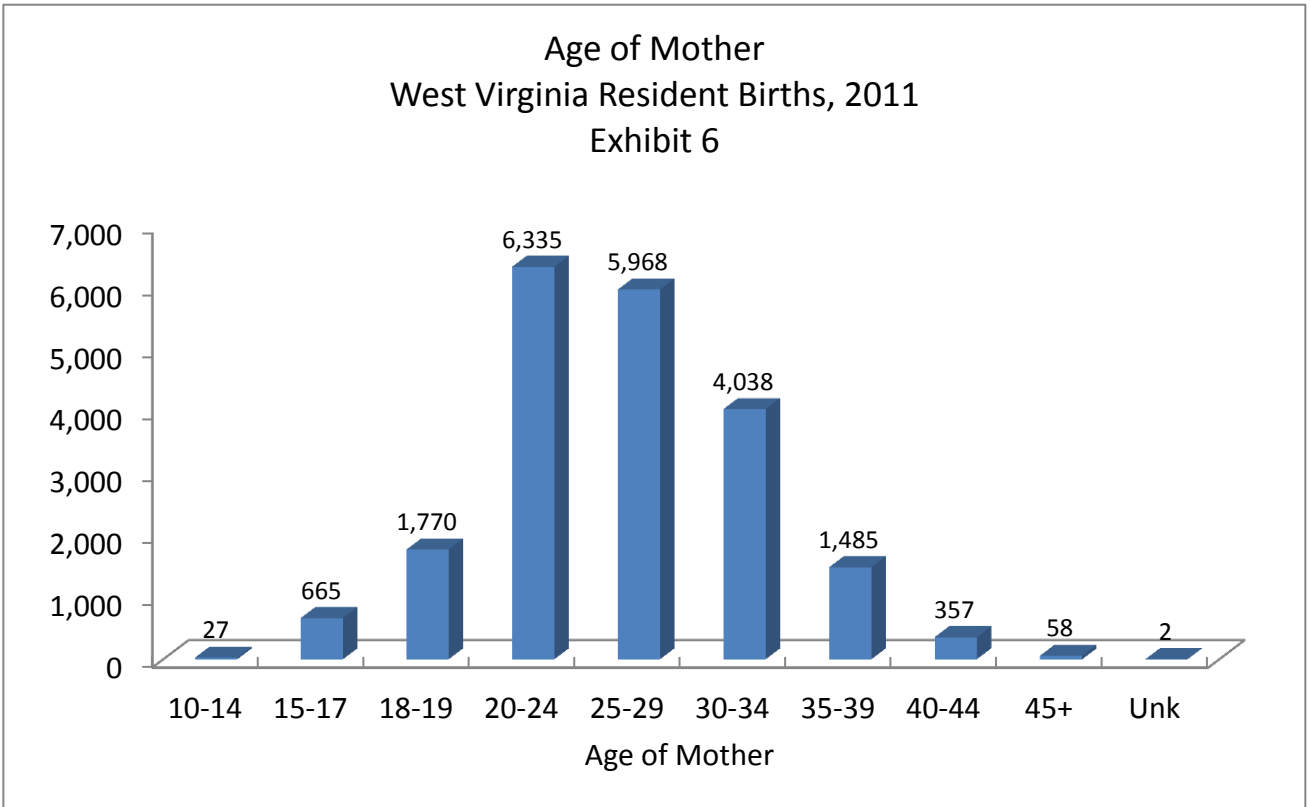
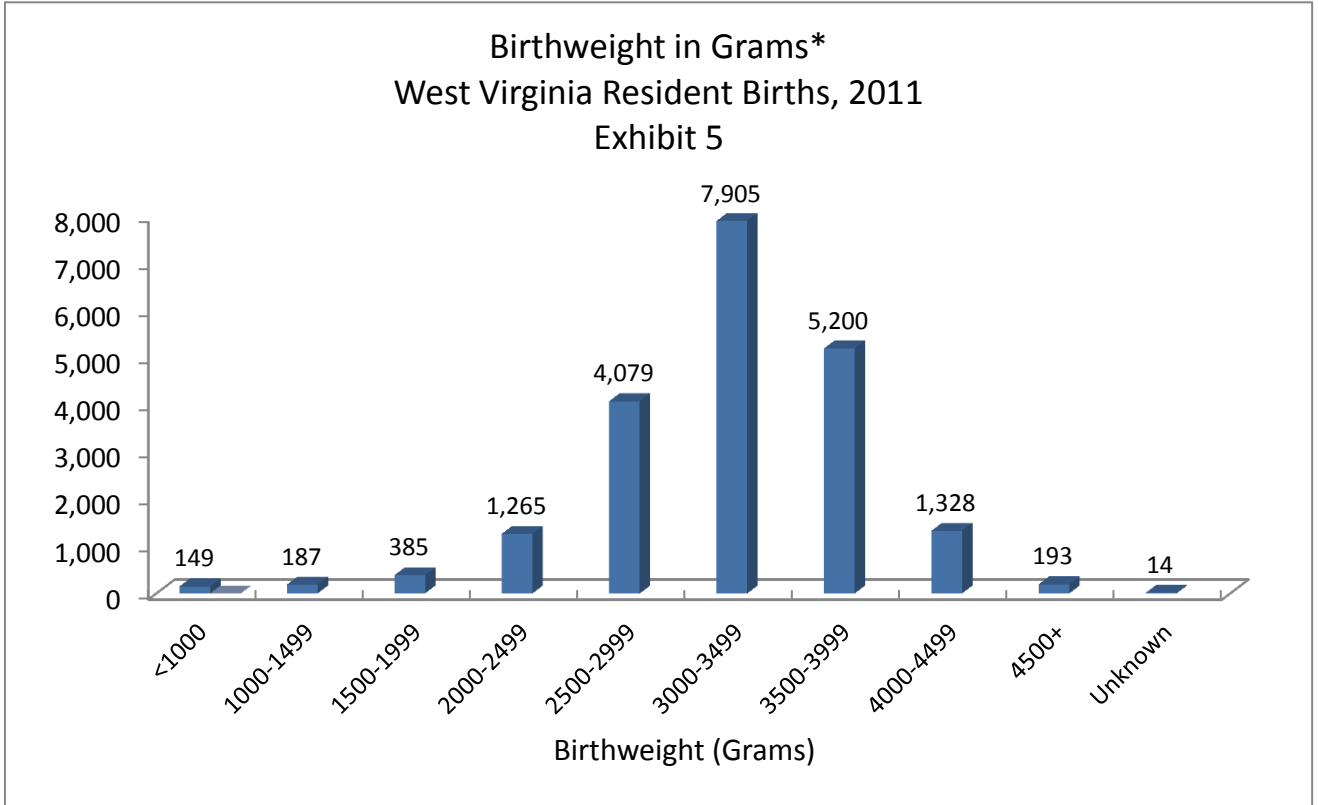
Birthweight	Age of Mother										Total
	10-14 Years	15-17 Years	18-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45 and Over	Unknown	
Less than 1,000 Grams (Less than 2.205 lbs.)	0	6	14	39	37	31	15	5	2	0	149
1,000 - 1,499 Grams (2.205 - 3.305 lbs.)	1	11	15	56	40	36	17	2	8	1	187
1,500 - 1,999 Grams (3.307 - 4.407 lbs.)	0	12	28	114	115	65	39	12	0	0	385
2,000 - 2,499 Grams (4.409 - 5.509 lbs.)	2	38	113	406	338	232	95	31	10	0	1,265
2,500 - 2,999 Grams (5.512 - 6.612 lbs.)	7	179	402	1,376	1,107	658	260	74	16	0	4,079
3,000 - 3,499 Grams (6.614 - 7.714 lbs.)	11	262	721	2,510	2,230	1,507	530	119	14	1	7,905
3,500 - 3,999 Grams (7.716 - 8.816 lbs.)	6	138	396	1,459	1,563	1,153	396	82	7	0	5,200
4,000 - 4,499 Grams (8.819 - 9.919 lbs.)	0	16	74	334	464	313	101	25	1	0	1,328
4,500 or more Grams (9.921 or more lbs.)	0	2	7	38	69	41	31	5	0	0	193
Unknown	0	1	0	3	5	2	1	2	0	0	14
Total	27	665	1,770	6,335	5,968	4,038	1,485	357	58	2	20,705

Selected Factors by Birthweight of Infant
West Virginia Resident Births, 2011
Table 7

Factor	Very Low Birthweight <1,500 Grams		Moderately Low Birthweight 1,500-2,499 Grams		Normal Birthweight 2,500+ Grams		Unknown Birthweight	Total
	Number	Percent	Number	Percent	Number	Percent		
Total Births	336	1.6%	1,650	8.0%	18,705	90.4%	14	20,705
Maternal Age								
< 20 Years	47	1.9%	193	7.8%	2,221	90.2%	1	2,462
< 15 Years	1	3.7%	2	7.4%	24	88.9%	0	27
Maternal Race								
White or Caucasian	314	1.6%	1,558	7.9%	17,763	90.5%	9	19,644
Black or African American	20	2.8%	67	9.4%	626	87.8%	0	713
All Other Races	2	0.6%	24	7.3%	305	92.1%	0	331
Unknown	0	0.0%	1	8.3%	11	91.7%	5	17
Entry Into Prenatal Care								
First Trimester	263	1.6%	1,255	7.4%	15,437	91.0%	3	16,958
Second Trimester	41	1.5%	265	9.8%	2,402	88.7%	3	2,711
Third Trimester	9	1.8%	66	13.5%	413	84.6%	0	488
No Prenatal Care	5	4.5%	16	14.4%	90	81.1%	0	111
Unknown	18	4.2%	48	11.2%	363	84.6%	8	437
Gestational Age								
< 32 Weeks	276	75.6%	82	22.5%	7	1.9%	3	368
32-36 Weeks	56	2.9%	934	47.7%	970	49.5%	0	1,960
37-38 Weeks	3	0.1%	456	8.2%	5,107	91.8%	1	5,567
39+ Weeks	1	0.0%	177	1.4%	12,609	98.6%	3	12,790
Unknown	0	0.0%	1	7.7%	12	92.3%	7	20
Mother's Education Level								
8 Years or Less	4	1.2%	37	10.7%	304	88.1%	0	345
9-11 Years (No High School Diploma)	60	1.9%	330	10.6%	2,727	87.5%	2	3,119
12 Years (High School or GED)	120	1.7%	675	9.3%	6,437	89.0%	5	7,237
13-15 Years (Some College or Associates Degree)	68	1.4%	304	6.4%	4,406	92.2%	1	4,779
16+ Years (Bachelor's Degree or Higher)	71	1.4%	259	5.3%	4,584	93.3%	0	4,914
Unknown	13	4.3%	45	14.8%	247	81.0%	6	311
Mother's Marital Status								
Married	164	1.4%	785	6.7%	10,681	91.8%	2	11,632
Not Married	172	1.9%	865	9.6%	8,013	88.5%	9	9,059
Unknown	0	0.0%	0	0.0%	11	100.0%	3	14

Percentages are calculated excluding unknown birthweight

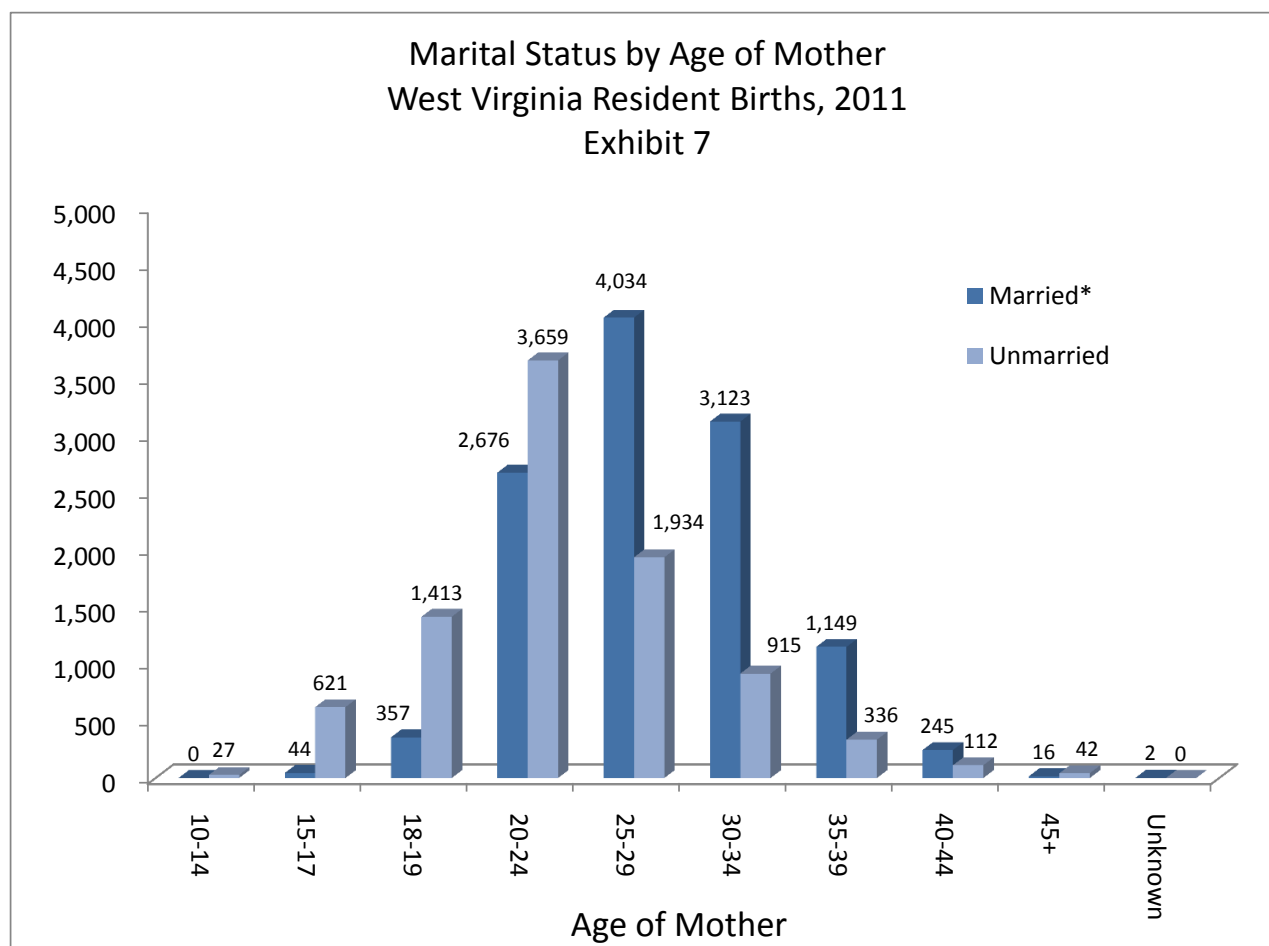
West Virginia Bureau for Public Health
Health Statistics Center, 2014



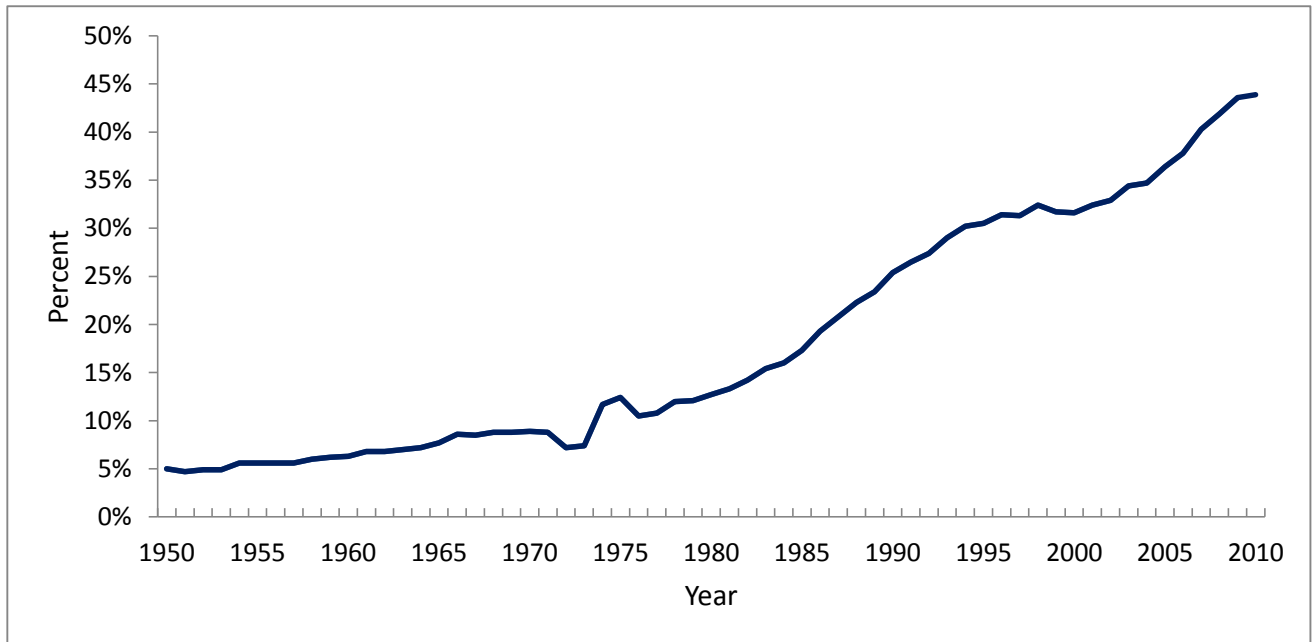
**Marital Status by Age of Mother
West Virginia Resident Births, 2007-2011**

Table 8

Age of Mother	2007		2008		2009		2010		2011	
	Married*	Un-married	Married*	Un-married	Married*	Un-married	Married*	Un-married	Married*	Un-married
10-14	0	31	0	26	1	21	0	21	0	27
15-17	74	655	79	700	77	733	59	631	44	621
18-19	452	1,525	465	1,511	457	1,561	382	1,523	357	1,413
20-24	3,123	3,612	2,931	3,636	2,834	3,730	2,631	3,637	2,676	3,659
25-29	4,679	1,854	4,429	1,934	4,121	1,941	3,982	1,836	4,034	1,934
30-34	3,207	785	2,999	811	3,034	840	2,986	845	3,123	915
35-39	1,325	299	1,323	286	1,252	313	1,173	358	1,149	336
40-44	278	91	252	82	214	84	263	101	245	112
45+	9	16	13	16	23	37	25	16	16	42
Unknown	1	1	0	0	2	0	0	2	2	0
WV Total	13,148	8,869	12,491	9,002	12,015	9,260	11,501	8,970	11,646	9,059

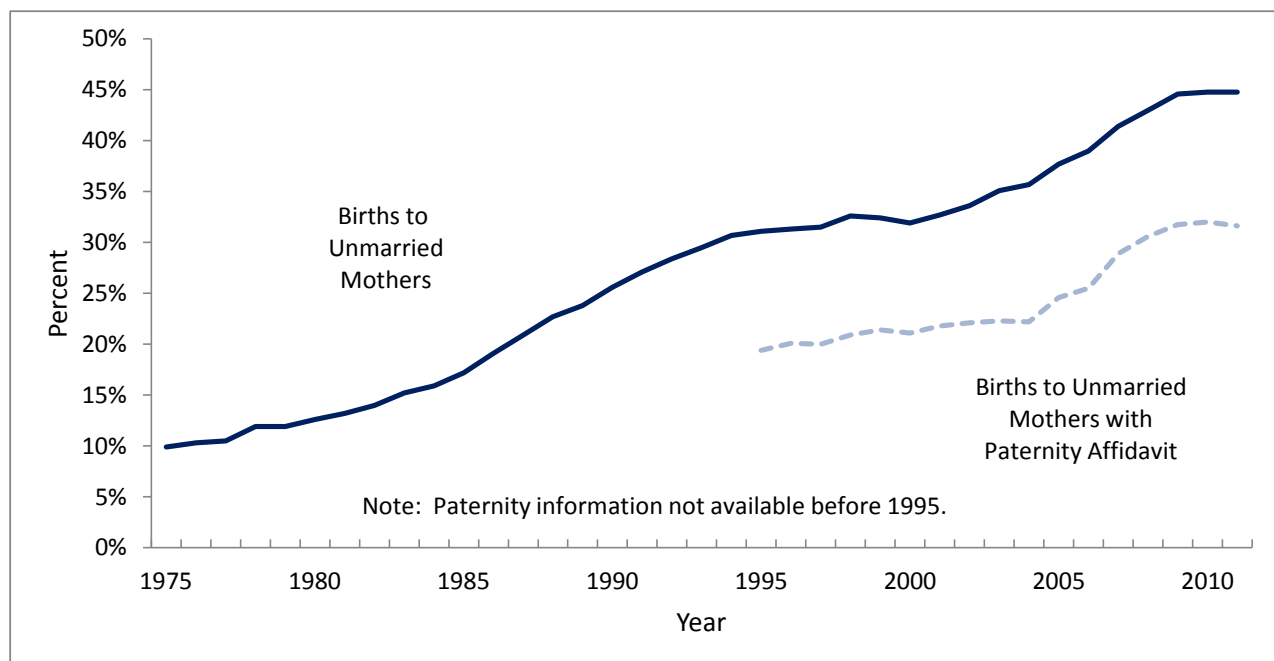


Percent of Births to Unmarried Mothers
West Virginia Residents, 1950-2011
Exhibit 8



Year	Resident Births to Unmarried Mothers	
	Number	Percent of Total Births
1950	2,519	5.0%
1955	2,472	5.6%
1960	2,485	6.3%
1965	2,464	7.7%
1970	2,699	8.9%
1975	3,471	12.4%
1980	3,743	12.7%
1985	4,159	17.3%
1990	5,739	25.4%
1995	6,462	30.5%
2000	6,595	31.6%
2005	7,589	36.4%
2010	8,970	43.9%
2011	9,059	43.8%

Percent of Births to Unmarried Mothers and
 Unmarried Mothers with Paternity Affidavit
 West Virginia Occurrence Births, 1975-2011
 Exhibit 9



Year	Occurrence Births to Unmarried Mothers		Occurrence Births to Unmarried Mothers with Father Established Through Paternity Affidavit	
	Number	Percent of Total Births	Number	Percent of Total Births
1975	2,767	9.9%	N/A	N/A
1980	3,786	12.6%	N/A	N/A
1985	4,354	17.2%	N/A	N/A
1990	6,046	25.6%	N/A	N/A
1995	6,890	31.1%	4,300	19.4%
1996	6,820	31.3%	4,368	20.1%
1997	6,822	31.5%	4,340	20.0%
1998	7,035	32.6%	4,512	20.9%
1999	6,919	32.4%	4,578	21.4%
2000	6,904	31.9%	4,563	21.1%
2001	6,874	32.7%	4,573	21.8%
2002	7,110	33.6%	4,680	22.1%
2003	7,545	35.1%	4,796	22.3%
2004	7,616	35.7%	4,736	22.2%
2005	7,964	37.7%	5,199	24.6%
2010	9,289	44.8%	6,638	32.0%
2011	9,383	44.8%	6,624	31.6%

Selected Factors by Race of Mother
West Virginia Resident Births, 2011

Table 9

Factor	White or Caucasian		Black or African American		All Other Races		Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
	Total Births	19,644		713		331		17		20,705
<u>Low Birthweight (< 2,500 Grams)</u>	1,872	9.5%	87	12.2%	26	7.9%	1		1,986	9.6%
<u>Maternal Age</u>										
Mothers < 20 Years	2,312	11.8%	117	16.4%	32	9.7%	1		2,462	11.9%
Mothers < 15 Years	22	0.1%	4	0.6%	1	0.3%	0		27	0.1%
<u>Entry Into Prenatal Care</u>										
First Trimester	16,176	84.1%	517	73.5%	259	79.2%	6		16,958	83.7%
Second Trimester	2,502	13.0%	155	22.0%	53	16.2%	1		2,711	13.4%
Third Trimester	452	2.4%	22	3.1%	14	4.3%	0		488	2.4%
No Prenatal Care	101	0.5%	9	1.3%	1	0.3%	0		111	0.5%
Unknown	413		10		4		10		437	
<u>Gestational Age</u>										
< 32 Weeks	344	1.8%	21	3.0%	3	0.9%	0		368	1.8%
32-36 Weeks	1,864	9.5%	68	9.6%	25	7.6%	3		1,960	9.5%
37-38 Weeks	5,265	26.8%	214	30.1%	83	25.1%	5		5,567	26.9%
39+ Weeks	12,159	61.9%	407	57.3%	220	66.5%	4		12,790	61.8%
Unknown	12		3		0		5		20	
<u>Place of Birth</u>										
Hospital*	19,303	99.4%	700	99.7%	319	99.4%	14		20,336	99.4%
Non-Hospital	122	0.6%	2	0.3%	2	0.6%	0		126	0.6%
Unknown	219		11		10		3		243	

West Virginia Bureau for Public Health
Health Statistics Center, 2014

*Includes hospitals, en route to hospital and birthing centers.
Percentages in each category are calculated as a total for that race excluding unknown.

Prenatal Care by Mother's Race, Marital Status and Education
West Virginia Resident Births, 2011
Table 10

Birth Characteristics	Time Prenatal Care Began										Total
	First Trimester		Second Trimester		Third Trimester		No Care		Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
Mother's Race: All Races	16,958	83.7%	2,711	13.4%	488	2.4%	111	0.5%	437	20,705	
<u>Mother's Marital Status</u>											
Married	10,127	88.7%	1,077	9.4%	189	1.7%	29	0.3%	210	11,632	
Not Married	6,824	77.2%	1,632	18.5%	298	3.4%	82	0.9%	223	9,059	
Unknown	7	70.0%	2	20.0%	1	10.0%	0	0.0%	4	14	
<u>Mother's Educational Level</u>											
8 Years or Less	229	69.8%	73	22.3%	22	6.7%	4	1.2%	17	345	
9-11 Years (No High School Diploma)	2,285	75.5%	603	19.9%	122	4.0%	15	0.5%	94	3,119	
12 Years (High School or GED)	5,743	81.3%	1,110	15.7%	170	2.4%	39	0.6%	175	7,237	
13-15 Years (Some College or Associates Degree)	4,056	86.2%	535	11.4%	92	2.0%	20	0.4%	76	4,779	
16+ Years (Bachelor's Degree or Higher)	4,482	92.3%	308	6.3%	56	1.2%	11	0.2%	57	4,914	
Unknown	163	55.6%	82	28.0%	26	8.9%	22	7.5%	18	311	
Mother's Race: White or Caucasian	16,176	84.1%	2,502	13.0%	452	2.4%	101	0.5%	413	19,644	
<u>Mother's Marital Status</u>											
Married	9,808	88.9%	1,027	9.3%	175	1.6%	27	0.2%	203	11,240	
Not Married	6,363	77.7%	1,473	18.0%	276	3.4%	74	0.9%	209	8,395	
Unknown	5	62.5%	2	25.0%	1	12.5%	0	0.0%	1	9	
<u>Mother's Educational Level</u>											
8 Years or Less	217	70.0%	67	21.6%	22	7.1%	4	1.3%	16	326	
9-11 Years (No High School Diploma)	2,165	75.8%	559	19.6%	118	4.1%	14	0.5%	92	2,948	
12 Years (High School or GED)	5,508	81.9%	1,022	15.2%	161	2.4%	35	0.5%	167	6,893	
13-15 Years (Some College or Associates Degree)	3,883	86.9%	490	11.0%	79	1.8%	18	0.4%	74	4,544	
16+ Years (Bachelor's Degree or Higher)	4,249	92.6%	286	6.2%	47	1.0%	8	0.2%	53	4,643	
Unknown	154	55.2%	78	28.0%	25	9.0%	22	7.9%	11	290	

West Virginia Bureau for Public Health
Health Statistics Center, 2014
Percentages are calculated excluding unknown.

Prenatal Care by Mother's Race, Marital Status and Education
West Virginia Resident Births, 2011
Table 10 (Cont'd)

Birth Characteristics	Time Prenatal Care Began										Total
	First Trimester		Second Trimester		Third Trimester		No Care		Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
Mother's Race: Black or African American	517	73.5%	155	22.0%	22	3.1%	9	1.3%	10	713	
<u>Mother's Marital Status</u>											
Married	135	81.3%	23	13.9%	6	3.6%	2	1.2%	1	167	
Not Married	381	71.1%	132	24.6%	16	3.0%	7	1.3%	9	545	
Unknown	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	1	
<u>Mother's Educational Level</u>											
8 Years or Less	6	54.5%	5	45.5%	0	0.0%	0	0.0%	0	11	
9-11 Years (No High School Diploma)	94	71.8%	34	26.0%	2	1.5%	1	0.8%	1	132	
12 Years (High School or GED)	182	69.7%	70	26.8%	5	1.9%	4	1.5%	5	266	
13-15 Years (Some College or Associates Degree)	120	72.7%	33	20.0%	10	6.1%	2	1.2%	1	166	
16+ Years (Bachelor's Degree or Higher)	108	87.1%	9	7.3%	5	4.0%	2	1.6%	3	127	
Unknown	7	63.6%	4	36.4%	0	0.0%	0	0.0%	0	11	
Mother's Race: All Other Races	259	79.2%	53	16.2%	14	4.3%	1	0.3%	4	331	
<u>Mother's Marital Status</u>											
Married	180	84.1%	26	12.1%	8	3.7%	0	0.0%	2	216	
Not Married	78	69.6%	27	24.1%	6	5.4%	1	0.9%	2	114	
Unknown	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	1	
<u>Mother's Educational Level</u>											
8 Years or Less	6	85.7%	1	14.3%	0	0.0%	0	0.0%	1	8	
9-11 Years (No High School Diploma)	26	68.4%	10	26.3%	2	5.3%	0	0.0%	1	39	
12 Years (High School or GED)	50	69.4%	18	25.0%	4	5.6%	0	0.0%	1	73	
13-15 Years (Some College or Associates Degree)	52	77.6%	12	17.9%	3	4.5%	0	0.0%	0	67	
16+ Years (Bachelor's Degree or Higher)	124	87.9%	12	8.5%	4	2.8%	1	0.7%	1	142	
Unknown	1	50.0%	0	0.0%	1	50.0%	0	0.0%	0	2	

Percentages are calculated excluding unknown.

Births by Method of Delivery
Number and Percent by Facility of Occurrence
West Virginia, 2011
Table 11

Hospital	Method of Delivery										Un- known	
	Total	Vaginal		Vaginal after Cesarean Section		Total		Primary		Repeat		
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number		Percent
Bluefield Regional Medical Center	617	398	65.2%	6	1.0%	206	33.8%	103	16.9%	103	16.9%	7
Braxton County Memorial Hospital	4	3	75.0%	0	0.0%	1	25.0%	1	25.0%	0	0.0%	0
C.A.M.C. - Women & Children's Hospital	2,961	1,678	56.7%	3	0.1%	1,280	43.2%	742	25.1%	538	18.2%	0
Cabell-Huntington Hospital	2,501	1,477	59.1%	12	0.5%	1,011	40.4%	567	22.7%	444	17.8%	1
Camden-Clark Medical Center Memorial Campus	1,397	832	59.6%	7	0.5%	558	39.9%	318	22.8%	240	17.2%	0
City Hospital	914	675	73.9%	0	0.0%	239	26.1%	113	12.4%	126	13.8%	0
Davis Memorial Hospital	332	215	65.0%	1	0.3%	115	34.7%	57	17.2%	58	17.5%	1
Fairmont General Hospital	443	316	71.3%	5	1.1%	122	27.5%	72	16.3%	50	11.3%	0
Grant Memorial Hospital	226	120	53.1%	0	0.0%	106	46.9%	59	26.1%	47	20.8%	0
Greenbrier Valley Hospital	584	452	77.5%	13	2.2%	118	20.2%	67	11.5%	51	8.7%	1
Hampshire Memorial Hospital	1	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Jefferson Memorial Hospital	293	208	71.0%	2	0.7%	83	28.3%	45	15.4%	38	13.0%	0
Logan Regional Medical Center	317	144	46.6%	2	0.6%	163	52.8%	104	33.7%	59	19.1%	8
Monongalia General Hospital	1,002	660	66.3%	2	0.2%	334	33.5%	204	20.5%	130	13.1%	6
Ohio Valley Medical Center	266	175	66.3%	4	1.5%	85	32.2%	44	16.7%	41	15.5%	2
Pleasant Valley Hospital	210	109	51.9%	4	1.9%	97	46.2%	44	21.0%	53	25.2%	0
Pocahontas Memorial Hospital	2	2	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Preston Memorial Hospital	32	26	81.3%	0	0.0%	6	18.8%	4	12.5%	2	6.3%	0
Princeton Community Hospital	635	377	61.0%	3	0.5%	238	38.5%	150	24.3%	88	14.2%	17
Raleigh General Hospital	1,449	1,013	69.9%	17	1.2%	419	28.9%	217	15.0%	202	13.9%	0
Reynolds Memorial Hospital	91	50	54.9%	1	1.1%	40	44.0%	26	28.6%	14	15.4%	0
Roane General Hospital	2	2	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
St. Joseph's Hospital (Buckhannon)	288	226	80.1%	5	1.8%	51	18.1%	31	11.0%	20	7.1%	6
St. Joseph's Hospital (Parkersburg)	192	131	68.6%	5	2.6%	55	28.8%	30	15.7%	25	13.1%	1
St. Mary's Medical Center	425	288	67.8%	4	0.9%	133	31.3%	77	18.1%	56	13.2%	0
Stonewall Jackson Memorial Hospital	350	213	61.0%	3	0.9%	133	38.1%	76	21.8%	57	16.3%	1
Summersville Memorial Hospital	319	198	62.1%	0	0.0%	121	37.9%	77	24.1%	44	13.8%	0
Thomas Memorial Hospital	1,000	455	45.5%	1	0.1%	544	54.4%	277	27.7%	267	26.7%	0
United Hospital Center	897	582	64.9%	15	1.7%	300	33.4%	157	17.5%	143	15.9%	0
WVU Hospitals, Inc.	1,367	795	58.8%	37	2.7%	521	38.5%	319	23.6%	202	14.9%	14
Weirton Medical Center	386	224	58.0%	0	0.0%	162	42.0%	91	23.6%	71	18.4%	0
Welch Community Hospital	44	26	59.1%	0	0.0%	18	40.9%	9	20.5%	9	20.5%	0
Wetzel County Hospital	2	2	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Wheeling Hospital	1,141	631	55.3%	8	0.7%	502	44.0%	313	27.4%	189	16.6%	0
Williamson Memorial Hospital	104	25	24.0%	0	0.0%	79	76.0%	17	16.3%	62	59.6%	0
WomenCare, Inc.	20	20	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
----- Non-Hospital	145	139	96.5%	5	3.5%	0	0.0%	0	0.0%	0	0.0%	1
West Virginia Total Occurrences	20,959	12,888	61.7%	165	0.8%	7,840	37.5%	4,411	21.1%	3,429	16.4%	66

Percentages are calculated excluding unknown.

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Full-Term Births (39 or More Weeks Gestation) by Method of Delivery
Number and Percent by Facility of Occurrence
West Virginia, 2011
Table 12

Hospital	Method of Delivery										Un- known	
	Total	Vaginal		Vaginal after Cesarean Section		Total		Primary Cesarean Section		Repeat Cesarean Section		
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number		Percent
Bluefield Regional Medical Center	266	183	69.6%	5	1.9%	75	28.5%	35	13.3%	40	15.2%	3
Braxton County Memorial Hospital	1	0	0.0%	0	0.0%	1	100.0%	1	100.0%	0	0.0%	0
C.A.M.C. - Women & Children's Hospital	1,582	986	62.3%	3	0.2%	593	37.5%	334	21.1%	259	16.4%	0
Cabell-Huntington Hospital	1,347	858	63.7%	5	0.4%	483	35.9%	257	19.1%	226	16.8%	1
Camden-Clark Medical Center Memorial Campus	711	423	59.5%	5	0.7%	283	39.8%	163	22.9%	120	16.9%	0
City Hospital	631	480	76.1%	0	0.0%	151	23.9%	72	11.4%	79	12.5%	0
Davis Memorial Hospital	249	160	64.5%	0	0.0%	88	35.5%	42	16.9%	46	18.5%	1
Fairmont General Hospital	321	242	75.4%	4	1.2%	75	23.4%	44	13.7%	31	9.7%	0
Grant Memorial Hospital	164	86	52.4%	0	0.0%	78	47.6%	40	24.4%	38	23.2%	0
Greenbrier Valley Hospital	441	339	77.0%	8	1.8%	93	21.1%	49	11.1%	44	10.0%	1
Hampshire Memorial Hospital	1	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Jefferson Memorial Hospital	209	157	75.1%	1	0.5%	51	24.4%	29	13.9%	22	10.5%	0
Logan Regional Medical Center	189	91	49.7%	2	1.1%	90	49.2%	65	35.5%	25	13.7%	6
Monongalia General Hospital	765	504	66.2%	2	0.3%	255	33.5%	160	21.0%	95	12.5%	4
Ohio Valley Medical Center	152	101	66.9%	3	2.0%	47	31.1%	24	15.9%	23	15.2%	1
Pleasant Valley Hospital	115	78	67.8%	2	1.7%	35	30.4%	24	20.9%	11	9.6%	0
Pocahontas Memorial Hospital	1	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Preston Memorial Hospital	21	18	85.7%	0	0.0%	3	14.3%	3	14.3%	0	0.0%	0
Princeton Community Hospital	349	215	63.8%	2	0.6%	120	35.6%	75	22.3%	45	13.4%	12
Raleigh General Hospital	995	721	72.5%	9	0.9%	265	26.6%	120	12.1%	145	14.6%	0
Reynolds Memorial Hospital	28	17	60.7%	1	3.6%	10	35.7%	6	21.4%	4	14.3%	0
Roane General Hospital	1	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
St. Joseph's Hospital (Buckhannon)	227	184	82.9%	3	1.4%	35	15.8%	20	9.0%	15	6.8%	5
St. Joseph's Hospital (Parkersburg)	131	89	68.5%	3	2.3%	38	29.2%	20	15.4%	18	13.8%	1
St. Mary's Medical Center	251	176	70.1%	0	0.0%	75	29.9%	46	18.3%	29	11.6%	0
Stonewall Jackson Memorial Hospital	228	146	64.0%	3	1.3%	79	34.6%	38	16.7%	41	18.0%	0
Summersville Memorial Hospital	200	128	64.0%	0	0.0%	72	36.0%	46	23.0%	26	13.0%	0
Thomas Memorial Hospital	560	277	49.5%	1	0.2%	282	50.4%	125	22.3%	157	28.0%	0
United Hospital Center	710	463	65.2%	13	1.8%	234	33.0%	110	15.5%	124	17.5%	0
WVU Hospitals, Inc.	676	429	64.2%	28	4.2%	211	31.6%	107	16.0%	104	15.6%	8
Weirton Medical Center	255	142	55.7%	0	0.0%	113	44.3%	62	24.3%	51	20.0%	0
Welch Community Hospital	30	19	63.3%	0	0.0%	11	36.7%	7	23.3%	4	13.3%	0
Wetzel County Hospital	1	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Wheeling Hospital	821	456	55.5%	3	0.4%	362	44.1%	224	27.3%	138	16.8%	0
Williamson Memorial Hospital	69	19	27.5%	0	0.0%	50	72.5%	11	15.9%	39	56.5%	0
WomenCare, Inc.	15	15	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
----- Non-Hospital	110	105	95.5%	5	4.5%	0	0.0%	0	0.0%	0	0.0%	0
West Virginia Total Occurrences	12,823	8,311	65.0%	111	0.9%	4,358	34.1%	2,359	18.5%	1,999	15.6%	43

Percentages are calculated excluding unknown.

Labor-Induced Births by Method of Delivery
 Number and Percent by Facility of Occurrence
 West Virginia, 2011
 Table 13

Hospital	Method of Delivery										Un- known					
	Total		Vaginal		Vaginal after Cesarean Section		Total		Primary Cesarean Section			Repeat Cesarean Section				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		Number	Percent			
Bluefield Regional Medical Center	91		71	78.0%	0	0.0%	0	0.0%	20	22.0%	16	17.6%	4	4.4%	0	0.0%
Braxton County Memorial Hospital	0		0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
C.A.M.C. - Women & Children's Hospital	1,016		763	75.1%	0	0.0%	0	0.0%	253	24.9%	252	24.8%	1	0.1%	0	0.0%
Cabell-Huntington Hospital	322		227	70.5%	2	0.6%	2	0.6%	93	28.9%	70	21.7%	23	7.1%	0	0.0%
Camden-Clark Medical Center Memorial Campus	588		429	73.0%	3	0.5%	3	0.5%	156	26.5%	132	22.4%	24	4.1%	0	0.0%
City Hospital	26		23	88.5%	0	0.0%	0	0.0%	3	11.5%	3	11.5%	0	0.0%	0	0.0%
Davis Memorial Hospital	44		29	67.4%	0	0.0%	0	0.0%	14	32.6%	14	32.6%	0	0.0%	1	0.0%
Fairmont General Hospital	184		161	87.5%	2	1.1%	2	1.1%	21	11.4%	21	11.4%	0	0.0%	0	0.0%
Grant Memorial Hospital	83		59	71.1%	0	0.0%	0	0.0%	24	28.9%	24	28.9%	0	0.0%	0	0.0%
Greenbrier Valley Hospital	99		87	88.8%	1	1.0%	1	1.0%	10	10.2%	10	10.2%	0	0.0%	1	0.0%
Hampshire Memorial Hospital	0		0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Jefferson Memorial Hospital	65		55	84.6%	0	0.0%	0	0.0%	10	15.4%	10	15.4%	0	0.0%	0	0.0%
Logan Regional Medical Center	66		36	56.3%	0	0.0%	0	0.0%	28	43.8%	27	42.2%	1	1.6%	0	0.0%
Monongalia General Hospital	67		43	67.2%	0	0.0%	0	0.0%	21	32.8%	21	32.8%	0	0.0%	3	0.0%
Ohio Valley Medical Center	101		83	83.8%	1	1.0%	1	1.0%	15	15.2%	13	13.1%	2	2.0%	2	0.0%
Pleasant Valley Hospital	27		20	74.1%	0	0.0%	0	0.0%	7	25.9%	6	22.2%	1	3.7%	0	0.0%
Pocahontas Memorial Hospital	0		0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Preston Memorial Hospital	11		10	90.9%	0	0.0%	0	0.0%	1	9.1%	1	9.1%	0	0.0%	0	0.0%
Princeton Community Hospital	239		179	78.5%	0	0.0%	0	0.0%	49	21.5%	48	21.1%	1	0.4%	11	0.0%
Raleigh General Hospital	347		297	85.6%	3	0.9%	3	0.9%	47	13.5%	45	13.0%	2	0.6%	0	0.0%
Reynolds Memorial Hospital	32		19	59.4%	0	0.0%	0	0.0%	13	40.6%	13	40.6%	0	0.0%	0	0.0%
Roane General Hospital	0		0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
St. Joseph's Hospital (Buckhannon)	34		30	88.2%	0	0.0%	0	0.0%	4	11.8%	3	8.8%	1	2.9%	0	0.0%
St. Joseph's Hospital (Parkersburg)	82		61	74.4%	2	2.4%	2	2.4%	19	23.2%	18	22.0%	1	1.2%	0	0.0%
St. Mary's Medical Center	156		127	81.4%	0	0.0%	0	0.0%	29	18.6%	29	18.6%	0	0.0%	0	0.0%
Stonewall Jackson Memorial Hospital	67		52	78.8%	0	0.0%	0	0.0%	14	21.2%	14	21.2%	0	0.0%	1	0.0%
Summersville Memorial Hospital	76		56	73.7%	0	0.0%	0	0.0%	20	26.3%	19	25.0%	1	1.3%	0	0.0%
Thomas Memorial Hospital	221		153	69.2%	0	0.0%	0	0.0%	68	30.8%	62	28.1%	6	2.7%	0	0.0%
United Hospital Center	381		289	75.9%	5	1.3%	5	1.3%	87	22.8%	79	20.7%	8	2.1%	0	0.0%
WVU Hospitals, Inc.	240		172	72.3%	3	1.3%	3	1.3%	63	26.5%	49	20.6%	14	5.9%	2	0.0%
Weirton Medical Center	171		130	76.0%	0	0.0%	0	0.0%	41	24.0%	41	24.0%	0	0.0%	0	0.0%
Welch Community Hospital	0		0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Wetzel County Hospital	0		0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Wheeling Hospital	34		27	79.4%	1	2.9%	1	2.9%	6	17.6%	6	17.6%	0	0.0%	0	0.0%
Williamson Memorial Hospital	0		0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
WomenCare, Inc.	0		0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
----- Non-Hospital	0		0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
West Virginia Total Occurrences	4,870		3,688	76.1%	23	0.5%	23	0.5%	1,136	23.4%	1,046	21.6%	90	1.9%	23	0.0%

Percentages are calculated excluding unknown.

Mother's Marital Status and Method of Paternity Establishment
 Unmarried Mothers by Hospital of Birth
 West Virginia Occurrences, 2011
 Table 14

Hospital	Total Births	Mother's Marital Status			Mother Unmarried with Paternity Established			Mother Unmarried with Father Unknown
		Married (or Un-known)	Un-married	Percent Un-married	Paternity Affidavit Accepted	Percent of Unmarried Births	Father Established by Other Methods	
Bluefield Regional Medical Center	617	284	333	54.0%	196	58.9%	51	86
Braxton County Memorial Hospital	4	1	3	75.0%	0	0.0%	2	1
C.A.M.C. - Women & Children's Hospital	2,961	1,723	1,238	41.8%	871	70.4%	173	194
Cabell-Huntington Hospital	2,501	1,365	1,136	45.4%	760	66.9%	112	264
Camden-Clark Medical Center Memorial Campus	1,397	739	658	47.1%	467	71.0%	79	112
City Hospital	914	400	514	56.2%	380	73.9%	38	96
Davis Memorial Hospital	332	167	165	49.7%	130	78.8%	11	24
Fairmont General Hospital	443	214	229	51.7%	171	74.7%	18	40
Grant Memorial Hospital	226	111	115	50.9%	84	73.0%	5	26
Greenbrier Valley Hospital	584	294	290	49.7%	203	70.0%	32	55
Hampshire Memorial Hospital	1	0	1	100.0%	0	0.0%	0	1
Jefferson Memorial Hospital	293	120	173	59.0%	132	76.3%	18	23
Logan Regional Medical Center	317	148	169	53.3%	96	56.8%	33	40
Monongalia General Hospital	1,002	692	310	30.9%	227	73.2%	25	58
Ohio Valley Medical Center	266	144	122	45.9%	82	67.2%	8	32
Pleasant Valley Hospital	210	97	113	53.8%	87	77.0%	9	17
Preston Memorial Hospital	32	15	17	53.1%	13	76.5%	1	3
Pocahontas Memorial Hospital	2	1	1	50.0%	1	100.0%	0	0
Princeton Community Hospital	635	407	228	35.9%	152	66.7%	27	49
Raleigh General Hospital	1,449	764	685	47.3%	463	67.6%	79	143
Reynolds Memorial Hospital	91	34	57	62.6%	36	63.2%	12	9
Roane General Hospital	2	1	1	50.0%	1	100.0%	0	0
St. Joseph's Hospital (Buckhannon)	288	175	113	39.2%	71	62.8%	13	29
St. Joseph's Hospital (Parkersburg)	192	130	62	32.3%	46	74.2%	6	10
St. Mary's Medical Center	425	306	119	28.0%	85	71.4%	9	25
Stonewall Jackson Memorial Hospital	350	152	198	56.6%	146	73.7%	19	33
Summersville Memorial Hospital	319	148	171	53.6%	113	66.1%	23	35
Thomas Memorial Hospital	1,000	573	427	42.7%	344	80.6%	37	46
United Hospital Center	897	477	420	46.8%	332	79.0%	33	55
WVU Hospitals, Inc.	1,367	903	464	33.9%	323	69.6%	49	92
Weirton Medical Center	386	178	208	53.9%	154	74.0%	15	39
Welch Community Hospital	44	19	25	56.8%	12	48.0%	8	5
Wetzel County Hospital	2	1	1	50.0%	1	0.0%	0	0
Wheeling Hospital	1,141	616	525	46.0%	394	75.0%	37	94
Williamson Memorial Hospital	104	58	46	44.2%	20	43.5%	13	13
WomenCare, Inc.	20	12	8	40.0%	7	87.5%	0	1
----- Non-Hospital	145	107	38	26.2%	24	63.2%	10	4
WV Total Occurrences	20,959	11,576	9,383	44.8%	6,624	70.6%	1,005	1,754

West Virginia Bureau for Public Health
 Health Statistics Center, 2014

Out-of-State Occurrences
West Virginia Resident Births, 2007-2011

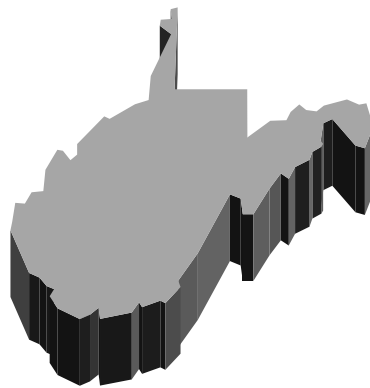
Table 15

State	2007 Births	2008 Births	2009 Births	2010 Births	2011 Births
Virginia	1,182	1,135	1,044	1,004	1,052
Maryland	678	659	680	637	623
Ohio	403	387	343	297	285
Kentucky	160	199	217	195	183
Pennsylvania	106	119	114	101	112
Tennessee	2	5	5	5	3
Florida	2	2	4	6	4
District of Columbia	2	6	4	0	5
North Carolina	4	2	1	3	3
Utah	0	3	5	0	3
New Jersey	2	5	0	1	0
Arizona	0	5	0	1	1
California	3	0	2	1	1
All Other States	31	12	19	24	12
Total	2,575	2,539	2,438	2,275	2,287

Out-of-State Resident Births Born in West Virginia
West Virginia Occurrence Births, 2007-2011

Table 16

State	2007 Births	2008 Births	2009 Births	2010 Births	2011 Births
Ohio	1,606	1,600	1,547	1,570	1,623
Virginia	277	317	325	331	289
Kentucky	266	225	222	270	251
Pennsylvania	234	249	260	283	277
Maryland	62	58	68	75	69
North Carolina	7	8	6	4	9
Florida	5	4	2	3	0
New York	1	4	4	4	1
Indiana	2	1	3	2	3
Michigan	1	1	2	4	1
Tennessee	3	1	2	1	2
Texas	1	3	1	3	1
All Other States	10	18	20	14	15
Total	2,475	2,489	2,462	2,564	2,541



West Virginia Vital Statistics
Deaths

Death Summary

The number of West Virginia resident deaths increased by 592, from 21,278 in 2010 to 21,870 in 2011. The state's crude death rate rose from 2010 at 11.5 per 1,000 population to 11.8 in 2011. The average age at death for West Virginians was 72.1 (68.8 for men and 75.5 for women), almost the same as the 2010 average of 72.2 (68.8 for men and 75.7 for women). One hundred and thirty-seven West Virginia residents who died in 2011 were age 100 or older. The oldest man and oldest woman were each 110 years old at the time of death.

Heart disease, cancer and chronic lower respiratory diseases, the three leading causes of death, accounted for 51.5% of West Virginia resident deaths in 2011. Compared with 2010, the number of state deaths due to heart disease increased by 22 or 0.4% while cancer deaths increased 2.6%. Chronic lower respiratory disease, the third leading cause, increased 5.3%; stroke mortality, now the fifth leading cause, decreased 5.8%. Diabetes mellitus deaths increased by fourteen (14) or 1.8%, while the number of reported deaths due to influenza/pneumonia increased by 39 or 9.4%. Dementia, now the sixth leading cause of death in the Mountain State, increased by 123 (13.9%), while Alzheimer's disease increased 2.5%. Accidental deaths were the fourth leading cause of death for the fifth year in a row. The number of accidental deaths rose by 180 (14.2%), from 1,265 in 2010 to 1,445 in 2011. Motor vehicle accident deaths increased by 64 or 20.4%, from 313 in 2010 to 377 in 2011. Accidental poisoning deaths are on the rise again in West Virginia as it increased by 111 (22.6%) from 492 in 2010 to 603 in 2011. Accidental poisoning accounted for over one-third (35.6%) of all deaths in the age group of 25-34. The vast majority of these deaths were due to both legal and illicit ingestion of prescription pharmaceuticals.

Accidents were the leading cause of death for ages one through 44 years. Motor vehicle accident and accidental poisoning fatalities are the two leading cause of death for young adults aged 15 through 24, accounting for 48.9% of all deaths for this age group in 2011. West Virginia's 2011 motor vehicle fatalities included two children under five years of age, four less than 2010.

Suicides increased by fifteen (15), from 294 to 309 between 2010 and 2011. Male suicides decreased by two (2) or 0.8%, from 252 in 2010 to 250 in 2011; the number of female suicides (59) increased by 17 or 40.5% from 2010. Nearly two-thirds (64.7%) of all suicide deaths were firearm related — 68.8% of male suicides and 47.5% of female suicides. The average age of death for a suicide victim in 2011 was 46.9 years. While suicide was the 12th leading cause of death overall, it was the second leading cause of death for ages 15-34. The number of suicides among persons aged 19 and under was thirteen (13) in 2011, two more than 2010 at eleven (11).

Homicides increased by sixteen (16), from 91 in 2010 to 107 in 2011. Seventy-five (75) of the homicide victims were male, 32 were female. The average age at death for a homicide victim in 2011 was 36.3 years. There were eight homicide victims under the age of five in 2011, compared with 14 in 2010. Over sixty percent (62.9%) of 2011 homicide deaths were due to firearms.

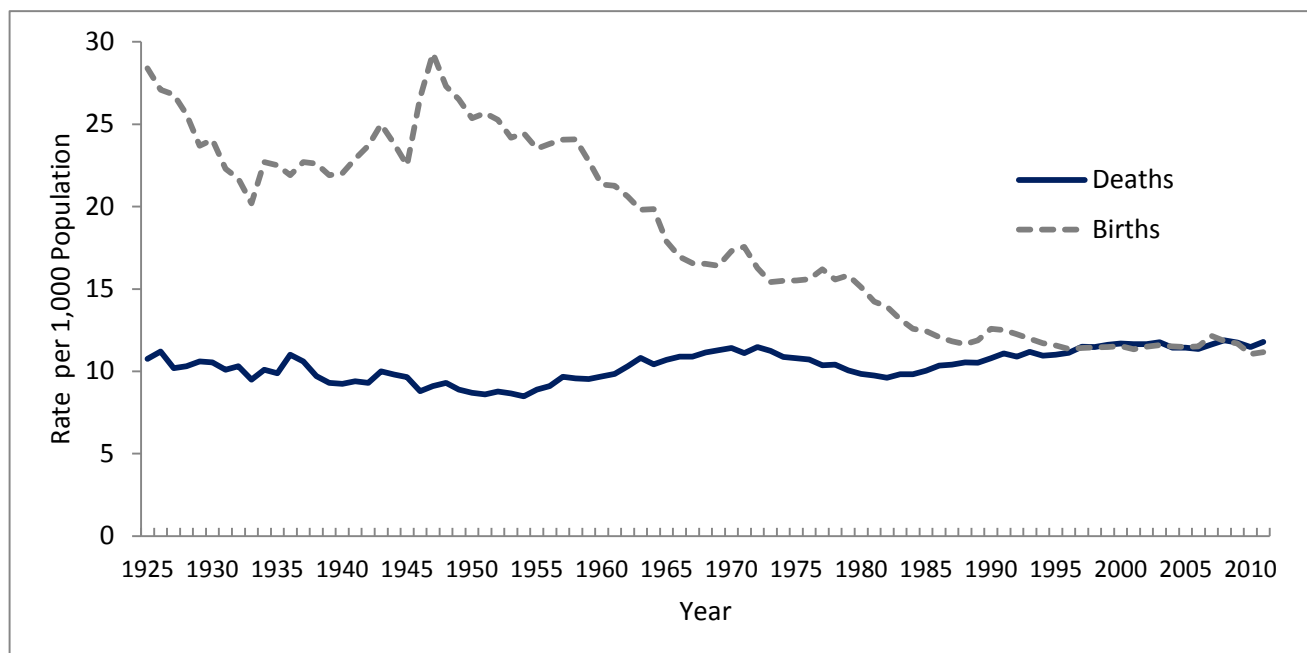
The statistics presented in this publication refer to resident data unless otherwise indicated. A resident death is determined by where the decedent last lived at the time of death. An occurrence death is determined by where the decedent died. If a person lived in West Virginia but died in Virginia, that is defined as a West Virginia resident death and will be included as part of West Virginia's resident statistics; however, it is considered a Virginia occurrence.

Years of Potential Life Lost (YPLL)

YPLL is a measure of mortality, calculated as the difference between age 75 (an average life span) and the age at death. Using YPLL before age 75, the sum of YPLL across all causes of death represents the total YPLL for all persons dying before the age of 75. A person dying at the age of 43 would therefore contribute 32 years to the total YPLL ($75-43=32$). YPLL is an important tool in emphasizing and evaluating causes of premature death.

The YPLL from all causes increased 4.6%, from 170,981 YPLL in 2010 to 178,842 in 2011. The four leading causes of YPLL in 2011 were malignant neoplasms (36,719 YPLL), diseases of the heart (26,321 YPLL), non-motor vehicle accidents (25,860 YPLL) and motor vehicle accidents (11,042 YPLL). Combined, these four causes accounted for over half (55.9%) of all years of potential life lost in 2011. In comparison to 2010, YPLL attributable to malignant neoplasms decreased from 21.0% to 20.5% of the total YPLL. YPLL due to diseases of the heart increased from 14.2% to 14.7%, YPLL due to non-motor vehicle accidents increased from 13.5% to 14.5% and the percentage of total YPLL due to motor vehicle crashes increased from 5.6% to 6.2%.

Number and Rate of Resident Deaths (Compared to Births)
West Virginia, 1925-2011
Exhibit 10



Year	Deaths		Births	
	Number of Deaths	Rate per 1,000 Population	Number of Live Births	Rate per 1,000 Population
1925	17,132	10.8	45,240	28.4
1930	18,220	10.5	41,614	24.1
1935	18,342	9.9	41,775	22.5
1940	17,577	9.2	41,900	22.0
1945	16,464	9.6	38,446	22.5
1950	17,459	8.7	50,850	25.4
1955	16,712	8.9	44,199	23.5
1960	18,040	9.7	39,696	21.3
1965	19,121	10.7	31,958	17.9
1970	19,924	11.4	30,194	17.3
1975	19,479	10.8	27,960	15.5
1980	19,178	9.8	29,438	15.1
1985	19,425	10.0	24,108	12.5
1990	19,360	10.8	22,582	12.6
1995	20,128	11.0	21,158	11.6
2000	21,127	11.7	20,860	11.5
2005	20,773	11.4	20,834	11.5
2010	21,278	11.5	20,471	11.0
2011	21,870	11.8	20,705	11.2

Summary Totals
West Virginia Resident Deaths, 2011
Table 17

Characteristic	Number	Percent	Characteristic	Number	Percent
<u>Total</u>			<u>Place Death Occurred</u>		
Residence Occurrence	21,870	100.0%	WV Hospital Home	7,724	35.3%
	21,402		Licensed Nursing Home	5,949	27.2%
<u>Gender</u>			Hospice Care	3,215	14.7%
Male	11,056	50.6%	Named Place or Street Address	1,672	7.6%
Female	10,814	49.4%	Out-of-State Hospital	1,406	6.4%
<u>Disposition of Death</u>			Unlicensed Personal Care	1,313	6.0%
Burial	14,492	68.4%	En Route to Hospital	306	1.4%
Cremation	5,252	24.8%	Clinic or Center	257	1.2%
Removal from State	429	2.0%	Other and Unknown	21	0.1%
Donation	371	1.8%		7	0.0%
Other	654	3.1%	<u>Race</u>		
Unknown	672		White or Caucasian	21,184	96.9%
<u>Age at Death</u>			Black or African American	653	3.0%
Less than One Year of Age	141	0.6%	All Other Races	33	0.2%
One to Four Years	20	0.1%	<u>Leading Causes of Death</u>		
Five to Fourteen Years	36	0.2%	Diseases of the Heart	4,921	22.5%
Fifteen to Nineteen Years	70	0.3%	Malignant Neoplasms	4,779	21.9%
Twenty to Twenty-Four Years	151	0.7%	Chronic Lower Respiratory Disease	1,572	7.2%
Twenty-Five to Thirty-Four Years	430	2.0%	Accidents, All Forms	1,445	6.6%
Thirty-Five to Forty-Four Years	746	3.4%	Cerebrovascular Disease	1,047	4.8%
Forty-Five to Fifty-Four Years	1,679	7.7%	Dementia	1,009	4.6%
Fifty-Five to Sixty-Four Years	2,959	13.5%	Diabetes Mellitus	792	3.6%
Sixty-Five to Seventy-Four Years	3,990	18.2%	Alzheimer's Disease	609	2.8%
Seventy-Five to Eighty-Four Years	5,767	26.4%	Influenza and Pneumonia	455	2.1%
Eighty-Five Years and Older	5,881	26.9%	Nephritis, Nephrotic Syndrome and Nephrosis	444	2.0%
			All Other Causes (Residual)	4,797	21.9%

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Note: En Route to Hospital includes any patient status listed as Dead On Arrival

Out-of-State Occurrences
West Virginia Resident Deaths, 2007-2011

Table 18

State of Occurrence	2007 Deaths	2008 Deaths	2009 Deaths	2010 Deaths	2011 Deaths
Ohio	562	574	566	574	602
Virginia	570	570	540	562	617
Maryland	292	268	286	282	282
Pennsylvania	191	178	194	192	193
Kentucky	148	140	148	138	162
North Carolina	55	45	58	59	55
Florida	45	42	47	57	50
Tennessee	20	30	17	27	18
District of Columbia	13	17	14	23	8
South Carolina	12	8	20	15	20
Georgia	0	6	15	10	14
Texas	3	4	7	10	9
All Other States/Countries	59	51	49	53	49
Total	1,970	1,933	1,961	2,002	2,079

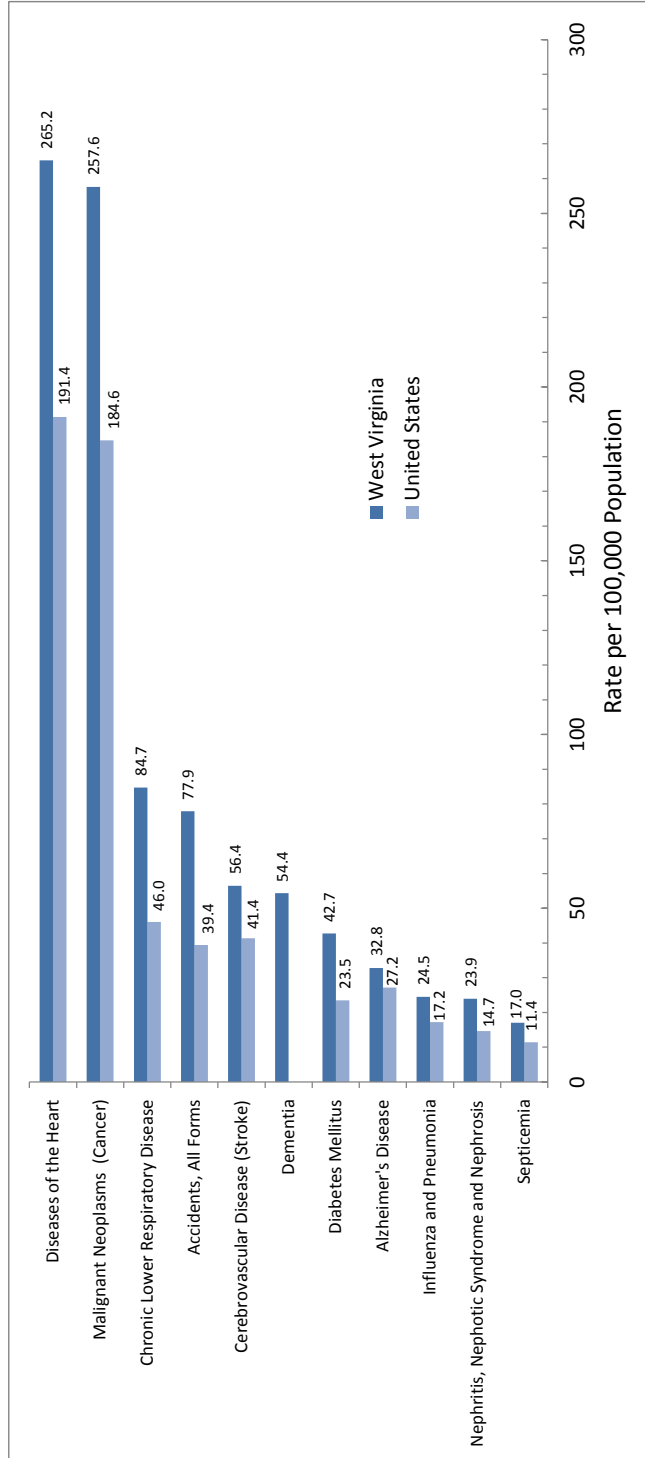
Deaths to Out-of-State Residents
West Virginia Occurrence Deaths, 2007-2011

Table 19

State of Residence	2007 Deaths	2008 Deaths	2009 Deaths	2010 Deaths	2011 Deaths
Ohio	752	777	780	775	804
Virginia	204	188	196	206	187
Pennsylvania	175	198	174	188	169
Kentucky	170	187	193	152	178
Maryland	143	134	108	128	136
Florida	20	29	28	40	24
North Carolina	20	10	22	12	24
Michigan	8	9	10	12	11
Tennessee	10	6	7	12	6
South Carolina	10	6	5	10	8
New York	9	9	9	4	7
New Jersey	5	8	7	8	5
All Other States/Countries	44	42	62	37	52
Total	1,570	1,603	1,601	1,584	1,611

West Virginia Bureau for Public Health
Health Statistics Center, 2014

2011 West Virginia and United States Resident Deaths
 Leading Causes of Death
 Exhibit 11



Leading Cause of Death	West Virginia		United States*	
	Number of Deaths	Rate per 100,000 Population	Number of Deaths	Rate per 100,000 Population
Diseases of the Heart	4,921	265.2	596,339	191.4
Malignant Neoplasms (Cancer)	4,779	257.6	575,313	184.6
Chronic Lower Respiratory Disease	1,572	84.7	143,382	46.0
Accidents, All Forms	1,445	77.9	122,777	39.4
Cerebrovascular Disease (Stroke)	1,047	56.4	128,931	41.4
Dementia	1,009	54.4	Not Available	Not Available
Diabetes Mellitus	792	42.7	73,282	23.5
Alzheimer's Disease	609	32.8	84,691	27.2
Influenza and Pneumonia	455	24.5	53,667	17.2
Nephritis, Nephrotic Syndrome and Nephrosis	444	23.9	45,731	14.7
Septicemia	316	17.0	35,539	11.4
Total for Leading Causes	17,389	937.2	1,859,652	596.8
All Other Causes (Residual)	4,481	241.5	653,221	209.6
Total for All Causes	21,870	1,178.7	2,512,873	806.5
		100.0%		100.0%

* National Vital Statistics Reports. Deaths: Preliminary Data for 2011. National Center for Health Statistics.

http://www.cdc.gov/hchs/data/nvsr/nvsr61/nvsr61_06.pdf

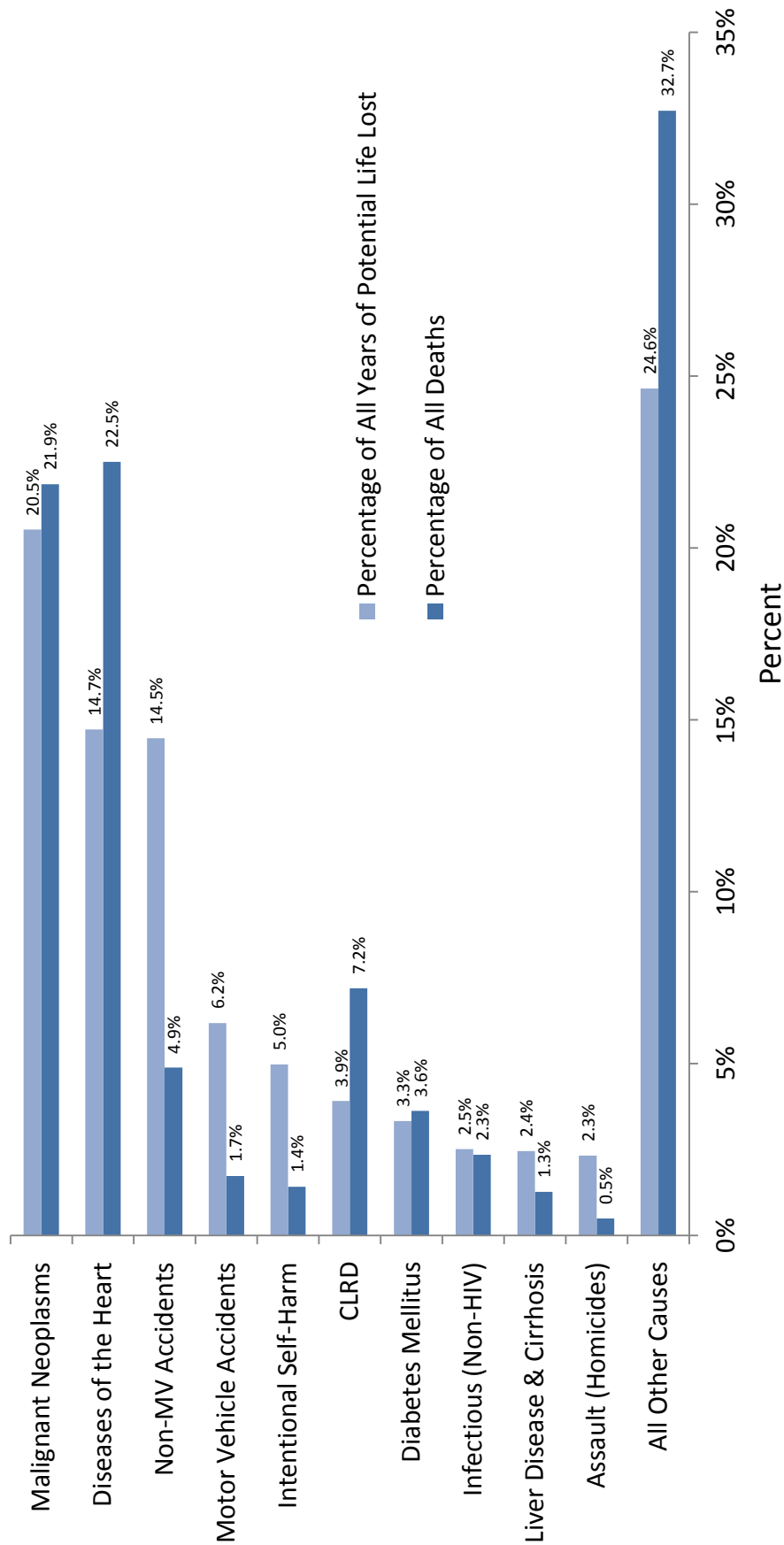
West Virginia Bureau for Public Health
 Health Statistics Center, 2014

Top Twenty Leading Causes of Years of Potential Life Lost Before Age 75*
 Compared to Actual Deaths of All Ages
 West Virginia Residents 2010 and 2011
 Table 20

Cause of Death	Years of Potential Life Lost Before Age 75				Actual Deaths			
	2010		2011		2010		2011	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Causes	170,981	100.0%	178,842	100.0%	21,278	100.0%	21,870	100.0%
Malignant Neoplasms (Cancer)	35,963	21.0%	36,719	20.5%	4,659	21.9%	4,779	21.9%
Diseases of the Heart	24,221	14.2%	26,321	14.7%	4,899	23.0%	4,921	22.5%
Non-motor Vehicle Accidents	23,098	13.5%	25,860	14.5%	952	4.5%	1,068	4.9%
Motor Vehicle Accidents	9,555	5.6%	11,042	6.2%	313	1.5%	377	1.7%
Intentional Self-Harm (Suicides)	7,822	4.6%	8,888	5.0%	294	1.4%	309	1.4%
Chronic Lower Respiratory Diseases	6,891	4.0%	6,985	3.9%	1,493	7.0%	1,572	7.2%
Diabetes Mellitus	5,765	3.4%	5,944	3.3%	778	3.7%	792	3.6%
Infectious and Parasitic Diseases (excluding HIV)	4,419	2.6%	4,487	2.5%	505	2.4%	513	2.3%
Chronic Liver Disease and Cirrhosis	3,929	2.3%	4,381	2.4%	238	1.1%	277	1.3%
Assault (Homicides)	3,797	2.2%	4,153	2.3%	91	0.4%	107	0.5%
Congenital Malformations	3,045	1.8%	3,889	2.2%	69	0.3%	78	0.4%
Cerebrovascular Diseases (Stroke)	3,896	2.3%	3,590	2.0%	1,112	5.2%	1,047	4.8%
Influenza and Pneumonia	1,654	1.0%	2,666	1.5%	416	2.0%	455	2.1%
Injury Undetermined Whether Accidental or Purposely Inflicted	4,011	2.3%	2,187	1.2%	130	0.6%	80	0.4%
Nephritis, Nephrotic Syndrome and Nephrosis	2,057	1.2%	2,126	1.2%	428	2.0%	444	2.0%
Sudden Infant Death Syndrome	2,533	1.5%	1,788	1.0%	34	0.2%	24	0.1%
Disorders Relating to Short Gestation and Unspecified Low Birthweight	522	0.3%	1,267	0.7%	7	0.0%	17	0.1%
Obesity	1,149	0.7%	1,254	0.7%	51	0.2%	72	0.3%
Essential Hypertension and Hypertensive Renal Disease	1,336	0.8%	1,214	0.7%	270	1.3%	243	1.1%
Alcohol or Drug Psychoses, Dependence or Abuse	1,003	0.6%	1,034	0.6%	55	0.3%	52	0.2%
All Other Causes (Residual)	24,318	14.2%	23,050	12.9%	4,484	21.1%	4,643	21.2%

* Top 20 leading causes in 2011.

Top Ten Causes of Years of Potential Life Lost Before Age 75 Compared to Resident Deaths of All Ages West Virginia Deaths, 2011 Exhibit 12



West Virginia Bureau for Public Health
Health Statistics Center, 2014

Leading Causes of Death by Age Group and Gender
West Virginia, 2011
Table 21

Leading Causes of Death	Total, All Age Groups					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	11,056		10,814		21,870	
Diseases of the Heart	2,516	22.8%	2,405	22.2%	4,921	22.5%
Malignant Neoplasms (Cancer)	2,604	23.6%	2,175	20.1%	4,779	21.9%
Chronic Lower Respiratory Disease	743	6.7%	829	7.7%	1,572	7.2%
Accidents, All Forms	926	8.4%	519	4.8%	1,445	6.6%
Cerebrovascular Disease (Stroke)	401	3.6%	646	6.0%	1,047	4.8%
Dementia	305	2.8%	704	6.5%	1,009	4.6%
Diabetes Mellitus	425	3.8%	367	3.4%	792	3.6%
Alzheimer's Disease	190	1.7%	419	3.9%	609	2.8%
Influenza and Pneumonia	196	1.8%	259	2.4%	455	2.1%
Nephritis, Nephrotic Syndrome and Nephrosis	229	2.1%	215	2.0%	444	2.0%
All Other Causes (Residual)	2,521	22.8%	2,276	21.0%	4,797	21.9%

Leading Causes of Death	Less than One Year					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	83		58		141	
Congenital Malformations	14	16.9%	19	32.8%	33	23.4%
Sudden Infant Death Syndrome	12	14.5%	12	20.7%	24	17.0%
Disorders Relating to Short Gestation/Unspecified LBW	12	14.5%	5	8.6%	17	12.1%
Other Respiratory and Cardiovascular Conditions of the Newborn	6	7.2%	5	8.6%	11	7.8%
Respiratory Distress Syndrome	4	4.8%	3	5.2%	7	5.0%
Maternal Complications of Pregnancy	3	3.6%	2	3.4%	5	3.5%
Assault (Homicides)	4	4.8%	0	0.0%	4	2.8%
Complications of Placenta, Cord, and Membrane	4	4.8%	0	0.0%	4	2.8%
Influenza and Pneumonia	3	3.6%	1	1.7%	4	2.8%
Other and Unspecified Perinatal Conditions	2	2.4%	2	3.4%	4	2.8%
Accidents, All Forms	2	2.4%	1	1.7%	3	2.1%
Infections Specific to the Perinatal Period	2	2.4%	1	1.7%	3	2.1%
Neonatal Hemorrhage	2	2.4%	1	1.7%	3	2.1%
All Other Causes (Residual)	13	15.7%	6	10.3%	19	13.5%

Leading Causes of Death	One to Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	15		5		20	
Accidents, All Forms	5	33.3%	0	0.0%	5	25.0%
Assault (Homicides)	4	26.7%	0	0.0%	4	20.0%
Congenital Malformations	0	0.0%	4	80.0%	4	20.0%
Malignant Neoplasms (Cancer)	1	6.7%	0	0.0%	1	5.0%
Septicemia	0	0.0%	1	20.0%	1	5.0%
All Other Causes (Residual)	5	33.3%	0	0.0%	5	25.0%

Leading Causes of Death by Age Group and Gender
West Virginia 2011
Table 21 (Cont'd)

Leading Causes of Death	Five to Nine Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	10		4		14	
Accidents, All Forms	3	30.0%	1	25.0%	4	28.6%
Septicemia	1	10.0%	2	50.0%	3	21.4%
Malignant Neoplasms (Cancer)	0	0.0%	1	25.0%	1	7.1%
Assault (Homicides)	1	10.0%	0	0.0%	1	7.1%
Congenital Malformations	1	10.0%	0	0.0%	1	7.1%
All Other Causes (Residual)	4	40.0%	0	0.0%	4	28.6%

Leading Causes of Death	Ten to Fourteen Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	12		10		22	
Accidents, All Forms	2	16.7%	5	50.0%	7	31.8%
Congenital Malformations	0	0.0%	3	30.0%	3	13.6%
Malignant Neoplasms (Cancer)	1	8.3%	1	10.0%	2	9.1%
Intentional Self-Harm (Suicides)	0	0.0%	1	10.0%	1	4.5%
Cerebrovascular Disease (Stroke)	1	8.3%	0	0.0%	1	4.5%
All Other Causes (Residual)	8	66.7%	0	0.0%	8	36.4%

Leading Causes of Death	Fifteen to Twenty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	153		68		221	
Accidents, All Forms	76	49.7%	44	64.7%	120	54.3%
Intentional Self-Harm (Suicides)	33	21.6%	4	5.9%	37	16.7%
Assault (Homicides)	16	10.5%	3	4.4%	19	8.6%
Malignant Neoplasms (Cancer)	7	4.6%	5	7.4%	12	5.4%
Diseases of the Heart	3	2.0%	1	1.5%	4	1.8%
Influenza and Pneumonia	3	2.0%	1	1.5%	4	1.8%
Injury Undetermined Whether Accidental or Purposely Inflicted	2	1.3%	1	1.5%	3	1.4%
Congenital Malformations	1	0.7%	1	1.5%	2	0.9%
All Other Causes (Residual)	12	7.8%	8	11.8%	20	9.0%

Leading Causes of Death	Twenty-Five to Thirty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	300		130		430	
Accidents, All Forms	159	53.0%	66	50.8%	225	52.3%
Intentional Self-Harm (Suicides)	37	12.3%	8	6.2%	45	10.5%
Diseases of the Heart	21	7.0%	11	8.5%	32	7.4%
Assault (Homicides)	15	5.0%	9	6.9%	24	5.6%
Malignant Neoplasms (Cancer)	17	5.7%	6	4.6%	23	5.3%
Injury Undetermined Whether Accidental or Purposely Inflicted	8	2.7%	5	3.8%	13	3.0%
Diabetes Mellitus	5	1.7%	3	2.3%	8	1.9%
Congenital Malformations	5	1.7%	1	0.8%	6	1.4%
Influenza and Pneumonia	3	1.0%	1	0.8%	4	0.9%
Obesity	3	1.0%	1	0.8%	4	0.9%
All Other Causes (Residual)	27	9.0%	19	14.6%	46	10.7%

Leading Causes of Death by Age Group and Gender
West Virginia 2011
Table 21 (Cont'd)

Leading Causes of Death	Thirty-Five to Forty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	466		280		746	
Accidents, All Forms	171	36.7%	84	30.0%	255	34.2%
Diseases of the Heart	79	17.0%	29	10.4%	108	14.5%
Malignant Neoplasms (Cancer)	39	8.4%	66	23.6%	105	14.1%
Intentional Self-Harm (Suicides)	42	9.0%	16	5.7%	58	7.8%
Diabetes Mellitus	14	3.0%	8	2.9%	22	2.9%
Assault (Homicides)	12	2.6%	6	2.1%	18	2.4%
Chronic Liver Disease and Cirrhosis	15	3.2%	2	0.7%	17	2.3%
Cerebrovascular Disease (Stroke)	9	1.9%	3	1.1%	12	1.6%
All Other Causes (Residual)	85	18.2%	66	23.6%	151	20.2%

Leading Causes of Death	Forty-Five to Fifty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	1,024		655		1,679	
Malignant Neoplasms (Cancer)	197	19.2%	206	31.5%	403	24.0%
Diseases of the Heart	219	21.4%	98	15.0%	317	18.9%
Accidents, All Forms	179	17.5%	91	13.9%	270	16.1%
Chronic Liver Disease and Cirrhosis	59	5.8%	22	3.4%	81	4.8%
Intentional Self-Harm (Suicides)	52	5.1%	16	2.4%	68	4.1%
Chronic Lower Respiratory Disease	32	3.1%	35	5.3%	67	4.0%
Diabetes Mellitus	43	4.2%	22	3.4%	65	3.9%
Cerebrovascular Disease (Stroke)	19	1.9%	14	2.1%	33	2.0%
Influenza and Pneumonia	13	1.3%	12	1.8%	25	1.5%
Septicemia	14	1.4%	8	1.2%	22	1.3%
All Other Causes (Residual)	197	19.2%	131	20.0%	328	19.5%

Leading Causes of Death	Fifty-Five to Sixty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	1,804		1,155		2,959	
Malignant Neoplasms (Cancer)	549	30.4%	413	35.8%	962	32.5%
Diseases of the Heart	405	22.5%	181	15.7%	586	19.8%
Chronic Lower Respiratory Disease	98	5.4%	95	8.2%	193	6.5%
Accidents, All Forms	118	6.5%	37	3.2%	155	5.2%
Diabetes Mellitus	88	4.9%	63	5.5%	151	5.1%
Cerebrovascular Disease (Stroke)	59	3.3%	33	2.9%	92	3.1%
Chronic Liver Disease and Cirrhosis	62	3.4%	26	2.3%	88	3.0%
Septicemia	27	1.5%	25	2.2%	52	1.8%
Nephritis, Nephrotic Syndrome and Nephrosis	28	1.6%	24	2.1%	52	1.8%
Intentional Self-Harm (Suicides)	40	2.2%	12	1.0%	52	1.8%
All Other Causes (Residual)	330	18.3%	246	21.3%	576	19.5%

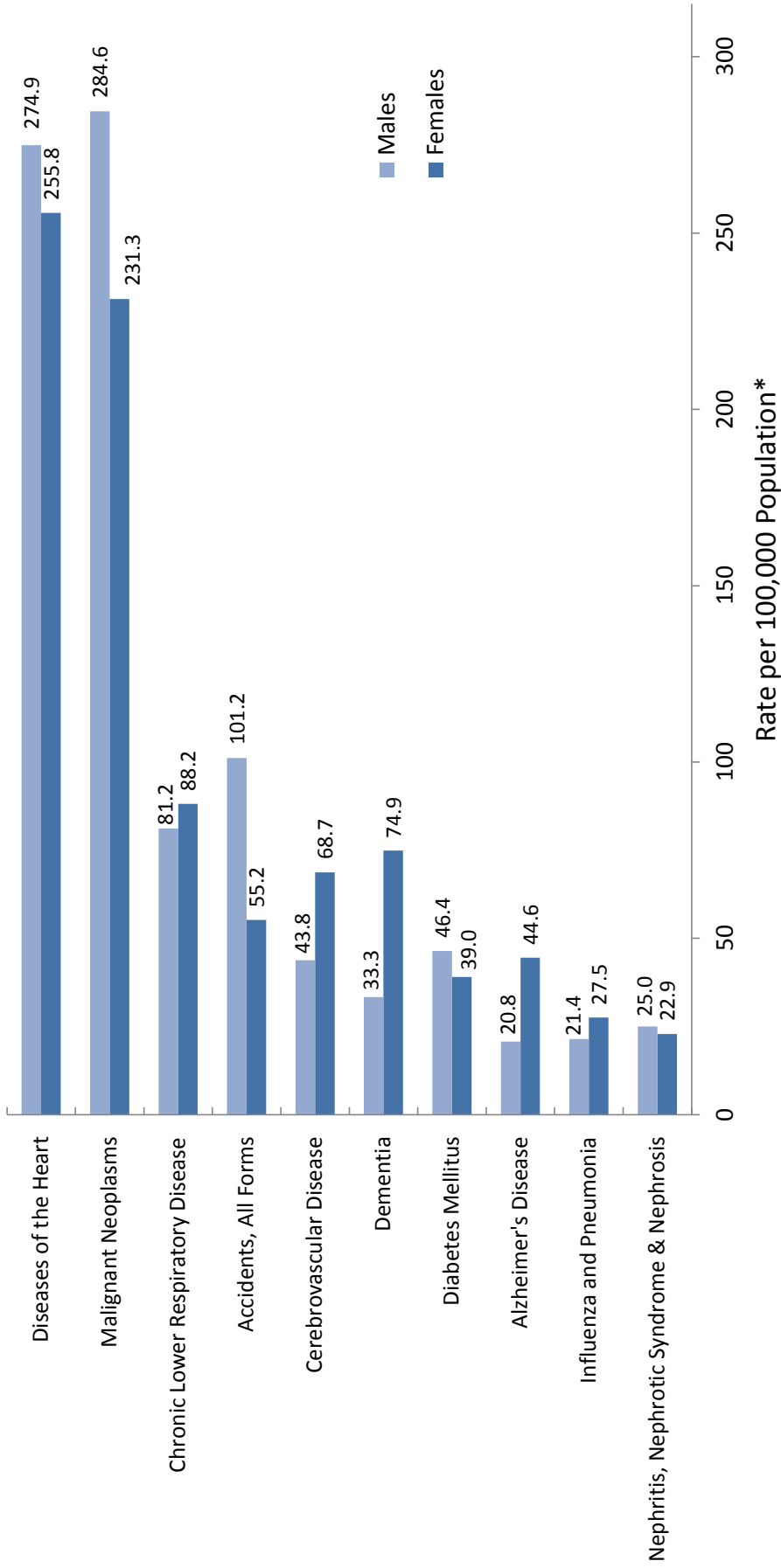
Leading Causes of Death by Age Group and Gender
West Virginia 2011
Table 21 (Cont'd)

Leading Causes of Death	Sixty-Five to Seventy-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	2,267		1,723		3,990	
Malignant Neoplasms (Cancer)	761	33.6%	555	32.2%	1,316	33.0%
Diseases of the Heart	506	22.3%	317	18.4%	823	20.6%
Chronic Lower Respiratory Disease	192	8.5%	204	11.8%	396	9.9%
Diabetes Mellitus	113	5.0%	71	4.1%	184	4.6%
Cerebrovascular Disease (Stroke)	81	3.6%	81	4.7%	162	4.1%
Accidents, All Forms	66	2.9%	37	2.1%	103	2.6%
Nephritis, Nephrotic Syndrome and Nephrosis	36	1.6%	37	2.1%	73	1.8%
Septicemia	27	1.2%	41	2.4%	68	1.7%
Influenza and Pneumonia	35	1.5%	33	1.9%	68	1.7%
Dementia	30	1.3%	30	1.7%	60	1.5%
All Other Causes (Residual)	420	18.5%	317	18.4%	737	18.5%

Leading Causes of Death	Seventy-Five to Eighty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	2,790		2,977		5,767	
Diseases of the Heart	678	24.3%	663	22.3%	1,341	23.3%
Malignant Neoplasms (Cancer)	697	25.0%	610	20.5%	1,307	22.7%
Chronic Lower Respiratory Disease	261	9.4%	288	9.7%	549	9.5%
Cerebrovascular Disease (Stroke)	131	4.7%	212	7.1%	343	5.9%
Dementia	98	3.5%	182	6.1%	280	4.9%
Diabetes Mellitus	101	3.6%	120	4.0%	221	3.8%
Alzheimer's Disease	68	2.4%	122	4.1%	190	3.3%
Accidents, All Forms	78	2.8%	70	2.4%	148	2.6%
Nephritis, Nephrotic Syndrome and Nephrosis	74	2.7%	65	2.2%	139	2.4%
Influenza and Pneumonia	63	2.3%	73	2.5%	136	2.4%
All Other Causes (Residual)	541	19.4%	572	19.2%	1,113	19.3%

Leading Causes of Death	Eighty-Five Years and Over					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	2,132		3,749		5,881	
Diseases of the Heart	604	28.3%	1,105	29.5%	1,709	29.1%
Dementia	166	7.8%	486	13.0%	652	11.1%
Malignant Neoplasms (Cancer)	335	15.7%	312	8.3%	647	11.0%
Cerebrovascular Disease (Stroke)	101	4.7%	301	8.0%	402	6.8%
Alzheimer's Disease	104	4.9%	271	7.2%	375	6.4%
Chronic Lower Respiratory Disease	157	7.4%	200	5.3%	357	6.1%
Influenza and Pneumonia	52	2.4%	112	3.0%	164	2.8%
Accidents, All Forms	67	3.1%	83	2.2%	150	2.6%
Nephritis, Nephrotic Syndrome and Nephrosis	69	3.2%	77	2.1%	146	2.5%
Diabetes Mellitus	61	2.9%	80	2.1%	141	2.4%
Essential Hypertension and Hypertensive Renal Disease	27	1.3%	64	1.7%	91	1.5%
All Other Causes (Residual)	389	18.2%	658	17.6%	1,047	17.8%

2011 Ten Leading Causes of Death by Gender
West Virginia Resident Death Rates*
Exhibit 13



*Using 2011 estimated Census data for WV
Males = 915,081; Females = 940,283

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Types of Firearm Injury Deaths by Age Group and Gender
West Virginia Residents, 2011
Table 22

	Age in Years									Total
	0-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	
Total										
Accidental	0	1	0	0	1	3	1	1	1	8
Intentional Self-Harm (Suicide)	0	0	5	18	19	34	44	38	42	200
Assault (Homicide)	0	1	8	7	15	15	10	8	2	66
Legal Intervention	0	0	0	1	0	0	1	0	0	2
Undetermined	0	0	0	1	1	0	0	0	0	2
Total	0	2	13	27	36	52	56	47	45	278
Male										
Accidental	0	1	0	0	1	1	0	1	1	5
Intentional Self-Harm (Suicide)	0	0	5	16	15	26	37	32	41	172
Assault (Homicide)	0	1	7	5	9	11	7	6	0	46
Legal Intervention	0	0	0	1	0	0	1	0	0	2
Undetermined	0	0	0	1	1	0	0	0	0	2
Total	0	2	12	23	26	38	45	39	42	227
Female										
Accidental	0	0	0	0	0	2	1	0	0	3
Intentional Self-Harm (Suicide)	0	0	0	2	4	8	7	6	1	28
Assault (Homicide)	0	0	1	2	6	4	3	2	2	20
Legal Intervention	0	0	0	0	0	0	0	0	0	0
Undetermined	0	0	0	0	0	0	0	0	0	0
Total	0	0	1	4	10	14	11	8	3	51

Non-Transport Accidental Injury Deaths
Place Where Injury Occurred
West Virginia Residents, 2011
Table 23

Place of Injury	Male	Female	Total
Home	297	183	480
Farm	0	0	0
Mine and Quarry	6	1	7
Industrial Places	4	0	4
Recreational Places	1	0	1
Street and Highway	2	0	2
Resident Institution	0	0	0
Other Specified Places	224	129	353
Unspecified Places	35	20	55
Total	569	333	902

Causes of Resident Deaths: Number and Rate
West Virginia, 2011
Table 24

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
A00-Z99*	Total Deaths, All Causes	21,870	11.8
A00-B99	Certain Infectious and Parasitic Diseases	524	28.2
A00-A09	Intestinal Infectious Diseases	88	4.7
A04	Other Bacterial Intestinal Infections	73	3.9
A09	Diarrhoea and Gastroenteritis of Presumed Infectious Origin	15	0.8
A15-A19	Tuberculosis	2	0.1
A16	Respiratory Tuberculosis, Not Confirmed Bacteriologically or Histologically	2	0.1
A30-A49	Other Bacterial Diseases	335	18.1
A31	Infection due to Other Mycobacteria	4	0.2
A39	Meningococcal Infection	1	0.1
A40	Streptococcal Septicemia	4	0.2
A41	Other Septicemia	312	16.8
A48	Other Bacterial Diseases, Not Elsewhere Classified	1	0.1
A49	Bacterial Infection of Unspecified Site	13	0.7
A50-A64	Infections with a Predominantly Sexual Mode of Transmission	1	0.1
A52	Late Syphilis	1	0.1
A80-A89	Viral Infections of the Central Nervous System	3	0.2
A81	Slow Virus Infections of Central Nervous System	3	0.2
B00-B09	Viral Infections Characterized by Skin and Mucous Membrane Lesions	5	0.3
B00	Herpesviral [Herpes Simplex] Infection	3	0.2
B02	Zoster [Herpes Zoster]	2	0.1
B15-B19	Viral Hepatitis	53	2.9
B16	Acute Hepatitis B	7	0.4
B17	Other Acute Viral Hepatitis	2	0.1
B18	Chronic Viral Hepatitis	44	2.4
B20-B24	Human Immunodeficiency Virus [HIV] Disease	11	0.6
B20	Human Immunodeficiency Virus [HIV] Disease Resulting in Infectious and Parasitic Diseases	1	0.1
B21	Human Immunodeficiency Virus [HIV] Disease Resulting in Malignant Neoplasms	3	0.2
B22	Human Immunodeficiency Virus [HIV] Disease Resulting in Other Specified Diseases	2	0.1
B23	Human Immunodeficiency Virus [HIV] Disease Resulting in Other Conditions	3	0.2
B24	Unspecified Human Immunodeficiency Virus [HIV] Disease	2	0.1
B25-B34	Other Viral Diseases	2	0.1
B34	Viral Infection of Unspecified Site	2	0.1
B35-B49	Mycoses	10	0.5
B37	Candidiasis	2	0.1
B40	Blastomycosis	1	0.1
B46	Zygomycosis	1	0.1
B49	Unspecified Mycosis	6	0.3
B50-B64	Protozoal Diseases	1	0.1
B59	Pneumocystis	1	0.1
B90-B94	Sequelae of Infectious and Parasitic Diseases	11	0.6
B91	Sequelae of Poliomyelitis	1	0.1
B94	Sequelae of Other and Unspecified Infectious and Parasitic Diseases	10	0.5
B99	Other Infectious Diseases	2	0.1
B99	Other and Unspecified Infectious Diseases	2	0.1
C00-D48	Neoplasms	4,890	263.6
C00-C97	Malignant Neoplasms	4,779	257.6
C01	Malignant Neoplasm of Base of Tongue	1	0.1
C02	Malignant Neoplasm of Other and Unspecified Parts of Tongue	13	0.7
C03	Malignant Neoplasm of Gum	1	0.1
C05	Malignant Neoplasm of Palate	1	0.1
C06	Malignant Neoplasm of Other and Unspecified Parts of Mouth	12	0.6
C07	Malignant Neoplasm of Parotid Gland	5	0.3
C09	Malignant Neoplasm of Tonsil	5	0.3
C10	Malignant Neoplasm of Oropharynx	8	0.4
C11	Malignant Neoplasm of Nasopharynx	4	0.2
C12	Malignant Neoplasm of Pyriform Sinus	3	0.2
C14	Malignant Neoplasm of Other and Ill-Defined Sites in the Lip, Oral Cavity and Pharynx	12	0.6
C15-C26	Malignant Neoplasms of Digestive Organs	1,074	57.9
C15	Malignant Neoplasm of Esophagus	135	7.3
C16	Malignant Neoplasm of Stomach	80	4.3

*Total death rates are calculated per 1,000 population; all other death rates are calculated per 100,000 population.

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Causes of Resident Deaths: Number and Rate
West Virginia, 2011
Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
C17	Malignant Neoplasm of Small Intestine	10	0.5
C18	Malignant Neoplasm of Colon	344	18.5
C19	Malignant Neoplasm of Rectosigmoid Junction	27	1.5
C20	Malignant Neoplasm of Rectum	63	3.4
C21	Malignant Neoplasm of Anus and Anal Canal	4	0.2
C22	Malignant Neoplasm of Liver and Intrahepatic Bile Ducts	128	6.9
C23	Malignant Neoplasm of Gallbladder	13	0.7
C24	Malignant Neoplasms of Other and Unspecified Parts of the Biliary Tract	11	0.6
C25	Malignant Neoplasm of Pancreas	248	13.4
C26	Malignant Neoplasm of Other and Ill-Defined Digestive Organs	11	0.6
C30-C39	Malignant Neoplasms of Respiratory and Intrathoracic Organs	1,537	82.8
C31	Malignant Neoplasm of Accessory Sinuses	2	0.1
C32	Malignant Neoplasm of Larynx	29	1.6
C34	Malignant Neoplasm of Bronchus and Lung	1,502	81.0
C38	Malignant Neoplasm of Heart, Mediastinum and Pleura	3	0.2
C39	Malignant Neoplasm of Other and Ill-Defined Sites in the Respiratory System and Intrathoracic Organs	1	0.1
C40-C41	Malignant Neoplasms of Bone and Articular Cartilage	7	0.4
C41	Malignant Neoplasm of Bone and Articular Cartilage of Other and Unspecified Sites	7	0.4
C43-C44	Melanoma and Other Malignant Neoplasms of Skin	98	5.3
C43	Malignant Neoplasm of Skin	67	3.6
C44	Other Malignant Neoplasms of Skin	31	1.7
C45-C49	Malignant Neoplasms of Mesothelial and Soft Tissue	72	3.9
C45	Mesothelioma	32	1.7
C48	Malignant Neoplasm of Retroperitoneum and Peritoneum	8	0.4
C49	Malignant Neoplasm of Other Connective and Soft Tissue	32	1.7
C50	Malignant Neoplasm of Breast	307	16.5
C50	Malignant Neoplasm of Breast	307	16.5
C51-C58	Malignant Neoplasms of Female Genital Organs	256	13.8
C51	Malignant Neoplasm of Vulva	15	0.8
C52	Malignant Neoplasm of Vagina	4	0.2
C53	Malignant Neoplasm of Cervix Uteri	51	2.7
C54	Malignant Neoplasm of Corpus Uteri	30	1.6
C55	Malignant Neoplasm of Uterus, Part Unspecified	37	2.0
C56	Malignant Neoplasm of Ovary	115	6.2
C57	Malignant Neoplasm of Other and Unspecified Female Genital Organs	4	0.2
C60-C63	Malignant Neoplasms of Male Genital Organs	192	10.3
C60	Malignant Neoplasm of Penis	1	0.1
C61	Malignant Neoplasm of Prostate	191	10.3
C64-C68	Malignant Neoplasms of Urinary Tract	231	12.5
C64	Malignant Neoplasm of Kidney, Except Renal Pelvis	120	6.5
C66	Malignant Neoplasm of Ureter	2	0.1
C67	Malignant Neoplasm of Bladder	107	5.8
C68	Malignant Neoplasm of Other and Unspecified Urinary Organs	2	0.1
C69-C72	Malignant Neoplasms of Eye, Brain and Other Parts of Central Nervous System	80	4.3
C69	Malignant Neoplasm of Eye and Adnexa	3	0.2
C71	Malignant Neoplasm of Brain	77	4.2
C73-C75	Malignant Neoplasms of Other Endocrine Glands	17	0.9
C73	Malignant Neoplasm of Thyroid Gland	13	0.7
C74	Malignant Neoplasm of Adrenal Gland	2	0.1
C75	Malignant Neoplasm of Other Endocrine Glands and Related Structures	2	0.1
C76-C80	Malignant Neoplasms of Ill-Defined, Secondary and Unspecified Sites	322	17.4
C76	Malignant Neoplasm of Other and Ill-Defined Sites	16	0.9
C78	Secondary and Malignant Neoplasm of Respiratory and Digestive Organs	23	1.2
C79	Secondary Malignant Neoplasm of Other Sites	29	1.6
C80	Malignant Neoplasm without Specification of Site	254	13.7
C81-C96	Malignant Neoplasms of Lymphoid, Hematopoietic and Related Tissue	470	25.3
C81	Hodgkin's Disease	10	0.5
C82	Follicular [Nodular] Non-Hodgkin's Lymphoma	2	0.1
C83	Diffuse Non-Hodgkin's Lymphoma	31	1.7
C84	Peripheral and Cutaneous T-Cell Lymphoma	5	0.3

*Total death rates are calculated per 1,000 population; all other death rates are calculated per 100,000 population.

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Causes of Resident Deaths: Number and Rate
West Virginia, 2011
Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
C85	Other and Unspecified Types of Non-Hodgkin's Lymphoma	117	6.3
C88	Malignant Immunoproliferative Diseases	1	0.1
C90	Multiple Myeloma and Malignant Plasma Cell Neoplasms	94	5.1
C91	Lymphoid Leukemia	65	3.5
C92	Myeloid Leukemia	94	5.1
C93	Monocytic Leukemia	2	0.1
C94	Other Leukemias of Specified Cell Type	1	0.1
C95	Leukemia of Unspecified Cell Type	48	2.6
C97	Malignant Neoplasm of Independent (Primary) Multiple Sites	51	2.7
C97	Malignant Neoplasm of Independent (Primary) Multiple Sites	51	2.7
D00-D09	In Situ Neoplasms	1	0.1
D09	Carcinoma in Situ of Other and Unspecified Sites	1	0.1
D10-D36	Benign Neoplasms	3	0.2
D15	Benign Neoplasm of Other and Unspecified Intrathoracic Organs	1	0.1
D35	Benign Neoplasm of Other and Unspecified Endocrine Gland	1	0.1
D36	Benign Neoplasm of Other and Unspecified Sites	1	0.1
D37-D48	Neoplasms of Uncertain or Unknown Behavior	107	5.8
D37	Neoplasm of Uncertain or Unknown Behavior of Oral Cavity and Digestive Organs	2	0.1
D38	Neoplasm of Uncertain or Unknown Behavior of Middle Ear and Respiratory and Intrathoracic Organs	10	0.5
D40	Neoplasm of Uncertain or Unknown Behavior of Male Genital Organs	2	0.1
D41	Neoplasm of Uncertain or Unknown Behavior of Urinary Organs	1	0.1
D43	Neoplasm of Uncertain or Unknown Behavior of Brain and Central Nervous System	18	1.0
D44	Neoplasm of Uncertain or Unknown Behavior of Endocrine Glands	1	0.1
D45	Polycythemia Vera	2	0.1
D46	Myelodysplastic Syndromes	44	2.4
D47	Other Neoplasm of Uncertain or Unknown Behavior of Lymphoid, Hematopoietic and Related Tissue	13	0.7
D48	Neoplasm of Uncertain or Unknown Behavior of Other and Unspecified Sites	14	0.8
D50-D89	Disease of the Blood and Blood-forming Organs and Certain Disorders Involving the Immune Mechanism	85	4.6
D50-D53	Nutritional Anemias	3	0.2
D50	Iron Deficiency Anemia	3	0.2
D55-D59	Hemolytic Anemias	1	0.1
D58	Other Hereditary Hemolytic Anemias	1	0.1
D60-D64	Aplastic and Other Anemias	38	2.0
D61	Other Aplastic Anemias	9	0.5
D62	Acute Posthemorrhagic Anemia	2	0.1
D64	Other Anemias	27	1.5
D65-D69	Coagulation Defects, Purpura and Other Hemorrhagic Conditions	29	1.6
D65	Disseminated Intravascular Coagulation [Defibrination Syndrome]	7	0.4
D66	Hereditary Factor VIII Deficiency	1	0.1
D68	Other Coagulation Defects	13	0.7
D69	Purpura and Other Hemorrhagic Conditions	8	0.4
D70-D77	Other Diseases of Blood and Blood-forming Organs	6	0.3
D70	Agranulocytosis	4	0.2
D72	Other Disorders of White Blood Cells	2	0.1
D80-D89	Certain Disorders Involving the Immune Mechanism	8	0.4
D86	Sarcoidosis	7	0.4
D89	Other Disorders Involving the Immune Mechanism, Not Elsewhere Classified	1	0.1
E00-E90	Endocrine, Nutritional and Metabolic Diseases	1,145	61.7
E00-E07	Disorders of Thyroid Gland	33	1.8
E03	Other Hypothyroidism	29	1.6
E04	Other Nontoxic Goitre	1	0.1
E05	Thyrotoxicosis [Hyperthyroidism]	3	0.2
E10-E14	Diabetes Mellitus	792	42.7
E10	Insulin-Dependent Diabetes Mellitus	71	3.8
E11	Non-Insulin-Dependent Diabetes Mellitus	254	13.7
E14	Unspecified Diabetes Mellitus	467	25.2
E15-E16	Other Disorders of Glucose Regulation and Pancreatic Internal Secretion	1	0.1
E16	Other Disorders of Pancreatic Internal Secretion	1	0.1
E20-E35	Disorders of Other Endocrine Glands	11	0.6
E21	Hypoparathyroidism and Other Disorders of Parathyroid Gland	1	0.1

*Total death rates are calculated per 1,000 population; all other death rates are calculated per 100,000 population.

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Causes of Resident Deaths: Number and Rate
West Virginia, 2011
Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
E22	Hyperfunction of Pituitary Gland	3	0.2
E23	Hyperfunction and Other Disorders of Pituitary Gland	1	0.1
E27	Other Disorders of Adrenal Gland	5	0.3
E34	Other Endocrine Disorders	1	0.1
E40-E46	Malnutrition	27	1.5
E41	Nutritional Marasmus	1	0.1
E43	Unspecified Severe Protein-Energy Malnutrition	5	0.3
E46	Unspecified Protein-Energy Malnutrition	21	1.1
E50-E64	Other Nutritional Deficiencies	2	0.1
E53	Deficiency of Other B Group Vitamins	1	0.1
E63	Other Nutritional Deficiencies	1	0.1
E65-E68	Obesity and Other Hyperalimentation	72	3.9
E66	Obesity	72	3.9
E70-E90	Metabolic Disorders	207	11.2
E72	Other Disorders of Amino-Acid Metabolism	1	0.1
E78	Disorders of Lipoprotein Metabolism and Other Lipidemias	119	6.4
E83	Disorders of Mineral Metabolism	4	0.2
E84	Cystic Fibrosis	2	0.1
E85	Amyloidosis	3	0.2
E86	Volume Depletion	23	1.2
E87	Other Disorders of Fluid, Electrolyte and Acid-Base Balance	47	2.5
E88	Other Metabolic Disorders	8	0.4
F00-F99	Mental and Behavioral Disorders	1,098	59.2
F00-F09	Organic, Including Symptomatic, Mental Disorders	1,019	54.9
F01	Vascular Dementia	54	2.9
F03	Unspecified Dementia	955	51.5
F05	Delirium, Not Induced by Alcohol and Other Psychoactive Substances	3	0.2
F06	Other Mental Disorders due to Brain Damage and Dysfunction and to Physical Disease	6	0.3
F09	Unspecified Organic or Symptomatic Mental Disorder	1	0.1
F10-F19	Mental and Behavioral Disorders due to Psychoactive Substance Use	52	2.8
F10	Mental and Behavioral Disorders due to Use of Alcohol	40	2.2
F14	Mental and Behavioral Disorders due to Use of Cocaine	1	0.1
F15	Mental and Behavioral Disorders due to Use of Other Stimulants, Including Caffeine	1	0.1
F17	Mental and Behavioral Disorders due to Use of Tobacco	3	0.2
F19	Mental and Behavioral Disorders due to Multiple Drug Use and Use of Other Psychoactive Substances	7	0.4
F20-F29	Schizophrenia, Schizotypal and Delusional Disorders	6	0.3
F20	Schizophrenia	4	0.2
F25	Schizoaffective Disorders	1	0.1
F29	Unspecified Nonorganic Psychosis	1	0.1
F30-F39	Mood [Affective] Disorders	6	0.3
F31	Bipolar Affective Disorder	2	0.1
F32	Depressive Episode	4	0.2
F50-F59	Behavioral Syndromes Associated with Physiological Disturbances and Physical Factors	2	0.1
F54	Psychological and Behavioral Factors Associated with Disorders or Diseases Classified Elsewhere	2	0.1
F70-F79	Mental Retardation	12	0.6
F72	Severe Mental Retardation	2	0.1
F73	Profound Mental Retardation	1	0.1
F79	Unspecified Mental Retardation	9	0.5
F80-F89	Disorders of Psychological Development	1	0.1
F84	Pervasive Developmental Disorders	1	0.1
G00-G99	Diseases of the Nervous System	1,017	54.8
G00-G09	Inflammatory Diseases of the Central Nervous System	9	0.5
G03	Meningitis due to Other and Unspecified Causes	3	0.2
G04	Encephalitis, Myelitis and Encephalomyelitis	1	0.1
G06	Intracranial and Intraspinial Abscess and Granuloma	4	0.2
G09	Sequelae of Inflammatory Diseases of Central Nervous System	1	0.1
G10-G13	Systemic Atrophies Primarily Affecting the Central Nervous System	56	3.0
G10	Huntington's Disease	5	0.3
G11	Hereditary Ataxia	1	0.1
G12	Spinal Muscular Atrophy and Related Syndromes	50	2.7
G20-G26	Extrapyramidal and Movement Disorders	173	9.3

*Total death rates are calculated per 1,000 population; all other death rates are calculated per 100,000 population.

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Causes of Resident Deaths: Number and Rate
West Virginia, 2011
Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
G20	Parkinson's Disease	171	9.2
G21	Secondary Parkinsonism	1	0.1
G25	Other Extrapyrmidal and Movement Disorders	1	0.1
G30-G32	Other Degenerative Diseases of the Nervous System	634	34.2
G30	Alzheimer's Disease	609	32.8
G31	Other Degenerative Diseases of Nervous System, Not Elsewhere Classified	25	1.3
G35-G37	Demyelinating Diseases of the Central Nervous System	22	1.2
G35	Multiple Sclerosis	20	1.1
G37	Other Demyelinating	2	0.1
G40-G47	Episodic and Paroxysmal Disorders	10	0.5
G40	Epilepsy	3	0.2
G41	Status Epilepticus	3	0.2
G47	Sleep Disorders	4	0.2
G60-G64	Polyneuropathies and Other Disorders of the Peripheral Nervous System	7	0.4
G60	Hereditary and Idiopathic Neuropathy	1	0.1
G61	Inflammatory Polyneuropathy	3	0.2
G62	Other Polyneuropathies	3	0.2
G70-G73	Diseases of Myoneural Junction and Muscle	22	1.2
G70	Myasthenia Gravis and Other Myoneural Disorders	11	0.6
G71	Primary Disorders of Muscles	10	0.5
G72	Other Myopathies	1	0.1
G80-G83	Cerebral Palsy and Other Paralytic Syndromes	20	1.1
G80	Infantile Cerebral Palsy	11	0.6
G82	Paraplegia and Tetraplegia	7	0.4
G83	Other Paralytic Syndromes	2	0.1
G90-G99	Other Disorders of the Nervous System	64	3.4
G90	Disorders of Autonomic Nervous System	1	0.1
G91	Hydrocephalus	3	0.2
G92	Toxic Encephalopathy	1	0.1
G93	Other Disorders of Brain	56	3.0
G95	Other Diseases of Spinal Cord	2	0.1
G98	Other Disorders of Nervous System, Not Elsewhere Classified	1	0.1
I00-I99	Diseases of the Circulatory System	6,469	348.7
I00-I09, I11, I13, I20-I51	Diseases of the Heart	4,921	265.2
I05-I09	Chronic Rheumatic Heart Diseases	23	1.2
I05	Rheumatic Mitral Valve Diseases	12	0.6
I06	Rheumatic Aortic Valve Diseases	1	0.1
I07	Rheumatic Tricuspid Valve Diseases	1	0.1
I08	Multiple Valve Diseases	6	0.3
I09	Other Rheumatic Heart Diseases	3	0.2
I10-I15	Hypertensive Diseases	380	20.5
I10	Essential (Primary) Hypertension	180	9.7
I11	Hypertensive Heart Disease	121	6.5
I12	Hypertensive Renal Disease	63	3.4
I13	Hypertensive Heart and Renal Disease	16	0.9
I20-I25	Ischemic Heart Diseases	3,143	169.4
I20	Angina Pectoris	2	0.1
I21	Acute Myocardial Infarction	1,036	55.8
I24	Other Acute Ischemic Heart Diseases	16	0.9
I25	Chronic Ischemic Heart Disease	2,089	112.6
I26-I28	Pulmonary Heart Disease and Diseases of Pulmonary Circulation	116	6.3
I26	Pulmonary Embolism	68	3.7
I27	Other Pulmonary Heart Diseases	48	2.6
I30-I52	Other forms of Heart Diseases	1,502	81.0
I31	Other Diseases of Pericardium	7	0.4
I33	Acute and Subacute Endocarditis	7	0.4
I34	Nonrheumatic Mitral Valve Disorders	10	0.5
I35	Nonrheumatic Aortic Valve Disorders	94	5.1

*Total death rates are calculated per 1,000 population; all other death rates are calculated per 100,000 population.

Causes of Resident Deaths: Number and Rate
West Virginia, 2011
Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
I38	Endocarditis, Valve Unspecified	30	1.6
I40	Acute Myocarditis	2	0.1
I42	Cardiomyopathy	141	7.6
I44	Atrioventricular and Left Bundle-Branch Block	1	0.1
I45	Other Conduction Disorders	7	0.4
I46	Cardiac Arrest	271	14.6
I47	Paroxysmal Tachycardia	5	0.3
I48	Atrial Fibrillation and Flutter	159	8.6
I49	Other Cardiac Arrhythmias	74	4.0
I50	Heart Failure	589	31.7
I51	Complications and Ill-Defined Descriptions of Heart Disease	105	5.7
I60-I69	Cerebrovascular Diseases	1,047	56.4
I60	Subarachnoid Hemorrhage	42	2.3
I61	Intracerebral Hemorrhage	105	5.7
I62	Other Nontraumatic Intracranial Hemorrhage	82	4.4
I63	Cerebral Infarction	46	2.5
I64	Stroke, Not Specified as Hemorrhage or Infarction	644	34.7
I67	Other Cerebrovascular Diseases	68	3.7
I69	Sequelae of Cerebrovascular Disease	60	3.2
I70-I79	Diseases of Arteries, Arterioles and Capillaries	210	11.3
I70	Atherosclerosis	63	3.4
I71	Aortic Aneurysm and Dissection	81	4.4
I72	Other Aneurysm	5	0.3
I73	Other Peripheral Vascular Diseases	44	2.4
I74	Arterial Embolism and Thrombosis	9	0.5
I77	Other Disorders of Arteries and Arterioles	7	0.4
I78	Diseases of Capillaries	1	0.1
I80-I89	Diseases of Veins, Lymphatic Vessels and Lymph Nodes, Not Elsewhere Classified	45	2.4
I80	Phlebitis and Thrombophlebitis	35	1.9
I81	Portal Vein Thrombosis	1	0.1
I82	Other Venous Embolism and Thrombosis	3	0.2
I83	Varicose Veins of Lower Extremities	1	0.1
I85	Esophageal Varices	3	0.2
I87	Other Disorders of Veins	1	0.1
I89	Other Noninfective Disorders of Lymphatic Vessels and Lymph Nodes	1	0.1
I95-I99	Other and Unspecified Disorders of the Circulatory System	3	0.2
I95	Hypotension	2	0.1
I99	Other and Unspecified Disorders of Circulatory System	1	0.1
J00-J99	Diseases of the Respiratory System	2,506	135.1
J00-J06	Acute Upper Respiratory Infections	1	0.1
J06	Acute Upper Respiratory Infections of Multiple and Unspecified Sites	1	0.1
J09-J18	Influenza and Pneumonia	455	24.5
J09	Influenza due to Identified Avian Influenza Virus	3	0.2
J10	Influenza due to Identified Influenza Virus	11	0.6
J11	Influenza, Virus Not Identified	11	0.6
J13	Pneumonia due to Streptococcus Pneumoniae	2	0.1
J15	Bacterial Pneumonia, Not Elsewhere Classified	14	0.8
J18	Pneumonia, Organism Unspecified	414	22.3
J20-J22	Other Acute Lower Respiratory Infections	3	0.2
J20	Acute Bronchitis	2	0.1
J22	Unspecified Acute Lower Respiratory Infection	1	0.1
J30-J39	Other Diseases of Upper Respiratory Tract	4	0.2
J30	Vasomotor and Allergic Rhinitis	1	0.1
J38	Diseases of Vocal Cords and Larynx, Not Elsewhere Classified	1	0.1
J39	Other Diseases of Upper Respiratory Tract	2	0.1
J40-J47	Chronic Lower Respiratory Diseases	1,572	84.7
J40	Bronchitis, Not Specified as Acute or Chronic	8	0.4
J42	Unspecified Chronic Bronchitis	2	0.1
J43	Emphysema	82	4.4
J44	Other Chronic Obstructive Pulmonary Disease	1,453	78.3
J45	Asthma	22	1.2

*Total death rates are calculated per 1,000 population; all other death rates are calculated per 100,000 population.

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Causes of Resident Deaths: Number and Rate
West Virginia, 2011
Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
J47	Bronchiectasis	5	0.3
J60-J70	Lung Diseases due to External Agents	186	10.0
J60	Coalworker's Pneumoconiosis	36	1.9
J61	Pneumoconiosis due to Asbestos and Other Mineral Fibers	8	0.4
J62	Pneumoconiosis due to Dust Containing Silica	4	0.2
J64	Unspecified Pneumoconiosis	17	0.9
J69	Pneumonitis due to Solids and Liquids	121	6.5
J80-J84	Other Respiratory Diseases Principally Affecting the Interstitium	133	7.2
J80	Adult Respiratory Distress Syndrome	17	0.9
J81	Pulmonary Edema	6	0.3
J82	Pulmonary Eosinophilia, Not Elsewhere Classified	1	0.1
J84	Other Interstitial Pulmonary Diseases	109	5.9
J85-J86	Suppurative and Necrotic Conditions of Lower Respiratory Tract	5	0.3
J85	Abscess of Lung and Mediastinum	2	0.1
J86	Pyothorax	3	0.2
J90-J94	Other Diseases of Pleura	19	1.0
J90	Pleural Effusion, Not Elsewhere Classified	12	0.6
J92	Pleural Plaque	1	0.1
J93	Pneumothorax	6	0.3
J95-J99	Other Diseases of the Respiratory System	128	6.9
J96	Respiratory Failure, Not Elsewhere Classified	78	4.2
J98	Other Respiratory Disorders	50	2.7
K00-K93	Diseases of the Digestive System	857	46.2
K00-K14	Diseases of Oral Cavity, Salivary Glands and Jaws	2	0.1
K08	Other Disorders of Teeth and Supporting Structures	2	0.1
K20-K31	Diseases of Esophagus, Stomach and Duodenum	45	2.4
K20	Esophagitis	1	0.1
K21	Gastro-esophageal Reflux Disease	5	0.3
K22	Other Diseases of Esophagus	10	0.5
K25	Gastric Ulcer	16	0.9
K26	Duodenal Ulcer	3	0.2
K27	Peptic Ulcer, Site Unspecified	5	0.3
K28	Gastrojejunal Ulcer	1	0.1
K29	Gastritis and Duodenitis	1	0.1
K31	Other Diseases of Stomach and Duodenum	3	0.2
K35-K38	Diseases of Appendix	1	0.1
K35	Acute Appendicitis	1	0.1
K40-K46	Hernia	16	0.9
K40	Inguinal Hernia	3	0.2
K41	Femoral Hernia	1	0.1
K42	Umbilical Hernia	1	0.1
K43	Ventral Hernia	3	0.2
K44	Diaphragmatic Hernia	3	0.2
K46	Unspecified Abdominal Hernia	5	0.3
K50-K52	Noninfective Enteritis and Colitis	14	0.8
K50	Crohn's Disease [Regional Enteritis]	9	0.5
K51	Ulcerative Colitis	4	0.2
K52	Other Noninfective Gastroenteritis and Colitis	1	0.1
K55-K63	Other Diseases of Intestines	190	10.2
K55	Vascular Disorders of Intestine	80	4.3
K56	Paralytic Ileus and Intestinal Obstruction without Hernia	40	2.2
K57	Diverticular Disease of Intestine	24	1.3
K59	Other Functional Intestinal Disorders	8	0.4
K60	Fissure and Fistula of Anal and Rectal Regions	1	0.1
K61	Abscess of Anal and Rectal Regions	3	0.2
K62	Other Diseases of Anus and Rectum	2	0.1
K63	Other Diseases of Intestine	32	1.7
K65-K67	Diseases of Peritoneum	19	1.0
K65	Peritonitis	14	0.8
K66	Other Disorders of Peritoneum	5	0.3
K70-K77	Diseases of Liver	410	22.1

*Total death rates are calculated per 1,000 population; all other death rates are calculated per 100,000 population.

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Causes of Resident Deaths: Number and Rate
West Virginia, 2011
Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
K70	Alcoholic Liver Disease	108	5.8
K72	Hepatic Failure, Not Elsewhere Classified	51	2.7
K74	Fibrosis and Cirrhosis of Liver	169	9.1
K75	Other Inflammatory Liver Diseases	6	0.3
K76	Other Diseases of Liver	76	4.1
K80-K87	Disorders of Gallbladder, Biliary Tract and Pancreas	75	4.0
K80	Chololithiasis	5	0.3
K81	Cholecystitis	18	1.0
K82	Other Diseases of Gallbladder	5	0.3
K83	Other Diseases of Biliary Tract	8	0.4
K85	Acute Pancreatitis	31	1.7
K86	Other Diseases of Pancreas	8	0.4
K90-K93	Other Diseases of the Digestive System	85	4.6
K90	Intestinal Malabsorption	4	0.2
K92	Other Diseases of Digestive System	81	4.4
L00-L99	Diseases of the Skin and Subcutaneous Tissue	34	1.8
L00-L08	Infections of the Skin and Subcutaneous Tissue	13	0.7
L02	Cutaneous Abscess, Furuncle and Carbuncle	1	0.1
L03	Cellulitis	9	0.5
L08	Other Local Infections of Skin and Subcutaneous Tissue	3	0.2
L10-L14	Bullous Disorders	2	0.1
L10	Pemphigus	1	0.1
L12	Pemphigoid	1	0.1
L50-L54	Urticaria and Erythema	1	0.1
L51	Erythema Multiforme	1	0.1
L80-L99	Other Disorders of the Skin and Subcutaneous Tissue	18	1.0
L89	Decubitus Ulcer	14	0.8
L97	Ulcer of Lower Limb, Not Elsewhere Classified	2	0.1
L98	Other Disorders of Skin and Subcutaneous Tissue, Not Elsewhere Classified	2	0.1
M00-M99	Diseases of the Musculoskeletal System and Connective Tissue	102	5.5
M00-M25	Arthropathies	42	2.3
M00-M03	Infectious Arthropathies	5	0.3
M00	Pyogenic Arthritis	5	0.3
M05-M14	Inflammatory Polyarthropathies	27	1.5
M05	Seropositive Rheumatoid Arthritis	3	0.2
M06	Other Rheumatoid Arthritis	22	1.2
M10	Gout	1	0.1
M13	Other Arthritis	1	0.1
M15-M19	Arthrosis	7	0.4
M19	Other Arthrosis	7	0.4
M20-M25	Other Joint Disorders	3	0.2
M25	Other Joint Disorders, Not Elsewhere Classified	3	0.2
M30-M36	Systemic Connective Tissue Disorders	25	1.3
M30	Polyarteritis Nodosa and Related Conditions	2	0.1
M31	Other Necrotizing Vasculopathies	9	0.5
M32	Systemic Lupus Erythematosus	8	0.4
M34	Systemic Sclerosis	1	0.1
M35	Other Systemic Involvement of Connective Tissue	5	0.3
M40-M54	Dorsopathies	10	0.5
M40-M43	Deforming Dorsopathies	2	0.1
M41	Scoliosis	2	0.1
M45-M49	Spondylopathies	5	0.3
M46	Other Inflammatory Spondylopathies	2	0.1
M47	Spondylosis	1	0.1
M48	Other Spondylopathies	2	0.1
M50-M54	Other Dorsopathies	3	0.2
M51	Other Intervertebral Disc Disorders	1	0.1
M54	Dorsalgia	2	0.1
M60-M79	Soft Tissue Disorders	8	0.4
M60-M63	Disorders of Muscles	7	0.4

*Total death rates are calculated per 1,000 population; all other death rates are calculated per 100,000 population.

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Causes of Resident Deaths: Number and Rate
West Virginia, 2011
Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
M62	Other Disorders of Muscle	7	0.4
M70-M79	Other Soft Tissue Disorders	1	0.1
M72	Fibroblastic Disorders	1	0.1
M80-M94	Osteopathies and Chondropathies	17	0.9
M80-M85	Disorders of Bone Density and Structure	9	0.5
M80	Osteoporosis with Pathological Fracture	1	0.1
M81	Osteoporosis without Pathological Fracture	6	0.3
M84	Disorders of Continuity of Bone	2	0.1
M86-M90	Other Osteopathies	8	0.4
M86	Osteomyelitis	8	0.4
N00-N99	Diseases of the Genitourinary System	579	31.2
N00-N08	Glomerular Diseases	5	0.3
N00	Acute Nephritic Syndrome	3	0.2
N01	Rapidly Progressive Nephritic Syndrome	1	0.1
N03	Chronic Nephrotic Syndrome	1	0.1
N10-N16	Renal Tubulo-Interstitial Diseases	5	0.3
N10	Acute Tubulo-Interstitial Nephritis	1	0.1
N12	Tubulo-Interstitial Nephritis, Not Specified as Acute or Chronic	2	0.1
N13	Obstructive and Reflux Uropathy	1	0.1
N15	Other Renal Tubulo-Interstitial Diseases	1	0.1
N17-N19	Renal Failure	439	23.7
N17	Acute Renal Failure	67	3.6
N18	Chronic Renal Failure	239	12.9
N19	Unspecified Renal Failure	133	7.2
N20-N23	Urolithiasis	1	0.1
N20	Calculus of Kidney and Ureter	1	0.1
N25-N29	Other Disorders of Kidney and Ureter	11	0.6
N28	Other Disorders of Kidney and Ureter, Not Elsewhere Classified	11	0.6
N30-N39	Other Diseases of the Urinary System	107	5.8
N30	Cystitis	2	0.1
N31	Neuromuscular Dysfunction of Bladder, Not Elsewhere Classified	1	0.1
N32	Other Disorders of Bladder	3	0.2
N36	Other Disorders of Urethra	1	0.1
N39	Other Disorders of Urinary System	100	5.4
N40-N51	Diseases of Male Genital Organs	7	0.4
N40	Hyperplasia of Prostate	5	0.3
N48	Other Disorders of Penis	1	0.1
N49	Inflammatory Disorders of Male Genital Organs, Not Elsewhere Classified	1	0.1
N60-N64	Disorders of Breast	1	0.1
N61	Inflammatory Disorders of Breast	1	0.1
N80-N98	Noninflammatory Disorders of Female Genital Tract	3	0.2
N82	Fistula Involving Female Genital Tract	2	0.1
N93	Other Abnormal Uterine and Vaginal Bleeding	1	0.1
P00-P96	Certain Conditions Originating in the Perinatal Period	57	3.1
P00-P04	Fetus and Newborn Affected by Maternal Factors and by Complications of Pregnancy, Labor and Delivery	10	0.5
P00	Fetus and Newborn Affected by Maternal Conditions That May Be Unrelated to Present Pregnancy	1	0.1
P01	Fetus and Newborn Affected by Maternal Complications of Pregnancy	5	0.3
P02	Fetus and Newborn Affected by Complications of Placenta, Cord and Membranes	4	0.2
P05-P08	Disorders Related to Length of Gestation and Fetal Growth	17	0.9
P07	Disorders Related to Short Gestation and Low Birthweight, Not Elsewhere Classified	17	0.9
P20-P29	Respiratory and Cardiovascular Disorders Specific to the Perinatal Period	18	1.0
P22	Respiratory Distress of Newborn	7	0.4
P25	Interstitial Emphysema and Related Conditions Originating in the Perinatal Period	1	0.1
P27	Chronic Respiratory Disease Originating in the Perinatal Period	2	0.1
P28	Other Respiratory Conditions Originating in the Perinatal Period	4	0.2
P29	Cardiovascular Disorders Originating in the Perinatal Period	4	0.2
P35-P39	Infections Specific to the Perinatal Period	3	0.2
P36	Bacterial Sepsis of Newborn	3	0.2
P50-P61	Hemorrhagic and Hematological Disorders of Fetus and Newborn	3	0.2
P50	Fetal Blood Loss	1	0.1
P52	Intracranial Nontraumatic Hemorrhage of Fetus and Newborn	2	0.1

*Total death rates are calculated per 1,000 population; all other death rates are calculated per 100,000 population.

**Maternal death rates are calculated per 100,000 live births.

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Causes of Resident Deaths: Number and Rate
West Virginia, 2011
Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
P70-P74	Transitory Endocrine and Metabolic Disorders Specific to Fetus and Newborn	1	0.1
P70	Transitory Disorders of Carbohydrate Metabolism Specific to Fetus and Newborn	1	0.1
P75-P78	Digestive System Disorders of Fetus and Newborn	1	0.1
P77	Necrotizing Enterocolitis of Fetus and Newborn	1	0.1
P80-P83	Conditions Involving the Integument and Temperature Regulation of Fetus and Newborn	2	0.1
P83	Other Conditions of Integument Specific to Fetus and Newborn	2	0.1
P90-P96	Other Disorders Originating in the Perinatal Period	2	0.1
P91	Other Disturbances of Cerebral Status of Newborn	1	0.1
P96	Other Conditions Originating in the Perinatal Period	1	0.1
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	78	4.2
Q00-Q07	Congenital Malformations of the Nervous System	15	0.8
Q00	Anencephaly and Similar Malformations	2	0.1
Q03	Congenital Hydrocephalus	1	0.1
Q04	Other Congenital Malformations of Brain	7	0.4
Q05	Spina Bifida	4	0.2
Q07	Other Congenital Malformations of Nervous System	1	0.1
Q10-Q18	Congenital Malformations of Eye, Ear, Face and Neck	1	0.1
Q18	Other Congenital Malformations of Face and Neck	1	0.1
Q20-Q28	Congenital Malformations of the Circulatory System	26	1.4
Q20	Congenital Malformations of Cardiac Chambers and Connections	3	0.2
Q21	Congenital Malformations of Cardiac Septa	6	0.3
Q22	Congenital Malformations of Pulmonary and Tricuspid Valves	1	0.1
Q23	Congenital Malformations of Aortic and Mitral Valves	6	0.3
Q24	Other Congenital Malformations of the Heart	7	0.4
Q25	Congenital Malformations of Great Arteries	1	0.1
Q27	Other Congenital Malformations of Peripheral Vascular System	2	0.1
Q30-Q34	Congenital Malformations of the Respiratory System	4	0.2
Q30	Congenital Malformations of Nose	1	0.1
Q33	Congenital Malformations of Lung	3	0.2
Q60-Q64	Congenital Malformations of the Urinary System	10	0.5
Q60	Renal Agenesis and Other Reduction Defects of Kidney	4	0.2
Q61	Cystic Kidney Disease	5	0.3
Q63	Other Congenital Malformations of Kidney	1	0.1
Q65-Q79	Congenital Malformations and Deformations of the Musculoskeletal System	5	0.3
Q67	Congenital Musculoskeletal Deformities of Head, Face, Spine and Chest	1	0.1
Q77	Osteochondrodysplasia with Defects of Growth of Tubular Bones and Spine	1	0.1
Q79	Congenital Malformations of Musculoskeletal System, Not Elsewhere Classified	3	0.2
Q80-Q89	Other Congenital Malformations	8	0.4
Q81	Epidermolysis Bullosa	1	0.1
Q82	Other Congenital Malformations of Skin	2	0.1
Q85	Phakomatoses, Not Elsewhere Classified	1	0.1
Q87	Other Specified Congenital Malformation Syndromes Affecting Multiple Systems	2	0.1
Q89	Other Congenital Malformations, Not Elsewhere Classified	2	0.1
Q90-Q99	Chromosomal Abnormalities, Not Elsewhere Classified	9	0.5
Q90	Down's Syndrome	5	0.3
Q91	Edwards' Syndrome and Patau's Syndrome	4	0.2
R00-R99	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	461	24.8
R00-R09	Symptoms and Signs Involving the Circulatory and Respiratory Systems	30	1.6
R06	Abnormalities of Breathing	5	0.3
R09	Other Symptoms and Signs Involving the Circulatory and Respiratory Systems	25	1.3
R10-R19	Symptoms and Signs Involving the Digestive System and Abdomen	4	0.2
R13	Dysphagia	1	0.1
R18	Ascites	1	0.1
R19	Other Symptoms and Signs Involving the Digestive System and Abdomen	2	0.1
R25-R29	Symptoms and Signs Involving the Nervous and Musculoskeletal System	1	0.1
R29	Other Symptoms and Signs Involving the Nervous and Musculoskeletal System	1	0.1
R40-R46	Symptoms and Signs Involving Cognition, Perception, Emotional State and Behavior	1	0.1
R42	Dizziness and Giddiness	1	0.1
R50-R69	General Symptoms and Signs	162	8.7
R53	Malaise and Fatigue	18	1.0

*Total death rates are calculated per 1,000 population; all other death rates are calculated per 100,000 population.

Causes of Resident Deaths: Number and Rate
West Virginia, 2011
Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
R54	Senility	46	2.5
R56	Convulsions, Not Elsewhere Classified	8	0.4
R57	Shock, Not Elsewhere Classified	10	0.5
R58	Hemorrhage, Not Elsewhere Classified	8	0.4
R62	Lack of Expected Normal Physiological Development	56	3.0
R64	Cachexia	1	0.1
R68	Other General Symptoms and Signs	15	0.8
R90-R94	Abnormal Findings on Diagnostic Imaging and in Function Studies, without Diagnosis	5	0.3
R91	Abnormal Findings on Diagnostic Imaging of Lung	5	0.3
R95-R99	Ill-Defined and Unknown Causes of Mortality	258	13.9
R95	Sudden Infant Death Syndrome	24	1.3
R96	Other Sudden Death, Cause Unknown	20	1.1
R99	Other Ill-Defined and Unspecified Causes of Mortality	214	11.5
V01-Y98	External Causes of Morbidity and Mortality	1,968	106.1
V01-V99	Transport Accidents	393	21.2
V01-V09	Pedestrian Injured in Transport Accident	34	1.8
V02	Pedestrian Injured in Collision with Two- or Three-Wheeled Motor Vehicle	1	0.1
V03	Pedestrian Injured in Collision with Car, Pickup Truck or Van	11	0.6
V05	Pedestrian Injured in Collision with Railway Train or Railway Vehicle	6	0.3
V09	Pedestrian Injured in Other and Unspecified Transport Accidents	16	0.9
V10-V19	Pedal Cyclist Injured in Transport Accident	1	0.1
V18	Pedal Cyclist Injured in Noncollision Transport Accident	1	0.1
V20-V29	Motorcycle Rider Injured in Transport Accident	30	1.6
V20	Motorcycle Rider Injured in Collision with Pedestrian or Animal	1	0.1
V23	Motorcycle Rider Injured in Collision with Car, Pickup Truck or Van	7	0.4
V27	Motorcycle Rider Injured in Collision with Fixed or Stationary Object	5	0.3
V28	Motorcycle Rider Injured in Noncollision Transport Accident	3	0.2
V29	Motorcycle Rider Injured in Other and Unspecified Transport Accidents	14	0.8
V40-V49	Car Occupant Injured in Transport Accident	37	2.0
V43	Car Occupant Injured in Collision with Car, Pickup Truck or Van	8	0.4
V44	Car Occupant Injured in Collision with Heavy Transport Vehicle or Bus	1	0.1
V45	Car Occupant Injured in Collision with Railway Train or Railway Vehicle	1	0.1
V47	Car Occupant Injured in Collision with Fixed or Stationary Object	6	0.3
V48	Car Occupant Injured in Noncollision Transport Accident	7	0.4
V49	Car Occupant Injured in Other and Unspecified Transport Accidents	14	0.8
V50-V59	Occupant of Pickup or Van Injured in Transport Accident	13	0.7
V53	Occupant of Pickup or Van Injured in Collision with Car, Pickup Truck or Van	1	0.1
V57	Occupant of Pickup or Van Injured in Collision with Fixed or Stationary Object	2	0.1
V58	Occupant of Pickup or Van Injured in Noncollision Transport Accident	5	0.3
V59	Occupant of Pickup or Van Injured in Other and Unspecified Transport Accidents	5	0.3
V60-V69	Occupant of Heavy Transport Vehicle Injured in Transport Accident	1	0.1
V68	Occupant of Heavy Transport Vehicle Injured in Noncollision Transport Accident	1	0.1
V80-V89	Other Land Transport Accidents	270	14.6
V80	Animal Rider or Occupant of Animal-Drawn Vehicle Injured in Transport Accident	1	0.1
V86	Occupant of Motor Vehicle Designed Primarily for Off-Road Use, Injured in Transport Accident	32	1.7
V87	Traffic Accident of Specified Type but Victim's Mode of Transport Unknown	82	4.4
V89	Motor- or Nonmotor-Vehicle Accident, Type of Vehicle Unspecified	155	8.4
V90-V94	Water Transport Accidents	6	0.3
V90	Accident to Watercraft Causing Drowning and Submersion	3	0.2
V91	Accident to Watercraft Causing Other Injury	1	0.1
V92	Water-Transport-Related Drowning and Submersion without Accident to Watercraft	2	0.1
V95-V97	Air and Space Transport Accidents	1	0.1
V95	Accident to Powered Aircraft Causing Injury to Occupant	1	0.1
W00-X59	Other External Causes of Accidental Injury	1,034	55.7
W00-W19	Falls	225	12.1
W00	Fall on Same Level Involving Ice and Snow	2	0.1
W01	Fall on Same Level from Slipping, Tripping and Stumbling	8	0.4
W05	Fall Involving Wheelchair	3	0.2
W06	Fall Involving Bed	10	0.5
W07	Fall Involving Chair	5	0.3

*Total death rates are calculated per 1,000 population; all other death rates are calculated per 100,000 population.

Causes of Resident Deaths: Number and Rate
West Virginia, 2011
Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
W08	Fall Involving Other Furniture	1	0.1
W10	Fall on and from Stairs and Steps	27	1.5
W11	Fall on and from Ladder	4	0.2
W13	Fall from, out of or through Building or Structure	8	0.4
W15	Fall from Cliff	1	0.1
W17	Other Fall from One Level to Another	5	0.3
W18	Other Fall on Same Level	101	5.4
W19	Unspecified Fall	50	2.7
W20-W49	Exposure to Inanimate Mechanical Forces	39	2.1
W20	Struck by Thrown, Projected or Falling Object	12	0.6
W23	Caught, Crushed, Jammed or Pinched in or between Objects	2	0.1
W24	Contact with Lifting and Transmission Devices, Not Elsewhere Classified	1	0.1
W28	Contact with Powered Lawnmower	3	0.2
W30	Contact with Agricultural Machinery	7	0.4
W31	Contact with Other and Unspecified Machinery	4	0.2
W32	Handgun Discharge	1	0.1
W34	Discharge from Other and Unspecified Firearms	7	0.4
W40	Explosion of Other Materials	2	0.1
W65-W74	Accidental Drowning and Submersion	24	1.3
W66	Drowning and Submersion Following Fall in Bath Tub	1	0.1
W69	Drowning and Submersion while in Natural Water	15	0.8
W70	Drowning and Submersion Following Fall in Natural Water	1	0.1
W73	Other Specified Drowning and Submersion	1	0.1
W74	Unspecified Drowning and Submersion	6	0.3
W75-W84	Other Accidental Threats to Breathing	61	3.3
W75	Accidental Suffocation and Strangulation in Bed	2	0.1
W76	Other Accidental Hanging and Strangulation	2	0.1
W78	Inhalation of Gastric Contents	2	0.1
W79	Inhalation and Ingestion of Food Causing Obstruction of Respiratory Tract	4	0.2
W80	Inhalation and Ingestion of Other Objects Causing Obstruction of Respiratory Tract	48	2.6
W83	Other Specified Threats to Breathing	2	0.1
W84	Unspecified Threat to Breathing	1	0.1
W85-W99	Exposure to Electric Current, Radiation and Extreme Ambient Air Temperature and Pressure	4	0.2
W85	Exposure to Electric Transmission Lines	2	0.1
W87	Exposure to Unspecified Electric Current	2	0.1
X00-X09	Exposure to Smoke, Fire and Flames	24	1.3
X00	Exposure to Uncontrolled Fire in Building or Structure	10	0.5
X03	Exposure to Controlled Fire, Not in Building or Structure	1	0.1
X06	Exposure to Ignition or Melting of Other Clothing and Apparel	3	0.2
X09	Exposure to Unspecified Smoke, Fire and Flames	10	0.5
X20-X29	Contact with Venomous Animals and Plants	3	0.2
X23	Contact with Hornets, Wasps and Bees	3	0.2
X30-X39	Exposure to Forces of Nature	17	0.9
X30	Exposure to Excessive Natural Heat	3	0.2
X31	Exposure to Excessive Natural Cold	14	0.8
X40-X49	Accidental Poisoning by and Exposure to Noxious Substances	603	32.5
X40	Accidental Poisoning by Nonopioid Analgesics, Antipyretics and Antirheumatics	3	0.2
X41	Accidental Poisoning by Antiepileptic, Sedative-hypnotic, Antiparkinsonism and Psychotropic Drugs	24	1.3
X42	Accidental Poisoning by Narcotics and Psychodysleptics [Hallucinogens], Not Elsewhere Classified	125	6.7
X44	Accidental Poisoning by Other and Unspecified Drugs, Medicaments and Biological Substances	428	23.1
X45	Accidental Poisoning by Alcohol	14	0.8
X46	Accidental Poisoning by Organic Solvents and Halogenated Hydrocarbons and Their Vapors	2	0.1
X47	Accidental Poisoning by Other Gases and Vapors	6	0.3
X49	Accidental Poisoning by Other and Unspecified Chemicals and Noxious Substances	1	0.1
X58-X59	Accidental Exposure to Other and Unspecified Factors	34	1.8
X59	Exposure to Unspecified Factors	34	1.8
X60-X84	Intentional Self-Harm	309	16.7
X60	Intentional Self-Poisoning by Nonopioid Analgesics, Antipyretics and Antirheumatics	2	0.1
X61	Intentional Self-Poisoning by Antiepileptic, Sedative-Hypnotic, Antiparkinsonism and Psychotropic Drugs	7	0.4
X62	Intentional Self-Poisoning by Narcotics and Psychodysleptics [Hallucinogens], Not Elsewhere Classified	2	0.1

*Total death rates are calculated per 1,000 population; all other death rates are calculated per 100,000 population.

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Causes of Resident Deaths: Number and Rate
West Virginia, 2011
Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
X64	Intentional Self-Poisoning by Other and Unspecified Drugs, Medicaments and Biological Substances	20	1.1
X67	Intentional Self-Poisoning by Other Gases and Vapors	7	0.4
X70	Intentional Self-Harm by Hanging, Strangulation and Suffocation	56	3.0
X71	Intentional Self-Harm by Drowning and Submersion	2	0.1
X72	Intentional Self-Harm by Handgun Discharge	85	4.6
X73	Intentional Self-Harm by Rifle, Shotgun and Larger Firearm Discharge	44	2.4
X74	Intentional Self-Harm by Other and Unspecified Firearm Discharge	71	3.8
X76	Intentional Self-Harm by Smoke, Fire and Flames	1	0.1
X78	Intentional Self-Harm by Sharp Object	5	0.3
X80	Intentional Self-Harm by Jumping from a High Place	1	0.1
X81	Intentional Self-Harm by Jumping or Lying Before a Moving Object	2	0.1
X83	Intentional Self-Harm by Other Specific Means	3	0.2
X84	Intentional Self-Harm by Unspecified Means	1	0.1
X85-Y09	Assault	105	5.7
X85	Assault by Drugs, Medicaments and Biological Substances	1	0.1
X88	Assault by Gases and Vapors	1	0.1
X91	Assault by Hanging, Strangulation and Suffocation	6	0.3
X92	Assault by Drowning and Submersion	1	0.1
X93	Assault by Handgun Discharge	9	0.5
X94	Assault by Rifle, Shotgun and Larger Firearm Discharge	7	0.4
X95	Assault by Other and Unspecified Firearm Discharge	50	2.7
X99	Assault by Sharp Object	8	0.4
Y00	Assault by Blunt Object	1	0.1
Y06	Neglect and Abandonment	1	0.1
Y07	Other Maltreatment Syndromes	4	0.2
Y09	Assault by Unspecified Means	16	0.9
Y10-Y34	Event of Undetermined Intent	80	4.3
Y11	Poisoning by Antiepileptic, Sedative-Hypnotic, Antiparkinsonism and Psychotropic Drugs, Undetermined Intent	7	0.4
Y12	Poisoning by Narcotics and Psychodysleptics [Hallucinogens], Undetermined Intent	3	0.2
Y14	Poisoning by Other and Unspecified Drugs, Medicaments and Biological Substances, Undetermined Intent	26	1.4
Y17	Poisoning by Other Gases and Vapors, Undetermined Intent	1	0.1
Y20	Hanging, Strangulation and Suffocation, Undetermined Intent	1	0.1
Y21	Drowning and Submersion, Undetermined Intent	2	0.1
Y23	Rifle, Shotgun and Larger Firearm Discharge, Undetermined Intent	1	0.1
Y24	Other and Unspecified Firearm Discharge, Undetermined Intent	1	0.1
Y26	Exposure to Smoke, Fire and Flames, Undetermined Intent	12	0.6
Y33	Other Specified Events, Undetermined Intent	3	0.2
Y34	Unspecified Event, Undetermined Intent	23	1.2
Y35-Y36	Legal Intervention and Operations of War	2	0.1
Y35	Legal Intervention	2	0.1
Y40-Y84	Complications of Medical and Surgical Care	25	1.3
Y40-Y59	Drugs, Medicaments and Biological Substances Causing Adverse Effects in Therapeutic Use	4	0.2
Y44	Agents Primarily Affecting Blood Constituents	2	0.1
Y57	Other and Unspecified Drugs and Medicaments	2	0.1
Y83-Y84	Medical Procedures as the Cause of Abnormal Reaction, Not Noticed at the Time of the Procedure	21	1.1
Y83	Surgical Procedures as the Cause of Abnormal Reaction, Not Noticed at the Time of the Procedure	17	0.9
Y84	Other Medical Procedures as the Cause of Abnormal Reaction, Not Noticed at the Time of the Procedure	4	0.2
Y85-Y89	Sequelae of External Causes of Morbidity and Mortality	20	1.1
Y85	Sequelae of Transport Accidents	12	0.6
Y86	Sequelae of Other Accidents	6	0.3
Y87	Sequelae of Intentional Self-Harm, Assault and Event of Undetermined Intent	2	0.1

*Total death rates are calculated per 1,000 population; all other death rates are calculated per 100,000 population.

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Selected Causes of Resident Deaths: Number by Race and Gender
West Virginia, 2011
Table 25

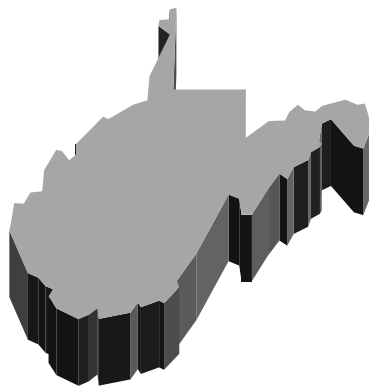
Selected Causes of Death	Number by Race and Gender						Total
	White or Caucasian*		Black or African American		All Other Races		
	Male	Female	Male	Female	Male	Female	
Fetal Deaths	37	49	2	2	0	0	90
Total Deaths, All Causes	10,684	10,500	357	296	15	18	21,870
--Deaths Under One Year	72	56	10	2	1	0	141
--Deaths Under 28 Days	45	33	7	0	1	0	86
Tuberculosis	2	0	0	0	0	0	2
Septicemia	133	171	6	5	1	0	316
Human Immunodeficiency Virus Infection	7	2	1	1	0	0	11
Malignant Neoplasms	2,521	2,110	81	61	2	4	4,779
--of Digestive Organs	638	394	26	15	0	1	1,074
----Colon	185	144	9	5	0	1	344
----Pancreas	141	99	3	5	0	0	248
--of Respiratory and Intrathoracic Organs	873	627	28	8	0	1	1,537
----Trachea, Bronchus and Lung	850	616	27	8	0	1	1,502
--of Breast	4	294	0	8	0	1	307
--of Genitourinary Organs	326	323	13	15	2	0	679
----Cervix Uteri	0	50	0	1	0	0	51
----Ovary	0	111	0	4	0	0	115
----Prostate	180	0	11	0	0	0	191
----Bladder	73	25	2	5	2	0	107
--All Other (Malignant Neoplasms)	680	472	14	15	0	1	1,182
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	62	47	1	1	0	0	111
Diabetes Mellitus	403	344	21	22	1	1	792
Dementia	293	679	12	24	0	1	1,009
Alzheimer's Disease	188	411	2	7	0	1	609
Major Cardiovascular Disease	3,025	3,181	97	106	6	6	6,421
--Diseases of the Heart	2,433	2,332	77	71	6	2	4,921
----Ischemic Heart Disease	1,679	1,373	49	37	3	2	3,143
--Essential Hypertension and Hypertensive Renal Disease	101	132	5	5	0	0	243
--Cerebrovascular Diseases (Stroke)	387	619	14	25	0	2	1,047
--Arteriosclerosis	28	35	0	0	0	0	63
--Other Diseases of Arteries, Arterioles and Capillaries	76	63	1	5	0	2	147
Influenza and Pneumonia	191	256	5	3	0	0	455
--Influenza	8	17	0	0	0	0	25
--Pneumonia	183	239	5	3	0	0	430
Chronic Lower Respiratory Diseases	732	820	11	8	0	1	1,572
--Bronchitis, Emphysema and Asthma	56	54	2	2	0	0	114
Lung Diseases due to External Agents	127	53	5	1	0	0	186
--Coal Worker's Pneumoconiosis	33	0	3	0	0	0	36
Chronic Liver Disease and Cirrhosis	181	92	3	1	0	0	277
Nephritis, Nephrotic Syndrome and Nephrosis	214	211	14	4	1	0	444
Congenital Malformations	36	40	1	1	0	0	78
Ill-Defined and Unknown Causes of Death	123	122	9	4	0	0	258
Accidents, All Forms	899	507	27	10	0	2	1,445
--Motor Vehicle	251	114	10	1	0	1	377
--Falls	104	118	2	1	0	0	225
--Drownings	20	3	1	0	0	0	24
--Smoke, Fire and Flames	14	10	0	0	0	0	24
--Poisonings	387	198	11	7	0	0	603
--Other Accidents	123	64	3	1	0	1	192
Intentional Self-Harm (Suicide)	246	59	4	0	0	0	309
Assault (Homicide)	62	29	13	3	0	0	107
Injury Undetermined Whether Accidental or Purposely Inflicted	35	41	3	1	0	0	80
All Other Causes (Residual)	1,204	1,325	41	33	4	2	2,609

Selected Causes of Resident Deaths by Age Group
West Virginia, 2011
Table 26

Selected Causes of Death	Total	Age In Years										Average Age at Death
		Less Than One	1-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 and Over	
Total Deaths, All Causes	21,870	141	56	221	430	746	1,679	2,959	3,990	5,767	5,881	72.1
--Deaths Under One Year	141	141	0	0	0	0	0	0	0	0	0	0.1
--Deaths Under 28 Days	86	86	0	0	0	0	0	0	0	0	0	0.0
Tuberculosis	2	0	0	0	0	0	0	0	1	1	0	75.0
Septicemia	316	1	5	1	4	7	22	52	68	84	72	71.6
Human Immunodeficiency Virus Infection	11	0	0	0	0	4	4	2	0	0	1	50.5
Malignant Neoplasms	4,779	0	4	12	23	105	403	962	1,316	1,307	647	70.3
--of Digestive Organs	1,074	0	0	2	3	28	106	233	290	268	144	69.6
----Colon	344	0	0	1	0	9	27	54	89	103	61	72.0
----Pancreas	248	0	0	0	2	4	20	52	72	61	37	70.5
--of Respiratory and Intrathoracic Organs	1,537	0	0	1	1	15	124	319	490	453	134	70.3
----Trachea, Bronchus and Lung	1,502	0	0	0	1	15	121	311	482	440	132	70.3
--of Breast	307	0	0	1	1	16	45	81	66	56	41	67.0
--of Genitourinary Organs	679	0	1	2	2	17	45	110	170	193	139	72.5
----Cervix Uteri	51	0	0	1	0	11	14	15	8	2	0	53.9
----Ovary	115	0	0	0	0	4	12	25	35	26	13	68.6
----Prostate	191	0	0	0	0	0	1	11	42	74	63	79.6
----Bladder	107	0	0	0	0	1	3	11	37	28	27	74.8
--All Other (Malignant Neoplasms)	1,182	0	3	6	16	29	83	219	300	337	189	70.7
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	111	0	1	1	1	0	3	14	16	38	37	76.7
Diabetes Mellitus	792	0	0	0	8	22	65	151	184	221	141	71.3
Dementia	1,009	0	0	0	0	1	1	15	60	280	652	86.4
Alzheimer's Disease	609	0	0	0	0	0	0	6	38	190	375	85.7
Major Cardiovascular Disease	6,421	2	1	4	36	123	374	731	1,046	1,825	2,279	76.9
--Diseases of the Heart	4,921	1	0	4	32	108	317	586	823	1,341	1,709	76.3
----Ischemic Heart Disease	3,143	0	0	0	13	74	225	407	563	849	1,012	75.6
--Essential Hypertension and Hypertensive Renal Disease	243	0	0	0	1	3	18	30	30	70	91	77.1
--Cerebrovascular Diseases (Stroke)	1,047	0	1	0	2	12	33	92	162	343	402	79.1
--Arteriosclerosis	63	0	0	0	0	0	1	5	2	18	37	85.0
--Other Diseases of Arteries, Arterioles and Capillaries	147	1	0	0	1	0	5	18	29	53	40	75.8
Influenza and Pneumonia	455	4	1	4	4	9	25	40	68	136	164	76.1
--Influenza	25	0	1	1	0	4	5	1	6	3	4	60.7
--Pneumonia	430	4	0	3	4	5	20	39	62	133	160	77.0
Chronic Lower Respiratory Diseases	1,572	0	0	0	2	8	67	193	396	549	357	75.3
--Bronchitis, Emphysema and Asthma	114	0	0	0	2	5	7	15	39	29	17	70.9
Lung Diseases due to External Agents	186	0	1	0	2	1	8	13	27	66	68	78.3
--Coal Workers Pneumoconiosis	36	0	0	0	0	0	1	5	4	16	10	78.2
Chronic Liver Disease and Cirrhosis	277	0	0	0	2	17	81	88	52	29	8	60.0
Nephritis, Nephrotic Syndrome and Nephrosis	444	0	0	1	3	9	21	52	73	139	146	76.7
Congenital Malformations	78	33	8	2	6	6	6	5	6	3	3	25.7
Ill-Defined and Unknown Causes of Death	258	29	1	0	2	1	18	52	48	39	68	65.3
Accidents, All Forms	1,445	3	16	120	225	255	270	155	103	148	150	51.4
--Motor Vehicle	377	0	9	71	50	51	59	49	38	37	13	46.5
--Falls	225	0	0	0	1	6	11	21	25	69	92	78.4
--Drownings	24	0	2	4	3	3	2	5	2	2	1	43.8
--Smoke, Fire and Flames	24	0	0	2	1	0	5	5	6	3	2	60.3
--Poisonings	603	0	3	37	153	179	162	54	10	2	3	41.0
--Other Accidents	192	3	2	6	17	16	31	21	22	35	39	61.8
Intentional Self-Harm (Suicide)	309	0	1	37	45	58	68	52	23	15	10	46.9
Assault (Homicide)	107	4	6	19	24	18	18	12	3	3	0	36.3
Injury Undetermined Whether Accidental or Purposely Inflicted	80	1	0	3	13	15	28	7	3	6	4	48.6
All Other Causes (Residual)	2,609	64	11	17	30	87	197	357	459	688	699	71.2

Selected Causes of Resident Deaths by Month of Occurrence
West Virginia, 2011
Table 27

Selected Causes of Death	Number of Deaths per Month												Total
	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	
Fetal Deaths	8	9	9	4	7	9	6	2	9	8	6	13	90
Total Deaths, All Causes	1,985	1,843	2,110	1,825	1,858	1,685	1,665	1,731	1,720	1,798	1,783	1,867	21,870
--Deaths Under One Year	14	8	14	13	11	15	14	10	5	12	14	11	141
--Deaths Under 28 Days	9	4	9	9	7	10	8	6	3	6	9	6	86
Tuberculosis	0	0	0	0	0	1	0	0	0	0	0	0	2
Septicemia	34	23	30	33	29	30	22	23	23	30	19	20	316
Human Immunodeficiency Virus Infection	1	0	1	1	2	2	0	1	1	1	0	1	11
Malignant Neoplasms	404	393	450	376	408	381	373	405	417	383	392	397	4,779
--of Digestive Organs	79	83	107	82	100	73	90	92	94	82	104	88	1,074
----Colon	26	31	34	24	25	22	27	30	35	23	39	28	344
----Pancreas	17	20	30	21	26	21	17	19	17	22	22	16	248
--of Respiratory and Intrathoracic Organs	130	120	141	122	132	131	124	124	133	126	129	125	1,537
----Trachea, Bronchus and Lung	124	118	137	120	128	128	123	124	130	124	127	119	1,502
--of Breast	32	30	25	27	21	20	35	23	22	27	20	25	307
--of Genitourinary Organs	65	53	60	56	49	55	48	64	64	52	57	56	679
----Cervix Uteri	3	2	6	5	1	6	5	5	3	5	5	5	51
----Ovary	9	6	12	10	13	5	4	12	14	6	12	12	115
----Prostate	17	18	14	20	14	16	12	23	13	16	14	14	191
----Bladder	10	8	7	8	9	7	10	8	13	10	8	9	107
--All Other (Malignant Neoplasms)	98	107	117	89	106	102	76	102	104	96	82	103	1,182
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	8	13	10	7	7	8	5	11	14	9	12	7	111
Diabetes Mellitus	69	58	59	65	80	59	57	71	62	77	62	73	792
Dementia	90	76	119	67	78	78	69	95	73	87	88	89	1,009
Alzheimer's Disease	61	47	48	64	48	44	53	43	45	60	52	44	609
Major Cardiovascular Disease	611	554	622	541	559	487	494	468	502	507	525	551	6,421
--Diseases of the Heart	468	410	480	414	448	375	380	360	372	388	409	417	4,921
----Ischemic Heart Disease	299	253	310	264	296	246	247	230	234	256	249	259	3,143
--Essential Hypertension and Hypertensive Renal Disease	31	20	17	16	26	20	23	17	17	20	19	17	243
--Cerebrovascular Diseases (Stroke)	95	99	104	90	71	75	77	79	92	83	84	98	1,047
--Arteriosclerosis	5	6	10	5	3	5	4	5	7	3	4	6	63
--Other Diseases of Arteries, Arterioles and Capillaries	12	19	11	16	11	12	10	7	14	13	9	13	147
Influenza and Pneumonia	49	56	63	38	31	32	19	35	35	30	30	37	455
--Influenza	3	5	14	3	0	0	0	0	0	0	0	0	25
--Pneumonia	46	51	49	35	31	32	19	35	35	30	30	37	430
Chronic Lower Respiratory Diseases	147	149	183	158	131	99	108	101	96	122	136	142	1,572
--Bronchitis, Emphysema and Asthma	10	15	14	10	14	6	9	9	8	4	9	6	114
Lung Diseases due to External Agents	14	17	22	18	15	10	20	10	13	18	18	11	186
--Coal Worker's Pneumoconiosis	1	3	3	4	6	5	4	0	4	1	3	2	36
Chronic Liver Disease and Cirrhosis	23	18	35	23	23	26	16	22	24	17	21	29	277
Nephritis, Nephrotic Syndrome and Nephrosis	37	40	30	36	40	36	35	35	34	47	35	39	444
Congenital Malformations	8	11	6	4	9	9	6	5	3	4	9	4	78
Ill-Defined and Unknown Causes of Death	28	21	27	15	16	19	24	18	12	27	24	27	258
Accidents, All Forms	103	98	107	131	145	134	113	116	122	134	124	118	1,445
--Motor Vehicle	27	22	20	29	40	42	34	36	31	35	35	26	377
--Falls	18	20	17	20	22	21	15	19	19	21	22	11	225
--Drownings	2	1	4	1	1	2	4	2	4	1	1	1	24
--Smoke, Fire and Flames	2	1	6	3	2	2	0	1	1	4	1	1	24
--Poisonings	40	41	47	61	58	52	42	43	49	55	55	60	603
--Other Accidents	14	13	13	17	22	15	18	15	18	18	10	19	192
Intentional Self-Harm (Suicide)	18	24	30	25	27	26	33	27	32	23	25	19	309
Assault (Homicide)	10	7	9	7	11	12	9	11	10	5	8	8	107
Injury Undetermined Whether Accidental or Purposely Inflicted	9	3	9	9	5	5	11	3	4	6	6	10	80
All Other Causes (Residual)	261	235	250	207	194	187	197	231	198	211	197	241	2,609



West Virginia Vital Statistics
Infant & Fetal Death

Infant and Fetal Death Summary

Deaths of infants under one year of age dropped by nine, from 150 in 2010 to 141 in 2011. West Virginia's infant mortality rate also declined, from 7.3 per 1,000 live births in 2010 to 6.8 in 2011. The preliminary U.S. infant mortality was 6.0 in 2011.

The following table shows the decline in the national and state infant mortality rates from 1950 through 2011.

1950 – 2011 Infant Mortality
West Virginia and United States
(Number and Rate per 1,000 Live Births)

Year	West Virginia	United States
1950	31.4	29.2
1955	27.1	26.4
1960	25.3	26.0
1965	27.1	24.5
1970	23.3	20.0
1975	18.3	16.1
1980	11.8	12.6
1985	10.7	10.6
1990	9.8	9.1
1995	7.6	7.5
2000	7.6	6.9
2005	8.1	6.9
2006	7.4	6.7
2007	7.4	6.8
2008	7.7	6.6
2009	7.8	6.4
2010	7.3	6.1
2011	6.8	6.0

The state's 2011 white infant mortality rate decreased from 7.2 in 2010 to 6.5 in 2011, while the rate for black infants increased from 14.9 to 16.8 (see Statistical Variation in Appendix B, page 155). West Virginia's 2011 race-specific infant mortality rates and comparable U.S. rates are shown in the table on the following page.

**2011 West Virginia and United States
Infant Mortality by Race of Infant
(Number and Rate per 1,000 Live Births)**

Race of Infant	West Virginia		United States*	
	Number	Rate	Number	Rate
All Races	141	6.8	23,907	6.0
White	128	6.5	15,451	5.1
Black	12	16.8	7,221	11.4
Other	1	2.9	1,235	4.0

*Source: http://www.cdc.gov/nchs/data/nvsr/nvsr61/nvsr61_06.pdf

Approximately one out of six (17.0%) infant deaths in 2011 were due to SIDS (sudden infant death syndrome). Approximately one in four (23.4%) was the result of congenital malformations, while 40.4% were due to certain conditions originating in the perinatal period, including disorders relating to short gestation and unspecified low birthweight (12.1%).

Neonatal/Postneonatal Deaths

The number of neonatal deaths rose by four, from 82 in 2010 to 86 in 2011; the neonatal death rate also increased, from 4.0 deaths among infants aged less than 28 days per 1,000 live births in 2010 to 4.2 in 2011. Neonatal deaths comprised 61.0% of all West Virginia resident infant deaths in 2011, compared with 55.0% in 2010. The rate of postneonatal deaths decreased from 3.3 deaths per 1,000 neonatal survivors in 2010 to 2.7 in 2011. The 2011 preliminary U.S. neonatal death rate was 4.0, while the postneonatal rate was 2.0 deaths per 1,000 neonatal survivors.

Fetal Deaths

The 90 resident fetal deaths reported with a birthweight of at least 350 grams or occurring after 20 or more weeks of gestation (if the weight is unknown) in 2011 were seven more than in 2010 (83). The fetal death ratio also increased, from 4.1 deaths per 1,000 live births in 2010 to 4.3 in 2011. The majority (92.2%) of fetal deaths were due to conditions originating in the perinatal period, including complications of placenta, cord and membrane (43.3%), maternal conditions (3.3%), maternal complications (8.9%), short gestation and low birthweight (1.1%) and other ill-defined perinatal conditions (30.0%). Congenital malformations accounted for 6.7% of all fetal deaths.

Fetal Deaths, Neonatal Deaths and Postneonatal Deaths: Number and Rate/Ratio
West Virginia Resident Deaths, 1925-2010
Table 28

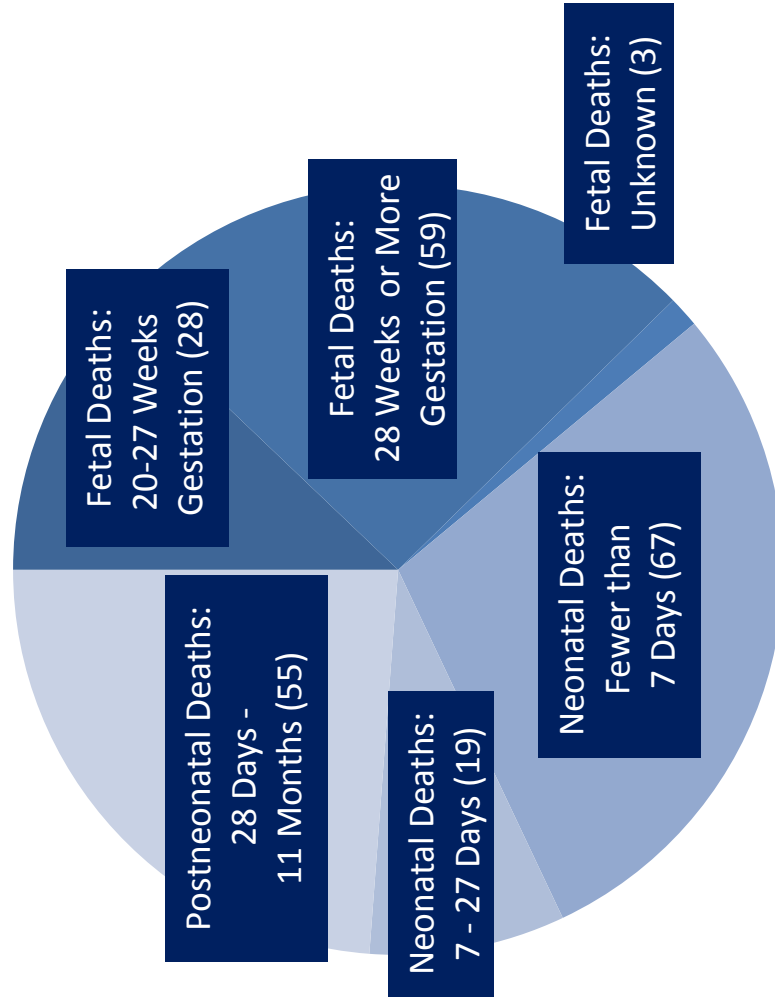
Year	Fetal Deaths		Neonatal Deaths		Postneonatal Deaths		
	Number	Ratio per 1,000 Live Births	Number	Rate per 1,000 Live Births	Number	Rate per 1,000 Live Births	Rate per 1,000 Neonatal Survivors*
1925	1,740	38.5	N/A	N/A	N/A	N/A	N/A
1930	1,547	37.2	N/A	N/A	N/A	N/A	N/A
1935	1,647	39.4	1,467	35.1	1,071	25.6	26.6
1940	1,483	35.4	1,321	31.5	937	22.4	23.1
1945	1,594	41.5	1,085	28.2	928	24.1	24.8
1950	1,126	22.1	1,184	23.3	665	13.1	13.4
1955	813	18.4	847	19.2	351	7.9	8.1
1960	583	14.7	713	18.0	292	7.4	7.5
1965	575	18.0	649	20.3	218	6.8	7.0
1970	513	17.0	542	18.0	163	5.4	5.5
1975	323	11.6	385	13.8	128	4.6	4.6
1980	275	9.3	235	8.0	112	3.8	3.8
1985	208	8.6	175	7.3	82	3.4	3.4
1990	168	7.4	142	6.3	80	3.5	3.6
1995	143	6.8	103	4.9	57	2.7	2.7
2000	142	6.8	103	4.9	56	2.7	2.7
2005	115	5.5	106	5.1	62	3.0	3.0
2010	83	4.1	82	4.0	68	3.3	3.3
2011	90	4.3	86	4.2	55	2.7	2.7

*Neonatal survivors are live births minus neonatal deaths.

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Fetal Deaths, Neonatal Deaths and Postneonatal Deaths West Virginia Resident Perinatal Deaths, 2011

Exhibit 14



Causes of Resident Infant Deaths by Age
West Virginia, 2011
Table 29

ICDA 10 Code Number	Cause of Death	Under 1 Day	1 to 6 Days	7 to 27 Days	28 Days to 11 Months	Total
A00-Z99	Total Deaths, All Causes	45	22	19	55	141
A00-B99	Certain Infectious and Parasitic Diseases	0	1	0	2	3
A00-A09	Intestinal Infectious Diseases	0	0	0	1	1
A09	Diarrhoea and Gastroenteritis of Presumed Infectious Origin	0	0	0	1	1
A30-A49	Other Bacterial Diseases	0	1	0	0	1
A40	Streptococcal Septicemia	0	1	0	0	1
B35-B49	Mycoses	0	0	0	1	1
B49	Unspecified Mycosis	0	0	0	1	1
E00-E90	Endocrine, Nutritional and Metabolic Diseases	0	0	0	1	1
E70-E90	Metabolic Disorders	0	0	0	1	1
E87	Other Disorders of Fluid, Electrolyte and Acid-Base Balance	0	0	0	1	1
G00-G99	Diseases of the Nervous System	0	0	0	1	1
G90-G99	Other Disorders of the Nervous System	0	0	0	1	1
G93	Other Disorders of Brain	0	0	0	1	1
I00-I99	Diseases of the Circulatory System	0	1	0	2	3
I00-I09, I11, I13	Diseases of the Heart	0	0	0	1	1
I30-I52	Other forms of Heart Diseases	0	0	0	1	1
I51	Complications and Ill-Defined Descriptions of Heart Disease	0	0	0	1	1
I70-I79	Diseases of Arteries, Arterioles and Capillaries	0	1	0	0	1
I74	Arterial Embolism and Thrombosis	0	1	0	0	1
I80-I89	Diseases of Veins, Lymphatic Vessels and Lymph Nodes, Not Elsewhere Classified	0	0	0	1	1
I80	Phlebitis and Thrombophlebitis	0	0	0	1	1
J00-J99	Diseases of the Respiratory System	0	0	0	5	5
J09-J18	Influenza and Pneumonia	0	0	0	4	4
J18	Pneumonia, Organism Unspecified	0	0	0	4	4
J95-J99	Other Diseases of the Respiratory System	0	0	0	1	1
J98	Other Respiratory Disorders	0	0	0	1	1
P00-P96	Certain Conditions Originating in the Perinatal Period	27	16	8	6	57
P00-P04	Newborn Affected by Maternal Factors and by Complications of Pregnancy, Labor and Delivery	8	1	1	0	10
P00	Newborn Affected by Maternal Conditions That May Be Unrelated to Present Pregnancy	0	0	1	0	1
P00.5	Maternal Injury	0	0	1	0	1
P01	Newborn Affected by Maternal Complications of Pregnancy	5	0	0	0	5
P01.0	Incompetent Cervix	1	0	0	0	1
P01.1	Premature Rupture of Membranes	3	0	0	0	3
P01.8	Other Maternal Complications of Pregnancy	1	0	0	0	1
P02	Newborn Affected by Complications of Placenta, Cord and Membranes	3	1	0	0	4
P02.1	Other Forms of Placenta Separation and Hemorrhage	1	0	0	0	1
P02.7	Chorioamnionitis	2	1	0	0	3
P05-P08	Disorders Related to Length of Gestation and Fetal Growth	14	2	0	1	17
P07	Disorders Related to Short Gestation and Low Birthweight, Not Elsewhere Classified	14	2	0	1	17
P07.2	Extreme Immaturity	13	2	0	0	15
P07.3	Other Preterm Infants	1	0	0	1	2
P20-P29	Respiratory and Cardiovascular Disorders Specific to the Perinatal Period	5	5	5	3	18
P22	Respiratory Distress of Newborn	2	3	2	0	7
P22.0	Respiratory Distress Syndrome	2	1	2	0	5
P22.9	Respiratory Distress of Newborn, Unspecified	0	2	0	0	2
P25	Interstitial Emphysema and Related Conditions Originating in the Perinatal Period	1	0	0	0	1
P27	Chronic Respiratory Disease Originating in the Perinatal Period	0	0	0	2	2
P28	Other Respiratory Conditions Originating in the Perinatal Period	2	1	1	0	4
P29	Cardiovascular Disorders Originating in the Perinatal Period	0	1	2	1	4
P29.0	Neonatal Cardiac Failure	0	0	0	1	1
P29.1	Neonatal Cardiac Dysrhythmia	0	1	2	0	3
P35-P39	Infections Specific to the Perinatal Period	0	1	1	1	3
P36	Bacterial Sepsis of Newborn	0	1	1	1	3
P50-P61	Hemorrhagic and Hematological Disorders of Newborn	0	3	0	0	3
P50	Fetal Blood Loss	0	1	0	0	1

Causes of Resident Infant Deaths by Age
West Virginia, 2011
Table 29 (Cont'd)

ICDA 10 Code Number	Cause of Death	Under 1 Day	1 to 6 Days	7 to 27 Days	28 Days to 11 Months	Total
P52	Intracranial Nontraumatic Hemorrhage of Newborn	0	2	0	0	2
P70-P74	Transitory Endocrine and Metabolic Disorders Specific to Newborn	0	1	0	0	1
P70	Transitory Disorders of Carbohydrate Metabolism Specific to Newborn	0	1	0	0	1
P70.2	Neonatal Diabetes Mellitus	0	1	0	0	1
P75-P78	Digestive System Disorders of Newborn	0	0	1	0	1
P77	Necrotizing Enterocolitis of Newborn	0	0	1	0	1
P80-P83	Conditions Involving the Integument and Temperature Regulation of Newborn	0	2	0	0	2
P83	Other Conditions of Integument Specific to Newborn	0	2	0	0	2
P90-P96	Other Disorders Originating in the Perinatal Period	0	1	0	1	2
P91	Other Disturbances of Cerebral Status of Newborn	0	1	0	0	1
P96	Other Conditions Originating in the Perinatal Period	0	0	0	1	1
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	17	4	7	5	33
Q00-Q07	Congenital Malformations of the Nervous System	3	0	0	2	5
Q00	Anencephaly and Similar Malformations	2	0	0	0	2
Q04	Other Congenital Malformations of Brain	1	0	0	1	2
Q07	Other Congenital Malformations of Nervous System	0	0	0	1	1
Q10-Q18	Congenital Malformations of Eye, Ear, Face and Neck	1	0	0	0	1
Q18	Other Congenital Malformations of Face and Neck	1	0	0	0	1
Q20-Q28	Congenital Malformations of the Circulatory System	0	1	5	2	8
Q20	Congenital Malformations of Cardiac Chambers and Connections	0	0	2	0	2
Q23	Congenital Malformations of Aortic and Mitral Valves	0	1	2	1	4
Q24	Other Congenital Malformations of the Heart	0	0	0	1	1
Q25	Congenital Malformations of Great Arteries	0	0	1	0	1
Q30-Q34	Congenital Malformations of the Respiratory System	2	0	2	0	4
Q30	Congenital Malformations of Nose	0	0	1	0	1
Q33	Congenital Malformations of Lung	2	0	1	0	3
Q60-Q64	Congenital Malformations of the Urinary System	4	1	0	0	5
Q60	Renal Agenesis and Other Reduction Defects of Kidney	2	1	0	0	3
Q61	Cystic Kidney Disease	1	0	0	0	1
Q63	Other Congenital Malformations of Kidney	1	0	0	0	1
Q65-Q79	Congenital Malformations and Deformations of the Musculoskeletal System	3	1	0	0	4
Q77	Osteochondrodysplasia with Defects of Growth of Tubular Bones and Spine	1	0	0	0	1
Q79	Congenital Malformations of Musculoskeletal System, Not Elsewhere Classified	2	1	0	0	3
Q80-Q89	Other Congenital Malformations	1	0	0	0	1
Q87	Other Specified Congenital Malformation Syndromes Affecting Multiple Systems	1	0	0	0	1
Q90-Q99	Chromosomal Abnormalities, Not Elsewhere Classified	3	1	0	1	5
Q90	Down's Syndrome	1	0	0	0	1
Q91	Edwards' Syndrome and Patau's Syndrome	2	1	0	1	4
R00-R99	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	0	0	3	27	30
R00-R09	Symptoms and Signs Involving the Circulatory and Respiratory Systems	0	0	0	1	1
R06	Abnormalities of Breathing	0	0	0	1	1
R95-R99	Ill-Defined and Unknown Causes of Mortality	0	0	3	26	29
R95	Sudden Infant Death Syndrome	0	0	3	21	24
R99	Other Ill-Defined and Unspecified Causes of Mortality	0	0	0	5	5
V01-Y98	External Causes of Morbidity and Mortality	1	0	1	6	8
W00-X59	Other External Causes of Accidental Injury	0	0	1	2	3
W75-W84	Other Accidental Threats to Breathing	0	0	1	1	2
W75	Accidental Suffocation and Strangulation in Bed	0	0	1	1	2
X58-X59	Accidental Exposure to Other and Unspecified Factors	0	0	0	1	1
X59	Exposure to Unspecified Factors	0	0	0	1	1
X85-Y09	Assault	1	0	0	3	4
X91	Assault by Hanging, Strangulation and Suffocation	1	0	0	1	2
Y06	Neglect and Abandonment	0	0	0	1	1
Y09	Assault by Unspecified Means	0	0	0	1	1
Y10-Y34	Event of Undetermined Intent	0	0	0	1	1
Y20	Hanging, Strangulation and Suffocation, Undetermined Intent	0	0	0	1	1

Causes of Resident Infant Deaths by Birthweight
West Virginia, 2011
Table 30

ICDA 10 Code Number	Cause of Death	Birthweight				Total
		Less than 1,500 Grams	1,500 - 2,499 Grams	2,500 Grams or More	Un- known	
A00-Z99	Total Deaths, All Causes	59	32	48	2	141
A00-B99	Certain Infectious and Parasitic Diseases	2	1	0	0	3
A00-A09	Intestinal Infectious Diseases	1	0	0	0	1
A09	Diarrhoea and Gastroenteritis of Presumed Infectious Origin	1	0	0	0	1
A30-A49	Other Bacterial Diseases	0	1	0	0	1
A40	Streptococcal Septicemia	0	1	0	0	1
B35-B49	Mycoses	1	0	0	0	1
B49	Unspecified Mycosis	1	0	0	0	1
E00-E90	Endocrine, Nutritional and Metabolic Diseases	1	0	0	0	1
E70-E90	Metabolic Disorders	1	0	0	0	1
E87	Other Disorders of Fluid, Electrolyte and Acid-Base Balance	1	0	0	0	1
G00-G99	Diseases of the Nervous System	0	0	1	0	1
G90-G99	Other Disorders of the Nervous System	0	0	1	0	1
G93	Other Disorders of Brain	0	0	1	0	1
I00-I99	Diseases of the Circulatory System	1	0	2	0	3
I00-I09, I11, I13	Diseases of the Heart	0	0	1	0	1
I30-I52	Other forms of Heart Diseases	0	0	1	0	1
I51	Complications and Ill-Defined Descriptions of Heart Disease	0	0	1	0	1
I70-I79	Diseases of Arteries, Arterioles and Capillaries	1	0	0	0	1
I74	Arterial Embolism and Thrombosis	1	0	0	0	1
I80-I89	Diseases of Veins, Lymphatic Vessels and Lymph Nodes, Not Elsewhere Classified	0	0	1	0	1
I80	Phlebitis and Thrombophlebitis	0	0	1	0	1
J00-J99	Diseases of the Respiratory System	0	2	3	0	5
J09-J18	Influenza and Pneumonia	0	2	2	0	4
J18	Pneumonia, Organism Unspecified	0	2	2	0	4
J95-J99	Other Diseases of the Respiratory System	0	0	1	0	1
J98	Other Respiratory Disorders	0	0	1	0	1
P00-P96	Certain Conditions Originating in the Perinatal Period	42	8	6	1	57
P00-P04	Newborn Affected by Maternal Factors and by Complications of Pregnancy, Labor and Delivery	9	1	0	0	10
P00	Newborn Affected by Maternal Conditions That May Be Unrelated to Present Pregnancy	1	0	0	0	1
P00.5	Maternal Injury	1	0	0	0	1
P01	Newborn Affected by Maternal Complications of Pregnancy	4	1	0	0	5
P01.0	Incompetent Cervix	1	0	0	0	1
P01.1	Premature Rupture of Membranes	3	0	0	0	3
P01.8	Other Maternal Complications of Pregnancy	0	1	0	0	1
P02	Newborn Affected by Complications of Placenta, Cord and Membranes	4	0	0	0	4
P02.1	Other Forms of Placenta Separation and Hemorrhage	1	0	0	0	1
P02.7	Chorioamnionitis	3	0	0	0	3
P05-P08	Disorders Related to Length of Gestation and Fetal Growth	16	0	1	0	17
P07	Disorders Related to Short Gestation and Low Birthweight, Not Elsewhere Classified	16	0	1	0	17
P07.2	Extreme Immaturity	15	0	0	0	15
P07.3	Other Preterm Infants	1	0	1	0	2
P20-P29	Respiratory and Cardiovascular Disorders Specific to the Perinatal Period	13	3	2	0	18
P22	Respiratory Distress of Newborn	6	1	0	0	7
P22.0	Respiratory Distress Syndrome	4	1	0	0	5
P22.9	Respiratory Distress of Newborn, Unspecified	2	0	0	0	2
P25	Interstitial Emphysema and Related Conditions Originating in the Perinatal Period	0	1	0	0	1
P27	Chronic Respiratory Disease Originating in the Perinatal Period	2	0	0	0	2
P28	Other Respiratory Conditions Originating in the Perinatal Period	3	1	0	0	4
P29	Cardiovascular Disorders Originating in the Perinatal Period	2	0	2	0	4
P29.0	Neonatal Cardiac Failure	1	0	0	0	1
P29.1	Neonatal Cardiac Dysrhythmia	1	0	2	0	3
P35-P39	Infections Specific to the Perinatal Period	2	1	0	0	3
P36	Bacterial Sepsis of Newborn	2	1	0	0	3
P50-P61	Hemorrhagic and Hematological Disorders of Newborn	2	1	0	0	3
P50	Fetal Blood Loss	0	1	0	0	1

Causes of Resident Infant Deaths by Birthweight
West Virginia, 2011
Table 30 (Cont'd)

ICDA 10 Code Number	Cause of Death	Birthweight				Total
		Less than 1,500 Grams	1,500 - 2,499 Grams	2,500 Grams or More	Un- known	
P52	Intracranial Nontraumatic Hemorrhage of Newborn	2	0	0	0	2
P70-P74	Transitory Endocrine and Metabolic Disorders Specific to Newborn	0	0	1	0	1
P70	Transitory Disorders of Carbohydrate Metabolism Specific to Newborn	0	0	1	0	1
P70.2	Neonatal Diabetes Mellitus	0	0	1	0	1
P75-P78	Digestive System Disorders of Newborn	1	0	0	0	1
P77	Necrotizing Enterocolitis of Newborn	1	0	0	0	1
P80-P83	Conditions Involving the Integument and Temperature Regulation of Newborn	0	1	1	0	2
P83	Other Conditions of Integument Specific to Newborn	0	1	1	0	2
P90-P96	Other Disorders Originating in the Perinatal Period	0	1	1	0	2
P91	Other Disturbances of Cerebral Status of Newborn	0	1	0	0	1
P96	Other Conditions Originating in the Perinatal Period	0	0	1	0	1
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	10	12	10	1	33
Q00-Q07	Congenital Malformations of the Nervous System	2	1	2	0	5
Q00	Anencephaly and Similar Malformations	2	0	0	0	2
Q04	Other Congenital Malformations of Brain	0	1	1	0	2
Q07	Other Congenital Malformations of Nervous System	0	0	1	0	1
Q10-Q18	Congenital Malformations of Eye, Ear, Face and Neck	1	0	0	0	1
Q18	Other Congenital Malformations of Face and Neck	1	0	0	0	1
Q20-Q28	Congenital Malformations of the Circulatory System	1	3	4	0	8
Q20	Congenital Malformations of Cardiac Chambers and Connections	0	0	2	0	2
Q23	Congenital Malformations of Aortic and Mitral Valves	0	2	2	0	4
Q24	Other Congenital Malformations of the Heart	0	1	0	0	1
Q25	Congenital Malformations of Great Arteries	1	0	0	0	1
Q30-Q34	Congenital Malformations of the Respiratory System	1	2	0	1	4
Q30	Congenital Malformations of Nose	0	1	0	0	1
Q33	Congenital Malformations of Lung	1	1	0	1	3
Q60-Q64	Congenital Malformations of the Urinary System	1	1	3	0	5
Q60	Renal Agenesis and Other Reduction Defects of Kidney	0	1	2	0	3
Q61	Cystic Kidney Disease	1	0	0	0	1
Q63	Other Congenital Malformations of Kidney	0	0	1	0	1
Q65-Q79	Congenital Malformations and Deformations of the Musculoskeletal System	2	1	1	0	4
Q77	Osteochondrodysplasia with Defects of Growth of Tubular Bones and Spine	0	1	0	0	1
Q79	Congenital Malformations of Musculoskeletal System, Not Elsewhere Classified	2	0	1	0	3
Q80-Q89	Other Congenital Malformations	0	1	0	0	1
Q87	Other Specified Congenital Malformation Syndromes Affecting Multiple Systems	0	1	0	0	1
Q90-Q99	Chromosomal Abnormalities, Not Elsewhere Classified	2	3	0	0	5
Q90	Down's Syndrome	1	0	0	0	1
Q91	Edwards' Syndrome and Patau's Syndrome	1	3	0	0	4
R00-R99	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	2	8	20	0	30
R00-R09	Symptoms and Signs Involving the Circulatory and Respiratory Systems	0	1	0	0	1
R06	Abnormalities of Breathing	0	1	0	0	1
R95-R99	Ill-Defined and Unknown Causes of Mortality	2	7	20	0	29
R95	Sudden Infant Death Syndrome	2	6	16	0	24
R99	Other Ill-Defined and Unspecified Causes of Mortality	0	1	4	0	5
V01-Y98	External Causes of Morbidity and Mortality	0	1	6	1	8
W00-X59	Other External Causes of Accidental Injury	0	1	2	0	3
W75-W84	Other Accidental Threats to Breathing	0	1	1	0	2
W75	Accidental Suffocation and Strangulation in Bed	0	1	1	0	2
X58-X59	Accidental Exposure to Other and Unspecified Factors	0	0	1	0	1
X59	Exposure to Unspecified Factors	0	0	1	0	1
X85-Y09	Assault	0	0	3	1	4
X91	Assault by Hanging, Strangulation and Suffocation	0	0	1	1	2
Y06	Neglect and Abandonment	0	0	1	0	1
Y09	Assault by Unspecified Means	0	0	1	0	1
Y10-Y34	Event of Undetermined Intent	0	0	1	0	1
Y20	Hanging, Strangulation and Suffocation, Undetermined Intent	0	0	1	0	1

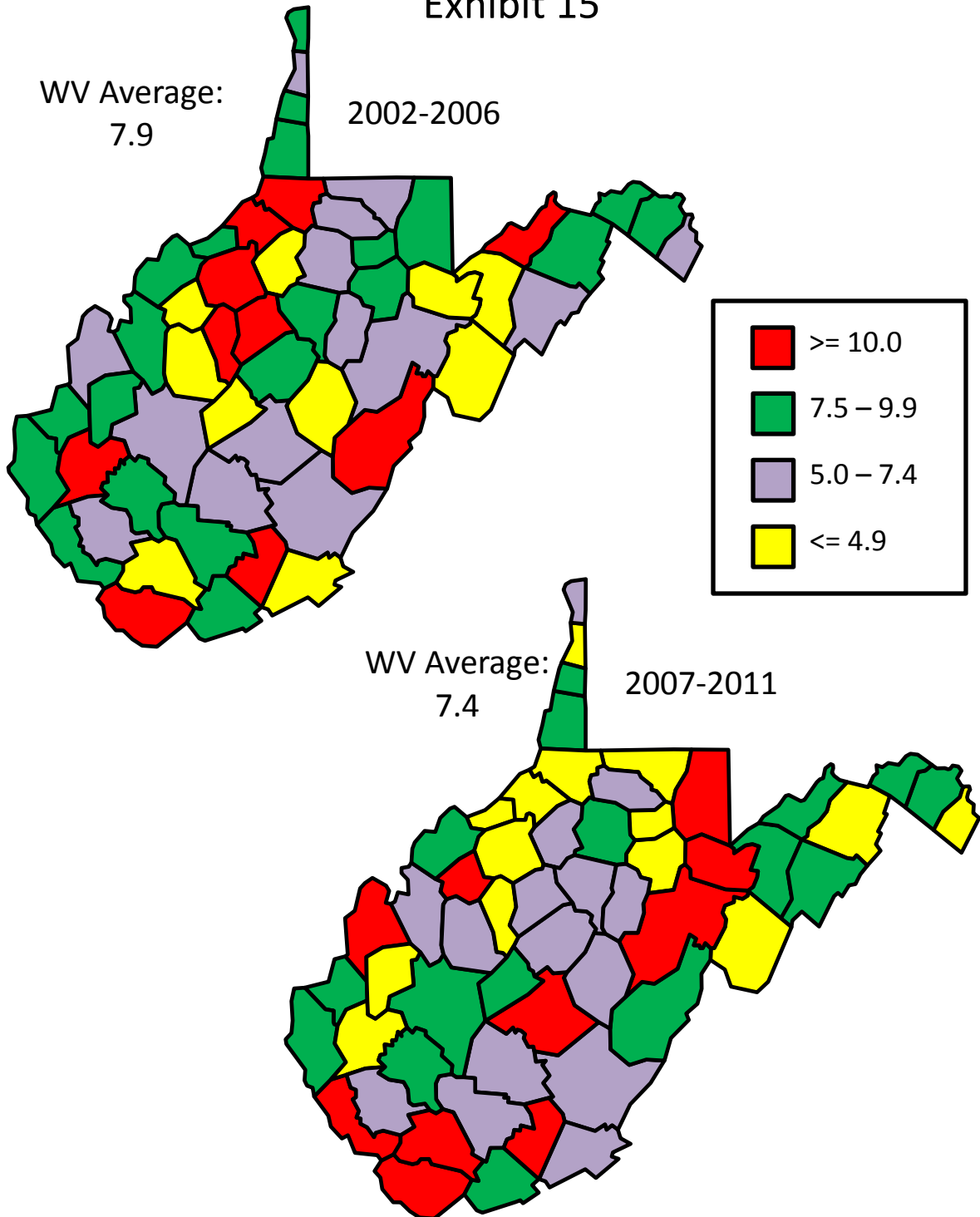
**Births and Infant Deaths by Selected Risk Factors
and Demographics
West Virginia Residents, 2011
Table 31**

Factor	Births		Infant Deaths	
	Number	Percent	Number	Percent
Total	20,705		141	
Birthweight < 2,500 Grams	1,986	9.6%	91	76.5%
Birthweight < 1,500 Grams	336	1.6%	59	49.6%
Gestational Age < 37 Weeks	2,328	11.3%	90	75.6%
Gestational Age 37-38 Weeks	5,567	26.9%	22	18.5%
Gestational Age 39+ Weeks	12,790	61.8%	27	22.7%
Age of Mother < 20 Years	2,462	11.9%	22	15.6%
Age of Mother < 15 Years	27	0.1%	1	0.7%
Unmarried Mothers	9,059	43.8%	74	52.5%
Mothers Using Tobacco	5,389	26.1%	56	39.7%
Mothers Using Alcohol	62	0.3%	1	0.7%
White or Caucasian Mothers	19,644	95.0%	130	93.5%
Black or African American Mothers	713	3.4%	9	6.5%
Mothers of Other Races	331	1.6%	0	0.0%
Mothers of Unknown Race	17		2	

Percentages are calculated excluding unknown numbers.

Resident Infant Death Rates by County West Virginia, 2002-2006 and 2007-2011

Exhibit 15



Causes of Resident Fetal Deaths
West Virginia, 2007-2011
Table 32

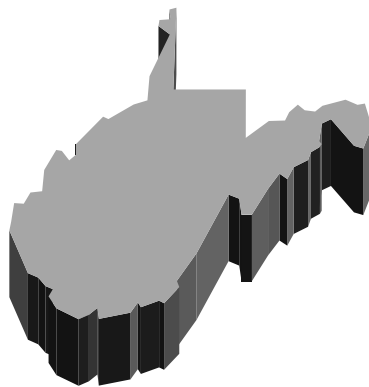
ICDA 10 Code	Cause of Death	2007	2008	2009	2010	2011
A00-Z99*	Total Deaths, All Causes	116	94	121	83	90
C00-D48	Neoplasms	2	0	2	0	1
D10-D36	Benign Neoplasms	2	0	2	0	1
D18	Hemangioma and Lymphangioma, Any Site	2	0	2	0	1
P00-P96	Certain Conditions Originating in the Perinatal Period	106	84	112	76	83
P00-P04	Fetus Affected by Maternal Factors and by Complications of Pregnancy, Labor and Delivery	57	51	56	48	51
P00	Fetus Affected by Maternal Conditions That May Be Unrelated to Present Pregnancy	3	6	5	6	3
P00.0	Maternal Hypertensive Disorders	2	4	3	6	3
P00.5	Maternal Injury	0	1	1	0	0
P00.7	Other Medical Procedures on Mother, Not Elsewhere Classified	1	0	0	0	0
P00.8	Other Maternal Conditions	0	1	1	0	0
P01	Fetus Affected by Maternal Complications of Pregnancy	12	9	10	10	8
P01.0	Incompetent Cervix	5	4	4	2	2
P01.1	Premature Rupture of Membranes	2	3	4	5	2
P01.2	Oligohydramnios	2	1	0	2	0
P01.3	Polyhydramnios	1	1	0	0	0
P01.5	Multiple Pregnancy	0	0	2	1	4
P01.7	Malpresentation Before Labor	1	0	0	0	0
P01.8	Other Maternal Complications of Pregnancy	1	0	0	0	0
P02	Fetus Affected by Complications of Placenta, Cord and Membranes	40	35	36	28	39
P02.0	Placenta Previa	0	1	0	0	0
P02.1	Other Forms of Placenta Separation and Hemorrhage	15	14	10	11	10
P02.2	Other and Unspecified Morphological and Functional Abnormalities of Placenta	3	4	3	2	0
P02.3	Placental Transfusion Syndromes	1	0	0	0	0
P02.5	Other Compression of Umbilical Cord	18	16	23	12	26
P02.6	Other and Unspecified Conditions of Umbilical Cord	0	0	0	0	1
P02.7	Chorioamnionitis	3	0	0	3	1
P02.9	Abnormality of Membranes, Unspecified	0	0	0	0	1
P03	Fetus Affected by Other Complications of Labor and Delivery	2	1	4	3	1
P04	Fetus Affected by Noxious Influences Transmitted Via Placenta or Breast Milk	0	0	1	1	0
P05-P08	Disorders Related to Length of Gestation and Fetal Growth	9	6	7	5	1
P05	Slow Fetal Growth and Fetal Malnutrition	0	0	0	1	0
P07	Disorders Related to Short Gestation and Low Birthweight, Not Elsewhere Classified	9	6	7	4	1
P07.2	Extreme Immaturity	5	2	4	2	0
P07.3	Other Preterm Infants	4	4	3	2	1
P20-P29	Respiratory and Cardiovascular Disorders Specific to the Perinatal Period	6	5	5	2	1
P20	Intrauterine Hypoxia	1	0	1	0	0
P23	Congenital Pneumonia	1	0	0	0	0
P28	Other Respiratory Conditions Originating in the Perinatal Period	0	1	1	0	0
P29	Cardiovascular Disorders Originating in the Perinatal Period	4	4	3	2	1
P29.0	Neonatal Cardiac Failure	2	2	1	2	0
P29.1	Neonatal Cardiac Dysrhythmia	2	2	2	0	1
P35-P39	Infections Specific to the Perinatal Period	0	0	1	0	0
P39	Other Infections Specific to the Perinatal Period	0	0	1	0	0

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Causes of Resident Fetal Deaths
West Virginia, 2006-2010
Table 32 (Cont'd)

ICDA 10 Code	Cause of Death	2006	2007	2008	2009	2010
P70-P74	Transitory Endocrine and Metabolic Disorders Specific to Fetus	2	2	2	1	3
P70	Transitory Disorders of Carbohydrate Metabolism Specific to Fetus	2	2	2	1	3
P70.0	Syndrome of "Infant of Mother with Gestational Diabetes	0	1	1	1	2
P70.1	Syndrome of "Infant of a Diabetic Mother	2	1	1	0	1
P80-P83	Conditions Involving the Integument and Temperature Regulation of Fetus	2	1	2	1	0
P83	Other Conditions of Integument Specific to Fetus	2	1	2	1	0
P90-P96	Other Disorders Originating in the Perinatal Period	30	19	39	19	27
P96	Other Conditions Originating in the Perinatal Period	30	19	39	19	27
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	8	10	6	7	6
Q00-Q07	Congenital Malformations of the Nervous System	1	4	0	1	0
Q00	Anencephaly and Similar Malformations	0	3	0	0	0
Q03	Congenital Hydrocephalus	1	0	0	0	0
Q04	Other Congenital Malformations of Brain	0	1	0	0	0
Q07	Other Congenital Malformations of Nervous System	0	0	0	1	0
Q20-Q28	Congenital Malformations of the Circulatory System	0	2	1	1	0
Q24	Other Congenital Malformations of the Heart	0	2	1	1	0
Q50-Q56	Congenital Malformations of Genital Organs	1	0	0	0	0
Q55	Other Congenital Malformations of Male Genital Organs	1	0	0	0	0
Q60-Q64	Congenital Malformations of the Urinary System	1	0	1	0	1
Q60	Renal Agenesis and Other Reduction Defects of Kidney	0	0	0	0	1
Q64	Other Congenital Malformations of Urinary System	1	0	1	0	0
Q65-Q79	Congenital Malformations and Deformations of the Musculoskeletal System	0	2	0	2	0
Q79	Congenital Malformations of Musculoskeletal System, Not Elsewhere Classified	0	2	0	2	0
Q80-Q89	Other Congenital Malformations	3	2	2	2	0
Q82	Other Congenital Malformations of Skin	1	0	0	0	0
Q89	Other Congenital Malformations, Not Elsewhere Classified	2	2	2	2	0
Q90-Q99	Chromosomal Abnormalities, Not Elsewhere Classified	2	0	2	1	5
Q91	Edwards' Syndrome and Patau's Syndrome	2	0	0	1	5
Q96	Turner's Syndrome	0	0	1	0	0
Q99	Other Chromosome Abnormalities, Not Elsewhere Classified	0	0	1	0	0
R00-R99	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	0	0	1	0	0
R95-R99	Ill-Defined and Unknown Causes of Mortality	0	0	1	0	0
R96	Other Sudden Death, Cause Unknown	0	0	1	0	0

West Virginia Bureau for Public Health
Health Statistics Center, 2014



West Virginia Vital Statistics
**Induced Terminations of
Pregnancy (ITOP)**

Induced Terminations of Pregnancy (ITOP) Summary

The annual reporting of induced terminations of pregnancy (ITOP), also properly referred to as “induced abortion,” was mandated in the latest revision of the West Virginia Code. An ITOP is a purposeful interruption of an intrauterine pregnancy with the intention other than to produce a live-born infant and which does not result in a live birth. The management of prolonged retention of products of conception following fetal death is excluded. The major distinguishing feature of this event is the fact that it is “purposeful” rather than spontaneous. A spontaneous interruption of a pregnancy is also known as a fetal death or a spontaneous abortion or, more commonly, as a miscarriage or a stillbirth.

One of the primary differences between the reporting of ITOP statistics and birth and death statistics in this publication is that ITOP statistics reflect events that occurred in West Virginia. Due to exchange agreements with other states, births and deaths to West Virginia residents that occur elsewhere are reported back to the state, making it possible to ascertain the number of births and deaths among state residents in a given time frame regardless as to where the event occurred. Information on the number of West Virginia residents who obtain an ITOP in another state is infrequently reported back to West Virginia by the state where the procedure took place, normally due to restrictions within the other state’s legal code.

The only two free-standing clinics that perform ITOPs on demand in West Virginia are in Charleston, which makes the likelihood of out-of-state ITOPs greater in some regions of the state. It is unlikely that the majority of women living in the northern or eastern panhandles of the state seek an ITOP in West Virginia. Due to known incomplete reporting, therefore, the procedures performed on West Virginia residents in other states have been excluded from the compiled statistics.

West Virginia legal code requires clinics to provide counseling and informational guidance to females seeking an abortion. All but two of the 2011 ITOP records indicate the female did in fact receive counseling, same as 2010. There are some isolated incidents where the abortion needs to be informed due to a medical emergency. In 2011, there were two ITOPs performed due to a medical emergency compared to five in 2010.

In 2011, there were 1,837 ITOPs performed in West Virginia, 8.1% less than in 2010 (1,999). Nearly eight out of every nine (88.5%) ITOPs involved a West Virginia resident, while 6.0% were Kentucky residents and 4.8% were residents of Ohio, compared with 2010 percentages of 87.5%, 6.0% and 5.2%, respectively. The median age of women having an ITOP in 2011 was 24, same as 2010. There were 91 procedures in 2011 involving females under the age of 18, of which 89 were performed on unemancipated*minors, compared with 127 in 2010, of which 114 were performed on unemancipated minors. Eighty-two percent (82.5%) of the 2011 ITOPs performed in West Virginia involved women who were not married at the time. Over one-third (35.7%) of the 2011 ITOPs involved women who had never had a previous live birth, while 87.6% were to women who had two or fewer children. There were six ITOPs performed on a woman who had six or more children. Nearly sixty-four percent (63.9%) involved women for whom it was their first ITOP, while nearly all (95.5%) involved women who had two or fewer previous ITOPs. Fourteen (14) ITOPs were performed upon women who previously had six or more ITOPs.

*For the purpose of ITOP reporting, unemancipated minor means any person under the age of 18 years who has not graduated from high school and is neither married nor who has been otherwise emancipated.

Induced Terminations of Pregnancy
By Age of Female and Weeks of Gestation
West Virginia Occurrences, 2011

Table 33

Age of Female	Weeks of Gestation							Total
	Less than 9	9-10	11-12	13-15	16-19	20 or More	Unknown	
10-14	6	6	0	0	0	0	0	12
15-17	40	16	17	1	5	0	0	79
18-19	139	34	25	13	7	0	0	218
20-24	371	111	81	32	15	3	1	614
25-29	250	77	53	32	10	3	0	425
30-34	182	48	35	9	9	2	0	285
35-39	106	23	21	8	2	0	0	160
40-44	31	6	2	2	2	0	0	43
45+	0	1	0	0	0	0	0	1
Unknown	0	0	0	0	0	0	0	0
Total	1,125	322	234	97	50	8	1	1,837

Note: Gestational age is calculated from the date of last menses EXCEPT when the date of last menses is unknown. The physician's estimate of gestation is substituted if the calculation is not possible.

Induced Terminations of Pregnancy
By Age of Female and Marital Status
West Virginia Occurrences, 2011

Table 34

Age of Female	Marital Status						Total
	Married	Never Married	Divorced	Separated	Widowed	Unknown	
10-14	0	12	0	0	0	0	12
15-17	2	77	0	0	0	0	79
18-19	9	208	0	1	0	0	218
20-24	54	550	5	5	0	0	614
25-29	76	320	17	11	1	0	425
30-34	87	170	24	3	1	0	285
35-39	48	89	20	3	0	0	160
40-44	17	19	2	4	1	0	43
45+	1	0	0	0	0	0	1
Unknown	0	0	0	0	0	0	0
Total	294	1,445	68	27	3	0	1,837

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Induced Terminations of Pregnancy
By Age of Female and Previous Live Births
West Virginia Occurrences, 2011

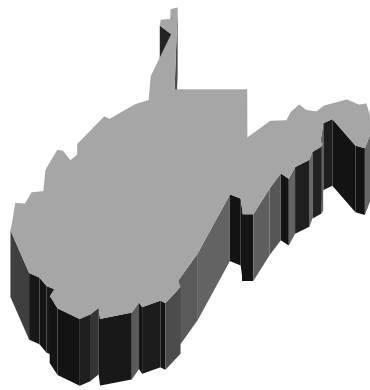
Table 35

Age of Female	Previous Live Births					Total
	None	One	Two	Three	Four or More	
10-14	12	0	0	0	0	12
15-17	72	7	0	0	0	79
18-19	151	55	12	0	0	218
20-24	254	228	108	17	7	614
25-29	95	135	123	58	14	425
30-34	42	88	80	49	26	285
35-39	21	41	56	30	12	160
40-44	9	7	13	11	3	43
45+	0	0	1	0	0	1
Unknown	0	0	0	0	0	0
Total	656	561	393	165	62	1,837

Previous Induced Terminations of Pregnancy
By Age of Female
West Virginia Occurrences, 2011

Table 36

Age of Female	Previous Induced Terminations						Total
	None	One	Two	Three	Four or More	Unknown	
10-14	12	0	0	0	0	0	12
15-17	74	5	0	0	0	0	79
18-19	172	36	9	1	0	0	218
20-24	427	136	39	10	2	0	614
25-29	248	112	36	15	14	0	425
30-34	136	95	26	13	15	0	285
35-39	79	57	13	5	6	0	160
40-44	25	11	6	0	1	0	43
45+	1	0	0	0	0	0	1
Unknown	0	0	0	0	0	0	0
Total	1,174	452	129	44	38	0	1,837



West Virginia Vital Statistics
Marriages & Divorces

Marriages

For the second straight year, the number of marriages in West Virginia increased, from 12,662 in 2010 to 13,271 in 2011. The marriage rate in 2011 was 7.2 per 1,000 population, higher than the 2010 rate of 6.8. The 2011 U.S. provisional rate was 6.8.

For all marriages in 2011, the median age was 28 for brides and 31 for grooms. The mode (most frequently reported age) for all marriages was 24 for brides and 25 for grooms. There were 135 brides and 25 grooms aged less than 18. There were 176 brides and 332 grooms over the age of 65. Also in 2011, there were 220 marriages in which the groom was 20 years or more older than the bride, while there were 22 marriages in which the bride was at least 20 years older.

For first marriages, the median age for brides was 24; for grooms it was 26. The mode for first marriages in West Virginia was 21 for brides and 25 for grooms. All of West Virginia's brides and grooms less than 18 years of age were in their first marriage. There were seven brides and three grooms over the age of 65 for which it was a first marriage.

Divorces and Annulments

The number of divorces and annulments increased by 189 or 2.0%, from 9,431 in 2010 to 9,620 in 2011. The 2011 rate of 5.2 per 1,000 population was a little higher than the 2010 rate of 5.1.

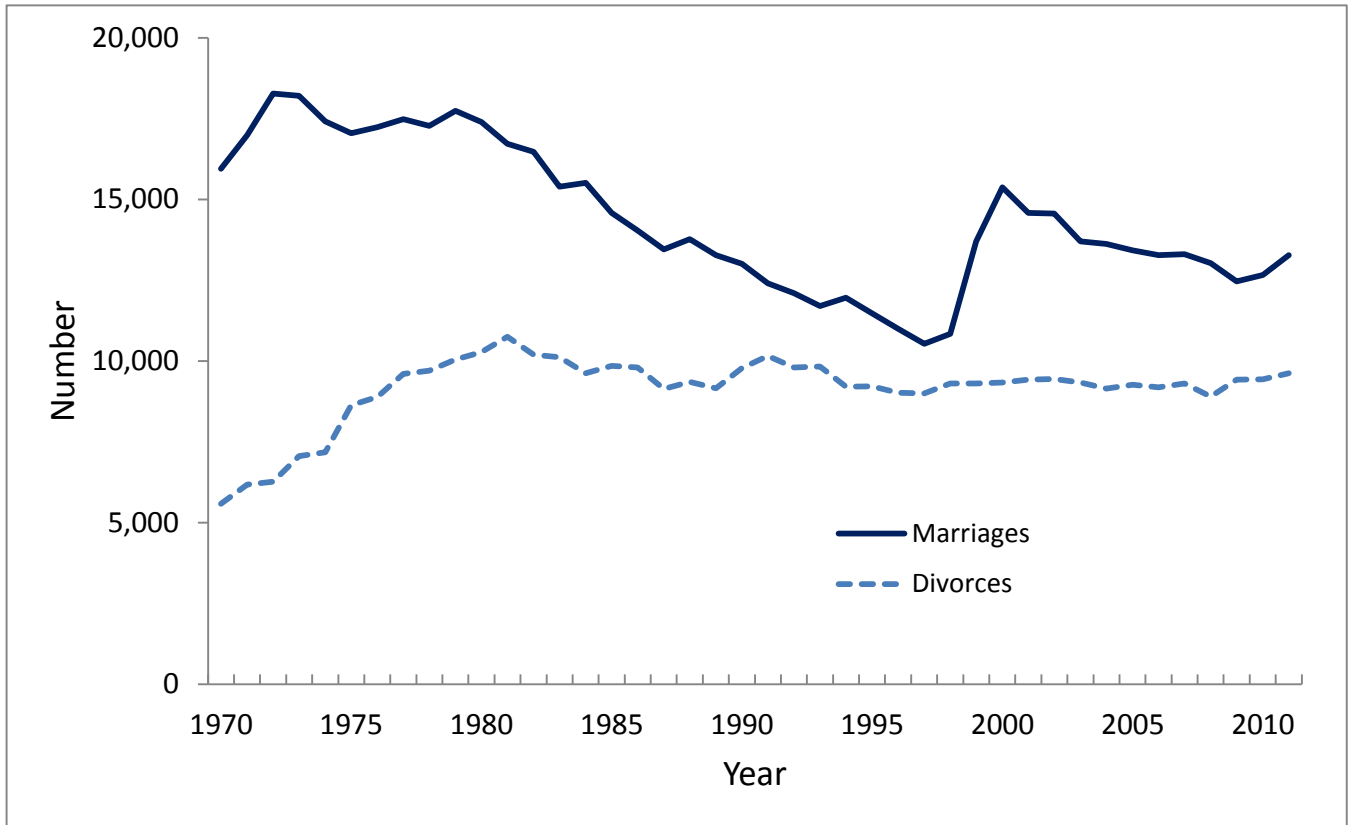
Of the 9,620 divorces in West Virginia in 2011, the median duration of marriage was six years. Approximately one out of every five (20.3%) West Virginia divorces with a known duration in 2011 involved marriages lasting only two years or less; 7.8% involved marriages of 25 years or longer. There were twelve (12) divorces involving a wife aged less than 18 and there were two husbands under age 18. During 2011, 104 divorces involved a wife aged 65 or older and 249 involved a husband in the age group.

Over one-half (53.2%) of the divorces involved no children under 18 years of age in the family, while one child was involved in 22.8% of all divorces and two children were involved in 17.4%. Four divorces involved six or more children.

Note Regarding Marriage and Divorce/Annulment Statistics

Statistics regarding marriage and divorce/annulments are by occurrence only. They include only those that occur within the state of West Virginia regardless of where the couple reside.

Marriages and Divorces West Virginia, 1970-2011 Exhibit 16



Year	Marriages	Divorces and Annulments
1970	15,948	5,584
1975	17,041	8,632
1980	17,391	10,273
1985	14,580	9,851
1990	13,012	9,783
1995	11,472	9,219
2000	15,375	9,336
2005	13,423	9,269
2006	13,276	9,191
2007	13,308	9,305
2008	13,025	8,903
2009	12,463	9,420
2010	12,662	9,431
2011	13,271	9,620

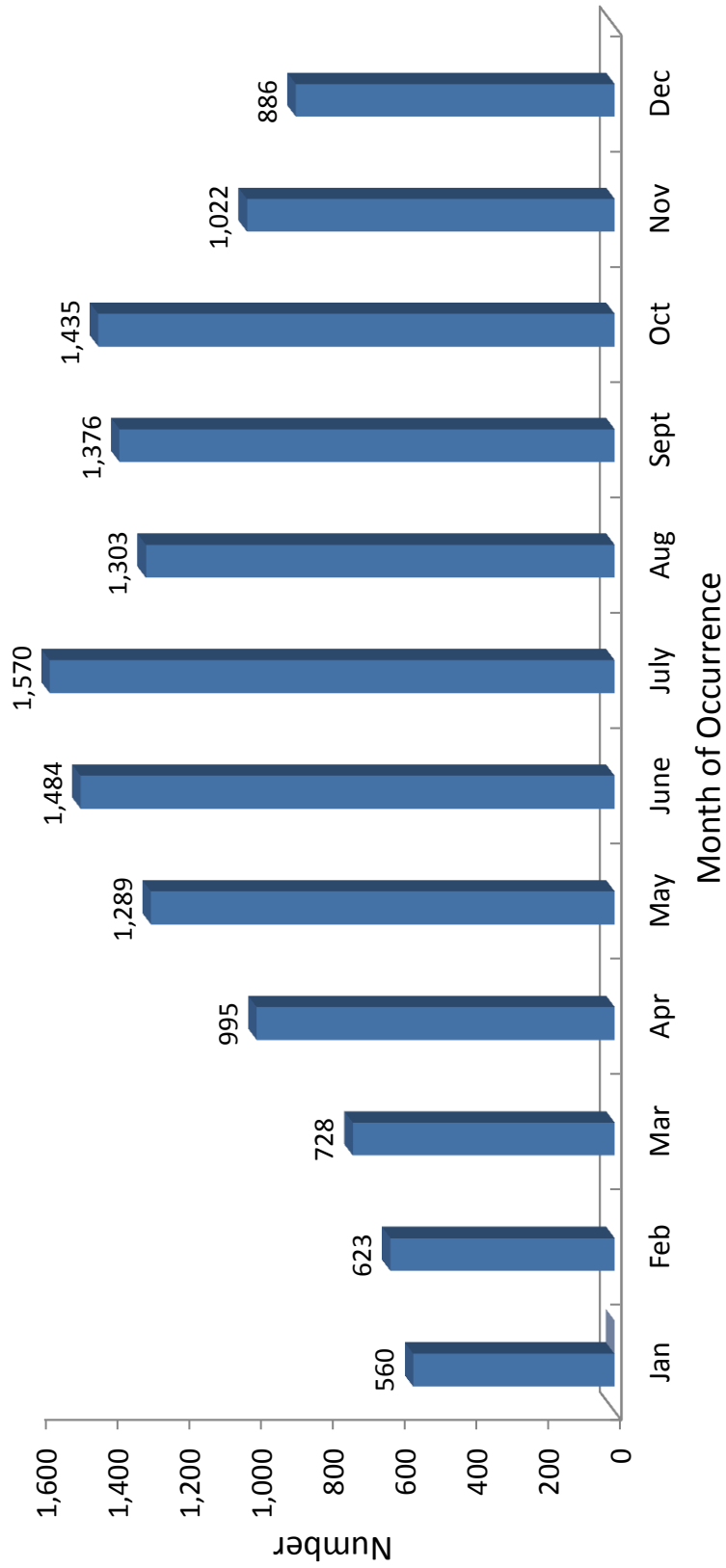
Marriages by Age of Bride and Groom
West Virginia, 2011
Table 37

Age of Bride	Age of Groom											Total	
	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60 Years & Over		Unknown
10-14 Years	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19 Years	0	338	580	103	35	8	4	2	1	0	1	0	1,072
20-24 Years	0	112	1,753	1,139	310	118	41	19	11	3	3	0	3,509
25-29 Years	0	12	303	1,219	730	281	95	35	21	8	2	0	2,706
30-34 Years	0	4	77	307	649	426	213	87	33	15	10	0	1,821
35-39 Years	0	0	27	83	193	377	291	160	55	26	13	0	1,225
40-44 Years	0	1	10	22	70	161	295	235	125	43	31	0	993
45-49 Years	0	0	2	10	16	40	122	215	198	87	44	0	734
50-54 Years	0	0	1	1	4	13	40	79	167	120	87	0	512
55-59 Years	0	0	1	0	2	3	5	27	49	104	118	0	309
60 Years & Over	0	0	0	0	1	3	0	7	23	24	330	0	388
Unknown	0	0	1	0	0	0	1	0	0	0	0	0	2
Total	0	467	2,755	2,884	2,010	1,430	1,107	866	683	430	639	0	13,271

Note: Age at the time the marriage license was issued. Marriage license is valid for 60 days from the date issued.

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Marriages by Month of Occurrence West Virginia, 2010 Exhibit 17



West Virginia Bureau for Public Health
Health Statistics Center, 2014

**Marriages by Previous Marital Status
West Virginia, 2011
Table 38**

Bride	Groom					Total
	Never Married	Widowed	Divorced	Annulled	Not Stated	
Never Married	6,047	57	1,410	10	0	7,524
Widowed	75	153	268	1	0	497
Divorced	1,525	239	3,437	12	2	5,215
Annulled	6	2	12	3	0	23
Not Stated	2	1	8	0	1	12
Total	7,655	452	5,135	26	3	13,271

**Marriages by Number of Previous Marriages
West Virginia, 2011
Table 39**

Bride	Groom					Total	
	Never Previously Married	One Previous Marriage	Two Previous Marriages	Three Previous Marriages	Four or More Previous Marriages		Not Stated
Never Previously Married	6,047	1,193	236	35	13	0	7,524
One Previous Marriage	1,284	1,768	571	138	30	1	3,792
Two Previous Marriages	241	636	382	84	38	0	1,381
Three Previous Marriages	65	166	119	47	8	0	405
Four or More Previous Marriages	17	67	42	23	13	0	162
Not Stated	1	3	2	0	0	1	7
Total	7,655	3,833	1,352	327	102	2	13,271

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Divorces and Annulments by Age of Husband and Wife
West Virginia, 2011
Table 40

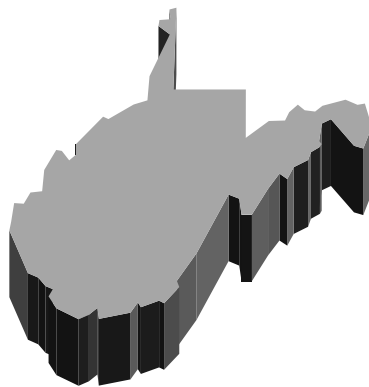
Age of Wife	Age of Husband											Total	
	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60 Years & Over		Un-known
10-14 Years	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19 Years	0	19	82	20	8	1	1	0	0	0	0	1	132
20-24 Years	0	10	424	369	94	38	6	5	1	0	0	14	961
25-29 Years	0	1	74	636	497	158	69	20	9	3	0	17	1,484
30-34 Years	0	0	21	159	584	494	195	59	31	11	7	25	1,586
35-39 Years	0	0	9	45	195	593	429	173	60	30	15	14	1,563
40-44 Years	0	0	2	11	45	197	479	370	107	41	28	14	1,294
45-49 Years	0	0	1	4	17	63	145	340	244	104	46	18	982
50-54 Years	0	0	0	0	3	12	46	97	226	139	77	6	606
55-59 Years	0	0	1	0	0	6	11	27	65	121	104	1	336
60 Years & Over	0	0	0	0	0	0	6	6	23	40	236	7	318
Unknown	0	0	18	25	25	26	18	18	19	10	14	185	358
Total	0	30	632	1,269	1,468	1,588	1,405	1,115	785	499	527	302	9,620

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Divorces and Annulments by Duration of Marriage and Number of Children
West Virginia, 2011
Table 41

Duration of Marriage in Years	Number of Children Reported Under 18 Years of Age							Total	
	None	One	Two	Three	Four	Five	Six or More		Un-known
Under 1 Year	352	49	18	4	3	0	0	0	426
1 to 4 Years	1,847	746	280	57	8	0	0	0	2,938
5 to 9 Years	1,124	593	504	172	22	4	0	0	2,419
10 to 14 Years	510	349	443	164	26	6	2	0	1,500
15 to 19 Years	336	202	296	89	20	7	2	0	952
20 to 24 Years	301	166	95	34	6	1	0	0	603
25 to 29 Years	279	64	25	5	2	0	0	1	376
30 to 34 Years	162	12	4	0	2	0	0	0	180
35 to 39 Years	89	3	2	1	0	0	0	0	95
40 to 44 Years	52	2	0	0	0	0	0	0	54
45 to 49 Years	24	0	0	0	0	0	0	0	24
50 to 54 Years	9	0	0	1	0	0	0	0	10
55 to 59 Years	4	0	0	0	0	0	0	0	4
60 Years & Over	1	0	0	0	0	0	0	0	1
Unknown	23	8	5	2	0	0	0	0	38
Total	5,113	2,194	1,672	529	89	18	4	1	9,620

West Virginia Bureau for Public Health
Health Statistics Center, 2014



West Virginia Vital Statistics
County-Level Data

County and City Summary

Beginning with the *West Virginia Vital Statistics 2008* report, the Health Statistics Center began separating county statistics from the state totals. Although the tables have been rearranged from previous publications, the same information is presented. The birth section is followed by information on deaths (including infant and fetal) and then marriages and divorces. Practically all of ITOP data is collected from two clinics, both in Kanawha County, and is reported as occurrence data. ITOP statistics displayed at the county or city level would be meaningless and misleading.

West Virginia Vital Statistics 2007 expanded the number of cities for which data were presented. Before then, data were included for the 15 cities in the state that had populations of 10,000 or more. Because some cities have dropped below that mark in the past decade or more, it was then decided to include data for the state's 25 most populated cities, regardless of the size of the population. It has now increased to the 30 most populated cities beginning with the 2010 edition.

Number of Births by County of Residence and Occurrence
 Birth Rates by County of Residence
 West Virginia, 2011
 Table 42

County	Residence		Occurrence	County	Residence		Occurrence
	Number	Rate per 1,000 Population*			Number	Rate per 1,000 Population*	
Barbour	183	11.1	1	Monongalia	1,050	10.7	2,376
Berkeley	1,354	12.8	928	Monroe	141	10.4	2
Boone	306	12.5	1	Morgan	157	9.0	0
Braxton	154	10.6	5	Nicholas	301	11.5	320
Brooke	181	7.6	387	Ohio	456	10.3	1,410
Cabell	1,214	12.6	2,932	Pendleton	85	11.1	0
Calhoun	90	11.8	0	Pleasants	51	6.7	0
Clay	115	12.3	0	Pocahontas	88	10.0	8
Doddridge	60	7.3	2	Preston	376	11.1	34
Fayette	589	12.9	4	Putnam	607	10.8	26
Gilmer	66	7.6	1	Raleigh	978	12.4	1,460
Grant	115	9.7	226	Randolph	303	10.3	336
Greenbrier	341	9.5	588	Ritchie	101	9.8	2
Hampshire	223	9.4	4	Roane	155	10.4	4
Hancock	310	10.1	0	Summers	131	9.4	2
Hardy	137	9.8	0	Taylor	177	10.5	1
Harrison	809	11.7	900	Tucker	64	9.1	1
Jackson	310	10.6	2	Tyler	90	9.9	0
Jefferson	634	11.7	298	Upshur	274	11.3	288
Kanawha	2,148	11.2	3,976	Wayne	383	9.1	3
Lewis	205	12.5	352	Webster	106	11.6	1
Lincoln	274	12.7	0	Wetzel	170	10.4	3
Logan	452	12.4	319	Wirt	52	9.0	0
McDowell	254	11.7	45	Wood	990	11.4	1,597
Marion	679	12.0	445	Wyoming	250	10.7	0
Marshall	285	8.7	92				
Mason	274	10.0	214				
Mercer	770	12.3	1,255	Total	20,705	11.2	20,959
Mineral	291	10.3	4				
Mingo	346	13.0	104				

*Rates are calculated per 1,000 population. 2011 population estimates are from the U.S. Bureau of the Census.

Number of Births by County of Residence
West Virginia, 2007-2011

Table 43

County	2007	2008	2009	2010	2011	County	2007	2008	2009	2010	2011
Barbour	194	174	171	152	183	Monongalia	907	921	927	974	1,050
Berkeley	1,517	1,434	1,352	1,282	1,354	Monroe	142	150	132	133	141
Boone	322	353	327	307	306	Morgan	170	160	162	131	157
Braxton	176	148	160	162	154	Nicholas	324	311	332	291	301
Brooke	220	223	208	202	181	Ohio	509	464	508	472	456
Cabell	1,234	1,259	1,263	1,143	1,214	Pendleton	72	74	97	70	85
Calhoun	83	77	92	84	90	Pleasants	82	77	64	56	51
Clay	147	142	132	132	115	Pocahontas	97	92	101	79	88
Doddridge	65	74	77	71	60	Preston	345	367	352	332	376
Fayette	628	568	606	567	589	Putnam	640	614	601	583	607
Gilmer	80	56	72	78	66	Raleigh	990	925	970	974	978
Grant	125	126	134	128	115	Randolph	347	326	293	283	303
Greenbrier	402	399	397	353	341	Ritchie	104	113	103	83	101
Hampshire	268	264	237	225	223	Roane	174	165	148	157	155
Hancock	319	331	293	289	310	Summers	122	116	123	107	131
Hardy	177	165	158	148	137	Taylor	165	161	198	179	177
Harrison	810	855	826	798	809	Tucker	83	66	69	68	64
Jackson	330	364	325	334	310	Tyler	96	75	100	80	90
Jefferson	725	688	627	602	634	Upshur	273	256	268	273	274
Kanawha	2,368	2,395	2,280	2,206	2,148	Wayne	460	460	410	366	383
Lewis	233	202	192	189	205	Webster	118	109	134	99	106
Lincoln	268	273	257	257	274	Wetzel	164	171	174	170	170
Logan	458	420	426	437	452	Wirt	50	62	40	67	52
McDowell	294	302	293	278	254	Wood	1,046	957	1,037	969	990
Marion	664	625	647	677	679	Wyoming	250	259	268	264	250
Marshall	356	330	329	323	285	Total	22,017	21,493	21,275	20,471	20,705
Mason	340	313	279	309	274						
Mercer	755	814	817	789	770						
Mineral	333	320	320	301	291						
Mingo	396	348	367	388	346						

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Number and Percent of Low Birthweight (LBW) Births
By County of Residence
West Virginia, 2011
Table 44

County	Number of Births	Low Birthweight*	Percent LBW	County	Number of Births	Low Birthweight*	Percent LBW
Barbour	183	9	4.9%	Monongalia	1,050	79	7.5%
Berkeley	1,354	95	7.0%	Monroe	141	7	5.0%
Boone	306	22	7.2%	Morgan	157	16	10.2%
Braxton	154	18	11.7%	Nicholas	301	37	12.3%
Brooke	181	17	9.4%	Ohio	456	50	11.0%
Cabell	1,214	109	9.0%	Pendleton	85	10	11.9%
Calhoun	90	19	21.1%	Pleasants	51	3	5.9%
Clay	115	10	8.8%	Pocahontas	88	11	12.6%
Doddridge	60	3	5.0%	Preston	376	45	12.0%
Fayette	589	66	11.2%	Putnam	607	53	8.7%
Gilmer	66	6	9.1%	Raleigh	978	96	9.8%
Grant	115	10	8.7%	Randolph	303	30	9.9%
Greenbrier	341	24	7.0%	Ritchie	101	10	9.9%
Hampshire	223	14	6.3%	Roane	155	9	5.8%
Hancock	310	23	7.4%	Summers	131	17	13.0%
Hardy	137	14	10.2%	Taylor	177	26	14.7%
Harrison	809	72	8.9%	Tucker	64	3	4.7%
Jackson	310	24	7.8%	Tyler	90	5	5.6%
Jefferson	634	57	9.0%	Upshur	274	24	8.8%
Kanawha	2,148	221	10.3%	Wayne	383	48	12.5%
Lewis	205	24	11.7%	Webster	106	15	14.2%
Lincoln	274	39	14.2%	Wetzel	170	16	9.4%
Logan	452	42	9.3%	Wirt	52	3	5.8%
McDowell	254	29	11.4%	Wood	990	96	9.7%
Marion	679	55	8.1%	Wyoming	250	37	14.8%
Marshall	285	33	11.6%				
Mason	274	24	8.8%				
Mercer	770	102	13.3%	Total	20,705	1,986	9.6%
Mineral	291	19	6.5%				
Mingo	346	40	11.6%				

* < 2,500 grams

Percentages are calculated excluding unknown.

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Age of Mother by County
West Virginia Resident Births, 2011

Table 45

County	Age of Mother										Total
	10-14 Years	15-17 Years	18-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45 Years & Over	Un- known	
Barbour	1	4	12	71	49	35	8	3	0	0	183
Berkeley	2	31	86	373	445	280	104	30	3	0	1,354
Boone	0	18	29	106	83	50	14	4	2	0	306
Braxton	1	4	20	65	37	21	2	2	2	0	154
Brooke	0	5	10	58	56	35	16	1	0	0	181
Cabell	3	40	117	331	369	246	91	17	0	0	1,214
Calhoun	0	2	8	30	21	20	4	3	2	0	90
Clay	0	1	11	50	31	13	8	0	1	0	115
Doddridge	0	3	5	16	19	11	3	3	0	0	60
Fayette	1	26	72	171	170	89	51	8	1	0	589
Gilmer	0	0	4	25	18	14	5	0	0	0	66
Grant	0	4	12	42	29	16	8	4	0	0	115
Greenbrier	0	10	28	125	81	60	27	10	0	0	341
Hampshire	0	11	25	62	61	45	14	5	0	0	223
Hancock	0	4	21	88	93	64	29	11	0	0	310
Hardy	1	4	6	54	37	24	10	1	0	0	137
Harrison	0	30	79	250	229	151	51	15	4	0	809
Jackson	0	8	21	102	98	58	21	1	1	0	310
Jefferson	1	17	35	153	193	151	60	23	1	0	634
Kanawha	4	70	167	592	656	441	177	36	5	0	2,148
Lewis	0	7	22	71	50	40	12	3	0	0	205
Lincoln	0	20	31	103	68	36	13	3	0	0	274
Logan	0	29	48	164	103	78	27	2	1	0	452
McDowell	1	17	31	107	52	29	16	0	0	1	254
Marion	1	3	51	198	185	178	51	11	1	0	679
Marshall	0	11	30	82	76	66	13	5	2	0	285
Mason	0	11	26	86	89	40	19	2	1	0	274
Mercer	4	29	74	268	195	129	49	17	4	1	770
Mineral	1	11	32	98	85	38	21	5	0	0	291
Mingo	0	16	28	139	89	43	22	9	0	0	346
Monongalia	0	11	40	227	362	280	105	22	3	0	1,050
Monroe	0	3	13	43	37	28	10	7	0	0	141
Morgan	0	5	13	44	49	33	11	2	0	0	157
Nicholas	0	12	24	100	80	63	15	6	1	0	301
Ohio	1	19	34	126	126	97	44	8	1	0	456
Pendleton	0	2	4	27	29	18	4	1	0	0	85
Pleasants	0	2	6	24	8	5	6	0	0	0	51
Pocahontas	0	1	5	27	33	15	6	0	1	0	88
Preston	1	17	30	101	101	97	23	6	0	0	376
Putnam	0	13	34	138	185	159	63	13	2	0	607
Raleigh	2	28	103	321	281	171	52	15	5	0	978
Randolph	1	11	32	105	68	66	16	4	0	0	303
Ritchie	0	4	9	30	35	14	7	2	0	0	101
Roane	0	6	8	58	42	22	15	1	3	0	155
Summers	0	7	12	41	36	23	11	0	1	0	131
Taylor	0	6	14	51	62	27	15	1	1	0	177
Tucker	0	0	7	17	20	15	3	1	1	0	64
Tyler	0	3	13	36	24	10	3	1	0	0	90
Upshur	0	5	32	80	86	50	16	4	1	0	274
Wayne	0	10	37	134	100	68	24	8	2	0	383
Webster	0	2	17	41	21	17	4	3	1	0	106
Wetzel	1	7	19	65	35	31	10	2	0	0	170
Wirt	0	4	4	16	20	5	2	1	0	0	52
Wood	0	29	91	313	302	178	64	10	3	0	990
Wyoming	0	12	28	90	59	45	10	5	1	0	250
Total	27	665	1,770	6,335	5,968	4,038	1,485	357	58	2	20,705

Mother's Marital Status and Method of Paternity Establishment for
 Unmarried Mothers by County
 West Virginia Occurrence Births, 2011
 Table 46

County	Total Births	Mother's Marital Status		Mother Unmarried with Paternity Established		Mother Unmarried with Father Unknown
		Married*	Unmarried	Paternity Affidavit Accepted	Father Established by Other Methods	
Barbour	1	1	0	0	0	0
Berkeley	928	411	517	382	38	97
Boone	1	1	0	0	0	0
Braxton	5	2	3	0	2	1
Brooke	387	179	208	154	15	39
Cabell	2,932	1,676	1,256	845	122	289
Calhoun	0	0	0	0	0	0
Clay	0	0	0	0	0	0
Doddridge	2	1	1	0	1	0
Fayette	4	4	0	0	0	0
Gilmer	1	1	0	0	0	0
Grant	226	111	115	84	5	26
Greenbrier	588	295	293	205	33	55
Hampshire	4	3	1	0	0	1
Hancock	0	0	0	0	0	0
Hardy	0	0	0	0	0	0
Harrison	900	479	421	332	34	55
Jackson	2	2	0	0	0	0
Jefferson	298	125	173	132	18	23
Kanawha	3,976	2,307	1,669	1,217	211	241
Lewis	352	153	199	146	20	33
Lincoln	0	0	0	0	0	0
Logan	319	149	170	97	33	40
McDowell	45	19	26	13	8	5
Marion	445	215	230	171	18	41
Marshall	92	35	57	36	12	9
Mason	214	101	113	87	9	17
Mercer	1,255	693	562	348	79	135
Mineral	4	4	0	0	0	0
Mingo	104	58	46	20	13	13
Monongalia	2,376	1,601	775	551	74	150
Monroe	2	2	0	0	0	0
Morgan	0	0	0	0	0	0
Nicholas	320	148	172	113	24	35
Ohio	1,410	762	648	477	45	126
Pendleton	0	0	0	0	0	0
Pleasants	0	0	0	0	0	0
Pocahontas	8	6	2	2	0	0
Preston	34	17	17	13	1	3
Putnam	26	17	9	8	0	1
Raleigh	1,460	771	689	466	80	143
Randolph	336	170	166	131	11	24
Ritchie	2	0	2	1	1	0
Roane	4	2	2	2	0	0
Summers	2	1	1	1	0	0
Taylor	1	1	0	0	0	0
Tucker	1	1	0	0	0	0
Tyler	0	0	0	0	0	0
Upshur	288	175	113	71	13	29
Wayne	3	2	1	1	0	0
Webster	1	0	1	1	0	0
Wetzel	3	1	2	2	0	0
Wirt	0	0	0	0	0	0
Wood	1,597	874	723	515	85	123
Wyoming	0	0	0	0	0	0
Total	20,959	11,576	9,383	6,624	1,005	1,754

Births by Month by County
West Virginia Residents, 2011
Table 47

County	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Barbour	20	10	6	18	14	10	17	16	25	17	18	12	183
Berkeley	105	123	105	103	102	114	129	132	144	105	95	97	1,354
Boone	28	20	25	32	27	30	30	31	23	21	17	22	306
Braxton	17	11	8	9	12	18	14	13	9	20	11	12	154
Brooke	13	12	16	13	19	15	23	17	14	18	9	12	181
Cabell	94	83	85	99	90	118	115	116	107	101	94	112	1,214
Calhoun	4	8	8	7	5	11	3	6	7	8	11	12	90
Clay	13	6	13	7	8	10	14	12	7	10	6	9	115
Doddridge	5	5	7	4	6	6	6	7	2	3	4	5	60
Fayette	52	49	30	50	49	48	57	62	51	42	50	49	589
Gilmer	9	4	4	6	2	8	7	6	3	8	7	2	66
Grant	7	13	7	14	10	6	6	10	6	7	11	18	115
Greenbrier	25	34	26	23	28	29	26	31	34	24	28	33	341
Hampshire	22	14	17	23	18	13	27	15	20	16	20	18	223
Hancock	25	30	27	25	19	28	19	25	26	25	35	26	310
Hardy	13	12	13	8	12	14	7	14	10	11	11	12	137
Harrison	62	54	72	68	60	81	66	86	57	65	64	74	809
Jackson	25	21	27	22	27	29	25	30	35	25	21	23	310
Jefferson	40	46	55	67	55	49	53	61	55	64	29	60	634
Kanawha	177	144	165	153	148	197	219	206	215	163	179	182	2,148
Lewis	22	14	18	17	21	24	15	13	12	12	18	19	205
Lincoln	21	26	26	24	25	29	21	20	24	14	27	17	274
Logan	45	30	38	25	43	38	39	39	41	30	38	46	452
McDowell	24	20	20	15	24	13	28	25	23	28	17	17	254
Marion	55	56	54	61	57	70	56	56	49	52	55	58	679
Marshall	25	20	34	21	33	16	25	26	16	23	26	20	285
Mason	28	13	20	20	20	15	36	27	33	16	27	19	274
Mercer	58	51	49	73	58	72	75	78	67	57	63	69	770
Mineral	26	31	25	22	16	22	27	26	17	33	23	23	291
Mingo	24	27	33	23	19	26	29	31	36	32	33	33	346
Monongalia	96	74	95	77	88	93	97	98	102	84	72	74	1,050
Monroe	11	12	3	8	18	8	15	17	14	13	10	12	141
Morgan	14	11	14	17	8	7	15	14	12	13	17	15	157
Nicholas	27	24	24	20	31	22	29	34	19	15	29	27	301
Ohio	33	35	25	33	36	44	33	50	45	42	41	39	456
Pendleton	7	4	9	6	6	4	8	7	7	7	10	10	85
Pleasants	8	6	6	8	5	4	5	1	1	2	3	2	51
Pocahontas	8	3	10	9	9	11	4	9	6	9	6	4	88
Preston	31	32	30	36	30	27	45	35	31	29	26	24	376
Putnam	37	53	48	50	53	51	59	58	55	45	46	52	607
Raleigh	76	67	87	79	81	90	83	101	97	73	68	76	978
Randolph	26	19	22	26	30	29	30	25	32	21	21	22	303
Ritchie	8	11	7	14	4	11	8	4	14	8	7	5	101
Roane	16	9	13	15	14	12	14	10	11	16	10	15	155
Summers	16	7	9	12	15	14	13	14	5	11	5	10	131
Taylor	10	18	14	16	13	10	14	16	17	19	15	15	177
Tucker	3	6	3	5	8	7	6	4	7	0	7	8	64
Tyler	10	4	8	2	8	8	11	9	8	11	4	7	90
Upshur	21	21	23	22	21	17	26	31	25	26	30	11	274
Wayne	27	36	30	32	35	33	32	29	33	22	41	33	383
Webster	8	7	10	12	5	12	13	10	7	7	6	9	106
Wetzel	14	7	16	14	14	16	17	12	17	16	17	10	170
Wirt	5	5	5	4	4	5	8	2	5	5	3	1	52
Wood	92	77	80	85	73	97	81	88	84	87	71	75	990
Wyoming	21	24	19	22	21	22	16	25	17	18	17	28	250
Total	1,709	1,559	1,643	1,676	1,657	1,813	1,896	1,940	1,839	1,649	1,629	1,695	20,705

Place of Delivery, Gender of Child by Race and Marital Status of Mother by County
West Virginia Resident Births, 2011

Table 48

County	Place of Delivery		White or Caucasian		Black or African American		All Other Races		Number of Births to Unmarried Mothers	Total
	Hospital*	Non-Hospital**	Male	Female	Male	Female	Male	Female		
Barbour	182	1	88	89	0	0	4	2	87	183
Berkeley	1,321	33	640	598	47	40	13	14	564	1,354
Boone	305	1	177	125	1	0	3	0	146	306
Braxton	152	2	88	66	0	0	0	0	77	154
Brooke	181	0	81	96	2	1	0	0	90	181
Cabell	1,207	7	568	558	35	22	17	12	552	1,214
Calhoun	89	1	44	46	0	0	0	0	41	90
Clay	115	0	65	50	0	0	0	0	54	115
Doddridge	58	2	29	30	0	0	1	0	23	60
Fayette	584	5	287	277	9	10	1	4	301	589
Gilmer	65	1	33	33	0	0	0	0	26	66
Grant	112	3	61	54	0	0	0	0	47	115
Greenbrier	330	11	172	155	3	5	2	4	163	341
Hampshire	214	9	117	103	1	1	0	1	102	223
Hancock	310	0	164	131	3	7	1	4	151	310
Hardy	126	11	71	60	1	2	2	1	59	137
Harrison	807	2	419	372	4	6	4	4	374	809
Jackson	308	2	156	152	1	0	0	1	124	310
Jefferson	530	104	290	291	19	15	10	9	246	634
Kanawha	2,137	11	1,009	928	95	72	21	23	998	2,148
Lewis	204	1	109	92	0	1	3	0	105	205
Lincoln	273	1	132	139	2	0	1	0	134	274
Logan	452	0	247	198	2	3	1	1	181	452
McDowell	248	6	119	113	12	4	1	5	120	254
Marion	677	2	332	306	14	21	2	3	284	679
Marshall	284	1	164	115	2	1	3	0	144	285
Mason	270	4	141	129	1	1	0	2	116	274
Mercer	741	29	368	334	32	23	5	6	384	770
Mineral	287	4	130	147	2	8	2	2	130	291
Mingo	346	0	189	151	3	3	0	0	144	346
Monongalia	1,042	8	492	463	19	9	30	35	297	1,050
Monroe	125	16	76	62	0	2	1	0	50	141
Morgan	156	1	84	70	0	2	0	1	77	157
Nicholas	301	0	141	160	0	0	0	0	128	301
Ohio	453	3	205	219	12	4	9	7	228	456
Pendleton	45	40	38	43	1	2	0	1	18	85
Pleasants	51	0	29	21	0	0	1	0	26	51
Pocahontas	80	8	42	40	4	2	0	0	39	88
Preston	374	2	204	172	0	0	0	0	154	376
Putnam	601	6	294	300	3	2	3	5	186	607
Raleigh	969	9	438	441	46	41	11	0	413	978
Randolph	300	3	140	156	1	0	1	2	161	303
Ritchie	99	2	54	45	0	1	0	1	48	101
Roane	153	2	70	83	0	0	1	1	67	155
Summers	127	4	55	69	1	3	2	1	63	131
Taylor	176	1	96	78	1	1	1	0	75	177
Tucker	63	1	32	31	0	1	0	0	25	64
Tyler	89	1	47	41	0	1	0	1	30	90
Upshur	274	0	139	131	2	0	0	0	117	274
Wayne	382	1	182	199	0	0	2	0	155	383
Webster	105	1	61	45	0	0	0	0	52	106
Wetzel	170	0	83	85	0	1	1	0	96	170
Wirt	52	0	30	22	0	0	0	0	22	52
Wood	984	6	516	442	5	9	8	10	469	990
Wyoming	250	0	144	106	0	0	0	0	96	250
Total	20,336	369	10,182	9,462	386	327	168	163	9,059	20,705

West Virginia Bureau for Public Health
Health Statistics Center, 2014

*Includes hospitals, en route to hospital and birthing centers.

**Includes 243 unknown.

NOTE: Does NOT include 17 births with mother's unknown race.

Trimester Prenatal Care Began by County
West Virginia Resident Births, 2011

Table 49

County	First Trimester		Second Trimester		Third Trimester		No Care		Unknown	Total
	Births	Percent*	Births	Percent*	Births	Percent*	Births	Percent*		
Barbour	162	89.0%	18	9.9%	1	0.5%	1	0.5%	1	183
Berkeley	1,160	87.1%	139	10.4%	18	1.4%	15	1.1%	22	1,354
Boone	239	79.4%	46	15.3%	16	5.3%	0	0.0%	5	306
Braxton	118	80.3%	20	13.6%	9	6.1%	0	0.0%	7	154
Brooke	141	82.5%	22	12.9%	5	2.9%	3	1.8%	10	181
Cabell	1,004	83.6%	169	14.1%	24	2.0%	4	0.3%	13	1,214
Calhoun	76	84.4%	11	12.2%	1	1.1%	2	2.2%	0	90
Clay	74	64.3%	34	29.6%	6	5.2%	1	0.9%	0	115
Doddridge	56	93.3%	3	5.0%	1	1.7%	0	0.0%	0	60
Fayette	459	80.2%	94	16.4%	15	2.6%	4	0.7%	17	589
Gilmer	51	82.3%	10	16.1%	1	1.6%	0	0.0%	4	66
Grant	97	85.1%	13	11.4%	4	3.5%	0	0.0%	1	115
Greenbrier	292	86.4%	40	11.8%	5	1.5%	1	0.3%	3	341
Hampshire	188	85.1%	32	14.5%	1	0.5%	0	0.0%	2	223
Hancock	218	77.9%	49	17.5%	9	3.2%	4	1.4%	30	310
Hardy	111	81.0%	21	15.3%	5	3.6%	0	0.0%	0	137
Harrison	727	90.1%	67	8.3%	9	1.1%	4	0.5%	2	809
Jackson	271	87.7%	33	10.7%	5	1.6%	0	0.0%	1	310
Jefferson	570	92.2%	40	6.5%	6	1.0%	2	0.3%	16	634
Kanawha	1,789	83.3%	290	13.5%	52	2.4%	17	0.8%	0	2,148
Lewis	179	90.4%	15	7.6%	4	2.0%	0	0.0%	7	205
Lincoln	224	82.4%	40	14.7%	8	2.9%	0	0.0%	2	274
Logan	263	62.8%	124	29.6%	31	7.4%	1	0.2%	33	452
McDowell	173	70.3%	56	22.8%	16	6.5%	1	0.4%	8	254
Marion	566	83.7%	97	14.3%	9	1.3%	4	0.6%	3	679
Marshall	229	82.7%	45	16.2%	1	0.4%	2	0.7%	8	285
Mason	222	84.4%	37	14.1%	4	1.5%	0	0.0%	11	274
Mercer	562	75.8%	141	19.0%	31	4.2%	7	0.9%	29	770
Mineral	210	73.9%	66	23.2%	5	1.8%	3	1.1%	7	291
Mingo	215	78.5%	49	17.9%	9	3.3%	1	0.4%	72	346
Monongalia	886	85.3%	129	12.4%	18	1.7%	6	0.6%	11	1,050
Monroe	113	81.9%	15	10.9%	9	6.5%	1	0.7%	3	141
Morgan	135	87.1%	16	10.3%	4	2.6%	0	0.0%	2	157
Nicholas	230	83.0%	37	13.4%	10	3.6%	0	0.0%	24	301
Ohio	355	80.3%	71	16.1%	13	2.9%	3	0.7%	14	456
Pendleton	63	74.1%	19	22.4%	3	3.5%	0	0.0%	0	85
Pleasants	50	98.0%	1	2.0%	0	0.0%	0	0.0%	0	51
Pocahontas	58	67.4%	18	20.9%	9	10.5%	1	1.2%	2	88
Preston	311	85.0%	44	12.0%	8	2.2%	3	0.8%	10	376
Putnam	530	87.5%	61	10.1%	13	2.1%	2	0.3%	1	607
Raleigh	814	83.8%	123	12.7%	30	3.1%	4	0.4%	7	978
Randolph	248	83.8%	39	13.2%	7	2.4%	2	0.7%	7	303
Ritchie	91	91.0%	7	7.0%	1	1.0%	1	1.0%	1	101
Roane	125	80.6%	21	13.5%	8	5.2%	1	0.6%	0	155
Summers	102	77.9%	25	19.1%	3	2.3%	1	0.8%	0	131
Taylor	156	88.1%	19	10.7%	1	0.6%	1	0.6%	0	177
Tucker	56	88.9%	6	9.5%	1	1.6%	0	0.0%	1	64
Tyler	78	87.6%	11	12.4%	0	0.0%	0	0.0%	1	90
Upshur	228	84.4%	37	13.7%	4	1.5%	1	0.4%	4	274
Wayne	315	84.7%	44	11.8%	10	2.7%	3	0.8%	11	383
Webster	77	76.2%	21	20.8%	1	1.0%	2	2.0%	5	106
Wetzel	145	85.3%	23	13.5%	2	1.2%	0	0.0%	0	170
Wirt	47	90.4%	4	7.7%	1	1.9%	0	0.0%	0	52
Wood	919	93.9%	51	5.2%	8	0.8%	1	0.1%	11	990
Wyoming	180	74.4%	48	19.8%	13	5.4%	1	0.4%	8	250
Total	16,958	83.7%	2,711	13.4%	488	2.4%	111	0.5%	437	20,705

Number of Prenatal Visits by County
West Virginia Resident Births, 2011

Table 50

County	Number of Prenatal Visits										Un-known	Total
	No Visits		1-5 Visits		6-10 Visits		11-15 Visits		16 or More Visits			
	Births	Percent*	Births	Percent*	Births	Percent*	Births	Percent*	Births	Percent*		
Barbour	1	0.5%	6	3.3%	26	14.2%	119	65.0%	31	16.9%	0	183
Berkeley	15	1.1%	54	4.0%	225	16.7%	900	66.9%	151	11.2%	9	1,354
Boone	0	0.0%	34	11.3%	108	35.8%	140	46.4%	20	6.6%	4	306
Braxton	0	0.0%	14	9.2%	54	35.3%	73	47.7%	12	7.8%	1	154
Brooke	3	1.7%	6	3.4%	42	23.6%	115	64.6%	12	6.7%	3	181
Cabell	4	0.3%	91	7.5%	418	34.6%	570	47.1%	126	10.4%	5	1,214
Calhoun	2	2.2%	6	6.7%	21	23.6%	50	56.2%	10	11.2%	1	90
Clay	1	0.9%	13	11.3%	49	42.6%	43	37.4%	9	7.8%	0	115
Doddridge	0	0.0%	2	3.3%	7	11.7%	37	61.7%	14	23.3%	0	60
Fayette	4	0.7%	54	9.3%	150	25.7%	260	44.6%	115	19.7%	6	589
Gilmer	0	0.0%	5	7.7%	11	16.9%	40	61.5%	9	13.8%	1	66
Grant	0	0.0%	6	5.2%	16	13.9%	56	48.7%	37	32.2%	0	115
Greenbrier	1	0.3%	5	1.5%	52	15.2%	234	68.6%	49	14.4%	0	341
Hampshire	0	0.0%	9	4.1%	39	17.6%	170	76.9%	3	1.4%	2	223
Hancock	4	1.3%	15	4.9%	88	28.8%	177	57.8%	22	7.2%	4	310
Hardy	0	0.0%	5	3.6%	21	15.3%	88	64.2%	23	16.8%	0	137
Harrison	4	0.5%	21	2.6%	104	12.9%	545	67.6%	132	16.4%	3	809
Jackson	0	0.0%	16	5.2%	93	30.2%	153	49.7%	46	14.9%	2	310
Jefferson	2	0.3%	26	4.2%	187	30.1%	350	56.4%	56	9.0%	13	634
Kanawha	17	0.8%	167	7.8%	688	32.0%	1,061	49.4%	215	10.0%	0	2,148
Lewis	0	0.0%	8	4.0%	43	21.3%	110	54.5%	41	20.3%	3	205
Lincoln	0	0.0%	17	6.2%	92	33.7%	131	48.0%	33	12.1%	1	274
Logan	1	0.2%	43	10.0%	169	39.4%	176	41.0%	40	9.3%	23	452
McDowell	1	0.4%	30	12.0%	94	37.5%	101	40.2%	25	10.0%	3	254
Marion	4	0.6%	20	3.0%	145	21.5%	407	60.3%	99	14.7%	4	679
Marshall	2	0.7%	7	2.5%	56	19.8%	208	73.5%	10	3.5%	2	285
Mason	0	0.0%	19	7.0%	94	34.6%	131	48.2%	28	10.3%	2	274
Mercer	7	0.9%	101	13.2%	311	40.5%	283	36.9%	65	8.5%	3	770
Mineral	3	1.0%	28	9.7%	99	34.1%	141	48.6%	19	6.6%	1	291
Mingo	1	0.3%	22	6.5%	108	32.1%	117	34.8%	88	26.2%	10	346
Monongalia	6	0.6%	22	2.1%	207	19.9%	658	63.2%	148	14.2%	9	1,050
Monroe	1	0.7%	13	9.2%	50	35.5%	67	47.5%	10	7.1%	0	141
Morgan	0	0.0%	8	5.1%	32	20.4%	107	68.2%	10	6.4%	0	157
Nicholas	0	0.0%	26	8.7%	112	37.3%	138	46.0%	24	8.0%	1	301
Ohio	3	0.7%	16	3.5%	82	18.1%	348	76.8%	4	0.9%	3	456
Pendleton	0	0.0%	2	2.4%	18	21.2%	54	63.5%	11	12.9%	0	85
Pleasants	0	0.0%	0	0.0%	10	19.6%	29	56.9%	12	23.5%	0	51
Pocahontas	1	1.1%	14	16.1%	23	26.4%	49	56.3%	0	0.0%	1	88
Preston	3	0.8%	15	4.0%	98	26.3%	208	55.9%	48	12.9%	4	376
Putnam	2	0.3%	32	5.3%	193	31.8%	310	51.1%	70	11.5%	0	607
Raleigh	4	0.4%	52	5.3%	215	22.1%	523	53.6%	181	18.6%	3	978
Randolph	2	0.7%	18	6.0%	70	23.3%	188	62.5%	23	7.6%	2	303
Ritchie	1	1.0%	5	5.0%	13	12.9%	49	48.5%	33	32.7%	0	101
Roane	1	0.7%	21	13.7%	51	33.3%	61	39.9%	19	12.4%	2	155
Summers	1	0.8%	14	10.7%	44	33.6%	61	46.6%	11	8.4%	0	131
Taylor	1	0.6%	8	4.5%	29	16.5%	111	63.1%	27	15.3%	1	177
Tucker	0	0.0%	3	4.8%	15	23.8%	40	63.5%	5	7.9%	1	64
Tyler	0	0.0%	0	0.0%	20	22.2%	56	62.2%	14	15.6%	0	90
Upshur	1	0.4%	10	3.7%	43	15.9%	172	63.5%	45	16.6%	3	274
Wayne	3	0.8%	32	8.4%	122	32.1%	177	46.6%	46	12.1%	3	383
Webster	2	1.9%	12	11.3%	45	42.5%	42	39.6%	5	4.7%	0	106
Wetzel	0	0.0%	6	3.5%	40	23.5%	110	64.7%	14	8.2%	0	170
Wirt	0	0.0%	2	3.8%	6	11.5%	38	73.1%	6	11.5%	0	52
Wood	1	0.1%	27	2.8%	174	17.9%	548	56.3%	223	22.9%	17	990
Wyoming	1	0.4%	33	13.6%	76	31.3%	101	41.6%	32	13.2%	7	250
Total	111	0.5%	1,241	6.0%	5,398	26.3%	11,231	54.7%	2,561	12.5%	163	20,705

Pregnancy Risk Factors, Cesarean Sections, Delivery Complications,
 Congenital Anomalies and/or Abnormal Conditions of the Newborn
 Percent* of Total Births by County of Residence
 West Virginia Resident Births, 2011

Table 51

County	Pregnancy Risk Factors			Cesarean Section		1 or More Complications of Labor and/or Delivery	1 or More Congenital Anomalies	1 or More Abnormal Conditions of the Newborn
	Alcohol Use	Tobacco Use	1 or More Medical Risk Factors	Primary	Repeat			
Barbour	0.0	24.0	41.2	18.7	12.6	26.9	0.5	4.9
Berkeley	0.6	20.9	62.0	15.8	15.9	34.2	1.2	9.2
Boone	0.0	25.5	31.7	17.4	23.6	28.3	0.0	0.0
Braxton	0.0	31.2	37.3	23.4	13.0	37.3	2.0	3.3
Brooke	0.0	28.3	42.6	26.2	20.7	26.6	2.9	5.9
Cabell	0.2	24.9	43.9	21.5	14.6	31.9	0.5	1.5
Calhoun	0.0	36.7	52.2	22.2	15.6	35.6	1.1	38.9
Clay	0.0	27.8	35.7	22.6	19.1	31.3	1.7	2.6
Doddridge	0.0	28.3	60.0	23.3	20.0	30.0	0.0	8.3
Fayette	0.5	33.7	64.3	18.7	13.9	47.2	2.4	26.1
Gilmer	0.0	31.8	43.9	17.2	15.6	28.8	4.5	9.1
Grant	0.0	27.0	40.9	29.1	17.5	53.0	1.7	1.8
Greenbrier	0.0	27.6	28.3	14.2	6.8	63.0	5.6	18.8
Hampshire	0.5	21.6	36.9	13.2	18.0	23.8	0.9	1.8
Hancock	0.4	29.2	35.3	25.3	12.6	26.2	0.7	5.2
Hardy	0.0	26.3	36.5	26.5	20.6	46.0	1.5	2.3
Harrison	0.2	26.6	52.8	18.9	16.7	26.8	3.5	4.1
Jackson	0.3	24.6	47.6	25.4	20.8	42.7	0.3	29.8
Jefferson	0.7	16.5	45.3	15.1	13.5	33.6	1.6	7.7
Kanawha	0.0	21.9	36.0	26.7	19.8	37.7	0.3	0.3
Lewis	0.0	26.8	44.4	20.5	13.2	33.7	2.9	4.9
Lincoln	0.0	32.6	38.7	22.4	21.3	30.7	0.4	1.1
Logan	0.0	30.4	45.9	30.3	22.9	36.5	0.3	1.5
McDowell	0.4	40.1	45.3	20.4	18.4	30.7	1.2	6.4
Marion	0.4	23.6	43.3	20.0	13.0	26.3	3.1	5.6
Marshall	0.0	24.8	33.9	22.1	15.9	29.7	1.4	3.6
Mason	0.0	38.2	48.2	23.4	17.8	25.2	1.1	4.0
Mercer	0.7	28.6	52.9	21.2	14.6	33.6	1.3	2.8
Mineral	1.8	36.5	9.0	11.6	9.3	10.0	0.0	1.4
Mingo	0.0	36.2	22.6	27.5	24.6	13.4	1.2	1.9
Monongalia	0.7	17.1	23.2	18.3	11.9	25.8	2.5	2.5
Monroe	0.0	21.3	39.7	15.0	10.0	41.1	4.3	8.6
Morgan	0.8	21.8	58.7	19.4	12.2	27.7	0.6	7.1
Nicholas	0.0	30.6	42.9	21.3	18.9	44.2	4.0	16.6
Ohio	0.2	26.0	34.7	28.3	13.1	28.5	2.2	1.4
Pendleton	0.0	16.5	49.4	22.6	10.7	49.4	1.2	6.0
Pleasants	0.0	27.5	64.7	15.6	8.9	25.5	0.0	60.8
Pocahontas	0.0	28.4	46.0	14.9	10.3	43.7	2.3	14.0
Preston	0.3	30.9	25.9	22.8	12.4	21.0	3.2	4.6
Putnam	0.2	15.7	36.6	21.9	20.3	33.6	0.2	0.0
Raleigh	0.2	32.1	72.1	17.4	14.5	48.4	3.1	33.0
Randolph	0.3	34.3	37.5	16.3	16.3	32.9	3.6	2.7
Ritchie	0.0	26.7	58.0	20.0	18.0	41.6	4.0	52.5
Roane	0.6	27.1	40.0	19.5	18.2	36.1	0.0	16.8
Summers	0.0	31.3	53.4	16.9	13.1	51.9	5.3	24.4
Taylor	0.0	26.0	41.8	23.3	15.3	26.6	2.3	4.5
Tucker	0.0	28.1	25.4	13.8	13.8	21.9	1.6	1.6
Tyler	0.0	27.8	48.9	20.5	15.7	31.1	2.2	30.0
Upshur	0.4	30.8	36.1	15.9	12.2	27.4	2.2	2.9
Wayne	0.3	27.7	43.1	19.2	16.3	26.1	1.0	1.6
Webster	0.0	30.2	45.3	23.6	14.2	31.1	0.9	6.6
Wetzel	0.0	35.3	52.4	20.4	16.8	28.4	2.9	14.7
Wirt	0.0	44.2	63.5	27.5	19.6	48.1	0.0	67.3
Wood	1.4	23.3	58.1	22.5	14.2	38.8	0.4	58.7
Wyoming	0.4	35.6	67.5	23.8	18.5	53.3	2.0	29.0
Total	0.3	26.1	44.6	21.0	16.0	33.9	1.6	10.5

Number of Deaths by Race, Gender and County of Residence
West Virginia, 2011

Table 52

County	White or Caucasian		Black or African American		All Other Races		Total
	Male	Female	Male	Female	Male	Female	
Barbour	80	96	2	0	0	0	178
Berkeley	459	367	40	11	1	3	881
Boone	171	159	2	1	0	0	333
Braxton	101	63	1	0	0	1	166
Brooke	167	184	3	1	0	0	355
Cabell	561	563	20	21	2	0	1,167
Calhoun	55	40	0	0	0	0	95
Clay	52	50	0	0	0	0	102
Doddridge	48	33	0	0	0	0	81
Fayette	308	261	24	15	0	0	608
Gilmer	33	40	0	0	0	0	73
Grant	77	60	1	2	0	1	141
Greenbrier	255	250	13	11	1	0	530
Hampshire	140	111	2	1	0	0	254
Hancock	192	180	8	7	0	0	387
Hardy	78	62	4	0	0	0	144
Harrison	454	461	6	4	1	2	928
Jackson	152	163	0	0	0	0	315
Jefferson	193	183	16	21	1	2	416
Kanawha	1,075	1,181	63	64	3	2	2,388
Lewis	97	105	0	0	0	0	202
Lincoln	153	132	1	0	0	0	286
Logan	272	262	8	8	0	0	550
McDowell	183	156	21	20	0	1	381
Marion	301	321	10	8	1	1	642
Marshall	201	203	1	1	0	1	407
Mason	164	159	1	1	0	0	325
Mercer	426	461	34	24	0	0	946
Mineral	160	147	5	7	0	0	319
Mingo	196	162	6	7	0	0	371
Monongalia	306	325	7	11	0	0	649
Monroe	94	79	1	0	0	0	174
Morgan	99	95	0	0	0	0	194
Nicholas	183	158	0	0	0	0	341
Ohio	261	306	8	4	0	0	581
Pendleton	52	50	1	1	0	0	104
Pleasants	49	54	0	0	1	0	104
Pocahontas	43	47	0	0	1	0	91
Preston	177	155	3	0	1	0	336
Putnam	268	239	0	2	0	1	510
Raleigh	454	462	32	36	1	1	986
Randolph	187	174	0	1	0	0	362
Ritchie	62	60	0	0	0	0	122
Roane	88	88	0	0	0	0	176
Summers	109	92	4	2	0	0	207
Taylor	96	104	2	1	0	0	203
Tucker	38	54	0	0	0	0	92
Tyler	76	75	0	0	1	0	152
Upshur	129	122	1	1	0	0	253
Wayne	226	231	0	0	0	1	458
Webster	69	62	0	0	0	0	131
Wetzel	108	119	0	0	0	0	227
Wirt	30	31	0	0	0	0	62
Wood	489	543	5	1	0	1	1,039
Wyoming	184	159	1	1	0	0	345
Total	10,681	10,499	357	296	15	18	21,870

Number of Deaths by County of Residence and Occurrence
West Virginia, 2011
Table 53

County	Residence	Occurrence	County	Residence	Occurrence
Barbour	178	105	Monongalia	649	1,385
Berkeley	881	862	Monroe	174	80
Boone	333	200	Morgan	194	127
Braxton	166	128	Nicholas	341	247
Brooke	355	343	Ohio	581	1,050
Cabell	1,167	2,063	Pendleton	104	65
Calhoun	95	63	Pleasants	104	56
Clay	102	50	Pocahontas	91	67
Doddridge	81	36	Preston	336	203
Fayette	608	410	Putnam	510	366
Gilmer	73	50	Raleigh	986	1,241
Grant	141	138	Randolph	362	387
Greenbrier	530	489	Ritchie	122	60
Hampshire	254	157	Roane	176	111
Hancock	387	161	Summers	207	145
Hardy	144	75	Taylor	203	174
Harrison	928	1,021	Tucker	92	50
Jackson	315	219	Tyler	152	113
Jefferson	416	350	Upshur	253	203
Kanawha	2,388	3,191	Wayne	458	260
Lewis	202	171	Webster	131	77
Lincoln	286	117	Wetzel	227	166
Logan	550	480	Wirt	62	23
McDowell	381	271	Wood	1,039	1,116
Marion	642	498	Wyoming	345	150
Marshall	407	258			
Mason	325	231			
Mercer	946	968	Total	21,870	21,402
Mineral	319	181			
Mingo	371	194			

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Resident deaths include 2,079 West Virginians dying out of state.

Method of Disposition by County of Residence
West Virginia Deaths, 2011
Table 54

County	Method of Disposition										Un- known	Total
	Burial		Cremation		Donation		Removal From State		Other			
	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*		
Barbour	144	80.9%	28	15.7%	4	2.2%	0	0.0%	2	1.1%	0	178
Berkeley	452	56.1%	314	39.0%	19	2.4%	10	1.2%	10	1.2%	76	881
Boone	259	78.0%	66	19.9%	3	0.9%	2	0.6%	2	0.6%	1	333
Braxton	128	77.6%	35	21.2%	2	1.2%	0	0.0%	0	0.0%	1	166
Brooke	190	53.5%	90	25.4%	2	0.6%	68	19.2%	5	1.4%	0	355
Cabell	813	69.9%	273	23.5%	21	1.8%	12	1.0%	44	3.8%	4	1,167
Calhoun	64	67.4%	29	30.5%	1	1.1%	1	1.1%	0	0.0%	0	95
Clay	84	82.4%	17	16.7%	1	1.0%	0	0.0%	0	0.0%	0	102
Doddridge	58	71.6%	23	28.4%	0	0.0%	0	0.0%	0	0.0%	0	81
Fayette	395	66.4%	131	22.0%	11	1.8%	8	1.3%	50	8.4%	13	608
Gilmer	58	79.5%	14	19.2%	1	1.4%	0	0.0%	0	0.0%	0	73
Grant	96	75.6%	29	22.8%	2	1.6%	0	0.0%	0	0.0%	14	141
Greenbrier	336	69.9%	111	23.1%	15	3.1%	1	0.2%	18	3.7%	49	530
Hampshire	117	60.9%	71	37.0%	3	1.6%	1	0.5%	0	0.0%	62	254
Hancock	195	50.6%	79	20.5%	4	1.0%	88	22.9%	19	4.9%	2	387
Hardy	68	66.7%	32	31.4%	2	2.0%	0	0.0%	0	0.0%	42	144
Harrison	664	72.1%	212	23.0%	16	1.7%	4	0.4%	25	2.7%	7	928
Jackson	228	72.6%	66	21.0%	4	1.3%	7	2.2%	9	2.9%	1	315
Jefferson	177	49.4%	171	47.8%	6	1.7%	3	0.8%	1	0.3%	58	416
Kanawha	1,459	61.3%	668	28.0%	88	3.7%	27	1.1%	140	5.9%	6	2,388
Lewis	153	76.1%	45	22.4%	2	1.0%	0	0.0%	1	0.5%	1	202
Lincoln	246	86.0%	39	13.6%	1	0.3%	0	0.0%	0	0.0%	0	286
Logan	418	76.4%	92	16.8%	2	0.4%	5	0.9%	30	5.5%	3	550
McDowell	268	78.1%	57	16.6%	2	0.6%	6	1.7%	10	2.9%	38	381
Marion	467	73.1%	137	21.4%	13	2.0%	6	0.9%	16	2.5%	3	642
Marshall	225	55.4%	149	36.7%	4	1.0%	10	2.5%	18	4.4%	1	407
Mason	200	61.5%	65	20.0%	6	1.8%	51	15.7%	3	0.9%	0	325
Mercer	604	70.6%	211	24.7%	5	0.6%	10	1.2%	25	2.9%	91	946
Mineral	204	67.1%	88	28.9%	6	2.0%	0	0.0%	6	2.0%	15	319
Mingo	314	85.1%	41	11.1%	0	0.0%	3	0.8%	11	3.0%	2	371
Monongalia	421	64.9%	186	28.7%	14	2.2%	9	1.4%	19	2.9%	0	649
Monroe	92	74.2%	29	23.4%	0	0.0%	2	1.6%	1	0.8%	50	174
Morgan	76	50.3%	71	47.0%	2	1.3%	1	0.7%	1	0.7%	43	194
Nicholas	252	74.6%	78	23.1%	7	2.1%	1	0.3%	0	0.0%	3	341
Ohio	315	54.8%	210	36.5%	10	1.7%	7	1.2%	33	5.7%	6	581
Pendleton	65	85.5%	9	11.8%	0	0.0%	1	1.3%	1	1.3%	28	104
Pleasants	64	61.5%	20	19.2%	4	3.8%	16	15.4%	0	0.0%	0	104
Pocahontas	57	67.1%	25	29.4%	2	2.4%	1	1.2%	0	0.0%	6	91
Preston	233	69.8%	90	26.9%	5	1.5%	4	1.2%	2	0.6%	2	336
Putnam	345	67.8%	109	21.4%	14	2.8%	6	1.2%	35	6.9%	1	510
Raleigh	667	68.5%	220	22.6%	4	0.4%	7	0.7%	76	7.8%	12	986
Randolph	244	67.8%	102	28.3%	6	1.7%	2	0.6%	6	1.7%	2	362
Ritchie	89	73.0%	26	21.3%	3	2.5%	4	3.3%	0	0.0%	0	122
Roane	139	79.0%	32	18.2%	2	1.1%	3	1.7%	0	0.0%	0	176
Summers	152	76.8%	36	18.2%	4	2.0%	1	0.5%	5	2.5%	9	207
Taylor	152	75.2%	42	20.8%	7	3.5%	1	0.5%	0	0.0%	1	203
Tucker	73	79.3%	16	17.4%	2	2.2%	1	1.1%	0	0.0%	0	92
Tyler	110	72.4%	35	23.0%	5	3.3%	2	1.3%	0	0.0%	0	152
Upshur	182	72.2%	61	24.2%	4	1.6%	3	1.2%	2	0.8%	1	253
Wayne	398	87.1%	47	10.3%	3	0.7%	7	1.5%	2	0.4%	1	458
Webster	98	76.0%	29	22.5%	2	1.6%	0	0.0%	0	0.0%	2	131
Wetzel	173	76.2%	48	21.1%	3	1.3%	1	0.4%	2	0.9%	0	227
Wirt	49	80.3%	10	16.4%	2	3.3%	0	0.0%	0	0.0%	1	62
Wood	687	66.6%	283	27.4%	19	1.8%	23	2.2%	20	1.9%	7	1,039
Wyoming	275	81.4%	55	16.3%	1	0.3%	3	0.9%	4	1.2%	7	345
Total	14,492	68.4%	5,252	24.8%	371	1.8%	429	2.0%	654	3.1%	672	21,870

Note: Majority of unknown disposition are likely due to residents dying out of state.

*Percentage calculated excluding unknown disposition.

Method of Disposition by County of Occurrence
West Virginia Deaths, 2011
Table 54 (Cont'd)

County	Method of Disposition										Un- known	Total
	Burial		Cremation		Donation		Removal From State		Other			
	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*		
Barbour	83	79.0%	19	18.1%	3	2.9%	0	0.0%	0	0.0%	0	105
Berkeley	471	54.8%	356	41.4%	20	2.3%	4	0.5%	9	1.0%	2	862
Boone	162	81.0%	36	18.0%	2	1.0%	0	0.0%	0	0.0%	0	200
Braxton	104	81.3%	23	18.0%	1	0.8%	0	0.0%	0	0.0%	0	128
Brooke	232	67.6%	95	27.7%	4	1.2%	0	0.0%	12	3.5%	0	343
Cabell	1,537	74.6%	431	20.9%	22	1.1%	7	0.3%	64	3.1%	2	2,063
Calhoun	46	73.0%	17	27.0%	0	0.0%	0	0.0%	0	0.0%	0	63
Clay	44	88.0%	6	12.0%	0	0.0%	0	0.0%	0	0.0%	0	50
Doddridge	23	63.9%	13	36.1%	0	0.0%	0	0.0%	0	0.0%	0	36
Fayette	288	70.2%	80	19.5%	7	1.7%	0	0.0%	35	8.5%	0	410
Gilmer	37	74.0%	12	24.0%	1	2.0%	0	0.0%	0	0.0%	0	50
Grant	104	75.9%	32	23.4%	1	0.7%	0	0.0%	0	0.0%	1	138
Greenbrier	350	71.7%	106	21.7%	16	3.3%	1	0.2%	15	3.1%	1	489
Hampshire	92	58.6%	61	38.9%	4	2.5%	0	0.0%	0	0.0%	0	157
Hancock	108	67.1%	43	26.7%	2	1.2%	0	0.0%	8	5.0%	0	161
Hardy	49	65.3%	24	32.0%	2	2.7%	0	0.0%	0	0.0%	0	75
Harrison	745	73.3%	228	22.4%	21	2.1%	1	0.1%	22	2.2%	4	1,021
Jackson	161	73.9%	46	21.1%	4	1.8%	0	0.0%	7	3.2%	1	219
Jefferson	185	52.9%	159	45.4%	5	1.4%	0	0.0%	1	0.3%	0	350
Kanawha	2,085	65.4%	838	26.3%	93	2.9%	2	0.1%	172	5.4%	1	3,191
Lewis	132	77.2%	36	21.1%	2	1.2%	0	0.0%	1	0.6%	0	171
Lincoln	102	87.2%	14	12.0%	1	0.9%	0	0.0%	0	0.0%	0	117
Logan	384	80.0%	72	15.0%	0	0.0%	0	0.0%	24	5.0%	0	480
McDowell	214	79.0%	51	18.8%	2	0.7%	0	0.0%	4	1.5%	0	271
Marion	360	72.3%	112	22.5%	12	2.4%	1	0.2%	13	2.6%	0	498
Marshall	153	59.3%	94	36.4%	1	0.4%	0	0.0%	10	3.9%	0	258
Mason	164	71.0%	58	25.1%	5	2.2%	1	0.4%	3	1.3%	0	231
Mercer	707	73.0%	224	23.1%	6	0.6%	3	0.3%	28	2.9%	0	968
Mineral	129	71.3%	45	24.9%	4	2.2%	0	0.0%	3	1.7%	0	181
Mingo	163	84.0%	28	14.4%	0	0.0%	1	0.5%	2	1.0%	0	194
Monongalia	939	67.8%	382	27.6%	28	2.0%	2	0.1%	33	2.4%	1	1,385
Monroe	61	76.3%	18	22.5%	0	0.0%	0	0.0%	1	1.3%	0	80
Morgan	65	51.2%	59	46.5%	2	1.6%	0	0.0%	1	0.8%	0	127
Nicholas	184	74.5%	57	23.1%	4	1.6%	0	0.0%	2	0.8%	0	247
Ohio	622	59.3%	359	34.2%	15	1.4%	3	0.3%	50	4.8%	1	1,050
Pendleton	55	84.6%	8	12.3%	0	0.0%	1	1.5%	1	1.5%	0	65
Pleasants	43	76.8%	9	16.1%	4	7.1%	0	0.0%	0	0.0%	0	56
Pocahontas	46	68.7%	19	28.4%	2	3.0%	0	0.0%	0	0.0%	0	67
Preston	140	69.0%	58	28.6%	2	1.0%	1	0.5%	2	1.0%	0	203
Putnam	261	71.5%	73	20.0%	9	2.5%	1	0.3%	21	5.8%	1	366
Raleigh	858	69.3%	285	23.0%	6	0.5%	0	0.0%	89	7.2%	3	1,241
Randolph	270	69.8%	102	26.4%	9	2.3%	0	0.0%	6	1.6%	0	387
Ritchie	45	75.0%	14	23.3%	1	1.7%	0	0.0%	0	0.0%	0	60
Roane	91	82.0%	18	16.2%	1	0.9%	1	0.9%	0	0.0%	0	111
Summers	108	74.5%	33	22.8%	3	2.1%	0	0.0%	1	0.7%	0	145
Taylor	131	75.7%	36	20.8%	5	2.9%	0	0.0%	1	0.6%	1	174
Tucker	41	82.0%	8	16.0%	1	2.0%	0	0.0%	0	0.0%	0	50
Tyler	87	77.0%	24	21.2%	2	1.8%	0	0.0%	0	0.0%	0	113
Upshur	148	72.9%	50	24.6%	3	1.5%	0	0.0%	2	1.0%	0	203
Wayne	216	83.4%	35	13.5%	6	2.3%	0	0.0%	2	0.8%	1	260
Webster	52	69.3%	21	28.0%	2	2.7%	0	0.0%	0	0.0%	2	77
Wetzel	119	71.7%	42	25.3%	3	1.8%	0	0.0%	2	1.2%	0	166
Wirt	18	78.3%	5	21.7%	0	0.0%	0	0.0%	0	0.0%	0	23
Wood	767	68.9%	305	27.4%	19	1.7%	0	0.0%	22	2.0%	3	1,116
Wyoming	122	81.3%	26	17.3%	1	0.7%	0	0.0%	1	0.7%	0	150
Total	14,903	69.7%	5,405	25.3%	369	1.7%	30	0.1%	670	3.1%	25	21,402

Number of Deaths by County of Residence
West Virginia, 2007-2011
Table 55

County	2007	2008	2009	2010	2011	County	2007	2008	2009	2010	2011
Barbour	164	178	188	175	178	Monongalia	626	635	614	617	649
Berkeley	736	809	832	798	881	Monroe	165	165	153	174	174
Boone	347	366	285	333	333	Morgan	183	196	195	214	194
Braxton	183	183	163	153	166	Nicholas	320	326	329	324	341
Brooke	349	308	302	361	355	Ohio	611	570	608	560	581
Cabell	1,259	1,253	1,090	1,147	1,167	Pendleton	97	106	68	94	104
Calhoun	88	90	88	90	95	Pleasants	79	83	82	91	104
Clay	121	122	100	100	102	Pocahontas	117	106	110	115	91
Doddridge	63	80	80	75	81	Preston	328	346	316	320	336
Fayette	646	626	670	647	608	Putnam	471	536	505	505	510
Gilmer	87	81	82	59	73	Raleigh	962	918	992	1,013	986
Grant	111	116	108	118	141	Randolph	307	338	354	310	362
Greenbrier	426	497	483	455	530	Ritchie	119	128	139	119	122
Hampshire	203	209	221	249	254	Roane	203	189	177	168	176
Hancock	403	419	430	383	387	Summers	152	197	157	207	207
Hardy	138	129	150	144	144	Taylor	171	195	180	199	203
Harrison	854	824	875	827	928	Tucker	86	84	107	92	92
Jackson	317	345	330	326	315	Tyler	112	109	103	127	152
Jefferson	433	400	423	439	416	Upshur	272	237	257	258	253
Kanawha	2,439	2,572	2,454	2,467	2,388	Wayne	433	446	484	482	458
Lewis	240	219	223	198	202	Webster	121	110	117	98	131
Lincoln	263	268	264	277	286	Wetzel	205	207	229	215	227
Logan	484	498	508	484	550	Wirt	49	68	55	61	62
McDowell	374	373	360	364	381	Wood	948	1,020	1,020	989	1,039
Marion	696	730	689	643	642	Wyoming	312	315	344	320	345
Marshall	374	406	389	388	407	Total	21,067	21,551	21,385	21,278	21,870
Mason	294	309	313	359	325						
Mercer	897	849	893	865	946						
Mineral	277	282	326	322	319						
Mingo	352	380	371	360	371						

Age at Death by County of Residence
West Virginia, 2011
Table 56

County	Total	Age in Years													Average Age at Death
		<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
Barbour	178	2	1	0	1	1	1	4	1	13	17	33	57	47	73.0
Berkeley	881	9	0	1	2	2	11	17	42	81	145	182	196	193	69.0
Boone	333	2	0	0	0	0	4	10	15	35	59	69	74	65	68.7
Braxton	166	2	0	0	0	0	1	6	2	14	22	32	44	43	71.8
Brooke	355	0	1	0	0	1	2	9	10	20	33	59	102	118	74.9
Cabell	1,167	6	0	1	0	1	7	24	45	94	153	189	298	349	72.8
Calhoun	95	1	0	0	0	1	0	1	1	4	13	16	36	22	74.5
Clay	102	2	0	0	0	0	2	2	2	8	14	17	28	27	71.2
Doddridge	81	0	0	0	0	0	0	2	6	6	12	12	18	25	72.4
Fayette	608	1	0	0	1	4	3	13	26	53	97	107	159	144	70.8
Gilmer	73	1	0	0	0	0	0	1	3	3	9	14	16	26	74.6
Grant	141	0	1	1	0	0	2	3	0	10	15	30	34	45	73.5
Greenbrier	530	3	0	0	1	4	3	10	22	27	57	91	153	159	73.6
Hampshire	254	2	0	0	0	3	3	4	8	15	36	48	73	62	71.6
Hancock	387	2	0	0	0	0	1	4	5	30	55	52	110	128	75.3
Hardy	144	2	0	0	0	0	0	2	6	7	19	25	48	35	72.8
Harrison	928	3	1	1	1	0	7	20	38	51	131	173	249	253	72.7
Jackson	315	4	0	0	2	2	1	5	13	17	31	55	105	80	72.8
Jefferson	416	2	1	0	0	1	6	5	18	27	60	83	103	110	71.7
Kanawha	2,388	15	1	1	0	5	11	53	68	208	303	386	666	671	72.8
Lewis	202	1	1	0	0	1	0	1	8	8	27	49	53	53	73.5
Lincoln	286	2	0	3	0	2	2	7	12	24	52	60	71	51	68.6
Logan	550	4	0	0	1	0	3	23	27	64	90	104	136	98	67.8
McDowell	381	2	0	0	0	1	3	15	22	42	79	61	76	80	67.3
Marion	642	5	3	0	0	5	4	7	13	39	77	103	176	210	74.4
Marshall	407	5	0	0	0	2	3	4	6	26	54	72	113	122	73.8
Mason	325	2	1	0	1	0	3	11	12	29	45	62	97	62	69.5
Mercer	946	4	3	2	1	5	8	12	45	83	133	151	221	278	71.8
Mineral	319	5	0	1	0	2	2	4	6	18	30	72	92	87	73.4
Mingo	371	2	1	0	0	0	4	8	16	49	74	70	83	64	67.3
Monongalia	649	3	0	0	2	5	4	9	18	54	79	114	164	197	73.1
Monroe	174	2	0	0	0	0	0	0	5	11	27	35	52	42	72.9
Morgan	194	2	0	0	1	0	1	1	5	11	35	38	57	43	72.2
Nicholas	341	3	1	0	2	1	3	6	17	28	57	61	84	78	69.6
Ohio	581	5	1	0	0	0	1	5	8	29	74	98	158	202	75.8
Pendleton	104	0	0	0	0	0	0	0	1	4	10	22	29	38	78.5
Pleasants	104	0	0	0	0	0	1	0	3	3	12	23	33	29	75.3
Pocahontas	91	0	0	0	0	0	2	1	0	3	13	13	30	29	76.0
Preston	336	4	1	0	0	0	3	6	7	30	46	66	81	92	71.9
Putnam	510	4	0	0	2	1	0	12	15	36	51	102	131	156	73.4
Raleigh	986	4	0	1	0	1	12	27	47	93	139	173	249	240	70.5
Randolph	362	2	0	0	0	2	0	8	12	24	35	76	96	107	74.0
Ritchie	122	0	0	0	0	0	2	0	4	10	14	31	29	32	73.3
Roane	176	1	0	0	0	3	4	1	9	13	32	26	38	49	70.2
Summers	207	1	0	0	0	0	1	7	6	12	25	44	64	47	72.2
Taylor	203	0	1	1	0	1	2	6	4	9	25	36	59	59	73.2
Tucker	92	0	0	0	0	1	0	0	1	4	10	16	23	37	77.5
Tyler	152	0	0	0	1	0	0	1	3	12	19	30	53	33	73.8
Upshur	253	2	0	0	1	2	3	2	8	20	27	53	61	74	72.4
Wayne	458	4	0	0	0	2	4	15	17	32	58	104	118	104	70.4
Webster	131	0	0	0	0	0	2	1	1	10	19	32	35	31	72.9
Wetzel	227	1	0	0	0	3	0	5	3	19	20	44	67	65	73.6
Wirt	62	1	0	0	0	0	1	1	3	2	8	14	12	20	72.0
Wood	1,039	9	1	0	1	2	3	16	25	67	131	190	278	316	73.8
Wyoming	345	2	0	1	1	3	5	13	26	38	51	72	79	54	65.9
Total	21,870	141	20	14	22	70	151	430	746	1,679	2,959	3,990	5,767	5,881	72.1

Place Death Occurred by County of Residence
West Virginia, 2011
Table 57

County	Place Death Occurred										Total
	WV Hospital	Out-of-State Hospital	En Route to Hospital	Clinic or Center	Licensed Nursing Home	Unlicensed Personal Care	Home	Hospice Care	Named Place or Street Address	Unknown	
Barbour	69	1	10	0	29	6	49	4	10	0	178
Berkeley	273	97	3	0	133	10	307	2	56	0	881
Boone	143	1	3	0	26	3	99	21	37	0	333
Braxton	50	2	0	0	21	2	71	5	15	0	166
Brooke	82	69	2	0	50	17	81	34	20	0	355
Cabell	415	12	6	0	147	21	240	286	39	1	1,167
Calhoun	28	1	0	17	6	0	33	2	8	0	95
Clay	34	1	0	0	11	2	32	11	11	0	102
Doddridge	33	2	2	0	8	0	30	0	6	0	81
Fayette	263	20	5	0	77	1	153	60	29	0	608
Gilmer	26	2	0	0	7	0	33	2	3	0	73
Grant	58	16	4	0	19	0	38	0	6	0	141
Greenbrier	180	44	10	1	99	8	152	10	26	0	530
Hampshire	26	72	5	0	40	1	88	0	22	0	254
Hancock	87	84	7	0	62	11	98	20	17	1	387
Hardy	28	31	1	0	29	0	39	0	16	0	144
Harrison	361	16	9	0	187	10	270	1	74	0	928
Jackson	116	6	1	0	70	1	85	22	14	0	315
Jefferson	102	66	6	0	88	3	124	1	26	0	416
Kanawha	837	27	6	0	235	39	620	502	122	0	2,388
Lewis	90	1	1	0	39	5	54	2	10	0	202
Lincoln	106	1	2	0	33	1	75	43	25	0	286
Logan	299	16	1	0	42	4	122	18	48	0	550
McDowell	144	43	13	0	41	2	79	4	55	0	381
Marion	220	19	4	0	131	14	216	0	38	0	642
Marshall	155	21	6	0	69	2	98	34	22	0	407
Mason	97	29	11	0	60	1	91	11	25	0	325
Mercer	347	73	13	0	156	34	250	15	57	1	946
Mineral	44	99	12	0	67	0	74	0	23	0	319
Mingo	128	80	4	0	23	3	73	8	52	0	371
Monongalia	246	15	1	0	120	8	229	3	27	0	649
Monroe	41	44	0	0	19	6	49	4	11	0	174
Morgan	33	53	4	0	37	0	56	1	10	0	194
Nicholas	151	8	3	0	53	0	93	13	20	0	341
Ohio	193	16	3	0	124	3	154	72	16	0	581
Pendleton	14	24	0	0	34	0	22	2	8	0	104
Pleasants	32	8	3	0	22	0	33	0	6	0	104
Pocahontas	25	8	1	0	14	2	32	0	9	0	91
Preston	136	11	6	0	48	1	107	2	24	1	336
Putnam	196	7	2	0	58	15	141	67	24	0	510
Raleigh	401	19	24	1	75	7	219	182	56	2	986
Randolph	107	6	28	0	68	16	70	38	29	0	362
Ritchie	45	5	2	1	24	0	38	2	5	0	122
Roane	94	4	1	0	12	2	41	12	10	0	176
Summers	78	10	2	0	33	3	54	8	19	0	207
Taylor	83	3	1	0	19	8	77	2	10	0	203
Tucker	29	2	5	0	23	1	18	10	4	0	92
Tyler	70	8	0	0	15	4	41	2	12	0	152
Upshur	87	5	3	0	54	5	82	5	11	1	253
Wayne	129	34	2	0	42	5	133	89	24	0	458
Webster	48	4	5	0	22	1	36	5	10	0	131
Wetzel	88	6	2	0	43	2	58	1	27	0	227
Wirt	32	1	0	1	8	1	17	0	2	0	62
Wood	389	47	6	0	219	14	317	6	41	0	1,039
Wyoming	136	13	6	0	24	1	58	28	79	0	345
Total	7,724	1,313	257	21	3,215	306	5,949	1,672	1,406	7	21,870

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Note: En Route to Hospital includes any patient status listed as Dead On Arrival

Firearm Injury Deaths by Type of Injury and County
West Virginia Residents, 2011

Table 58

County	Un-intentional	Intentional			Un-determined	Total
		Suicide	Assault	Legal Intervention		
Barbour	0	2	0	0	0	2
Berkeley	0	11	0	0	0	11
Boone	0	2	0	0	0	2
Braxton	0	3	0	0	0	3
Brooke	0	6	1	0	0	7
Cabell	0	8	2	0	0	10
Calhoun	0	1	1	0	0	2
Clay	0	3	1	0	0	4
Doddridge	0	2	0	0	0	2
Fayette	0	3	5	0	0	8
Gilmer	0	0	1	0	0	1
Grant	0	4	0	0	0	4
Greenbrier	0	5	0	0	0	5
Hampshire	0	2	0	0	0	2
Hancock	0	2	0	0	0	2
Hardy	0	2	0	0	0	2
Harrison	1	4	2	0	0	7
Jackson	0	4	2	0	0	6
Jefferson	0	4	1	0	0	5
Kanawha	1	18	7	0	0	26
Lewis	0	2	0	0	0	2
Lincoln	0	4	1	0	0	5
Logan	0	4	3	0	0	7
McDowell	0	2	5	0	1	8
Marion	0	6	1	2	0	9
Marshall	0	3	1	0	0	4
Mason	1	4	3	0	0	8
Mercer	1	10	5	0	0	16
Mineral	0	4	0	0	0	4
Mingo	0	1	3	0	0	4
Monongalia	0	6	4	0	0	10
Monroe	0	1	1	0	0	2
Morgan	0	2	2	0	0	4
Nicholas	2	2	0	0	0	4
Ohio	0	3	0	0	0	3
Pendleton	0	0	1	0	0	1
Pleasants	0	0	0	0	0	0
Pocahontas	1	1	0	0	0	2
Preston	0	3	0	0	0	3
Putnam	0	4	1	0	0	5
Raleigh	0	13	1	0	0	14
Randolph	1	5	1	0	0	7
Ritchie	0	3	0	0	0	3
Roane	0	6	1	0	0	7
Summers	0	3	1	0	1	5
Taylor	0	4	0	0	0	4
Tucker	0	0	0	0	0	0
Tyler	0	2	0	0	0	2
Upshur	0	4	1	0	0	5
Wayne	0	2	1	0	0	3
Webster	0	0	0	0	0	0
Wetzel	0	3	2	0	0	5
Wirt	0	1	0	0	0	1
Wood	0	3	2	0	0	5
Wyoming	0	3	2	0	0	5
Total	8	200	66	2	2	278

Number and Rate of Resident Infant Deaths by County
West Virginia Residents, 2007-2011

Table 59

County	2007		2008		2009		2010		2011	
	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*
Barbour	1	5.2	0	0.0	1	5.8	0	0.0	2	10.9
Berkeley	11	7.3	16	11.2	18	13.3	6	4.7	9	6.6
Boone	3	9.3	4	11.3	0	0.0	5	16.3	2	6.5
Braxton	2	11.4	1	6.8	0	0.0	0	0.0	2	13.0
Brooke	1	4.5	1	4.5	0	0.0	1	5.0	0	0.0
Cabell	18	14.6	13	10.3	5	4.0	9	7.9	6	4.9
Calhoun	0	0.0	0	0.0	1	10.9	0	0.0	1	11.1
Clay	2	13.6	1	7.0	1	7.6	0	0.0	2	17.4
Doddridge	1	15.4	0	0.0	1	13.0	0	0.0	0	0.0
Fayette	3	4.8	4	7.0	8	13.2	5	8.8	1	1.7
Gilmer	0	0.0	0	0.0	1	13.9	0	0.0	1	15.2
Grant	1	8.0	1	7.9	0	0.0	3	23.4	0	0.0
Greenbrier	2	5.0	1	2.5	6	15.1	0	0.0	3	8.8
Hampshire	1	3.7	0	0.0	0	0.0	1	4.4	2	9.0
Hancock	2	6.3	4	12.1	0	0.0	2	6.9	2	6.5
Hardy	2	11.3	1	6.1	1	6.3	1	6.8	2	14.6
Harrison	2	2.5	12	14.0	10	12.1	4	5.0	3	3.7
Jackson	1	3.0	3	8.2	2	6.2	2	6.0	4	12.9
Jefferson	3	4.1	2	2.9	6	9.6	3	5.0	2	3.2
Kanawha	18	7.6	19	7.9	26	11.4	11	5.0	15	7.0
Lewis	2	8.6	1	5.0	2	10.4	1	5.3	1	4.9
Lincoln	1	3.7	1	3.7	1	3.9	1	3.9	2	7.3
Logan	4	8.7	1	2.4	4	9.4	1	2.3	4	8.8
McDowell	1	3.4	5	16.6	4	13.7	7	25.2	2	7.9
Marion	2	3.0	10	16.0	2	3.1	4	5.9	5	7.4
Marshall	1	2.8	5	15.2	1	3.0	3	9.3	5	17.5
Mason	5	14.7	2	6.4	2	7.2	5	16.2	2	7.3
Mercer	7	9.3	5	6.1	7	8.6	11	13.9	4	5.2
Mineral	1	3.0	1	3.1	1	3.1	4	13.3	5	17.2
Mingo	5	12.6	5	14.4	3	8.2	4	10.3	2	5.8
Monongalia	2	2.2	5	5.4	5	5.4	6	6.2	3	2.9
Monroe	2	14.1	0	0.0	0	0.0	0	0.0	2	14.2
Morgan	0	0.0	1	6.3	3	18.5	0	0.0	2	12.7
Nicholas	5	15.4	3	9.6	3	9.0	2	6.9	3	10.0
Ohio	4	7.9	2	4.3	4	7.9	5	10.6	5	11.0
Pendleton	0	0.0	1	13.5	0	0.0	0	0.0	0	0.0
Pleasants	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Pocahontas	0	0.0	0	0.0	3	29.7	1	12.7	0	0.0
Preston	4	11.6	2	5.4	5	14.2	4	12.0	4	10.6
Putnam	3	4.7	3	4.9	0	0.0	5	8.6	4	6.6
Raleigh	6	6.1	6	6.5	3	3.1	7	7.2	4	4.1
Randolph	2	5.8	6	18.4	4	13.7	2	7.1	2	6.6
Ritchie	1	9.6	0	0.0	0	0.0	1	12.0	0	0.0
Roane	1	5.7	0	0.0	0	0.0	2	12.7	1	6.5
Summers	2	16.4	1	8.6	2	16.3	1	9.3	1	7.6
Taylor	0	0.0	1	6.2	2	10.1	1	5.6	0	0.0
Tucker	2	24.1	0	0.0	0	0.0	2	29.4	0	0.0
Tyler	1	10.4	0	0.0	0	0.0	1	12.5	0	0.0
Upshur	1	3.7	2	7.8	2	7.5	1	3.7	2	7.3
Wayne	4	8.7	4	8.7	3	7.3	2	5.5	4	10.4
Webster	1	8.5	1	9.2	1	7.5	0	0.0	0	0.0
Wetzel	1	6.1	1	5.8	1	5.7	0	0.0	1	5.9
Wirt	0	0.0	1	16.1	0	0.0	1	14.9	1	19.2
Wood	14	13.4	5	5.2	10	9.6	8	8.3	9	9.1
Wyoming	4	16.0	2	7.7	2	7.5	4	15.2	2	8.0
Total	163	7.4	166	7.7	167	7.8	150	7.3	141	6.8

West Virginia Bureau for Public Health
Health Statistics Center, 2014

*Infant death rate = (infant deaths/live births) X 1,000 in each respective county.

Number and Ratio of Resident Fetal Deaths by County
West Virginia Residents, 2007-2011

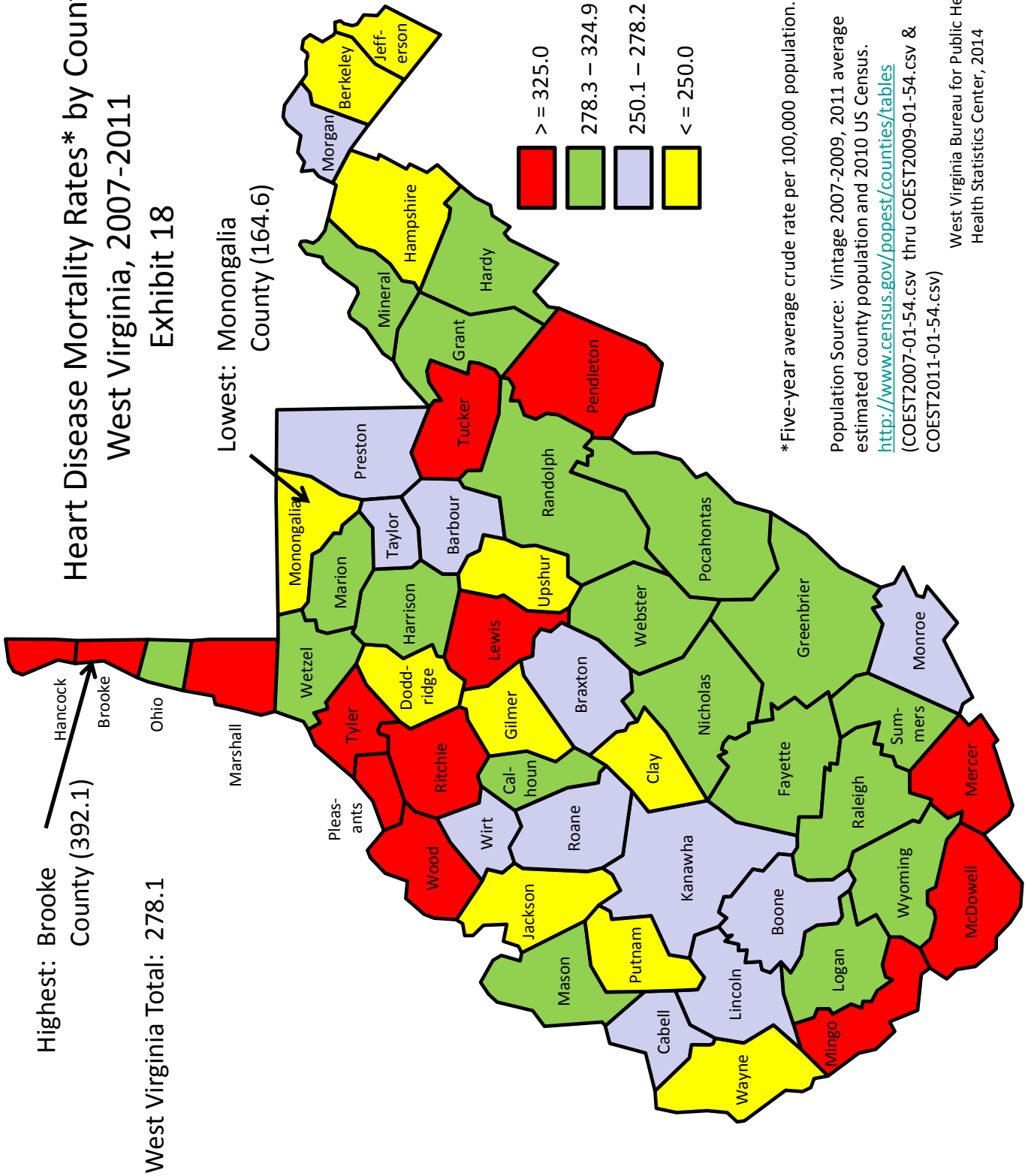
Table 60

County	2007		2008		2009		2010		2011	
	Number	Ratio*	Number	Ratio*	Number	Ratio*	Number	Ratio*	Number	Ratio*
Barbour	3	15.5	1	5.7	2	11.7	0	0.0	1	5.5
Berkeley	10	6.6	3	2.1	10	7.4	3	2.3	4	3.0
Boone	3	9.3	1	2.8	5	15.3	3	9.8	0	0.0
Braxton	2	11.4	0	0.0	1	6.3	2	12.3	1	6.5
Brooke	2	9.1	3	13.5	2	9.6	0	0.0	1	5.5
Cabell	4	3.2	7	5.6	9	7.1	6	5.2	2	1.6
Calhoun	0	0.0	0	0.0	1	10.9	0	0.0	0	0.0
Clay	1	6.8	1	7.0	0	0.0	2	15.2	0	0.0
Doddridge	0	0.0	1	13.5	1	13.0	0	0.0	0	0.0
Fayette	8	12.7	5	8.8	6	9.9	1	1.8	3	5.1
Gilmer	1	12.5	0	0.0	0	0.0	2	25.6	0	0.0
Grant	1	8.0	0	0.0	0	0.0	1	7.8	0	0.0
Greenbrier	3	7.5	0	0.0	1	2.5	2	5.7	2	5.9
Hampshire	0	0.0	2	7.6	1	4.2	1	4.4	0	0.0
Hancock	0	0.0	0	0.0	3	10.2	0	0.0	1	3.2
Hardy	1	5.6	0	0.0	0	0.0	0	0.0	0	0.0
Harrison	3	3.7	2	2.3	4	4.8	0	0.0	1	1.2
Jackson	0	0.0	0	0.0	2	6.2	0	0.0	1	3.2
Jefferson	2	2.8	2	2.9	1	1.6	1	1.7	1	1.6
Kanawha	6	2.5	16	6.7	20	8.8	7	3.2	5	2.3
Lewis	2	8.6	2	9.9	1	5.2	2	10.6	1	4.9
Lincoln	4	14.9	0	0.0	3	11.7	0	0.0	4	14.6
Logan	6	13.1	2	4.8	2	4.7	1	2.3	4	8.8
McDowell	2	6.8	1	3.3	2	6.8	1	3.6	3	11.8
Marion	5	7.5	1	1.6	1	1.5	4	5.9	0	0.0
Marshall	1	2.8	1	3.0	2	6.1	1	3.1	0	0.0
Mason	2	5.9	3	9.6	1	3.6	0	0.0	0	0.0
Mercer	2	2.6	3	3.7	5	6.1	6	7.6	3	3.9
Mineral	0	0.0	0	0.0	0	0.0	1	3.3	0	0.0
Mingo	2	5.1	2	5.7	1	2.7	1	2.6	0	0.0
Monongalia	6	6.6	2	2.2	4	4.3	2	2.1	5	4.8
Monroe	0	0.0	0	0.0	0	0.0	0	0.0	1	7.1
Morgan	0	0.0	0	0.0	0	0.0	1	7.6	0	0.0
Nicholas	1	3.1	0	0.0	7	21.1	3	10.3	2	6.6
Ohio	4	7.9	2	4.3	3	5.9	3	6.4	3	6.6
Pendleton	0	0.0	1	13.5	0	0.0	1	14.3	0	0.0
Pleasants	0	0.0	1	13.0	3	46.9	2	35.7	2	39.2
Pocahontas	2	20.6	2	21.7	0	0.0	0	0.0	3	34.1
Preston	1	2.9	0	0.0	0	0.0	0	0.0	4	10.6
Putnam	2	3.1	6	9.8	1	1.7	3	5.1	3	4.9
Raleigh	10	10.1	6	6.5	5	5.2	4	4.1	8	8.2
Randolph	0	0.0	4	12.3	1	3.4	3	10.6	3	9.9
Ritchie	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Roane	1	5.7	0	0.0	0	0.0	1	6.4	0	0.0
Summers	1	8.2	0	0.0	1	8.1	0	0.0	0	0.0
Taylor	1	6.1	0	0.0	0	0.0	1	5.6	1	5.6
Tucker	0	0.0	0	0.0	1	14.5	0	0.0	0	0.0
Tyler	0	0.0	0	0.0	1	10.0	1	12.5	0	0.0
Upshur	1	3.7	1	3.9	2	7.5	0	0.0	3	10.9
Wayne	0	0.0	1	2.2	1	2.4	4	10.9	0	0.0
Webster	0	0.0	1	9.2	1	7.5	0	0.0	0	0.0
Wetzel	0	0.0	2	11.7	0	0.0	1	5.9	0	0.0
Wirt	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Wood	9	8.6	5	5.2	1	1.0	2	2.1	13	13.1
Wyoming	1	4.0	1	3.9	2	7.5	3	11.4	1	4.0
Total	116	5.3	94	4.4	121	5.7	83	4.1	90	4.3

West Virginia Bureau for Public Health
Health Statistics Center, 2014

*Fetal death ratio = (fetal deaths/live births) X 1000 in each respective county.

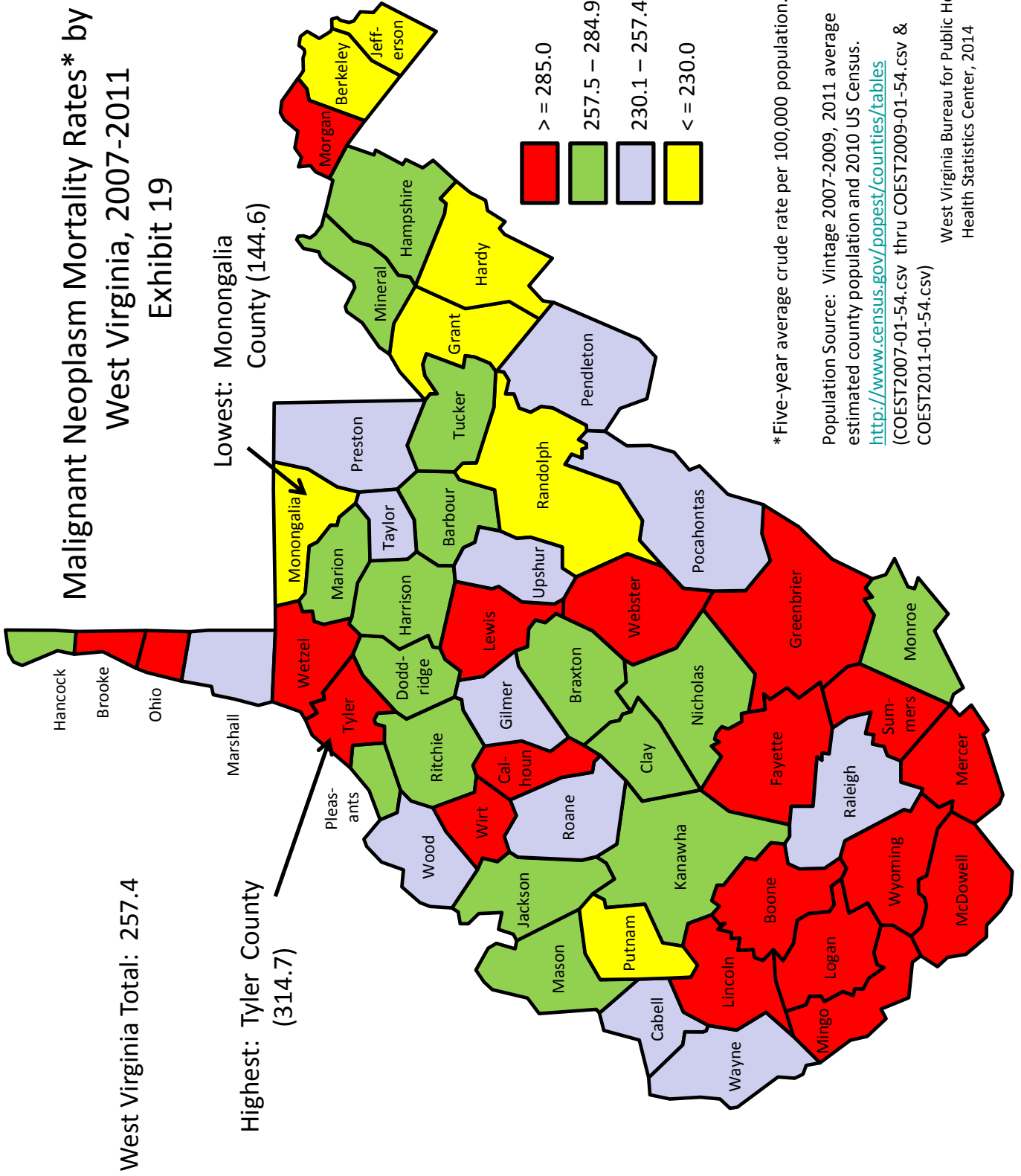
Heart Disease Mortality Rates* by County West Virginia, 2007-2011 Exhibit 18



* Five-year average crude rate per 100,000 population.
 Population Source: Vintage 2007-2009, 2011 average estimated county population and 2010 US Census. <http://www.census.gov/popest/counties/tables>
 (COEST2007-01-54.csv thru COEST2009-01-54.csv & COEST2011-01-54.csv)

West Virginia Bureau for Public Health
 Health Statistics Center, 2014

Malignant Neoplasm Mortality Rates* by County West Virginia, 2007-2011 Exhibit 19



Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2011
Table 61

Selected Causes of Death	Number and Rate by County							
	Barbour		Berkeley		Boone		Braxton	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	5.5	4	3.0	0	0.0	1	6.5
Total Deaths, All Causes	178	10.8	881	8.3	333	13.6	166	11.5
--Deaths Under One Year	2	10.9	9	6.6	2	6.5	2	13.0
--Deaths Under 28 Days	2	10.9	6	4.4	0	0.0	0	0.0
Tuberculosis	0	0.0	1	0.9	0	0.0	0	0.0
Septicemia	3	18.2	20	18.9	5	20.5	2	13.8
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	35	211.9	247	233.6	70	286.4	36	248.5
--of Digestive Organs	9	54.5	57	53.9	20	81.8	7	48.3
----Colon	5	30.3	18	17.0	8	32.7	2	13.8
----Pancreas	2	12.1	12	11.3	4	16.4	2	13.8
--of Respiratory and Intrathoracic Organs	9	54.5	84	79.4	23	94.1	10	69.0
----Trachea, Bronchus and Lung	9	54.5	82	77.5	21	85.9	10	69.0
--of Breast	1	6.1	17	16.1	4	16.4	2	13.8
--of Genitourinary Organs	7	42.4	34	32.2	8	32.7	7	48.3
----Cervix Uteri	0	0.0	5	4.7	1	4.1	0	0.0
----Ovary	2	12.1	4	3.8	1	4.1	2	13.8
----Prostate	2	12.1	9	8.5	3	12.3	3	20.7
----Bladder	0	0.0	9	8.5	1	4.1	1	6.9
--All Other (Malignant Neoplasms)	9	54.5	55	52.0	15	61.4	10	69.0
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	1	0.9	1	4.1	0	0.0
Diabetes Mellitus	8	48.4	26	24.6	12	49.1	6	41.4
Dementia	4	24.2	25	23.6	23	94.1	3	20.7
Alzheimer's Disease	7	42.4	26	24.6	10	40.9	7	48.3
Major Cardiovascular Disease	56	339.0	237	224.1	74	302.7	51	352.1
--Diseases of the Heart	40	242.1	184	174.0	55	225.0	42	290.0
----Ischemic Heart Disease	24	145.3	114	107.8	43	175.9	27	186.4
--Essential Hypertension and Hypertensive Renal Disease	3	18.2	8	7.6	4	16.4	1	6.9
--Cerebrovascular Diseases (Stroke)	11	66.6	40	37.8	14	57.3	7	48.3
--Arteriosclerosis	2	12.1	2	1.9	1	4.1	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	0	0.0	3	2.8	0	0.0	1	6.9
Influenza and Pneumonia	4	24.2	22	20.8	4	16.4	4	27.6
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	4	24.2	22	20.8	4	16.4	4	27.6
Chronic Lower Respiratory Diseases	16	96.9	58	54.8	27	110.5	11	75.9
--Bronchitis, Emphysema and Asthma	0	0.0	9	8.5	1	4.1	1	6.9
Lung Diseases due to External Agents	3	18.2	1	0.9	4	16.4	1	6.9
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	2	8.2	0	0.0
Chronic Liver Disease and Cirrhosis	1	6.1	8	7.6	2	8.2	1	6.9
Nephritis, Nephrotic Syndrome and Nephrosis	2	12.1	7	6.6	6	24.5	3	20.7
Congenital Malformations	1	6.1	2	1.9	1	4.1	1	6.9
Ill-Defined and Unknown Causes of Death	5	30.3	14	13.2	3	12.3	0	0.0
Accidents, All Forms	7	42.4	62	58.6	36	147.3	14	96.7
--Motor Vehicle	3	18.2	20	18.9	8	32.7	6	41.4
--Falls	3	18.2	4	3.8	0	0.0	2	13.8
--Drownings	0	0.0	1	0.9	0	0.0	1	6.9
--Smoke, Fires and Flames	0	0.0	1	0.9	1	4.1	0	0.0
--Poisonings	0	0.0	30	28.4	24	98.2	2	13.8
--Other Accidents	1	6.1	6	5.7	3	12.3	3	20.7
Intentional Self-Harm (Suicide)	2	12.1	21	19.9	6	24.5	6	41.4
Assault (Homicide)	2	12.1	2	1.9	1	4.1	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	3	2.8	4	16.4	0	0.0
All Other Causes (Residual)	22	133.2	98	92.7	44	180.0	20	138.1

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2011
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Brooke		Cabell		Calhoun		Clay	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	5.5	2	1.6	0	0.0	0	0.0
Total Deaths, All Causes	355	14.9	1,167	12.1	95	12.4	102	10.9
--Deaths Under One Year	0	0.0	6	4.9	1	11.1	2	17.4
--Deaths Under 28 Days	0	0.0	4	3.3	0	0.0	1	8.7
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	9	37.7	13	13.5	1	13.1	0	0.0
Human Immunodeficiency Virus Infection	0	0.0	1	1.0	0	0.0	0	0.0
Malignant Neoplasms	89	373.3	222	229.7	24	313.6	28	299.2
--of Digestive Organs	19	79.7	54	55.9	4	52.3	7	74.8
----Colon	3	12.6	22	22.8	2	26.1	5	53.4
----Pancreas	8	33.6	11	11.4	0	0.0	1	10.7
--of Respiratory and Intrathoracic Organs	31	130.0	65	67.3	11	143.8	11	117.6
----Trachea, Bronchus and Lung	31	130.0	65	67.3	11	143.8	10	106.9
--of Breast	3	12.6	16	16.6	0	0.0	3	32.1
--of Genitourinary Organs	15	62.9	50	51.7	4	52.3	3	32.1
----Cervix Uteri	2	8.4	3	3.1	0	0.0	0	0.0
----Ovary	1	4.2	6	6.2	0	0.0	0	0.0
----Prostate	4	16.8	12	12.4	0	0.0	1	10.7
----Bladder	3	12.6	8	8.3	2	26.1	0	0.0
--All Other (Malignant Neoplasms)	21	88.1	37	38.3	5	65.3	4	42.7
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	2	8.4	11	11.4	2	26.1	1	10.7
Diabetes Mellitus	10	41.9	42	43.5	5	65.3	2	21.4
Dementia	8	33.6	75	77.6	2	26.1	5	53.4
Alzheimer's Disease	9	37.7	42	43.5	1	13.1	5	53.4
Major Cardiovascular Disease	106	444.6	323	334.2	27	352.8	23	245.8
--Diseases of the Heart	86	360.7	240	248.3	17	222.2	19	203.1
----Ischemic Heart Disease	47	197.1	151	156.2	13	169.9	14	149.6
--Essential Hypertension and Hypertensive Renal Disease	1	4.2	13	13.5	1	13.1	0	0.0
--Cerebrovascular Diseases (Stroke)	15	62.9	63	65.2	7	91.5	3	32.1
--Arteriosclerosis	0	0.0	2	2.1	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	4	16.8	5	5.2	2	26.1	1	10.7
Influenza and Pneumonia	8	33.6	16	16.6	1	13.1	7	74.8
--Influenza	0	0.0	1	1.0	0	0.0	0	0.0
--Pneumonia	8	33.6	15	15.5	1	13.1	7	74.8
Chronic Lower Respiratory Diseases	24	100.7	83	85.9	9	117.6	7	74.8
--Bronchitis, Emphysema and Asthma	3	12.6	8	8.3	0	0.0	0	0.0
Lung Diseases due to External Agents	1	4.2	5	5.2	0	0.0	1	10.7
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	2	8.4	19	19.7	0	0.0	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis	10	41.9	34	35.2	5	65.3	0	0.0
Congenital Malformations	2	8.4	3	3.1	0	0.0	1	10.7
Ill-Defined and Unknown Causes of Death	9	37.7	23	23.8	1	13.1	2	21.4
Accidents, All Forms	21	88.1	78	80.7	2	26.1	7	74.8
--Motor Vehicle	4	16.8	9	9.3	0	0.0	1	10.7
--Falls	0	0.0	17	17.6	0	0.0	0	0.0
--Drownings	0	0.0	3	3.1	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	2	2.1	1	13.1	1	10.7
--Poisonings	15	62.9	38	39.3	1	13.1	3	32.1
--Other Accidents	2	8.4	9	9.3	0	0.0	2	21.4
Intentional Self-Harm (Suicide)	7	29.4	16	16.6	2	26.1	3	32.1
Assault (Homicide)	1	4.2	6	6.2	1	13.1	1	10.7
Injury Undetermined Whether Accidental or Purposely Inflicted	1	4.2	4	4.1	0	0.0	0	0.0
All Other Causes (Residual)	36	151.0	151	156.2	12	156.8	9	96.2

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2011
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Doddridge		Fayette		Gilmer		Grant	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	3	5.1	0	0.0	0	0.0
Total Deaths, All Causes	81	9.9	608	13.3	73	8.4	141	11.9
--Deaths Under One Year	0	0.0	1	1.7	1	15.2	0	0.0
--Deaths Under 28 Days	0	0.0	1	1.7	1	15.2	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	0	0.0	6	13.1	0	0.0	4	33.6
Human Immunodeficiency Virus Infection	0	0.0	1	2.2	0	0.0	0	0.0
Malignant Neoplasms	16	195.8	127	277.9	21	241.2	33	277.5
--of Digestive Organs	4	49.0	25	54.7	4	46.0	4	33.6
----Colon	3	36.7	6	13.1	1	11.5	0	0.0
----Pancreas	0	0.0	8	17.5	0	0.0	1	8.4
--of Respiratory and Intrathoracic Organs	5	61.2	42	91.9	8	91.9	13	109.3
----Trachea, Bronchus and Lung	4	49.0	40	87.5	8	91.9	13	109.3
--of Breast	0	0.0	10	21.9	1	11.5	0	0.0
--of Genitourinary Organs	2	24.5	21	46.0	3	34.5	4	33.6
----Cervix Uteri	0	0.0	2	4.4	0	0.0	0	0.0
----Ovary	1	12.2	3	6.6	0	0.0	1	8.4
----Prostate	0	0.0	6	13.1	2	23.0	0	0.0
----Bladder	1	12.2	6	13.1	0	0.0	1	8.4
--All Other (Malignant Neoplasms)	5	61.2	29	63.5	5	57.4	12	100.9
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	3	6.6	1	11.5	0	0.0
Diabetes Mellitus	3	36.7	22	48.1	2	23.0	2	16.8
Dementia	2	24.5	22	48.1	1	11.5	1	8.4
Alzheimer's Disease	2	24.5	11	24.1	0	0.0	2	16.8
Major Cardiovascular Disease	19	232.5	182	398.3	20	229.8	56	470.9
--Diseases of the Heart	15	183.6	139	304.2	12	137.9	46	386.8
----Ischemic Heart Disease	12	146.9	94	205.7	5	57.4	28	235.5
--Essential Hypertension and Hypertensive Renal Disease	1	12.2	11	24.1	3	34.5	0	0.0
--Cerebrovascular Diseases (Stroke)	3	36.7	25	54.7	4	46.0	5	42.0
--Arteriosclerosis	0	0.0	0	0.0	1	11.5	3	25.2
--Other Diseases of Arteries, Arterioles and Capillaries	0	0.0	7	15.3	0	0.0	2	16.8
Influenza and Pneumonia	2	24.5	11	24.1	1	11.5	1	8.4
--Influenza	0	0.0	1	2.2	0	0.0	0	0.0
--Pneumonia	2	24.5	10	21.9	1	11.5	1	8.4
Chronic Lower Respiratory Diseases	5	61.2	42	91.9	7	80.4	11	92.5
--Bronchitis, Emphysema and Asthma	1	12.2	3	6.6	1	11.5	0	0.0
Lung Diseases due to External Agents	0	0.0	7	15.3	1	11.5	0	0.0
--Coal Worker's Pneumoconiosis	0	0.0	4	8.8	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	1	12.2	10	21.9	0	0.0	3	25.2
Nephritis, Nephrotic Syndrome and Nephrosis	1	12.2	13	28.4	2	23.0	4	33.6
Congenital Malformations	0	0.0	3	6.6	1	11.5	0	0.0
Ill-Defined and Unknown Causes of Death	0	0.0	9	19.7	0	0.0	0	0.0
Accidents, All Forms	7	85.7	41	89.7	3	34.5	8	67.3
--Motor Vehicle	3	36.7	7	15.3	0	0.0	3	25.2
--Falls	1	12.2	9	19.7	2	23.0	4	33.6
--Drownings	0	0.0	3	6.6	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	0	0.0
--Poisonings	2	24.5	19	41.6	1	11.5	1	8.4
--Other Accidents	1	12.2	3	6.6	0	0.0	0	0.0
Intentional Self-Harm (Suicide)	2	24.5	6	13.1	0	0.0	4	33.6
Assault (Homicide)	0	0.0	5	10.9	1	11.5	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	3	6.6	0	0.0	0	0.0
All Other Causes (Residual)	21	257.0	84	183.8	12	137.9	12	100.9

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2011
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Greenbrier		Hampshire		Hancock		Hardy	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	2	5.9	0	0.0	1	3.2	0	0.0
Total Deaths, All Causes	530	14.8	254	10.7	387	12.7	144	10.4
--Deaths Under One Year	3	8.8	2	9.0	2	6.5	2	14.6
--Deaths Under 28 Days	2	5.9	2	9.0	2	6.5	1	7.3
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	9	25.1	5	21.0	14	45.8	5	35.9
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	117	326.8	51	214.2	79	258.4	33	237.2
--of Digestive Organs	23	64.2	15	63.0	24	78.5	6	43.1
----Colon	5	14.0	6	25.2	9	29.4	0	0.0
----Pancreas	11	30.7	4	16.8	7	22.9	1	7.2
--of Respiratory and Intrathoracic Organs	32	89.4	17	71.4	26	85.0	7	50.3
----Trachea, Bronchus and Lung	32	89.4	17	71.4	26	85.0	6	43.1
--of Breast	11	30.7	2	8.4	6	19.6	2	14.4
--of Genitourinary Organs	10	27.9	3	12.6	10	32.7	11	79.1
----Cervix Uteri	1	2.8	0	0.0	1	3.3	0	0.0
----Ovary	3	8.4	0	0.0	1	3.3	1	7.2
----Prostate	0	0.0	2	8.4	2	6.5	3	21.6
----Bladder	2	5.6	0	0.0	2	6.5	2	14.4
--All Other (Malignant Neoplasms)	41	114.5	14	58.8	13	42.5	7	50.3
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	7	19.6	3	12.6	1	3.3	0	0.0
Diabetes Mellitus	15	41.9	15	63.0	7	22.9	3	21.6
Dementia	22	61.5	4	16.8	16	52.3	2	14.4
Alzheimer's Disease	24	67.0	9	37.8	14	45.8	3	21.6
Major Cardiovascular Disease	142	396.6	74	310.8	122	399.1	55	395.3
--Diseases of the Heart	104	290.5	59	247.8	97	317.3	44	316.3
----Ischemic Heart Disease	57	159.2	37	155.4	54	176.6	26	186.9
--Essential Hypertension and Hypertensive Renal Disease	5	14.0	4	16.8	4	13.1	2	14.4
--Cerebrovascular Diseases (Stroke)	29	81.0	11	46.2	17	55.6	8	57.5
--Arteriosclerosis	0	0.0	0	0.0	1	3.3	1	7.2
--Other Diseases of Arteries, Arterioles and Capillaries	4	11.2	0	0.0	3	9.8	0	0.0
Influenza and Pneumonia	11	30.7	2	8.4	17	55.6	8	57.5
--Influenza	1	2.8	0	0.0	0	0.0	1	7.2
--Pneumonia	10	27.9	2	8.4	17	55.6	7	50.3
Chronic Lower Respiratory Diseases	37	103.4	16	67.2	20	65.4	8	57.5
--Bronchitis, Emphysema and Asthma	6	16.8	1	4.2	2	6.5	0	0.0
Lung Diseases due to External Agents	6	16.8	2	8.4	3	9.8	1	7.2
--Coal Worker's Pneumoconiosis	1	2.8	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	6	16.8	4	16.8	5	16.4	2	14.4
Nephritis, Nephrotic Syndrome and Nephrosis	10	27.9	8	33.6	12	39.3	2	14.4
Congenital Malformations	1	2.8	0	0.0	1	3.3	0	0.0
Ill-Defined and Unknown Causes of Death	7	19.6	2	8.4	10	32.7	2	14.4
Accidents, All Forms	37	103.4	16	67.2	21	68.7	6	43.1
--Motor Vehicle	8	22.3	7	29.4	4	13.1	3	21.6
--Falls	7	19.6	1	4.2	4	13.1	0	0.0
--Drownings	0	0.0	0	0.0	0	0.0	1	7.2
--Smoke, Fires and Flames	1	2.8	1	4.2	0	0.0	0	0.0
--Poisonings	14	39.1	5	21.0	8	26.2	1	7.2
--Other Accidents	7	19.6	2	8.4	5	16.4	1	7.2
Intentional Self-Harm (Suicide)	11	30.7	3	12.6	3	9.8	2	14.4
Assault (Homicide)	0	0.0	1	4.2	0	0.0	1	7.2
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	2	8.4	1	3.3	0	0.0
All Other Causes (Residual)	68	189.9	37	155.4	41	134.1	11	79.1

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2011
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Harrison		Jackson		Jefferson		Kanawha	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	1.2	1	3.2	1	1.6	5	2.3
Total Deaths, All Causes	928	13.4	315	10.8	416	7.7	2,388	12.4
--Deaths Under One Year	3	3.7	4	12.9	2	3.2	15	7.0
--Deaths Under 28 Days	2	2.5	3	9.7	1	1.6	8	3.7
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	10	14.4	2	6.8	4	7.4	38	19.8
Human Immunodeficiency Virus Infection	1	1.4	0	0.0	0	0.0	3	1.6
Malignant Neoplasms	207	298.1	67	229.1	100	184.4	525	273.0
--of Digestive Organs	52	74.9	17	58.1	24	44.3	116	60.3
----Colon	14	20.2	6	20.5	5	9.2	36	18.7
----Pancreas	11	15.8	7	23.9	5	9.2	29	15.1
--of Respiratory and Intrathoracic Organs	57	82.1	20	68.4	26	47.9	164	85.3
----Trachea, Bronchus and Lung	56	80.6	19	65.0	25	46.1	160	83.2
--of Breast	6	8.6	1	3.4	10	18.4	38	19.8
--of Genitourinary Organs	30	43.2	7	23.9	11	20.3	86	44.7
----Cervix Uteri	2	2.9	1	3.4	2	3.7	5	2.6
----Ovary	5	7.2	2	6.8	1	1.8	13	6.8
----Prostate	12	17.3	1	3.4	4	7.4	27	14.0
----Bladder	3	4.3	1	3.4	2	3.7	15	7.8
--All Other (Malignant Neoplasms)	62	89.3	22	75.2	29	53.5	121	62.9
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	3	4.3	3	10.3	1	1.8	4	2.1
Diabetes Mellitus	41	59.0	12	41.0	15	27.7	73	38.0
Dementia	35	50.4	6	20.5	22	40.6	203	105.6
Alzheimer's Disease	40	57.6	17	58.1	19	35.0	73	38.0
Major Cardiovascular Disease	282	406.1	101	345.4	116	213.9	645	335.4
--Diseases of the Heart	215	309.6	60	205.2	85	156.8	463	240.8
----Ischemic Heart Disease	138	198.7	39	133.4	48	88.5	302	157.0
--Essential Hypertension and Hypertensive Renal Disease	13	18.7	12	41.0	3	5.5	34	17.7
--Cerebrovascular Diseases (Stroke)	45	64.8	15	51.3	22	40.6	124	64.5
--Arteriosclerosis	1	1.4	12	41.0	2	3.7	7	3.6
--Other Diseases of Arteries, Arterioles and Capillaries	8	11.5	2	6.8	4	7.4	17	8.8
Influenza and Pneumonia	19	27.4	8	27.4	4	7.4	55	28.6
--Influenza	4	5.8	0	0.0	0	0.0	5	2.6
--Pneumonia	15	21.6	8	27.4	4	7.4	50	26.0
Chronic Lower Respiratory Diseases	67	96.5	19	65.0	31	57.2	147	76.4
--Bronchitis, Emphysema and Asthma	2	2.9	2	6.8	3	5.5	4	2.1
Lung Diseases due to External Agents	6	8.6	1	3.4	0	0.0	14	7.3
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	1	0.5
Chronic Liver Disease and Cirrhosis	14	20.2	6	20.5	4	7.4	44	22.9
Nephritis, Nephrotic Syndrome and Nephrosis	9	13.0	7	23.9	4	7.4	53	27.6
Congenital Malformations	3	4.3	1	3.4	3	5.5	8	4.2
Ill-Defined and Unknown Causes of Death	7	10.1	3	10.3	3	5.5	32	16.6
Accidents, All Forms	56	80.6	14	47.9	34	62.7	154	80.1
--Motor Vehicle	17	24.5	6	20.5	13	24.0	33	17.2
--Falls	7	10.1	2	6.8	3	5.5	29	15.1
--Drownings	2	2.9	0	0.0	1	1.8	1	0.5
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	0	0.0
--Poisonings	21	30.2	3	10.3	10	18.4	71	36.9
--Other Accidents	9	13.0	3	10.3	7	12.9	20	10.4
Intentional Self-Harm (Suicide)	8	11.5	6	20.5	7	12.9	27	14.0
Assault (Homicide)	5	7.2	2	6.8	2	3.7	12	6.2
Injury Undetermined Whether Accidental or Purposely Inflicted	3	4.3	0	0.0	2	3.7	5	2.6
All Other Causes (Residual)	112	161.3	40	136.8	45	83.0	273	142.0

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2011
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Lewis		Lincoln		Logan		McDowell	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	4.9	4	14.6	4	8.8	3	11.8
Total Deaths, All Causes	202	12.3	286	13.3	550	15.1	381	17.5
--Deaths Under One Year	1	4.9	2	7.3	4	8.8	2	7.9
--Deaths Under 28 Days	1	4.9	1	3.6	3	6.6	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	3	18.3	7	32.5	11	30.2	7	32.2
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	52	316.8	48	222.7	121	331.9	63	289.9
--of Digestive Organs	13	79.2	13	60.3	23	63.1	13	59.8
----Colon	5	30.5	6	27.8	9	24.7	5	23.0
----Pancreas	3	18.3	1	4.6	6	16.5	1	4.6
--of Respiratory and Intrathoracic Organs	18	109.6	13	60.3	52	142.6	28	128.9
----Trachea, Bronchus and Lung	18	109.6	13	60.3	52	142.6	27	124.3
--of Breast	3	18.3	3	13.9	5	13.7	3	13.8
--of Genitourinary Organs	7	42.6	7	32.5	12	32.9	6	27.6
----Cervix Uteri	0	0.0	0	0.0	1	2.7	1	4.6
----Ovary	1	6.1	2	9.3	2	5.5	1	4.6
----Prostate	1	6.1	2	9.3	2	5.5	1	4.6
----Bladder	2	12.2	3	13.9	2	5.5	1	4.6
--All Other (Malignant Neoplasms)	11	67.0	12	55.7	29	79.5	13	59.8
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	3	18.3	2	9.3	1	2.7	0	0.0
Diabetes Mellitus	10	60.9	16	74.2	25	68.6	20	92.0
Dementia	5	30.5	22	102.1	15	41.1	13	59.8
Alzheimer's Disease	5	30.5	5	23.2	12	32.9	7	32.2
Major Cardiovascular Disease	59	359.4	92	426.9	159	436.1	91	418.8
--Diseases of the Heart	45	274.1	76	352.7	122	334.6	76	349.8
----Ischemic Heart Disease	34	207.1	49	227.4	88	241.4	57	262.3
--Essential Hypertension and Hypertensive Renal Disease	5	30.5	6	27.8	6	16.5	3	13.8
--Cerebrovascular Diseases (Stroke)	8	48.7	10	46.4	23	63.1	11	50.6
--Arteriosclerosis	0	0.0	0	0.0	1	2.7	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	1	6.1	0	0.0	7	19.2	1	4.6
Influenza and Pneumonia	6	36.5	3	13.9	14	38.4	6	27.6
--Influenza	0	0.0	0	0.0	1	2.7	0	0.0
--Pneumonia	6	36.5	3	13.9	13	35.7	6	27.6
Chronic Lower Respiratory Diseases	19	115.7	21	97.4	43	117.9	33	151.9
--Bronchitis, Emphysema and Asthma	0	0.0	2	9.3	5	13.7	4	18.4
Lung Diseases due to External Agents	0	0.0	0	0.0	6	16.5	12	55.2
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	7	32.2
Chronic Liver Disease and Cirrhosis	6	36.5	3	13.9	2	5.5	11	50.6
Nephritis, Nephrotic Syndrome and Nephrosis	3	18.3	4	18.6	6	16.5	10	46.0
Congenital Malformations	0	0.0	2	9.3	3	8.2	2	9.2
Ill-Defined and Unknown Causes of Death	1	6.1	4	18.6	1	2.7	5	23.0
Accidents, All Forms	8	48.7	29	134.6	50	137.1	40	184.1
--Motor Vehicle	3	18.3	12	55.7	10	27.4	11	50.6
--Falls	3	18.3	1	4.6	6	16.5	2	9.2
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	1	2.7	1	4.6
--Poisonings	1	6.1	14	65.0	26	71.3	25	115.1
--Other Accidents	1	6.1	2	9.3	7	19.2	1	4.6
Intentional Self-Harm (Suicide)	2	12.2	4	18.6	4	11.0	3	13.8
Assault (Homicide)	2	12.2	1	4.6	5	13.7	5	23.0
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	1	4.6	0	0.0	6	27.6
All Other Causes (Residual)	18	109.6	22	102.1	72	197.5	47	216.3

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2011
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Marion		Marshall		Mason		Mercer	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	0	0.0	0	0.0	3	3.9
Total Deaths, All Causes	642	11.3	407	12.4	325	11.9	946	15.1
--Deaths Under One Year	5	7.4	5	17.5	2	7.3	4	5.2
--Deaths Under 28 Days	5	7.4	2	7.0	0	0.0	2	2.6
Tuberculosis	0	0.0	0	0.0	0	0.0	1	1.6
Septicemia	14	24.7	1	3.0	6	22.0	12	19.2
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	143	252.7	96	292.7	66	241.8	166	265.7
--of Digestive Organs	35	61.9	22	67.1	15	54.9	46	73.6
----Colon	11	19.4	4	12.2	8	29.3	14	22.4
----Pancreas	7	12.4	3	9.1	2	7.3	10	16.0
--of Respiratory and Intrathoracic Organs	45	79.5	28	85.4	22	80.6	56	89.7
----Trachea, Bronchus and Lung	44	77.8	26	79.3	22	80.6	54	86.4
--of Breast	11	19.4	9	27.4	6	22.0	5	8.0
--of Genitourinary Organs	22	38.9	17	51.8	8	29.3	18	28.8
----Cervix Uteri	3	5.3	1	3.0	2	7.3	2	3.2
----Ovary	1	1.8	5	15.2	2	7.3	2	3.2
----Prostate	5	8.8	3	9.1	2	7.3	4	6.4
----Bladder	1	1.8	2	6.1	1	3.7	4	6.4
--All Other (Malignant Neoplasms)	30	53.0	20	61.0	15	54.9	41	65.6
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	3	5.3	2	6.1	1	3.7	8	12.8
Diabetes Mellitus	29	51.2	18	54.9	11	40.3	43	68.8
Dementia	33	58.3	6	18.3	8	29.3	62	99.3
Alzheimer's Disease	10	17.7	15	45.7	11	40.3	14	22.4
Major Cardiovascular Disease	198	349.9	131	399.4	104	381.0	287	459.5
--Diseases of the Heart	167	295.1	103	314.0	82	300.4	219	350.6
----Ischemic Heart Disease	107	189.1	86	262.2	55	201.5	149	238.5
--Essential Hypertension and Hypertensive Renal Disease	4	7.1	3	9.1	4	14.7	12	19.2
--Cerebrovascular Diseases (Stroke)	23	40.6	22	67.1	14	51.3	49	78.4
--Arteriosclerosis	1	1.8	1	3.0	0	0.0	1	1.6
--Other Diseases of Arteries, Arterioles and Capillaries	3	5.3	2	6.1	4	14.7	6	9.6
Influenza and Pneumonia	7	12.4	16	48.8	5	18.3	15	24.0
--Influenza	1	1.8	2	6.1	1	3.7	0	0.0
--Pneumonia	6	10.6	14	42.7	4	14.7	15	24.0
Chronic Lower Respiratory Diseases	38	67.2	30	91.5	25	91.6	80	128.1
--Bronchitis, Emphysema and Asthma	3	5.3	1	3.0	2	7.3	1	1.6
Lung Diseases due to External Agents	7	12.4	4	12.2	1	3.7	14	22.4
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	3	4.8
Chronic Liver Disease and Cirrhosis	5	8.8	3	9.1	4	14.7	14	22.4
Nephritis, Nephrotic Syndrome and Nephrosis	24	42.4	4	12.2	3	11.0	16	25.6
Congenital Malformations	6	10.6	2	6.1	2	7.3	2	3.2
Ill-Defined and Unknown Causes of Death	11	19.4	3	9.1	7	25.6	5	8.0
Accidents, All Forms	37	65.4	25	76.2	19	69.6	77	123.3
--Motor Vehicle	10	17.7	7	21.3	8	29.3	12	19.2
--Falls	12	21.2	5	15.2	4	14.7	10	16.0
--Drownings	1	1.8	0	0.0	0	0.0	1	1.6
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	1	1.6
--Poisonings	7	12.4	9	27.4	5	18.3	45	72.0
--Other Accidents	7	12.4	4	12.2	2	7.3	8	12.8
Intentional Self-Harm (Suicide)	12	21.2	4	12.2	6	22.0	15	24.0
Assault (Homicide)	2	3.5	1	3.0	3	11.0	5	8.0
Injury Undetermined Whether Accidental or Purposely Inflicted	1	1.8	0	0.0	3	11.0	6	9.6
All Other Causes (Residual)	62	109.6	46	140.2	40	146.5	104	166.5

West Virginia Bureau for Public Health
Health Statistics Center, 2014

*Rates for total deaths are per 1,000 population. Rates for fetal deaths, deaths under 1 year and deaths under 28 days are per 1,000 live births. All other rates are per 100,000 population unless otherwise noted.

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2011
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Mineral		Mingo		Monongalia		Monroe	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	0	0.0	5	4.8	1	7.1
Total Deaths, All Causes	319	11.3	371	14.0	649	6.6	174	12.9
--Deaths Under One Year	5	17.2	2	5.8	3	2.9	2	14.2
--Deaths Under 28 Days	4	13.7	1	2.9	3	2.9	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	4	14.2	2	7.5	7	7.1	2	14.8
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	1	1.0	0	0.0
Malignant Neoplasms	70	248.3	89	335.1	152	154.3	42	310.3
--of Digestive Organs	24	85.1	18	67.8	39	39.6	10	73.9
----Colon	6	21.3	5	18.8	8	8.1	7	51.7
----Pancreas	5	17.7	4	15.1	13	13.2	1	7.4
--of Respiratory and Intrathoracic Organs	19	67.4	31	116.7	47	47.7	10	73.9
----Trachea, Bronchus and Lung	19	67.4	30	112.9	46	46.7	10	73.9
--of Breast	3	10.6	4	15.1	11	11.2	3	22.2
--of Genitourinary Organs	7	24.8	15	56.5	19	19.3	9	66.5
----Cervix Uteri	1	3.5	0	0.0	0	0.0	0	0.0
----Ovary	1	3.5	6	22.6	5	5.1	1	7.4
----Prostate	1	3.5	3	11.3	5	5.1	4	29.6
----Bladder	2	7.1	0	0.0	2	2.0	2	14.8
--All Other (Malignant Neoplasms)	17	60.3	21	79.1	36	36.5	10	73.9
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	0	0.0	4	4.1	0	0.0
Diabetes Mellitus	11	39.0	10	37.6	28	28.4	8	59.1
Dementia	10	35.5	3	11.3	23	23.3	8	59.1
Alzheimer's Disease	7	24.8	9	33.9	21	21.3	3	22.2
Major Cardiovascular Disease	114	404.4	112	421.6	173	175.6	42	310.3
--Diseases of the Heart	86	305.1	84	316.2	132	134.0	31	229.1
----Ischemic Heart Disease	61	216.4	59	222.1	79	80.2	17	125.6
--Essential Hypertension and Hypertensive Renal Disease	9	31.9	4	15.1	7	7.1	0	0.0
--Cerebrovascular Diseases (Stroke)	13	46.1	19	71.5	30	30.4	10	73.9
--Arteriosclerosis	0	0.0	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	6	21.3	5	18.8	4	4.1	1	7.4
Influenza and Pneumonia	8	28.4	8	30.1	21	21.3	3	22.2
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	8	28.4	8	30.1	21	21.3	3	22.2
Chronic Lower Respiratory Diseases	15	53.2	26	97.9	48	48.7	17	125.6
--Bronchitis, Emphysema and Asthma	4	14.2	3	11.3	2	2.0	3	22.2
Lung Diseases due to External Agents	1	3.5	6	22.6	8	8.1	2	14.8
--Coal Worker's Pneumoconiosis	0	0.0	3	11.3	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	3	10.6	8	30.1	4	4.1	3	22.2
Nephritis, Nephrotic Syndrome and Nephrosis	7	24.8	2	7.5	11	11.2	2	14.8
Congenital Malformations	1	3.5	0	0.0	3	3.0	0	0.0
Ill-Defined and Unknown Causes of Death	2	7.1	2	7.5	3	3.0	4	29.6
Accidents, All Forms	16	56.8	33	124.2	50	50.7	14	103.4
--Motor Vehicle	6	21.3	10	37.6	12	12.2	4	29.6
--Falls	2	7.1	2	7.5	18	18.3	3	22.2
--Drownings	2	7.1	2	7.5	0	0.0	0	0.0
--Smoke, Fires and Flames	1	3.5	0	0.0	2	2.0	0	0.0
--Poisonings	2	7.1	14	52.7	8	8.1	4	29.6
--Other Accidents	3	10.6	5	18.8	10	10.1	3	22.2
Intentional Self-Harm (Suicide)	4	14.2	5	18.8	10	10.1	1	7.4
Assault (Homicide)	0	0.0	6	22.6	4	4.1	1	7.4
Injury Undetermined Whether Accidental or Purposely Inflicted	2	7.1	2	7.5	0	0.0	1	7.4
All Other Causes (Residual)	44	156.1	48	180.7	78	79.2	21	155.2

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2011
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Morgan		Nicholas		Ohio		Pendleton	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	2	6.6	3	6.6	0	0.0
Total Deaths, All Causes	194	11.1	341	13.0	581	13.1	104	13.6
--Deaths Under One Year	2	12.7	3	10.0	5	11.0	0	0.0
--Deaths Under 28 Days	0	0.0	1	3.3	3	6.6	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	5	28.5	4	15.2	6	13.6	2	26.1
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	54	308.0	73	277.9	122	275.7	14	182.5
--of Digestive Organs	10	57.0	16	60.9	28	63.3	3	39.1
----Colon	6	34.2	5	19.0	8	18.1	3	39.1
----Pancreas	0	0.0	2	7.6	4	9.0	0	0.0
--of Respiratory and Intrathoracic Organs	11	62.7	24	91.4	34	76.8	5	65.2
----Trachea, Bronchus and Lung	11	62.7	24	91.4	33	74.6	5	65.2
--of Breast	6	34.2	7	26.6	10	22.6	0	0.0
--of Genitourinary Organs	9	51.3	7	26.6	21	47.5	4	52.1
----Cervix Uteri	0	0.0	0	0.0	1	2.3	0	0.0
----Ovary	0	0.0	1	3.8	8	18.1	0	0.0
----Prostate	5	28.5	2	7.6	6	13.6	1	13.0
----Bladder	2	11.4	2	7.6	1	2.3	3	39.1
--All Other (Malignant Neoplasms)	18	102.7	19	72.3	29	65.5	2	26.1
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	3	11.4	5	11.3	1	13.0
Diabetes Mellitus	4	22.8	11	41.9	17	38.4	5	65.2
Dementia	7	39.9	14	53.3	34	76.8	3	39.1
Alzheimer's Disease	12	68.4	6	22.8	15	33.9	2	26.1
Major Cardiovascular Disease	51	290.8	93	354.0	198	447.5	44	573.4
--Diseases of the Heart	41	233.8	70	266.5	144	325.5	37	482.2
----Ischemic Heart Disease	26	148.3	47	178.9	92	207.9	24	312.8
--Essential Hypertension and Hypertensive Renal Disease	0	0.0	4	15.2	9	20.3	0	0.0
--Cerebrovascular Diseases (Stroke)	7	39.9	17	64.7	39	88.1	6	78.2
--Arteriosclerosis	0	0.0	0	0.0	3	6.8	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	3	17.1	2	7.6	3	6.8	1	13.0
Influenza and Pneumonia	4	22.8	15	57.1	8	18.1	2	26.1
--Influenza	0	0.0	1	3.8	0	0.0	0	0.0
--Pneumonia	4	22.8	14	53.3	8	18.1	2	26.1
Chronic Lower Respiratory Diseases	10	57.0	26	99.0	45	101.7	7	91.2
--Bronchitis, Emphysema and Asthma	1	5.7	2	7.6	3	6.8	0	0.0
Lung Diseases due to External Agents	0	0.0	9	34.3	2	4.5	0	0.0
--Coal Worker's Pneumoconiosis	0	0.0	3	11.4	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	8	30.5	6	13.6	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis	7	39.9	7	26.6	10	22.6	1	13.0
Congenital Malformations	0	0.0	2	7.6	2	4.5	1	13.0
Ill-Defined and Unknown Causes of Death	3	17.1	2	7.6	3	6.8	0	0.0
Accidents, All Forms	5	28.5	25	95.2	16	36.2	5	65.2
--Motor Vehicle	1	5.7	5	19.0	1	2.3	1	13.0
--Falls	1	5.7	2	7.6	3	6.8	2	26.1
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	1	5.7	1	3.8	1	2.3	0	0.0
--Poisonings	2	11.4	14	53.3	7	15.8	0	0.0
--Other Accidents	0	0.0	3	11.4	4	9.0	2	26.1
Intentional Self-Harm (Suicide)	3	17.1	5	19.0	5	11.3	1	13.0
Assault (Homicide)	2	11.4	0	0.0	2	4.5	1	13.0
Injury Undetermined Whether Accidental or Purposely Inflicted	1	5.7	2	7.6	1	2.3	0	0.0
All Other Causes (Residual)	26	148.3	36	137.0	84	189.8	15	195.5

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2011
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Pleasants		Pocahontas		Preston		Putnam	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	2	39.2	3	34.1	4	10.6	3	4.9
Total Deaths, All Causes	104	13.7	91	10.4	336	10.0	510	9.1
--Deaths Under One Year	0	0.0	0	0.0	4	10.6	4	6.6
--Deaths Under 28 Days	0	0.0	0	0.0	4	10.6	3	4.9
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	2	26.3	0	0.0	2	5.9	7	12.5
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	34	446.7	22	250.4	83	246.1	114	203.5
--of Digestive Organs	3	39.4	6	68.3	20	59.3	20	35.7
----Colon	0	0.0	1	11.4	6	17.8	3	5.4
----Pancreas	1	13.1	2	22.8	3	8.9	8	14.3
--of Respiratory and Intrathoracic Organs	14	183.9	6	68.3	22	65.2	32	57.1
----Trachea, Bronchus and Lung	14	183.9	6	68.3	21	62.3	32	57.1
--of Breast	1	13.1	1	11.4	7	20.8	10	17.9
--of Genitourinary Organs	4	52.6	3	34.1	9	26.7	15	26.8
----Cervix Uteri	0	0.0	1	11.4	1	3.0	0	0.0
----Ovary	0	0.0	0	0.0	2	5.9	2	3.6
----Prostate	3	39.4	0	0.0	2	5.9	5	8.9
----Bladder	1	13.1	1	11.4	0	0.0	3	5.4
--All Other (Malignant Neoplasms)	12	157.7	6	68.3	25	74.1	37	66.1
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	0	0.0	3	8.9	3	5.4
Diabetes Mellitus	5	65.7	4	45.5	8	23.7	14	25.0
Dementia	3	39.4	3	34.1	8	23.7	44	78.6
Alzheimer's Disease	5	65.7	3	34.1	11	32.6	8	14.3
Major Cardiovascular Disease	25	328.5	23	261.8	92	272.8	153	273.2
--Diseases of the Heart	21	275.9	16	182.1	74	219.4	118	210.7
----Ischemic Heart Disease	14	183.9	7	79.7	47	139.4	76	135.7
--Essential Hypertension and Hypertensive Renal Disease	1	13.1	0	0.0	0	0.0	4	7.1
--Cerebrovascular Diseases (Stroke)	3	39.4	5	56.9	14	41.5	26	46.4
--Arteriosclerosis	0	0.0	0	0.0	0	0.0	3	5.4
--Other Diseases of Arteries, Arterioles and Capillaries	0	0.0	2	22.8	4	11.9	2	3.6
Influenza and Pneumonia	4	52.6	1	11.4	4	11.9	14	25.0
--Influenza	0	0.0	0	0.0	1	3.0	1	1.8
--Pneumonia	4	52.6	1	11.4	3	8.9	13	23.2
Chronic Lower Respiratory Diseases	8	105.1	8	91.1	31	91.9	27	48.2
--Bronchitis, Emphysema and Asthma	0	0.0	0	0.0	1	3.0	1	1.8
Lung Diseases due to External Agents	3	39.4	1	11.4	2	5.9	3	5.4
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	1	13.1	0	0.0	4	11.9	6	10.7
Nephritis, Nephrotic Syndrome and Nephrosis	4	52.6	1	11.4	7	20.8	14	25.0
Congenital Malformations	0	0.0	0	0.0	0	0.0	1	1.8
Ill-Defined and Unknown Causes of Death	1	13.1	2	22.8	2	5.9	5	8.9
Accidents, All Forms	3	39.4	8	91.1	19	56.3	29	51.8
--Motor Vehicle	2	26.3	0	0.0	6	17.8	9	16.1
--Falls	0	0.0	2	22.8	7	20.8	6	10.7
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	1	11.4	1	3.0	1	1.8
--Poisonings	0	0.0	2	22.8	3	8.9	12	21.4
--Other Accidents	1	13.1	3	34.1	2	5.9	1	1.8
Intentional Self-Harm (Suicide)	0	0.0	1	11.4	4	11.9	6	10.7
Assault (Homicide)	0	0.0	0	0.0	2	5.9	1	1.8
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	1	11.4	2	5.9	3	5.4
All Other Causes (Residual)	6	78.8	13	148.0	52	154.2	58	103.6

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2011
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Raleigh		Randolph		Ritchie		Roane	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	8	8.2	3	9.9	0	0.0	0	0.0
Total Deaths, All Causes	986	12.5	362	12.3	122	11.9	176	11.8
--Deaths Under One Year	4	4.1	2	6.6	0	0.0	1	6.5
--Deaths Under 28 Days	2	2.0	1	3.3	0	0.0	1	6.5
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	15	19.0	4	13.6	2	19.4	2	13.5
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	217	274.2	73	247.8	22	213.7	35	235.6
--of Digestive Organs	35	44.2	22	74.7	5	48.6	9	60.6
----Colon	14	17.7	8	27.2	2	19.4	2	13.5
----Pancreas	5	6.3	8	27.2	0	0.0	3	20.2
--of Respiratory and Intrathoracic Organs	72	91.0	22	74.7	10	97.1	11	74.0
----Trachea, Bronchus and Lung	70	88.5	22	74.7	10	97.1	11	74.0
--of Breast	10	12.6	8	27.2	0	0.0	1	6.7
--of Genitourinary Organs	40	50.6	8	27.2	2	19.4	6	40.4
----Cervix Uteri	4	5.1	1	3.4	0	0.0	2	13.5
----Ovary	10	12.6	2	6.8	0	0.0	0	0.0
----Prostate	14	17.7	3	10.2	2	19.4	0	0.0
----Bladder	2	2.5	0	0.0	0	0.0	1	6.7
--All Other (Malignant Neoplasms)	60	75.8	13	44.1	5	48.6	8	53.8
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	5	6.3	4	13.6	0	0.0	1	6.7
Diabetes Mellitus	38	48.0	11	37.3	2	19.4	6	40.4
Dementia	40	50.6	12	40.7	7	68.0	7	47.1
Alzheimer's Disease	10	12.6	12	40.7	3	29.1	9	60.6
Major Cardiovascular Disease	266	336.2	119	403.9	41	398.3	43	289.4
--Diseases of the Heart	207	261.6	87	295.3	34	330.3	30	201.9
----Ischemic Heart Disease	130	164.3	52	176.5	28	272.0	23	154.8
--Essential Hypertension and Hypertensive Renal Disease	7	8.8	3	10.2	0	0.0	4	26.9
--Cerebrovascular Diseases (Stroke)	46	58.1	25	84.8	4	38.9	8	53.8
--Arteriosclerosis	1	1.3	3	10.2	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	5	6.3	1	3.4	3	29.1	1	6.7
Influenza and Pneumonia	11	13.9	7	23.8	7	68.0	7	47.1
--Influenza	1	1.3	0	0.0	0	0.0	1	6.7
--Pneumonia	10	12.6	7	23.8	7	68.0	6	40.4
Chronic Lower Respiratory Diseases	86	108.7	30	101.8	10	97.1	19	127.9
--Bronchitis, Emphysema and Asthma	13	16.4	1	3.4	1	9.7	1	6.7
Lung Diseases due to External Agents	21	26.5	3	10.2	3	29.1	1	6.7
--Coal Worker's Pneumoconiosis	9	11.4	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	11	13.9	3	10.2	0	0.0	2	13.5
Nephritis, Nephrotic Syndrome and Nephrosis	22	27.8	9	30.5	2	19.4	5	33.7
Congenital Malformations	0	0.0	1	3.4	0	0.0	1	6.7
Ill-Defined and Unknown Causes of Death	18	22.7	3	10.2	0	0.0	3	20.2
Accidents, All Forms	77	97.3	22	74.7	3	29.1	6	40.4
--Motor Vehicle	12	15.2	6	20.4	2	19.4	3	20.2
--Falls	6	7.6	8	27.2	0	0.0	0	0.0
--Drownings	1	1.3	1	3.4	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	1	9.7	0	0.0
--Poisonings	53	67.0	5	17.0	0	0.0	2	13.5
--Other Accidents	5	6.3	2	6.8	0	0.0	1	6.7
Intentional Self-Harm (Suicide)	17	21.5	7	23.8	3	29.1	7	47.1
Assault (Homicide)	4	5.1	2	6.8	0	0.0	1	6.7
Injury Undetermined Whether Accidental or Purposely Inflicted	8	10.1	0	0.0	1	9.7	0	0.0
All Other Causes (Residual)	120	151.7	40	135.8	16	155.4	21	141.3

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2011
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Summers		Taylor		Tucker		Tyler	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	1	5.6	0	0.0	0	0.0
Total Deaths, All Causes	207	14.9	203	12.0	92	13.1	152	16.7
--Deaths Under One Year	1	7.6	0	0.0	0	0.0	0	0.0
--Deaths Under 28 Days	1	7.6	0	0.0	0	0.0	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	5	36.1	1	5.9	2	28.5	3	32.9
Human Immunodeficiency Virus Infection	1	7.2	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	28	201.9	43	254.2	17	242.1	34	372.8
--of Digestive Organs	9	64.9	9	53.2	4	57.0	1	11.0
----Colon	2	14.4	4	23.6	0	0.0	0	0.0
----Pancreas	3	21.6	2	11.8	2	28.5	1	11.0
--of Respiratory and Intrathoracic Organs	10	72.1	18	106.4	6	85.5	10	109.6
----Trachea, Bronchus and Lung	10	72.1	18	106.4	6	85.5	10	109.6
--of Breast	1	7.2	6	35.5	1	14.2	3	32.9
--of Genitourinary Organs	1	7.2	4	23.6	1	14.2	7	76.7
----Cervix Uteri	0	0.0	0	0.0	0	0.0	1	11.0
----Ovary	0	0.0	0	0.0	0	0.0	1	11.0
----Prostate	0	0.0	2	11.8	0	0.0	2	21.9
----Bladder	0	0.0	1	5.9	0	0.0	1	11.0
--All Other (Malignant Neoplasms)	7	50.5	6	35.5	5	71.2	13	142.5
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	1	7.2	0	0.0	0	0.0	1	11.0
Diabetes Mellitus	10	72.1	8	47.3	1	14.2	5	54.8
Dementia	12	86.5	4	23.6	3	42.7	4	43.9
Alzheimer's Disease	2	14.4	7	41.4	3	42.7	2	21.9
Major Cardiovascular Disease	60	432.7	73	431.5	34	484.3	51	559.1
--Diseases of the Heart	49	353.4	49	289.7	27	384.6	37	405.7
----Ischemic Heart Disease	35	252.4	36	212.8	17	242.1	20	219.3
--Essential Hypertension and Hypertensive Renal Disease	1	7.2	4	23.6	0	0.0	2	21.9
--Cerebrovascular Diseases (Stroke)	8	57.7	12	70.9	7	99.7	10	109.6
--Arteriosclerosis	0	0.0	8	47.3	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	2	14.4	0	0.0	0	0.0	2	21.9
Influenza and Pneumonia	2	14.4	4	23.6	2	28.5	3	32.9
--Influenza	0	0.0	0	0.0	0	0.0	1	11.0
--Pneumonia	2	14.4	4	23.6	2	28.5	2	21.9
Chronic Lower Respiratory Diseases	25	180.3	16	94.6	7	99.7	11	120.6
--Bronchitis, Emphysema and Asthma	0	0.0	2	11.8	0	0.0	0	0.0
Lung Diseases due to External Agents	2	14.4	3	17.7	0	0.0	0	0.0
--Coal Worker's Pneumoconiosis	1	7.2	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	2	14.4	1	5.9	2	28.5	1	11.0
Nephritis, Nephrotic Syndrome and Nephrosis	3	21.6	12	70.9	0	0.0	6	65.8
Congenital Malformations	2	14.4	0	0.0	1	14.2	1	11.0
Ill-Defined and Unknown Causes of Death	5	36.1	1	5.9	0	0.0	0	0.0
Accidents, All Forms	15	108.2	8	47.3	4	57.0	6	65.8
--Motor Vehicle	3	21.6	3	17.7	1	14.2	2	21.9
--Falls	4	28.8	0	0.0	0	0.0	1	11.0
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	0	0.0
--Poisonings	6	43.3	2	11.8	0	0.0	1	11.0
--Other Accidents	2	14.4	3	17.7	3	42.7	2	21.9
Intentional Self-Harm (Suicide)	6	43.3	4	23.6	0	0.0	2	21.9
Assault (Homicide)	1	7.2	0	0.0	0	0.0	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	3	21.6	1	5.9	1	14.2	0	0.0
All Other Causes (Residual)	22	158.7	17	100.5	15	213.6	22	241.2

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2011
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Upshur		Wayne		Webster		Wetzel	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	3	10.9	0	0.0	0	0.0	0	0.0
Total Deaths, All Causes	253	10.4	458	10.9	131	14.3	227	13.9
--Deaths Under One Year	2	7.3	4	10.4	0	0.0	1	5.9
--Deaths Under 28 Days	1	3.6	3	7.8	0	0.0	1	5.9
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	5	20.6	5	11.9	0	0.0	1	6.1
Human Immunodeficiency Virus Infection	1	4.1	1	2.4	0	0.0	0	0.0
Malignant Neoplasms	66	271.4	102	242.1	32	350.0	48	293.6
--of Digestive Organs	7	28.8	22	52.2	6	65.6	8	48.9
----Colon	3	12.3	9	21.4	2	21.9	2	12.2
----Pancreas	2	8.2	4	9.5	2	21.9	1	6.1
--of Respiratory and Intrathoracic Organs	28	115.1	34	80.7	15	164.1	18	110.1
----Trachea, Bronchus and Lung	25	102.8	34	80.7	15	164.1	17	104.0
--of Breast	4	16.4	2	4.7	1	10.9	0	0.0
--of Genitourinary Organs	10	41.1	13	30.9	1	10.9	5	30.6
----Cervix Uteri	1	4.1	0	0.0	0	0.0	0	0.0
----Ovary	1	4.1	2	4.7	0	0.0	1	6.1
----Prostate	4	16.4	4	9.5	1	10.9	1	6.1
----Bladder	1	4.1	2	4.7	0	0.0	1	6.1
--All Other (Malignant Neoplasms)	17	69.9	31	73.6	9	98.4	17	104.0
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	2	8.2	3	7.1	0	0.0	1	6.1
Diabetes Mellitus	10	41.1	21	49.9	3	32.8	13	79.5
Dementia	22	90.5	27	64.1	3	32.8	5	30.6
Alzheimer's Disease	4	16.4	11	26.1	2	21.9	10	61.2
Major Cardiovascular Disease	59	242.6	114	270.6	42	459.4	58	354.7
--Diseases of the Heart	39	160.3	84	199.4	36	393.7	48	293.6
----Ischemic Heart Disease	20	82.2	55	130.6	25	273.4	29	177.4
--Essential Hypertension and Hypertensive Renal Disease	2	8.2	1	2.4	0	0.0	1	6.1
--Cerebrovascular Diseases (Stroke)	14	57.6	28	66.5	6	65.6	7	42.8
--Arteriosclerosis	0	0.0	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	4	16.4	1	2.4	0	0.0	2	12.2
Influenza and Pneumonia	2	8.2	7	16.6	3	32.8	5	30.6
--Influenza	0	0.0	0	0.0	1	10.9	0	0.0
--Pneumonia	2	8.2	7	16.6	2	21.9	5	30.6
Chronic Lower Respiratory Diseases	16	65.8	30	71.2	10	109.4	17	104.0
--Bronchitis, Emphysema and Asthma	1	4.1	3	7.1	1	10.9	0	0.0
Lung Diseases due to External Agents	1	4.1	4	9.5	3	32.8	0	0.0
--Coal Worker's Pneumoconiosis	0	0.0	1	2.4	1	10.9	0	0.0
Chronic Liver Disease and Cirrhosis	2	8.2	6	14.2	3	32.8	2	12.2
Nephritis, Nephrotic Syndrome and Nephrosis	10	41.1	10	23.7	6	65.6	4	24.5
Congenital Malformations	3	12.3	1	2.4	0	0.0	2	12.2
Ill-Defined and Unknown Causes of Death	3	12.3	10	23.7	1	10.9	0	0.0
Accidents, All Forms	12	49.3	40	95.0	6	65.6	9	55.0
--Motor Vehicle	4	16.4	17	40.4	4	43.7	3	18.3
--Falls	2	8.2	2	4.7	1	10.9	1	6.1
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	0	0.0
--Poisonings	3	12.3	19	45.1	1	10.9	2	12.2
--Other Accidents	3	12.3	2	4.7	0	0.0	3	18.3
Intentional Self-Harm (Suicide)	5	20.6	5	11.9	0	0.0	5	30.6
Assault (Homicide)	1	4.1	3	7.1	0	0.0	2	12.2
Injury Undetermined Whether Accidental or Purposely Inflicted	1	4.1	1	2.4	0	0.0	0	0.0
All Other Causes (Residual)	28	115.1	57	135.3	17	185.9	45	275.2

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2011
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Wirt		Wood		Wyoming		Total	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	13	13.1	1	4.0	90	4.3
Total Deaths, All Causes	62	10.8	1,039	11.9	345	14.7	21,870	11.8
--Deaths Under One Year	1	19.2	9	9.1	2	8.0	141	6.8
--Deaths Under 28 Days	0	0.0	5	5.1	2	8.0	86	4.2
Tuberculosis	0	0.0	0	0.0	0	0.0	2	0.1
Septicemia	1	17.4	10	11.5	6	25.6	316	17.0
Human Immunodeficiency Virus Infection	0	0.0	1	1.1	0	0.0	11	0.6
Malignant Neoplasms	13	225.6	225	258.3	73	311.7	4,779	257.6
--of Digestive Organs	1	17.4	51	58.5	17	72.6	1,074	57.9
----Colon	1	17.4	13	14.9	6	25.6	344	18.5
----Pancreas	0	0.0	14	16.1	1	4.3	248	13.4
--of Respiratory and Intrathoracic Organs	6	104.1	76	87.2	23	98.2	1,537	82.8
----Trachea, Bronchus and Lung	5	86.8	74	84.9	23	98.2	1,502	81.0
--of Breast	3	52.1	21	24.1	5	21.4	307	16.5
--of Genitourinary Organs	2	34.7	25	28.7	9	38.4	679	36.6
----Cervix Uteri	0	0.0	1	1.1	2	8.5	51	2.7
----Ovary	0	0.0	8	9.2	1	4.3	115	6.2
----Prostate	0	0.0	6	6.9	2	8.5	191	10.3
----Bladder	0	0.0	2	2.3	2	8.5	107	5.8
--All Other (Malignant Neoplasms)	1	17.4	52	59.7	19	81.1	1,182	63.7
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	10	11.5	0	0.0	111	6.0
Diabetes Mellitus	2	34.7	36	41.3	8	34.2	792	42.7
Dementia	3	52.1	41	47.1	14	59.8	1,009	54.4
Alzheimer's Disease	0	0.0	23	26.4	9	38.4	609	32.8
Major Cardiovascular Disease	18	312.4	410	470.6	81	345.9	6,421	346.1
--Diseases of the Heart	16	277.7	344	394.9	68	290.4	4,921	265.2
----Ischemic Heart Disease	8	138.8	177	203.2	41	175.1	3,143	169.4
--Essential Hypertension and Hypertensive Renal Disease	1	17.4	10	11.5	3	12.8	243	13.1
--Cerebrovascular Diseases (Stroke)	1	17.4	44	50.5	10	42.7	1,047	56.4
--Arteriosclerosis	0	0.0	6	6.9	0	0.0	63	3.4
--Other Diseases of Arteries, Arterioles and Capillaries	0	0.0	6	6.9	0	0.0	147	7.9
Influenza and Pneumonia	2	34.7	21	24.1	3	12.8	455	24.5
--Influenza	0	0.0	0	0.0	0	0.0	25	1.3
--Pneumonia	2	34.7	21	24.1	3	12.8	430	23.2
Chronic Lower Respiratory Diseases	5	86.8	69	79.2	19	81.1	1,572	84.7
--Bronchitis, Emphysema and Asthma	0	0.0	2	2.3	4	17.1	114	6.1
Lung Diseases due to External Agents	0	0.0	5	5.7	2	8.5	186	10.0
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	36	1.9
Chronic Liver Disease and Cirrhosis	2	34.7	11	12.6	6	25.6	277	14.9
Nephritis, Nephrotic Syndrome and Nephrosis	2	34.7	11	12.6	7	29.9	444	23.9
Congenital Malformations	0	0.0	3	3.4	2	8.5	78	4.2
Ill-Defined and Unknown Causes of Death	0	0.0	9	10.3	7	29.9	258	13.9
Accidents, All Forms	5	86.8	48	55.1	52	222.0	1,445	77.9
--Motor Vehicle	2	34.7	19	21.8	11	47.0	377	20.3
--Falls	1	17.4	8	9.2	5	21.4	225	12.1
--Drownings	0	0.0	2	2.3	1	4.3	24	1.3
--Smoke, Fires and Flames	0	0.0	3	3.4	0	0.0	24	1.3
--Poisonings	1	17.4	10	11.5	29	123.8	603	32.5
--Other Accidents	1	17.4	6	6.9	6	25.6	192	10.3
Intentional Self-Harm (Suicide)	1	17.4	6	6.9	4	17.1	309	16.7
Assault (Homicide)	0	0.0	3	3.4	4	17.1	107	5.8
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	2	2.3	2	8.5	80	4.3
All Other Causes (Residual)	8	138.8	95	109.0	46	196.4	2,609	140.6

Marriages by Month of Occurrence
West Virginia by County, 2011

Table 62

County	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Barbour	1	2	7	4	6	4	18	12	15	10	13	10	102
Berkeley	28	25	46	55	67	74	61	43	55	67	52	35	608
Boone	16	15	11	25	22	31	24	21	18	29	16	20	248
Braxton	2	0	1	7	10	12	12	9	10	15	7	7	92
Brooke	7	5	6	8	18	27	20	10	15	16	11	19	162
Cabell	28	30	33	45	71	61	65	59	62	78	54	45	631
Calhoun	2	3	0	4	6	3	9	5	9	5	8	0	54
Clay	3	6	5	8	9	7	13	11	12	4	6	9	93
Doddridge	1	4	4	4	4	7	5	4	8	2	5	1	49
Fayette	14	22	12	24	38	37	46	52	31	41	27	21	365
Gilmer	6	2	1	7	1	4	4	3	8	11	5	1	53
Grant	1	2	2	5	6	12	5	7	14	7	4	5	70
Greenbrier	17	6	17	19	16	38	33	32	39	31	19	10	277
Hampshire	7	4	5	11	11	14	20	12	18	23	5	6	136
Hancock	8	8	14	11	13	15	22	18	15	26	11	12	173
Hardy	2	5	5	4	10	14	9	9	7	11	5	7	88
Harrison	24	25	28	39	47	70	56	48	60	60	42	38	537
Jackson	9	11	4	15	19	17	21	14	21	21	8	13	173
Jefferson	10	7	7	16	42	30	35	26	40	34	22	24	293
Kanawha	60	79	90	100	159	158	159	122	138	172	115	101	1,453
Lewis	4	7	10	6	11	18	14	17	10	14	10	7	128
Lincoln	6	17	6	13	15	26	19	13	12	16	18	9	170
Logan	17	22	22	29	32	26	37	33	19	27	25	21	310
McDowell	7	8	13	19	15	19	28	13	20	12	21	14	189
Marion	14	19	14	30	41	38	54	37	47	40	31	30	395
Marshall	7	6	9	18	25	36	21	22	32	29	15	9	229
Mason	10	10	5	11	25	22	16	20	25	23	19	11	197
Mercer	24	30	42	46	55	63	71	62	63	48	39	35	578
Mineral	5	13	7	13	23	19	24	14	19	11	11	13	172
Mingo	14	13	20	23	21	28	21	21	21	33	31	19	265
Monongalia	21	26	26	38	60	89	100	81	60	67	58	44	670
Monroe	2	3	4	8	10	8	3	3	7	8	5	5	66
Morgan	3	4	4	11	10	14	12	16	9	13	7	5	108
Nicholas	12	8	18	16	16	30	35	21	20	33	21	27	257
Ohio	9	10	12	25	37	31	47	46	41	34	30	18	340
Pendleton	0	1	2	6	5	3	4	3	7	5	2	5	43
Pleasants	1	3	3	3	3	7	8	10	7	7	6	6	64
Pocahontas	1	4	1	3	3	7	8	5	10	3	5	11	61
Preston	9	6	11	20	16	25	20	22	22	22	12	8	193
Putnam	17	20	24	18	36	45	43	51	39	36	28	30	387
Raleigh	38	27	36	50	55	59	82	65	56	70	45	38	621
Randolph	11	13	15	16	18	32	26	23	30	19	11	14	228
Ritchie	2	2	6	10	8	4	9	3	7	7	3	4	65
Roane	4	2	4	8	5	13	19	13	11	15	4	5	103
Summers	3	2	10	12	10	7	8	10	8	9	5	8	92
Taylor	6	5	10	5	8	5	12	9	12	8	10	2	92
Tucker	1	3	2	6	3	8	6	7	3	7	1	9	56
Tyler	4	1	1	5	2	4	7	5	8	9	4	6	56
Upshur	9	9	14	16	25	24	27	17	19	22	13	12	207
Wayne	4	10	12	17	13	20	30	15	24	30	26	10	211
Webster	3	1	7	7	6	8	12	16	9	12	6	6	93
Wetzel	4	8	7	7	8	12	11	10	16	9	8	4	104
Wirt	2	1	1	2	5	3	4	3	4	7	3	0	35
Wood	30	39	38	47	71	76	72	56	62	58	41	49	639
Wyoming	10	9	14	20	18	20	23	24	22	9	13	8	190
Total	560	623	728	995	1,289	1,484	1,570	1,303	1,376	1,435	1,022	886	13,271

Number of Marriages by County
West Virginia, 2007-2011
Table 63

County	2007	2008	2009	2010	2011	County	2007	2008	2009	2010	2011
Barbour	126	116	76	106	102	Monongalia	569	590	619	630	670
Berkeley	544	564	481	529	608	Monroe	74	95	70	71	66
Boone	209	208	201	170	248	Morgan	126	106	104	133	108
Braxton	118	112	97	109	92	Nicholas	213	231	227	237	257
Brooke	162	150	157	148	162	Ohio	414	344	332	348	340
Cabell	663	654	622	620	631	Pendleton	53	57	42	48	43
Calhoun	60	71	72	55	54	Pleasants	65	49	47	49	64
Clay	84	98	97	81	93	Pocahontas	56	75	70	71	61
Doddridge	41	60	45	36	49	Preston	211	199	190	201	193
Fayette	386	395	333	361	365	Putnam	384	337	353	357	387
Gilmer	63	71	67	54	53	Raleigh	661	598	554	635	621
Grant	84	89	77	97	70	Randolph	159	218	208	213	228
Greenbrier	241	264	236	243	277	Ritchie	71	65	53	59	65
Hampshire	120	98	101	95	136	Roane	139	134	102	97	103
Hancock	202	203	179	172	173	Summers	65	75	74	78	92
Hardy	75	77	85	104	88	Taylor	92	116	92	93	92
Harrison	539	533	484	489	537	Tucker	60	72	60	70	56
Jackson	226	219	191	221	173	Tyler	56	53	58	83	56
Jefferson	316	259	252	283	293	Upshur	228	200	180	206	207
Kanawha	1,360	1,439	1,352	1,373	1,453	Wayne	209	216	223	199	211
Lewis	168	146	114	141	128	Webster	74	68	78	77	93
Lincoln	163	150	163	159	170	Wetzel	118	118	114	119	104
Logan	268	263	330	272	310	Wirt	42	35	39	42	35
McDowell	179	174	168	193	189	Wood	731	668	628	576	639
Marion	455	383	435	429	395	Wyoming	213	220	190	162	190
Marshall	243	225	205	220	229	Total	13,308	13,025	12,468	12,662	13,271
Mason	205	192	178	199	197						
Mercer	530	461	525	445	578						
Mineral	154	171	168	171	172						
Mingo	241	241	270	233	265						

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Divorces and Annulments by County of Occurrence
West Virginia, 2011
Table 64

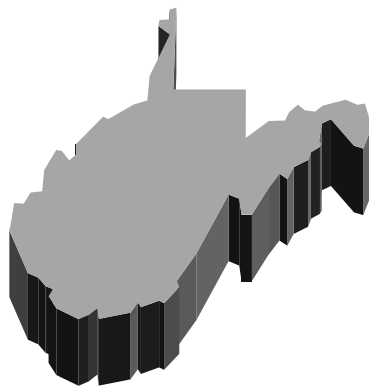
County	Number of Divorces	Number of Annulments	Total	County	Number of Divorces	Number of Annulments	Total
Barbour	88	0	88	Monongalia	277	0	277
Berkeley	445	0	445	Monroe	45	0	45
Boone	154	2	156	Morgan	81	0	81
Braxton	71	0	71	Nicholas	210	1	211
Brooke	104	0	104	Ohio	138	1	139
Cabell	472	2	474	Pendleton	37	0	37
Calhoun	46	0	46	Pleasants	40	0	40
Clay	71	0	71	Pocahontas	44	0	44
Doddridge	34	0	34	Preston	127	0	127
Fayette	275	0	275	Putnam	308	0	308
Gilmer	29	0	29	Raleigh	475	2	477
Grant	55	0	55	Randolph	98	0	98
Greenbrier	226	0	226	Ritchie	48	0	48
Hampshire	113	0	113	Roane	105	0	105
Hancock	158	2	160	Summers	62	0	62
Hardy	68	1	69	Taylor	107	0	107
Harrison	295	0	295	Tucker	34	0	34
Jackson	144	1	145	Tyler	52	0	52
Jefferson	227	0	227	Upshur	150	0	150
Kanawha	1,060	1	1,061	Wayne	285	1	286
Lewis	105	0	105	Webster	56	0	56
Lincoln	112	0	112	Wetzel	87	0	87
Logan	228	0	228	Wirt	34	0	34
McDowell	149	0	149	Wood	522	1	523
Marion	249	0	249	Wyoming	144	0	144
Marshall	141	0	141				
Mason	164	0	164				
Mercer	410	0	410	Total	9,605	15	9,620
Mineral	126	0	126				
Mingo	220	0	220				

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Divorces and Annulments by County of Occurrence
West Virginia, 2007-2011

Table 65

County	2007	2008	2009	2010	2011	County	2007	2008	2009	2010	2011
Barbour	63	106	63	73	88	Monongalia	213	251	257	263	277
Berkeley	348	354	386	391	445	Monroe	70	80	95	80	45
Boone	146	166	185	165	156	Morgan	79	60	82	69	81
Braxton	55	73	63	63	71	Nicholas	157	152	205	223	211
Brooke	97	100	90	107	104	Ohio	125	144	116	149	139
Cabell	412	440	483	511	474	Pendleton	31	24	22	37	37
Calhoun	34	47	36	48	46	Pleasants	49	34	38	43	40
Clay	64	55	94	73	71	Pocahontas	36	56	39	42	44
Doddridge	51	36	32	29	34	Preston	117	125	146	139	127
Fayette	304	278	283	248	275	Putnam	303	355	325	292	308
Gilmer	26	31	37	30	29	Raleigh	417	401	439	463	477
Grant	61	49	67	65	55	Randolph	128	48	109	92	98
Greenbrier	156	180	217	190	226	Ritchie	50	64	50	39	48
Hampshire	93	117	108	121	113	Roane	88	88	80	81	105
Hancock	132	129	138	127	160	Summers	78	107	71	72	62
Hardy	84	73	60	76	69	Taylor	83	91	63	92	107
Harrison	341	304	364	305	295	Tucker	27	27	37	32	34
Jackson	150	105	134	165	145	Tyler	54	35	47	54	52
Jefferson	221	241	241	221	227	Upshur	127	128	113	119	150
Kanawha	1,122	1,026	1,129	1,074	1,061	Wayne	288	241	243	255	286
Lewis	108	102	103	84	105	Webster	59	45	105	60	56
Lincoln	116	87	164	140	112	Wetzel	109	82	68	80	87
Logan	210	224	274	206	228	Wirt	30	29	27	34	34
McDowell	189	147	86	143	149	Wood	462	321	398	486	523
Marion	246	273	176	242	249	Wyoming	154	158	184	146	144
Marshall	203	134	127	142	141						
Mason	167	119	148	208	164	Total	9,305	8,903	9,420	9,431	9,620
Mercer	416	425	439	383	410						
Mineral	143	117	128	140	126						
Mingo	213	219	206	219	220						



West Virginia Vital Statistics
City-Level Data

Number and Rate of Births by City of Residence
West Virginia, 2011
Table 66

30 Most Populated Cities	2011 Population Estimate*	Resident Births	Rate per 1,000 Population
Beckley	17,675	360	20.4
Bluefield	10,482	166	15.8
Bridgeport	8,200	82	10.0
Buckhannon	5,649	86	15.2
Charles Town	5,337	85	15.9
Charleston	51,177	772	15.1
Clarksburg	16,649	234	14.1
Dunbar	7,876	96	12.2
Elkins	7,108	91	12.8
Fairmont	18,764	301	16.0
Grafton	5,171	61	11.8
Huntington	49,253	712	14.5
Hurricane	6,333	111	17.5
Keyser	5,421	78	14.4
Martinsburg	17,487	241	13.8
Morgantown	30,293	450	14.9
Moundsville	9,234	92	10.0
New Martinsville	5,292	57	10.8
Nitro	7,163	104	14.5
Oak Hill	7,672	131	17.1
Parkersburg	31,557	518	16.4
Point Pleasant	4,343	73	16.8
Princeton	6,453	105	16.3
Ranson	4,512	85	18.8
Saint Albans	11,001	170	15.5
South Charleston	13,396	169	12.6
Vienna	10,770	107	9.9
Weirton	19,651	195	9.9
Weston	4,107	69	16.8
Wheeling	28,355	330	11.6

*Census Population Estimates for Incorporated Places in WV

Source: Population Division, U.S. Census Bureau - Release Date: April 1, 2011

West Virginia Bureau for Public Health
Health Statistics Center, 2014

Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2011
Table 67

Selected Causes of Death	Number and Rate by City											
	Beckley		Bluefield		Bridgeport		Buckhannon		Charles Town			
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate		
Fetal Deaths	4	11.1	0	0.0	0	0.0	0	0.0	0	0.0		
Total Deaths, All Causes	361	20.4	194	18.5	91	11.1	89	15.8	53	9.9		
--Deaths Under One Year	2	5.6	1	6.0	0	0.0	0	0.0	0	0.0		
--Deaths Under 28 Days	2	5.6	0	0.0	0	0.0	1	11.6	0	0.0		
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
Septicemia	4	22.6	2	19.1	1	12.2	3	53.1	1	18.7		
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
Malignant Neoplasms	78	441.3	37	353.0	18	219.5	17	300.9	4	74.9		
--of Digestive Organs	15	84.9	7	66.8	5	61.0	2	35.4	1	18.7		
----Colon	8	45.3	4	38.2	1	12.2	1	17.7	0	0.0		
----Pancreas	3	17.0	0	0.0	1	12.2	0	0.0	0	0.0		
--of Respiratory and Intrathoracic Organs	20	113.2	14	133.6	2	24.4	5	88.5	2	37.5		
----Trachea, Bronchus and Lung	19	107.5	13	124.0	2	24.4	4	70.8	2	37.5		
--of Breast	4	22.6	1	9.5	0	0.0	1	17.7	0	0.0		
--of Genitourinary Organs	13	73.6	5	47.7	4	48.8	4	70.8	0	0.0		
----Cervix Uteri	1	5.7	1	9.5	0	0.0	0	0.0	0	0.0		
----Ovary	5	28.3	0	0.0	1	12.2	1	17.7	0	0.0		
----Prostate	2	11.3	1	9.5	1	12.2	3	53.1	0	0.0		
----Bladder	1	5.7	2	19.1	1	12.2	0	0.0	0	0.0		
--All Other (Malignant Neoplasms)	26	147.1	10	95.4	7	85.4	5	88.5	1	18.7		
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	1	5.7	3	28.6	0	0.0	1	17.7	0	0.0		
Diabetes Mellitus	15	84.9	8	76.3	4	48.8	2	35.4	1	18.7		
Dementia	17	96.2	8	76.3	5	61.0	11	194.7	4	74.9		
Alzheimer's Disease	4	22.6	3	28.6	3	28.6	5	88.5	3	56.2		
Major Cardiovascular Disease	93	526.2	72	686.9	32	390.2	21	371.7	24	449.7		
--Diseases of the Heart	73	413.0	52	496.1	23	280.5	12	212.4	19	356.0		
----Ischemic Heart Disease	43	243.3	34	324.4	14	170.7	5	88.5	13	243.6		
----Essential Hypertension and Hypertensive Renal Disease	3	17.0	4	38.2	3	36.6	1	17.7	1	18.7		
--Cerebrovascular Diseases (Stroke)	12	67.9	15	143.1	6	73.2	7	123.9	4	74.9		
--Arteriosclerosis	1	5.7	0	0.0	0	0.0	0	0.0	0	0.0		
--Other Diseases of Arteries, Arterioles and Capillaries	4	22.6	1	9.5	0	0.0	1	17.7	0	0.0		
Influenza and Pneumonia	6	33.9	3	28.6	2	24.4	1	17.7	0	0.0		
--Influenza	1	5.7	0	0.0	1	12.2	0	0.0	0	0.0		
--Pneumonia	5	28.3	3	28.6	1	17.7	1	17.7	0	0.0		
Chronic Lower Respiratory Diseases	31	175.4	9	85.9	7	85.4	9	159.3	5	93.7		
--Bronchitis, Emphysema and Asthma	3	17.0	0	0.0	0	0.0	0	0.0	1	18.7		
Lung Diseases due to External Agents	7	39.6	2	19.1	1	12.2	1	17.7	0	0.0		
--Coal Worker's Pneumoconiosis	2	11.3	0	0.0	0	0.0	0	0.0	0	0.0		
Chronic Liver Disease and Cirrhosis	6	33.9	6	57.2	1	12.2	1	17.7	0	0.0		
Nephritis, Nephrotic Syndrome and Nephrosis	10	56.6	2	19.1	1	12.2	4	70.8	0	0.0		
Congenital Malformations	0	0.0	0	0.0	0	0.0	1	17.7	0	0.0		
Ill-Defined and Unknown Causes of Death	8	45.3	1	9.5	0	0.0	0	0.0	0	0.0		
Accidents, All Forms	23	130.1	15	143.1	6	73.2	4	70.8	2	37.5		
--Motor Vehicle	4	22.6	3	28.6	1	12.2	2	35.4	0	0.0		
--Falls	3	17.0	0	0.0	0	0.0	1	17.7	0	0.0		
--Drownings	0	0.0	1	9.5	0	0.0	0	0.0	0	0.0		
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
--Poisonings	15	84.9	9	85.9	4	48.8	0	0.0	0	0.0		
--Other Accidents	1	5.7	2	19.1	1	12.2	1	17.7	2	37.5		
Intentional Self-Harm (Suicide)	7	39.6	1	9.5	0	0.0	0	0.0	0	0.0		
Assault (Homicide)	1	5.7	3	28.6	0	0.0	0	0.0	0	0.0		
Injury Undetermined Whether Accidental or Purposely Inflicted	4	22.6	1	9.5	0	0.0	0	0.0	0	0.0		
All Other Causes (Residual)	46	260.3	18	171.7	8	97.6	10	177.0	6	112.4		

*Rates for total deaths are per 1,000 population. Rates for fetal deaths, deaths under 1 year and deaths under 28 days are per 1,000 live births. All other rates are per 100,000 population unless otherwise noted.

Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2011
Table 67 (Cont'd)

Selected Causes of Death	Number and Rate by City											
	Charleston		Clarksburg		Dunbar		Elkins		Fairmont			
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate		
Fetal Deaths	1	1.3	0	0.0	0	0.0	0	0.0	0	0.0		
Total Deaths, All Causes	717	14.0	298	17.9	115	14.6	99	13.9	274	14.6		
--Deaths Under One Year	5	6.5	2	8.5	0	0.0	0	0.0	0	0.0		
--Deaths Under 28 Days	2	2.6	2	8.5	0	0.0	0	0.0	0	0.0		
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
Septicemia	15	29.3	4	24.0	5	63.5	2	28.1	6	32.0		
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
Malignant Neoplasms	141	275.5	64	384.4	26	330.1	13	182.9	49	261.1		
--of Digestive Organs	34	66.4	18	108.1	5	63.5	2	28.1	14	74.6		
----Colon	13	25.4	7	42.0	1	12.7	0	0.0	4	21.3		
----Pancreas	7	13.7	1	6.0	1	12.7	2	28.1	3	16.0		
--of Respiratory and Intrathoracic Organs	36	70.3	19	114.1	5	63.5	6	84.4	17	90.6		
----Trachea, Bronchus and Lung	36	70.3	19	114.1	5	63.5	6	84.4	16	85.3		
--of Breast	10	19.5	2	12.0	3	38.1	2	28.1	3	16.0		
--of Genitourinary Organs	22	43.0	9	54.1	7	88.9	1	14.1	7	37.3		
----Cervix Uteri	4	7.8	0	0.0	0	0.0	0	0.0	0	0.0		
----Ovary	4	7.8	3	18.0	2	25.4	0	0.0	0	0.0		
----Prostate	3	5.9	4	24.0	2	25.4	0	0.0	2	10.7		
----Bladder	4	7.8	1	6.0	1	12.7	0	0.0	1	5.3		
--All Other (Malignant Neoplasms)	2	3.9	16	96.1	6	76.2	2	28.1	8	42.6		
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	39	76.2	16	96.1	6	76.2	0	0.0	1	5.3		
Diabetes Mellitus	22	43.0	11	66.1	4	50.8	4	56.3	12	64.0		
Dementia	59	115.3	9	54.1	3	38.1	2	28.1	21	111.9		
Alzheimer's Disease	30	58.6	14	84.1	5	63.5	4	56.3	5	26.6		
Major Cardiovascular Disease	206	402.5	96	576.6	30	380.9	34	478.3	82	437.0		
--Diseases of the Heart	138	269.7	76	456.5	19	241.2	24	337.6	67	357.1		
----Ischemic Heart Disease	91	177.8	39	234.2	13	165.1	13	182.9	44	234.5		
----Essential Hypertension and Hypertensive Renal Disease	13	25.4	2	12.0	1	12.7	0	0.0	3	16.0		
----Cerebrovascular Diseases (Stroke)	48	93.8	17	102.1	8	101.6	10	140.7	11	58.6		
--Arteriosclerosis	2	3.9	1	6.0	0	0.0	0	0.0	0	0.0		
--Other Diseases of Arteries, Arterioles and Capillaries	5	9.8	0	0.0	2	25.4	0	0.0	1	5.3		
Influenza and Pneumonia	23	44.9	5	30.0	3	38.1	1	14.1	2	10.7		
--Influenza	3	5.9	0	0.0	0	0.0	0	0.0	0	0.0		
--Pneumonia	20	39.1	5	30.0	3	38.1	1	14.1	2	10.7		
Chronic Lower Respiratory Diseases	39	76.2	17	102.1	10	127.0	9	126.6	19	101.3		
--Bronchitis, Emphysema and Asthma	2	3.9	0	0.0	0	0.0	1	14.1	0	0.0		
Lung Diseases due to External Agents	5	9.8	3	18.0	1	12.7	3	42.2	3	16.0		
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
Chronic Liver Disease and Cirrhosis	8	15.6	8	48.1	3	38.1	1	14.1	4	21.3		
Nephritis, Nephrotic Syndrome and Nephrosis	16	31.3	0	0.0	1	12.7	4	56.3	10	53.3		
Congenital Malformations	2	3.9	1	6.0	0	0.0	0	0.0	1	5.3		
Ill-Defined and Unknown Causes of Death	5	9.8	4	24.0	2	25.4	1	14.1	5	26.6		
Accidents, All Forms	36	70.3	16	96.1	6	76.2	4	56.3	17	90.6		
--Motor Vehicle	5	9.8	2	12.0	0	0.0	0	0.0	4	21.3		
----Falls	8	15.6	3	18.0	2	25.4	2	28.1	5	26.6		
----Drownings	1	2.0	1	6.0	0	0.0	0	0.0	1	5.3		
----Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
--Poisonings	21	41.0	6	36.0	4	50.8	2	28.1	4	21.3		
--Other Accidents	1	2.0	4	24.0	0	0.0	0	0.0	3	16.0		
Intentional Self-Harm (Suicide)	6	11.7	1	6.0	1	12.7	2	28.1	4	21.3		
Assault (Homicide)	2	3.9	0	0.0	0	0.0	2	28.1	0	0.0		
Injury Undetermined Whether Accidental or Purposely Inflicted	2	3.9	1	6.0	1	12.7	0	0.0	0	0.0		
All Other Causes (Residual)	98	191.5	43	258.3	14	177.8	12	168.8	33	175.9		

*Rates for total deaths are per 1,000 population. Rates for fetal deaths, deaths under 1 year and deaths under 28 days are per 1,000 live births. All other rates are per 100,000 population unless otherwise noted.

Selected Causes of Resident Deaths: Number and Rate* by City
 West Virginia, 2011
 Table 67 (Cont'd)

Selected Causes of Death	Number and Rate by City											
	Grafton		Huntington		Hurricane		Keyser		Martinsburg			
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	1	1.4	0	0.0	0	0.0	0	0.0	2	8.3
Total Deaths, All Causes	100	19.3	664	13.5	86	13.6	52	9.6	237	13.6	4	16.6
--Deaths Under One Year	0	0.0	5	7.0	2	18.0	0	0.0	0	0.0	2	8.3
--Deaths Under 28 Days	0	0.0	2	2.8	0	0.0	0	0.0	0	0.0	1	5.7
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9	51.5
Septicemia	1	19.3	9	18.3	0	0.0	0	0.0	0	0.0	0	0.0
Human Immunodeficiency Virus Infection	0	0.0	1	2.0	0	0.0	0	0.0	0	0.0	56	320.2
Malignant Neoplasms	18	348.1	120	243.6	20	315.8	14	258.3	10	57.2	10	57.2
--of Digestive Organs	2	38.7	24	48.7	2	31.6	5	92.2	5	92.2	3	17.2
----Colon	0	0.0	11	22.3	1	18.4	1	18.4	1	18.4	4	22.9
----Pancreas	1	19.3	5	10.2	1	15.8	1	18.4	1	18.4	4	22.9
--of Respiratory and Intrathoracic Organs	9	174.0	43	87.3	7	110.5	3	55.3	26	148.7	25	143.0
----Trachea, Bronchus and Lung	9	174.0	43	87.3	7	110.5	3	55.3	25	143.0	3	17.2
--of Breast	1	19.3	7	14.2	3	47.4	0	0.0	3	17.2	6	34.3
--of Genitourinary Organs	3	58.0	23	46.7	3	47.4	2	36.9	2	36.9	1	5.7
----Cervix Uteri	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
----Ovary	2	38.7	7	14.2	1	15.8	0	0.0	0	0.0	0	0.0
----Prostate	1	19.3	5	10.2	0	0.0	1	18.4	2	11.4	2	11.4
----Bladder	1	19.3	23	46.7	5	79.0	0	0.0	2	11.4	11	62.9
--All Other (Malignant Neoplasms)	3	58.0	7	14.2	0	0.0	4	73.8	1	5.7	4	22.9
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	28.6
Diabetes Mellitus	2	38.7	28	56.8	8	126.3	3	55.3	5	28.6	3	18.7
Dementia	2	38.7	32	65.0	8	126.3	3	55.3	5	28.6	3	18.7
Alzheimer's Disease	3	58.0	29	58.9	2	31.6	2	36.9	3	17.2	74	423.2
Major Cardiovascular Disease	37	715.5	180	365.5	31	489.5	16	295.1	16	295.1	55	314.5
--Diseases of the Heart	25	483.5	130	263.9	25	394.8	11	202.9	11	202.9	33	188.7
----Ischemic Heart Disease	18	348.1	80	162.4	16	252.6	6	110.7	6	110.7	2	11.4
----Essential Hypertension and Hypertensive Renal Disease	3	58.0	4	8.1	1	15.8	3	55.3	3	17.2	16	91.5
----Cerebrovascular Diseases (Stroke)	6	116.0	41	83.2	4	63.2	1	18.4	1	5.7	1	5.7
--Arteriosclerosis	3	58.0	1	2.0	0	0.0	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	0	0.0	4	8.1	0	0.0	1	18.4	1	18.4	5	28.6
Influenza and Pneumonia	2	38.7	9	18.3	3	47.4	0	0.0	0	0.0	0	0.0
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	2	38.7	9	18.3	3	47.4	0	0.0	0	0.0	0	0.0
Chronic Lower Respiratory Diseases	11	212.7	54	109.6	7	110.5	3	55.3	18	102.9	2	11.4
--Bronchitis, Emphysema and Asthma	1	19.3	7	14.2	0	0.0	1	18.4	2	11.4	0	0.0
Lung Diseases due to External Agents	2	38.7	3	6.1	1	15.8	1	18.4	0	0.0	0	0.0
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	1	19.3	13	26.4	2	31.6	0	0.0	1	5.7	5	28.6
Nephritis, Nephrotic Syndrome and Nephrosis	5	96.7	16	32.5	1	15.8	2	36.9	2	11.4	15	85.8
Congenital Malformations	0	0.0	1	2.0	0	0.0	0	0.0	0	0.0	3	17.2
Ill-Defined and Unknown Causes of Death	1	19.3	18	36.5	3	47.4	5	92.2	15	85.8	0	0.0
Accidents, All Forms	3	58.0	43	87.3	3	47.4	1	18.4	3	17.2	0	0.0
--Motor Vehicle	1	19.3	0	0.0	0	0.0	1	18.4	0	0.0	0	0.0
--Falls	0	0.0	11	22.3	2	31.6	1	18.4	0	0.0	0	0.0
--Drownings	0	0.0	0	0.0	0	0.0	1	18.4	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	1	2.0	0	0.0	0	0.0	0	0.0	0	0.0
--Poisonings	0	0.0	26	52.8	1	15.8	1	18.4	9	51.5	3	17.2
--Other Accidents	2	38.7	5	10.2	0	0.0	1	18.4	0	0.0	5	28.6
Intentional Self-Harm (Suicide)	1	19.3	8	16.2	0	0.0	0	0.0	0	0.0	0	0.0
Assault (Homicide)	0	0.0	4	8.1	0	0.0	0	0.0	0	0.0	1	5.7
Injury Undetermined Whether Accidental or Purposely Inflicted	1	19.3	4	8.1	0	0.0	0	0.0	0	0.0	1	5.7
All Other Causes (Residual)	10	193.4	85	172.6	8	126.3	5	92.2	32	183.0	32	183.0

*Rates for total deaths are per 1,000 population. Rates for fetal deaths, deaths under 1 year and deaths under 28 days are per 1,000 live births. All other rates are per 100,000 population unless otherwise noted.
 West Virginia Bureau for Public Health
 Health Statistics Center, 2014

Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2011
Table 67 (Cont'd)

Selected Causes of Death	Number and Rate by City											
	Morgantown		Moundsville		New Martinsville		Nitro		Oak Hill			
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	3	6.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Deaths, All Causes	244	8.1	152	16.5	90	17.0	111	15.5	94	12.3		
--Deaths Under One Year	3	6.7	1	10.9	0	0.0	1	9.6	0	0.0		
--Deaths Under 28 Days	3	6.7	1	10.9	0	0.0	0	0.0	0	0.0		
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
Septicemia	2	6.6	0	0.0	1	18.9	2	27.9	2	26.1		
Human Immunodeficiency Virus Infection	1	3.3	0	0.0	0	0.0	0	0.0	0	0.0		
Malignant Neoplasms	50	165.1	32	346.5	11	207.9	31	432.8	19	247.7		
--of Digestive Organs	16	52.8	9	97.5	2	37.8	11	153.6	6	78.2		
----Colon	2	6.6	2	21.7	0	0.0	4	55.8	2	26.1		
----Pancreas	7	23.1	1	10.8	1	18.9	3	41.9	2	26.1		
--of Respiratory and Intrathoracic Organs	13	42.9	12	130.0	5	94.5	8	111.7	4	52.1		
----Trachea, Bronchus and Lung	13	42.9	12	130.0	5	94.5	8	111.7	4	52.1		
--of Breast	7	23.1	3	32.5	0	0.0	2	27.9	2	26.1		
--of Genitourinary Organs	8	26.4	3	32.5	0	0.0	4	55.8	4	52.1		
----Cervix Uteri	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
----Ovary	0	0.0	1	10.8	0	0.0	0	0.0	0	0.0		
----Prostate	3	9.9	2	21.7	0	0.0	3	41.9	2	26.1		
----Bladder	1	3.3	0	0.0	0	0.0	0	0.0	0	0.0		
--All Other (Malignant Neoplasms)	6	19.8	5	54.1	4	75.6	6	83.8	3	39.1		
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	2	6.6	2	21.7	0	0.0	1	14.0	1	13.0		
Diabetes Mellitus	7	23.1	7	75.8	8	151.2	2	27.9	5	65.2		
Dementia	13	42.9	1	10.8	1	18.9	8	111.7	1	13.0		
Alzheimer's Disease	12	39.6	6	65.0	4	75.6	1	14.0	3	39.1		
Major Cardiovascular Disease	72	237.7	55	595.6	23	434.6	26	363.0	27	351.9		
--Diseases of the Heart	54	178.3	43	465.7	16	302.3	17	237.3	19	247.7		
----Ischemic Heart Disease	34	112.2	36	389.9	9	170.1	11	153.6	14	182.5		
----Essential Hypertension and Hypertensive Renal Disease	5	16.5	0	0.0	1	18.9	6	83.8	1	13.0		
----Cerebrovascular Diseases (Stroke)	11	36.3	11	119.1	5	94.5	3	41.9	4	52.1		
--Arteriosclerosis	0	0.0	1	10.8	0	0.0	0	0.0	0	0.0		
--Other Diseases of Arteries, Arterioles and Capillaries	2	6.6	0	0.0	1	18.9	0	0.0	3	39.1		
Influenza and Pneumonia	10	33.0	8	86.6	2	37.8	0	0.0	1	13.0		
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
--Pneumonia	10	33.0	8	86.6	2	37.8	0	0.0	1	13.0		
Chronic Lower Respiratory Diseases	14	46.2	8	86.6	7	132.3	5	69.8	6	78.2		
--Bronchitis, Emphysema and Asthma	1	3.3	0	0.0	0	0.0	0	0.0	0	0.0		
Lung Diseases due to External Agents	5	16.5	1	10.8	0	0.0	1	14.0	2	26.1		
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0	2	26.1		
Chronic Liver Disease and Cirrhosis	0	0.0	2	21.7	1	18.9	2	27.9	1	13.0		
Nephritis, Nephrotic Syndrome and Nephrosis	6	19.8	3	32.5	0	0.0	2	27.9	1	13.0		
Congenital Malformations	1	3.3	0	0.0	1	18.9	0	0.0	0	0.0		
Ill-Defined and Unknown Causes of Death	1	3.3	0	0.0	0	0.0	1	14.0	0	0.0		
Accidents, All Forms	12	39.6	8	86.6	6	113.4	12	167.5	7	91.2		
--Motor Vehicle	1	3.3	1	10.8	2	37.8	2	27.9	0	0.0		
--Falls	4	13.2	2	21.7	1	18.9	2	27.9	2	26.1		
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
--Smoke, Fires and Flames	1	3.3	0	0.0	0	0.0	0	0.0	0	0.0		
--Poisonings	2	6.6	4	43.3	1	18.9	6	83.8	4	52.1		
--Other Accidents	4	13.2	1	10.8	2	37.8	2	27.9	1	13.0		
Intentional Self-Harm (Suicide)	5	16.5	1	10.8	3	56.7	1	14.0	0	0.0		
Assault (Homicide)	1	3.3	1	10.8	0	0.0	0	0.0	1	13.0		
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
All Other Causes (Residual)	30	99.0	17	184.1	22	415.7	16	223.4	16	208.6		

*Rates for total deaths are per 1,000 population. Rates for fetal deaths, deaths under 1 year and deaths under 28 days are per 1,000 live births. All other rates are per 100,000 population unless otherwise noted.

Selected Causes of Resident Deaths: Number and Rate* by City
 West Virginia, 2011
 Table 67 (Cont'd)

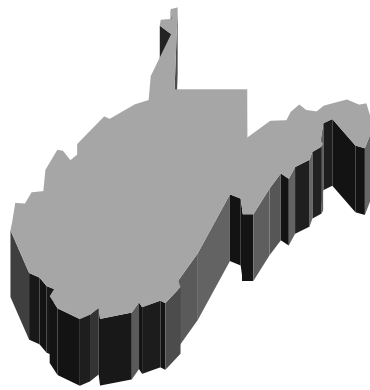
Selected Causes of Death	Number and Rate by City											
	Parkersburg		Point Pleasant		Princeton		Ranson		Saint Albans		Rate	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate		
Fetal Deaths	8	15.4	0	0.0	0	0.0	0	0.0	0	0.0	5.9	
Total Deaths, All Causes	494	15.7	55	12.7	105	16.3	29	6.4	191	17.4	17.4	
--Deaths Under One Year	7	13.5	0	0.0	0	0.0	0	0.0	0	0.0	0.0	
--Deaths Under 28 Days	3	5.8	0	0.0	0	0.0	0	0.0	0	0.0	0.0	
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0	
Septicemia	6	19.0	0	0.0	1	15.5	0	0.0	2	18.2	18.2	
Human Immunodeficiency Virus Infection	1	3.2	0	0.0	0	0.0	0	0.0	0	0.0	0.0	
Malignant Neoplasms	102	323.2	11	253.3	13	201.5	8	177.3	39	354.5	354.5	
--of Digestive Organs	20	63.4	1	23.0	7	108.5	2	44.3	4	36.4	36.4	
----Colon	7	22.2	0	0.0	2	31.0	0	0.0	1	9.1	9.1	
----Pancreas	5	15.8	1	23.0	1	15.5	1	22.2	2	18.2	18.2	
--of Respiratory and Intrathoracic Organs	36	114.1	5	115.1	4	62.0	2	44.3	16	145.4	145.4	
----Trachea, Bronchus and Lung	36	114.1	5	115.1	4	62.0	2	44.3	15	136.4	136.4	
--of Breast	10	31.7	1	23.0	0	0.0	0	0.0	3	27.3	27.3	
--of Genitourinary Organs	10	31.7	3	69.1	0	0.0	1	22.2	9	81.8	81.8	
----Cervix Uteri	1	3.2	1	23.0	0	0.0	1	22.2	1	9.1	9.1	
----Ovary	3	9.5	0	0.0	0	0.0	0	0.0	1	9.1	9.1	
----Prostate	1	3.2	0	0.0	0	0.0	0	0.0	4	36.4	36.4	
----Bladder	1	3.2	1	23.0	0	0.0	0	0.0	0	0.0	0.0	
--All Other (Malignant Neoplasms)	26	82.4	1	23.0	2	31.0	3	66.5	7	63.6	63.6	
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	6	19.0	1	23.0	0	0.0	0	0.0	0	0.0	0.0	
Diabetes Mellitus	17	53.9	2	46.1	7	108.5	0	0.0	5	45.5	45.5	
Dementia	7	21.5	0	0.0	8	124.0	0	0.0	19	172.7	172.7	
Alzheimer's Disease	15	47.5	2	46.1	2	31.0	2	44.3	6	54.5	54.5	
Major Cardiovascular Disease	210	665.5	16	368.4	32	495.9	10	221.6	42	381.8	381.8	
--Diseases of the Heart	182	576.7	12	276.3	24	371.9	8	177.3	33	300.0	300.0	
----Ischemic Heart Disease	86	272.5	7	161.2	14	217.0	5	110.8	20	181.8	181.8	
----Essential Hypertension and Hypertensive Renal Disease	6	19.0	0	0.0	3	46.5	0	0.0	2	18.2	18.2	
----Cerebrovascular Diseases (Stroke)	17	53.9	3	69.1	4	62.0	1	22.2	4	36.4	36.4	
--Arteriosclerosis	3	9.5	0	0.0	0	0.0	1	22.2	3	27.3	27.3	
--Other Diseases of Arteries, Arterioles and Capillaries	2	6.3	1	23.0	1	15.5	0	0.0	0	0.0	0.0	
Influenza and Pneumonia	11	34.9	0	0.0	3	46.5	1	22.2	6	54.5	54.5	
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0	
--Pneumonia	11	34.9	0	0.0	3	46.5	1	22.2	6	54.5	54.5	
Chronic Lower Respiratory Diseases	26	82.4	3	69.1	18	278.9	3	66.5	15	136.4	136.4	
--Bronchitis, Emphysema and Asthma	0	0.0	1	23.0	1	15.5	0	0.0	0	0.0	0.0	
Lung Diseases due to External Agents	3	9.5	1	23.0	0	0.0	0	0.0	0	0.0	0.0	
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0	
Chronic Liver Disease and Cirrhosis	6	19.0	0	0.0	0	0.0	0	0.0	7	63.6	63.6	
Nephritis, Nephrotic Syndrome and Nephrosis	5	15.8	0	0.0	3	46.5	0	0.0	6	54.5	54.5	
Congenital Malformations	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0	
Ill-Defined and Unknown Causes of Death	4	12.7	2	46.1	1	15.5	0	0.0	0	0.0	0.0	
Accidents, All Forms	24	76.1	3	69.1	6	93.0	0	0.0	13	118.2	118.2	
--Motor Vehicle	6	19.0	1	23.0	0	0.0	0	0.0	2	18.2	18.2	
--Falls	3	9.5	1	23.0	2	31.0	0	0.0	3	27.3	27.3	
--Drownings	2	6.3	0	0.0	0	0.0	0	0.0	0	0.0	0.0	
--Smoke, Fires and Flames	2	6.3	0	0.0	0	0.0	0	0.0	0	0.0	0.0	
--Poisonings	8	25.4	0	0.0	4	62.0	0	0.0	5	45.5	45.5	
--Other Accidents	3	9.5	1	23.0	0	0.0	0	0.0	3	27.3	27.3	
Intentional Self-Harm (Suicide)	2	6.3	0	0.0	0	0.0	0	0.0	0	0.0	0.0	
Assault (Homicide)	0	0.0	2	46.1	0	0.0	0	0.0	2	18.2	18.2	
Injury Undetermined Whether Accidental or Purposely Inflicted	2	6.3	1	23.0	0	0.0	1	22.2	0	0.0	0.0	
All Other Causes (Residual)	47	148.9	11	253.3	10	155.0	3	66.5	25	227.3	227.3	

*Rates for total deaths are per 1,000 population. Rates for fetal deaths, deaths under 1 year and deaths under 28 days are per 1,000 live births. All other rates are per 100,000 population unless otherwise noted.

Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2011
Table 67 (Cont'd)

Selected Causes of Death	Number and Rate by City											
	South Charleston		Vienna		Weirton		Weston		Wheeling		Rate	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate		
Fetal Deaths	1	5.9	3	28.0	0	0.0	0	0.0	2	6.1	0.0	
Total Deaths, All Causes	176	13.1	126	11.7	208	10.6	57	13.9	463	16.3	14.5	
--Deaths Under One Year	1	5.9	1	9.3	1	5.1	1	14.5	3	9.1	14.5	
--Deaths Under 28 Days	1	5.9	1	9.3	1	5.1	0	0.0	0	0.0	14.1	
Tuberculosis	0	0.0	0	0.0	7	35.6	2	48.7	4	14.1	0.0	
Septicemia	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0	
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0	
Malignant Neoplasms	36	268.7	21	195.0	35	178.1	12	292.2	95	335.0	91.7	
--of Digestive Organs	9	67.2	3	27.9	12	61.1	3	73.0	26	91.7	24.7	
----Colon	3	22.4	1	9.3	4	20.4	0	0.0	7	24.7	14.1	
----Pancreas	0	0.0	1	9.3	3	15.3	1	24.3	4	14.1	14.1	
--of Respiratory and Intrathoracic Organs	8	59.7	8	74.3	10	50.9	8	194.8	26	91.7	194.8	
----Trachea, Bronchus and Lung	8	59.7	8	74.3	10	50.9	8	194.8	26	91.7	194.8	
--of Breast	3	22.4	1	9.3	1	5.1	0	0.0	4	14.1	0.0	
--of Genitourinary Organs	5	37.3	3	27.9	4	20.4	0	0.0	16	56.4	0.0	
----Cervix Uteri	1	7.5	0	0.0	1	5.1	0	0.0	0	0.0	0.0	
----Ovary	1	7.5	1	9.3	1	5.1	0	0.0	7	24.7	0.0	
----Prostate	1	7.5	1	9.3	1	5.1	0	0.0	4	14.1	0.0	
----Bladder	1	7.5	0	0.0	0	0.0	0	0.0	1	3.5	0.0	
--All Other (Malignant Neoplasms)	11	82.1	6	55.7	8	40.7	1	24.3	23	81.1	14.1	
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	0	0.0	0	0.0	0	0.0	4	14.1	0.0	
Diabetes Mellitus	5	37.3	4	37.1	10	50.9	1	24.3	15	52.9	0.0	
Dementia	22	164.2	4	37.1	15	76.3	1	24.3	27	95.2	38.8	
Alzheimer's Disease	6	44.8	5	46.4	5	25.4	2	48.7	11	38.8	550.2	
Major Cardiovascular Disease	43	321.0	59	547.8	71	361.3	20	487.0	156	550.2	387.9	
--Diseases of the Heart	32	238.9	51	473.5	57	290.1	15	365.2	110	387.9	253.9	
----Ischemic Heart Disease	22	164.2	26	241.4	29	147.6	10	243.5	72	282.2	116.4	
----Essential Hypertension and Hypertensive Renal Disease	0	0.0	1	9.3	1	5.1	1	24.3	8	28.2	0.0	
--Cerebrovascular Diseases (Stroke)	8	59.7	5	46.4	9	45.8	3	73.0	33	116.4	10.6	
--Arteriosclerosis	1	7.5	1	9.3	1	5.1	0	0.0	3	10.6	0.0	
--Other Diseases of Arteries, Arterioles and Capillaries	2	14.9	1	9.3	3	15.3	1	24.3	2	7.1	0.0	
Influenza and Pneumonia	3	22.4	2	18.6	9	45.8	2	48.7	4	14.1	0.0	
--Influenza	1	7.5	0	0.0	0	0.0	0	0.0	0	0.0	0.0	
--Pneumonia	2	14.9	2	18.6	9	45.8	2	48.7	4	14.1	0.0	
Chronic Lower Respiratory Diseases	15	112.0	8	74.3	11	56.0	6	146.1	38	134.0	7.1	
--Bronchitis, Emphysema and Asthma	0	0.0	1	9.3	0	0.0	0	0.0	2	7.1	0.0	
Lung Diseases due to External Agents	2	14.9	0	0.0	1	5.1	0	0.0	2	7.1	0.0	
--Coal Worker's Pneumoconiosis	1	7.5	0	0.0	0	0.0	0	0.0	0	0.0	0.0	
Chronic Liver Disease and Cirrhosis	6	44.8	4	37.1	5	25.4	0	0.0	4	14.1	28.2	
Nephritis, Nephrotic Syndrome and Nephrosis	1	9.3	1	9.3	3	15.3	3	73.0	4	14.1	3.5	
Congenital Malformations	2	14.9	1	9.3	6	30.5	0	0.0	1	3.5	52.9	
Ill-Defined and Unknown Causes of Death	4	29.9	0	0.0	6	35.6	2	48.7	15	52.9	10.6	
Accidents, All Forms	8	59.7	6	55.7	7	35.6	2	48.7	15	52.9	10.6	
--Motor Vehicle	1	7.5	3	27.9	2	10.2	1	24.3	2	7.1	0.0	
--Falls	0	0.0	1	9.3	2	10.2	0	0.0	3	10.6	0.0	
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0	
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0	
--Poisonings	3	22.4	1	9.3	2	10.2	1	24.3	6	21.2	17.6	
--Other Accidents	4	29.9	1	9.3	2	10.2	0	0.0	3	10.6	0.0	
Intentional Self-Harm (Suicide)	3	22.4	1	9.3	0	0.0	1	24.3	5	17.6	0.0	
Assault (Homicide)	1	7.5	1	9.3	0	0.0	0	0.0	2	7.1	0.0	
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	1	5.1	0	0.0	1	3.5	0.0	
All Other Causes (Residual)	14	104.5	9	83.6	21	106.9	5	121.7	70	246.9	0.0	

*Rates for total deaths are per 1,000 population. Rates for fetal deaths, deaths under 1 year and deaths under 28 days are per 1,000 live births. All other rates are per 100,000 population unless otherwise noted.

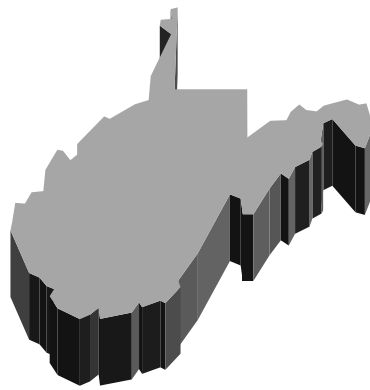


West Virginia Vital Statistics

Appendix A:
ICD-10 Codes

APPENDIX A
GROUPINGS OF ICD-10 CODES

<u>ICD-10 CODE</u>	<u>SELECTED CAUSE</u>
A15-A19	Tuberculosis
A40-A41	Septicemia
B20-B24	Human Immunodeficiency Virus Infection
C00-C97	Malignant Neoplasms
C15-C26	====of Digestive Organs
C18	====of Colon
C25	====of Pancreas
C30-C39	====of Respiratory and Intrathoracic Organs
C33-C34	====Trachea, Bronchus and Lung
C50	==of Breast
C51-C68	==of Genitourinary Organs
C53	====Cervix Uteri
C56	====Ovary
C61	====Prostate
C67	====Bladder
	====All Other (Malignant Neoplasms)
D00-D48	Benign Neoplasms, Carcinoma in Situ and Neoplasms of Unspecified Nature
E10-E14	Diabetes Mellitus
F01, F03	Dementia
G30	Alzheimer's Disease
I00-I78	Major Cardiovascular Diseases
I00-I09, I11, I13,	
I20-I51	====Diseases of the Heart
I20-I25	====Ischemic Heart Disease
I10, I12	====Essential Hypertension and Hypertensive Renal Disease
I60-I69	====Cerebrovascular Disease
I70	====Arteriosclerosis
I71-I78	====Other Diseases of the Arteries, Arterioles and Capillaries
J09-J18	Influenza and Pneumonia
J09-J11	====Influenza
J12-J18	====Pneumonia
J40-J47	Chronic Lower Respiratory Diseases
J40-J43, J45-J46	====Bronchitis, Emphysema and Asthma
J60-J70	Lung Diseases Due to External Agents
J60	====Coal Worker's Pneumoconiosis
K70, K73-K74	Chronic Liver Disease and Cirrhosis
N00-N07, N17-N19,	
N25-N27	Nephritis, Nephrotic Syndrome and Nephrosis
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities
R95-R99	Ill-Defined and Unknown Causes of Death
V01-X59,	
Y85-Y86	Accidents
V02-V04,V09.0,V09.2,V12-V14,V19.0-V19.2, V19.4-V19.6,V20-V79,	
V80.3-V80.5,V81.0-V81.1,V82.0-V82.1,V83-V86,V87.0-V87.8, V88.0-V88.8,	
V89.0,V89.2	====Motor Vehicle
W00-W19	====Falls
X00-X09	====Smoke, Fire and Flames
W65-W74	====Drownings
X40-X49	====Poisonings
	====All Other (Accidents)
X60-X84, Y87.0	Intentional Self-Harm (Suicide)
X85-Y09, Y87.1	Assault (Homicide)
Y10-Y34, Y87.2	Injury Undetermined Whether Accidentally or Purposely Inflicted
	All Other Causes (Residual)



West Virginia Vital Statistics

**Appendix B:
Methodology,
Rates/Ratios,
and Definitions**

APPENDIX B METHODOLOGY

Data used to prepare this report are taken from birth and death certificates, fetal death reports, marriage applications, divorce reports, Induced Terminations of Pregnancy (ITOP) and paternity affidavits occurring in calendar year 2011 and filed in the state office of vital statistics prior to February 18, 2013. Vital events occurring to West Virginia residents in other states and tabulated by June 1, 2013 are also included in totals by residence.

Place of Residence vs. Place of Occurrence

Data on vital events can be reported in two ways: by county of residence or by county of occurrence. For example, 319 births occurred within the geographic confines of Logan County of which only so many were to mothers who reside in Logan County; the remainder reside in other counties or states. Resident births for the county for 2011 totaled 452 which include 216 births that occurred in Logan County and 236 births to Logan County residents that occurred elsewhere. With the exception of Tables 11, 12, 13, 14, 16 and 46 (and Exhibit 9), natality data presented in this report are based on place of residence and resident populations are used to calculate rates.

With the exception of Table 19 and the second page of Table 54, mortality data are similarly reported by place of residence.

Statistical Variation

All statistics contain variations that are the result of chance, error, or omission. This characteristic is of particular importance in classifications of events with small numbers, in which small variations are proportionately large in relation to base figures. For example, small changes in the number of deaths or births in small population areas or in the number of deaths from uncommon causes could result in large changes in the respective rates. For this reason, rates for counties with small populations or other small bases should be used with caution.

Table 31 presents the number of infant deaths by race of mother while the table on page 76 in the summary has the number of infant deaths by race of infant.

Geographic Classification

The county has been used as the basic unit of tabulation throughout this report. Data have also been supplied for public health management districts and for the total state. In some instances, data have been supplied for individual cities.

APPENDIX B (Cont'd)

Cause of Death Classification

The cause of death is coded from information contained in the medical certification section of the death certificate. This portion of the certificate is completed by the attending physician. In the case of unattended death, the medical examiner is responsible for investigation and certification.

Effective in 1999, the National Center for Health Statistics and the World Health Organization adopted the *Tenth Revision of the International Classification of Diseases Adapted for Use in the United States, 1999 (ICD-10)*. The deaths with codes A00 through T98 and Z00-Z99 were coded using the “nature of injury” causes, while those with codes V01 through Y98 were coded using the “external cause” of death. The external codes are used to indicate a death due to an external rather than an internal cause.

In several tables individual causes of death have been grouped into important selected causes of death. See Appendix A, Page 159, “Groupings of ICD-10 Codes,” for a listing of the selected causes of death.

Population

The rates given in this publication were calculated using the 2011 population estimated figures from the U.S. Department of Commerce, Bureau of the Census. This can be found on the Internet at <http://www.census.gov/popest/data/index.html> and then go to American FactFinder which is where detailed population figures are stored.

Forms

The following is a list of the certificates and forms used in obtaining the data used in this publication.

- Certificate of Live Birth
- Physician’s/Medical Examiner’s Certificate of Death
- Report of Fetal Death
- Application for Marriage License
- Monthly Report of Divorces and Annulments of Marriages Granted
- Induced Termination of Pregnancy (ITOP)
- Declaration of Paternity Affidavit

Suggestions and comments on alternate methods of data presentation are welcome. Forward any suggestions to the following address:

Health Statistics Center
350 Capitol Street, Room 165
Charleston, WV 25301-3701
Telephone: (304) 558-9100
FAX: (304) 558-1787
E-Mail: dhhrvitalreg@wv.gov

APPENDIX B (Cont'd) RATES AND RATIOS

The impact of variation must be considered in evaluating categories with small frequencies. For example, a small change in the number of infant deaths in a county can disproportionately affect the infant mortality rate for that county. Rates for cities and counties therefore require special consideration. State rates with larger frequencies provide more accurate data overall.

Rates used in this report are calculated with the estimated 2011 population figures from the U.S. Department of Commerce, Bureau of the Census.

$$\text{Birth Rate (Crude)} = \frac{\text{Number of live births}}{\text{Population}} \times 1,000$$

$$\text{Fertility Rate} = \frac{\text{Number of live births to women aged 15-44}}{\text{Number of women aged 15-44}} \times 1,000$$

$$\text{Teenage Fertility Rate} = \frac{\text{Number of live births to women aged 15-19}}{\text{Number of women aged 15-19}} \times 1,000$$

$$\text{Death Rate (Crude)} = \frac{\text{Number of deaths}}{\text{Population}} \times 1,000$$

$$\text{Cause of Death Rate} = \frac{\text{Number of deaths from a stated cause}}{\text{Population}} \times 100,000$$

$$\text{Infant Death Rate} = \frac{\text{Number of infant deaths}}{\text{Number of live births}} \times 1,000$$

$$\text{Neonatal Death Rate} = \frac{\text{Number of neonatal deaths}}{\text{Number of live births}} \times 1,000$$

$$\text{Fetal Death Ratio} = \frac{\text{Number of fetal deaths}}{\text{Number of live births}} \times 1,000$$

$$\text{Maternal Death Rate} = \frac{\text{Number of maternal deaths}}{\text{Number of live births}} \times 100,000$$

APPENDIX B (Cont'd) DEFINITIONS

BIRTHWEIGHT - The weight of the fetus or infant at the time of delivery.

CAUSE OF DEATH - The underlying cause of death/condition giving rise to the chain of events leading to death.

FETAL DEATH (STILLBIRTH) - Death prior to the complete expulsion or extraction from its mother of a product of conception weighing at least 350 grams or more or having passed through at least the 20th week of gestation if the weight is unknown.

INDUCED TERMINATION OF PREGNANCY (ITOP) - The purposeful interruption of an intrauterine pregnancy with the intention other than to produce a live-born infant that does not result in live birth. This excludes management of prolonged retention of products of conception following fetal death.

INFANT DEATH - The death of a live-born infant before one year of age.

LIVE BIRTH - A live birth is the complete expulsion or extraction from its mother of a result of conception, irrespective of the duration of pregnancy, which, after such separation, breathes or shows any other evidence of life, such as beating of the heart, pulsation of umbilical cord, or definite movement of voluntary muscles.

LOW BIRTHWEIGHT - A weight at birth of less than 2,500 grams or 5 lbs., 8 oz.

MATERNAL DEATH – For the purpose of this publication, it is the death of a woman while pregnant or within 42 days of termination of pregnancy. This is irrespective of the duration and site of the pregnancy or its management but not from accidental or incidental causes. ICD-10 codes A34, O00-O95, O98-O99.

NEONATAL DEATH - The death of a live-born infant that occurs within the first 27 days of life.

OCCURRENCE DATA - Vital statistics compiled on the basis of where the vital event actually occurred.

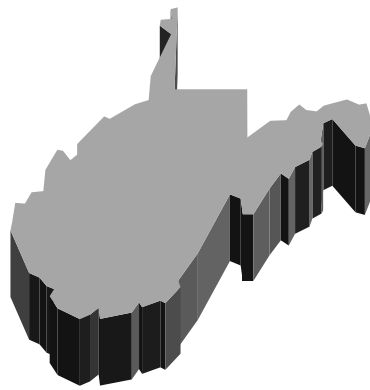
PATERNITY AFFIDAVIT- A legal document signed by both parents declaring the paternity of their child.

POSTNEONATAL DEATH - The death of a live-born infant that occurs after the 27th day of life but before one year of age.

APPENDIX B (Cont'd)

RESIDENCE DATA – Vital statistics compiled on the basis of the usual place of residence of the person(s) to whom the vital event occurred. For births and fetal deaths residence is defined as the mother's usual place of residence.

UNEMANCIPATED MINOR – For the purpose of this publication and reporting of Induced Termination of Pregnancy (ITOP), any person under the age of 18 years who has not graduated from high school and is neither married nor who has been otherwise emancipated.



West Virginia Vital Statistics

Appendix C:

Grams Conversion

APPENDIX C
Converting Pounds/Ounces into Grams

Pounds	Ounces															
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0	-----	28	57	85	113	142	170	198	227	255	284	312	340	369	397	425
1	454	482	510	539	567	595	624	652	680	709	737	765	794	822	851	879
2	907	936	964	992	1,021	1,049	1,077	1,105	1,134	1,162	1,191	1,219	1,247	1,276	1,304	1,332
3	1,361	1,389	1,418	1,446	1,474	1,503	1,531	1,559	1,588	1,616	1,644	1,673	1,701	1,729	1,758	1,786
4	1,814	1,843	1,871	1,899	1,928	1,956	1,985	2,013	2,041	2,070	2,098	2,126	2,155	2,183	2,211	2,240
5	2,268	2,296	2,325	2,353	2,381	2,410	2,438	2,466	2,495	2,523	2,552	2,580	2,608	2,637	2,665	2,693
6	2,722	2,750	2,778	2,807	2,835	2,863	2,892	2,920	2,948	2,977	3,005	3,033	3,062	3,090	3,119	3,147
7	3,175	3,204	3,232	3,260	3,289	3,317	3,345	3,373	3,402	3,430	3,459	3,487	3,515	3,544	3,572	3,600
8	3,629	3,657	3,686	3,714	3,742	3,771	3,799	3,827	3,856	3,884	3,912	3,941	3,969	3,997	4,026	4,054
9	4,082	4,111	4,139	4,167	4,196	4,224	4,253	4,281	4,309	4,338	4,366	4,394	4,423	4,451	4,479	4,508
10	4,536	4,564	4,593	4,621	4,649	4,678	4,706	4,734	4,763	4,791	4,820	4,848	4,876	4,905	4,933	4,961
11	4,990	5,018	5,046	5,075	5,103	5,131	5,160	5,188	5,216	5,245	5,273	5,301	5,330	5,358	5,387	5,415
12	5,443	5,472	5,500	5,528	5,557	5,585	5,613	5,641	5,670	5,698	5,727	5,755	5,783	5,812	5,840	5,868
13	5,897	5,925	5,954	5,982	6,010	6,039	6,067	6,095	6,124	6,152	6,180	6,209	6,237	6,265	6,294	6,322
14	6,350	6,379	6,407	6,435	6,464	6,492	6,521	6,549	6,577	6,606	6,634	6,662	6,691	6,719	6,747	6,776

West Virginia Bureau for Public Health
Health Statistics Center, 2014

