

West Virginia Vital Statistics 2007



June 2009

WEST VIRGINIA
Department of

**Health &
Human
Resources**



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*Joe Manchin III, Governor
Martha Yeager Walker, Secretary*

SIXTY-FIRST ANNUAL REPORT
VITAL HEALTH STATISTICS
OF
WEST VIRGINIA
2007



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WEST VIRGINIA VITAL STATISTICS SUMMARY 2007

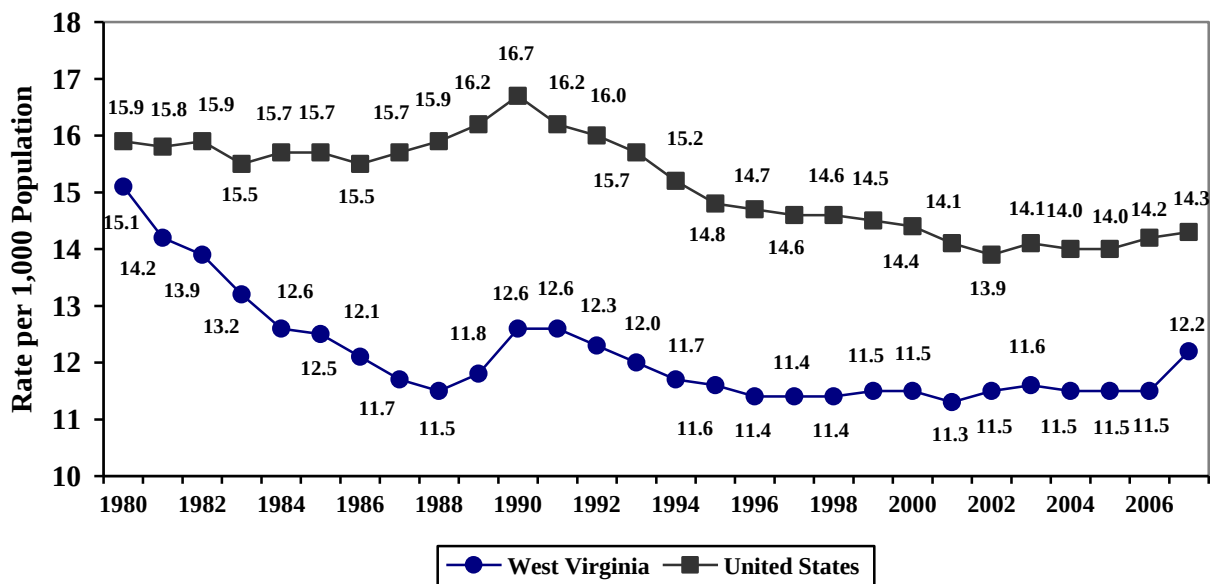
Population

In 2007, 950 West Virginians were added to the total population as a result of natural increase, the excess of births over deaths. The rate of natural increase was 0.5 persons per 1,000 population. Results from the 2007 Census estimate show an overall increase (approximately 0.2%) in the state's population since 2000, from 1,808,344 to 1,812,035. This increase is the result of a slight growth in the excess of in-migration over out-migration during that span, as well as the natural increase.

Live Births

West Virginia's resident live births increased by 1,086 or 5.2%, from 20,931 in 2006 to 22,017 in 2007. The 2007 birth rate also increased 6.1% from 11.5 per 1,000 population in 2006 to 12.2. The U.S. 2007 birth rate was 14.3 live births per 1,000 population rising slightly above the 2006 rate of 14.2. As the graph below shows, West Virginia's birth rate has been below the national rate since 1980. It continued its overall decline until 1996, interrupted by slight upturns in 1989 through 1991. It remained relatively stable from 1996 to 2006 until this year's increase.

**West Virginia and United States Birth Rates
1980-2007**



The 2007 U.S. fertility rate of 69.5 live births per 1,000 women aged 15-44 was slightly higher (1.5%) than the 2006 rate (68.5). West Virginia's fertility rate increased 6.4%, from 59.3 in 2006 to 63.1 in 2007. 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, 2007					
15-19		20-44		Total (15-44)	
WV	U.S.**	WV	U.S.**	WV	U.S.**
47.3	42.5	66.0	74.7	63.1	69.5

* All fertility rates were calculated using 2007 estimates, U.S. Department of Commerce, Bureau of the Census.

**National Center for Health Statistics, http://www.cdc.gov/nchs/data/nvsr/nvsr57/nvsr57_12.pdf

The fertility rate among women aged 15-19 in West Virginia was 11.3% higher than that among young women in the U.S. (47.3 vs. 42.5). The fertility rate among women aged 20-44 was lower by 11.6% in the state than in the nation (66.0 vs. 74.7).

The number of births to teenage mothers (ages 10-19) increased by 135 (5.2%), from 2,602 in 2006 to 2,737 in 2007. The percentage of total births represented by teenage births was the same at 12.4% for 2006 and 2007. The significantly lower fertility rate among older women, however, resulted in teenage births continuing to constitute a higher proportion of total births than was found nationally (10.5% in 2007).

The percentage of births occurring out of wedlock continued to rise in 2007. Now, two of every five (40.3%) West Virginia resident births were to unwed mothers. The percentages of white and black births that occurred out of wedlock in West Virginia in 2007 were 39.2% and 73.4%, respectively, compared to 36.7% and 73.5% in 2006. In the United States in 2006, 26.6% of white births (non-Hispanic) and 70.7% of births to black mothers (non-Hispanic) occurred out of wedlock. The percentage of teenage births to unmarried teenage mothers in the state increased from 78.1% in 2006 to 80.8% in 2007.

There was a total of 2,093 low birthweight babies (those weighing less than 2,500 grams or 5½ pounds) born to West Virginia residents in 2007, 9.5% of all births. Of the 2,093 low birthweight infants, 1,417 or 67.7% were preterm babies born before 37 weeks of gestation. (Of all 2007 resident births with a known gestational age, 11.9% were preterm babies.) Of the births

with known birthweight, 9.3% of babies born to white mothers and 14.9% of babies born to black mothers were low birthweight. Nationally, 8.3% of all infants weighed less than 2,500 grams at birth in 2006; 7.3% of white infants and 14.0% of black infants were of low birthweight.

Eighty-two percent (82.0%) of 2007 West Virginia mothers with known prenatal care began their care during the first trimester of pregnancy, compared with 86.1% of mothers nationwide in 2005 (the latest data available). Among those with known prenatal care, 82.5% of white mothers began care during the first trimester; 71.9% of black mothers did so. (U.S. figures show that 86.7% of white mothers and 76.5% of black mothers had first trimester care.) No prenatal care was received by 0.6% of white mothers and by 0.9% of black mothers.

Over one-fourth (26.7%) of the 22,017 births in 2007 were to mothers who smoked during their pregnancies, while 0.3% of births were to women who used alcohol. National figures from 2005 show that 10.7% 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, 14.2% of the babies born were low birthweight, compared with 7.8% among non-smoking mothers. Over one-third (35.4%) of 2007 state births were delivered by Cesarean section, compared with a 2006 national rate of 31.1%. One or more complications of labor and/or delivery were reported for 31.4% of deliveries in the state in 2007.

Deaths

The number of West Virginia resident deaths increased by 418, from 20,649 in 2006 to 21,067 in 2007. The state's crude death rate rose from 2006 at 11.4 per 1,000 population to 11.6 in 2007. The average age at death for West Virginians was 72.0 (68.4 for men and 75.6 for women), slightly lower than the 2006 average of 72.1 (68.4 for men and 75.7 for women). One hundred and twenty-three West Virginia residents who died in 2007 were age 100 or older. The oldest woman was 108 years old at the time of death, while the oldest man was 106 years old.

Heart disease, cancer, and chronic lower respiratory diseases, the three leading causes of death, accounted for 53.5% of West Virginia resident deaths in 2007. Compared with 2006, the number of state deaths due to heart disease decreased 1.1% while cancer deaths increased 1.6%. Chronic lower respiratory disease, which was the third leading cause for the seventh time in the past eight years, increased 7.1%; while stroke mortality increased by seven deaths (0.6%). Diabetes mellitus deaths increased 7.4%, while the number of reported deaths due to pneumonia and influenza decreased 6.3%. Dementia, now the seventh leading cause of death in the Mountain State, increased 10.2% while Alzheimer's disease increased 3.7%. Accidental deaths was the fourth leading cause of death. The number of accidental deaths rose by 37 (3.1%), from 1,205 in 2006 to 1,242 in 2007. Motor vehicle accident deaths only increased by three, from 422 in 2006 to 425 in 2007. Accidental poisoning deaths were on the rise in West Virginia the previous five years, but the number was unchanged from 2006 to 2007 at 407. 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 fatalities remained the single leading cause of death for young adults aged 15 through 24, accounting for 34.9% of all deaths for this age group in 2007. West Virginia's 2007 motor vehicle fatalities included six children under five years of age, the same number as 2006. Accidental poisoning accounted for over one-fourth (25.6%) of all deaths in the age group of 25-34.

Suicides increased by 30, from 282 to 312 between 2006 and 2007. Male suicides increased by 36 or 16.0 %, from 225 in 2006 to 261 in 2007; the number of female suicides (51) decreased by six or 10.5% from 2006. Over two-thirds (67.6%) of all suicide deaths were firearm related — 73.2% of male suicides and 39.2% of female suicides. The average age of death for a suicide victim in 2007 was 47.0 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 nine in 2007, down from 14 in 2006.

Homicides decreased by nine, from 103 in 2006 to 94 in 2007. Sixty-four (64) of the homicide victims were male, 30 were female. The average age at death for a homicide victim in 2007 was 34.5 years. There were 11 homicide victims under the age of five in 2007, compared with only one in 2006. Over half (52.1%) of 2007 homicide deaths were due to firearms.

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 45 would therefore contribute 30 years to the total YPLL ($75-45=30$). YPLL is an important tool in emphasizing and evaluating causes of premature death.

The YPLL from all causes increased 3.7%, from 167,481 YPLL in 2006 to 173,739 in 2007. The four leading causes of YPLL in 2007 were malignant neoplasms (35,864 YPLL), diseases of the heart (25,379 YPLL), non-motor vehicle accidents (20,614 YPLL), and motor vehicle accidents (14,554 YPLL). Combined, these four causes accounted for over half (55.5%) of all years of potential life lost in 2007. In comparison to 2006, YPLL attributable to malignant neoplasms decreased from 21.1% to 20.6%. YPLL due to diseases of the heart decreased from 14.8% to 14.6% of the total, and YPLL due to non-motor vehicle accidents decreased from 12.3% to 11.9%. The percentage of total YPLL due to motor vehicle crashes also decreased, from 8.7% to 8.4%.

Infant Deaths

Deaths of infants under one year of age rose by eight, from 155 in 2006 to 163 in 2007. However, West Virginia's infant mortality remained the same at 7.4 per 1,000 live births in 2006 and 2007. The U.S. infant mortality was 6.9 in 2006 (the latest data available).

The following table shows the decline in the national and state infant mortality rates from 1950 through 2007.

1950 – 2007 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
2001	7.3	6.9
2002	9.1	7.0
2003	7.3	6.9
2004	7.6	6.8
2005	8.1	6.9
2006	7.4	6.9
2007	7.4	

The state's 2007 white infant mortality rate increased slightly, from 6.8 in 2006 to 6.9, while the rate for black infants decreased from 29.2 to 22.0 (see Statistical Variation in B, page 173. West Virginia's 2007 race-specific infant mortality rates and comparable 2006 U.S. rates are shown in the table on the following page.

**2007 West Virginia and 2006 United States
Infant Mortality by Race
(Number and Rate per 1,000 Live Births)**

Race of Infant	West Virginia		United States	
	Number	Rate	Number	Rate
All Races	163	7.4	28,609	6.9
White	145	6.9	18,496	5.7
Black	17	22.0	8,824	13.9
Other	1	3.8	1,289	4.7

Over one out of six (17.8%) infant deaths in 2007 were due to SIDS (sudden infant death syndrome). Approximately one in six (16.6%) was the result of congenital malformations, while 49.1% were due to certain conditions originating in the perinatal period, including disorders relating to short gestation and unspecified low birthweight (10.4%).

Neonatal/Postneonatal Deaths

The number of neonatal deaths rose by 22, from 81 in 2006 to 103 in 2007; the neonatal death rate also increased, from 3.9 deaths among infants under 28 days per 1,000 live births in 2006 to 4.7 in 2007. Neonatal deaths comprised 63.2% of all West Virginia resident infant deaths in 2007, compared with 52.3% in 2006. The rate of postneonatal deaths decreased from 3.5 deaths per 1,000 neonatal survivors in 2006 to 2.7 in 2007. The 2006 U.S. neonatal death rate was 4.6, while the postneonatal rate was 2.3 deaths per 1,000 neonatal survivors. U.S. neonatal and postneonatal data for 2007 were not available at the time of this publication.

Fetal Deaths

The 116 resident fetal deaths occurring after 20 or more weeks of gestation reported in 2007 were four less than in 2006 (120). The fetal death ratio also decreased, from 5.7 deaths per 1,000 live births in 2006 to 5.3 in 2007. The majority (91.4%) of fetal deaths were due to conditions originating in the perinatal period, including complications of placenta, cord, and membrane (34.5%), maternal conditions (2.6%), maternal complications (10.3%), short gestation and low birthweight (7.8%), and other ill-defined perinatal conditions (25.9%). Congenital anomalies accounted for 6.9% of all fetal deaths.

Marriages

For the first time in seven years, the number of marriages in West Virginia increased, from 13,276 in 2006 to 13,308 in 2007. The marriage rate in 2007 was 7.3 per 1,000 population, same as 2006. The 2007 U.S. provisional rate was 7.3.

For all marriages in 2007, the median age was 26 for brides and 29 for grooms. For first marriages, the median age for brides was 22; for grooms it was 24. The mode (most frequently reported age) for all marriages was 23 for brides and 24 for grooms, while for first marriages the mode was again 23 for brides and 24 for grooms.

Divorces and Annulments

The number of divorces and annulments increased by 114 or 1.2%, from 9,191 in 2006 to 9,305 in 2007. The 2007 rate of 5.1 per 1,000 population was the same as the 2006 rate.

Of the 9,305 divorces in West Virginia in 2007, the median duration of marriage was six years. Over half (52.3%) of the divorces involved no children under 18 years of age in the family, while one child was involved in 23.5% of all divorces and two children were involved in 18.0%. Two divorces involved six or more children.

Induced Termination of Pregnancy (ITOP)

The annual reporting of induced termination 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 data and birth and death statistics is that ITOP statistics reflect events that occurred in West Virginia. Due to long standing interjurisdictional exchange agreements with other states, births and deaths to West Virginia residents that occur elsewhere are reported back to West Virginia, making it possible to ascertain the number of births and deaths among West Virginia 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 and 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.

In 2007, there were 1,849 ITOPs performed in West Virginia, 9.2% less than in 2006 (2,037). Nearly nine out of every 10 (89.7%) 2007 ITOPs involved a West Virginia resident, while 5.8% were Ohio residents and 3.7% were residents of Kentucky, compared with 2006 percentages of 89.8%, 5.3%, and 3.8%, respectively. The median age of women having an ITOP in 2007 was 23, compared to 24 in 2006. There were 122 procedures in 2007 involving females under the age of 18, of which 119 were to unemancipated minors (see Definitions in Appendix B, page 177) compared with 108 in 2006, of which 100 were unemancipated minors.

Declaration of Paternity Affidavit

A declaration of paternity affidavit, commonly called a paternity affidavit or a paternity acknowledgment, is a legal instrument signed by both parents in which both attest to the paternity of their child. In most situations, paternity affidavits are used when the mother was unmarried at the time of conception or birth. It is unlawful to file a certificate of live birth with a father for a birth to a woman who was unmarried at the time of conception or birth without having first received an acceptable declaration of paternity affidavit or an order from a court of competent jurisdiction. Under WV State Code and, generally, nationwide, the husband of a woman at the time of the conception or birth of her child is presumed to be the legal father of the child. Until July of 2006, the birth certificate for a child born in wedlock could only bear the name of the mother's husband unless there was a court order that specified otherwise. In July 2006, an administrative procedure was put in place to allow a mother, her husband, and a putative father to attest that the husband was not the father and that the putative father was the biological father. This "three-way" paternity process is in use in over half of the states in the nation.

There were 21,917 babies born in West Virginia during 2007 (see differences between residence and occurrence in Methodology, Appendix B, page 173). Of those, 9,076 or 41.4% were born to unmarried mothers, compared with 39.0% in 2006. A father was established through a paternity affidavit in 6,326 or 69.7% of the unmarried births (28.9% of all occurrence births) in 2007, compared with 65.3% of unmarried births or 25.5% of all births in 2006.

Summary

The number of West Virginia resident births increased by 1,086 from 20,931 in 2006 to 22,017 in 2007. West Virginia resident deaths increased by 418 (20,649 in 2006 to 21,067) in 2007. The number of infant deaths rose by eight, from 155 in 2006 to 163 in 2007. Fetal deaths of 20 or more weeks gestation decreased from 120 in 2006 to 116 in 2007. Marriages increased for the first time in seven years, from 13,276 in 2006 to 13,308 in 2007, while divorces also increased from 9,191 in 2006 to 9,305 in 2007. Abortions in West Virginia dropped from 2,037 in 2006 to 1,849 in 2007. A father was established through a paternity affidavit in 6,326 (or 28.9%) of the births occurring in West Virginia.

This is only the third year for which data on induced termination of pregnancy and paternity affidavits have been included in this annual publication. However, these data are available for prior years by specific request.

2007 West Virginia and United States Vital Statistics Review

	West Virginia		United States***	
	Number	Rate*	Number	Rate*
Live Births	22,017	12.2	4,317,119	14.3
Deaths	21,067	11.6	2,425,900 (2005)	8.0
Fetal Deaths	116	**5.3	N/A	N/A
Neonatal Deaths	103	**4.7	19,013 (2006)	**4.4
Infant Deaths	163	**7.4	28,609 (2006)	**6.7
Marriages	13,308	7.3	2,204,000	7.3
Divorces & Annulments	9,305	5.1	N/A	N/A
Natural Increase	950	0.5	1,891,219	6.3
Population (2007 Estimate)	1,812,035		301,621,157	

*Rates based on 2007 Bureau of the Census population estimates. Website address <http://www.census.gov/popest/states/NST-ann-est2007.html> (followed by the spreadsheet - NST-EST2007-01.xls)

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

***National Center for Health Statistics.

(Births) *National Vital Statistics Report*. Website address http://www.cdc.gov/nchs/data/nvsr/nvsr57/nvsr57_12.pdf

(Deaths) *National Vital Statistics Report*. Website address http://www.cdc.gov/nchs/data/nvsr/nvsr56/nvsr56_16.pdf

(Marriages) *National Vital Statistics Report*. Website address http://www.cdc.gov/nchs/data/nvsr/nvsr56/nvsr56_21.htm

West Virginia Bureau for Public Health
Health Statistics Center, 2009

Selected Records and Trivia West Virginia, 2007

Nativity

Oldest Father: 72	Oldest Mother: 49
Youngest Father: 14	Youngest Mother: 12
Highest Live Birth Order: 14 th Delivery – 13 siblings (brothers and sisters)	
Day Most Births Occurred: August 23 (98)	
Day Fewest Births Occurred: May 13 (19)	
Number of Live Born Twins: 669	
Number of Live Born Triplets: 15	
Number of Live Born Quintuplets: 5	

Most Popular Names for Babies

<u>Boys' Names</u>	<u>Number</u>	<u>Girls' Names</u>	<u>Number</u>
Jacob	195	Madison	178
Ethan	174	Emma	138
Logan	140	Abigail	136
Matthew	125	Emily	134
Austin	121	Hannah	117
Joshua	121	Isabella	105
Tyler	118	Olivia	98
James	118	Addison	95
William, Michael, and		Ava	92
Landon (tie)	116	Alexis	92

Mortality

Oldest Male Decedent: 106	Oldest Female Decedent: 108
Number of Male Decedents 100 Yrs. & Older: 15	
Number of Female Decedents 100 Yrs. & Older: 108	
Day Most Deaths Occurred: January 13 (80)	
Day Fewest Deaths Occurred: August 19 (36)	

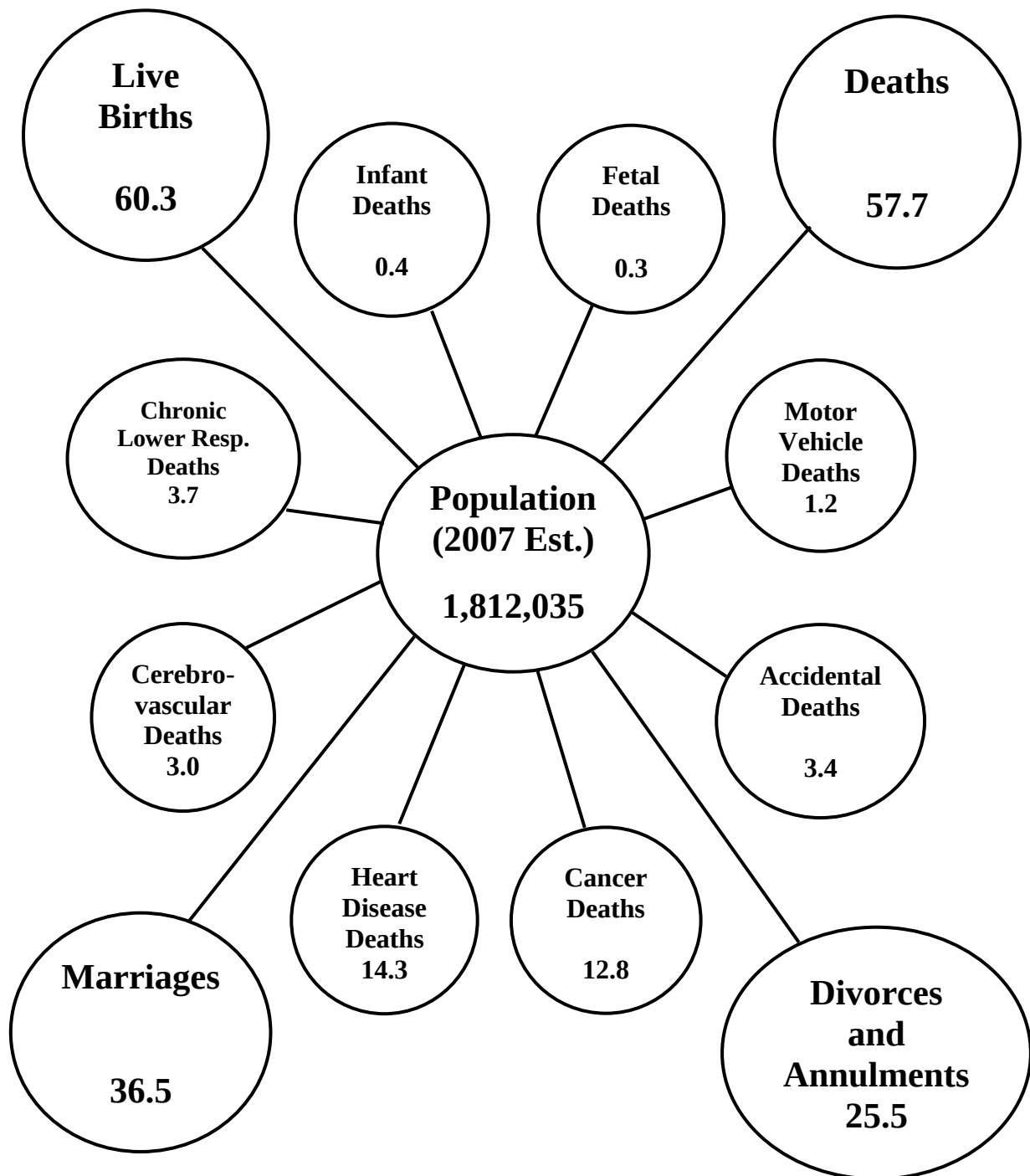
Marriage

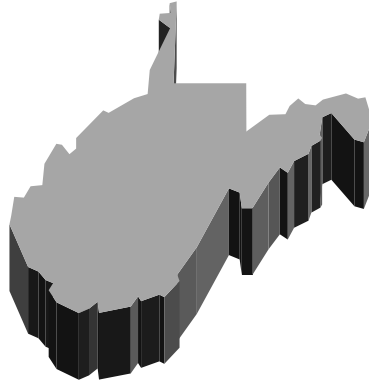
Oldest Groom: 91	Oldest Bride: 91
Youngest Groom: 16	Youngest Bride: 15
Largest Age Difference with Bride Older: 37 Years	
Largest Age Difference with Groom Older: 49 Years	

Divorce

Oldest Male Divorcé: 94	Oldest Female Divorcée: 87
Youngest Male Divorcé: 17	Youngest Female Divorcée: 16
Marriage of Longest Duration Ending in Divorce: 58 Years	

**Average Day Statistics
West Virginia, 2007**



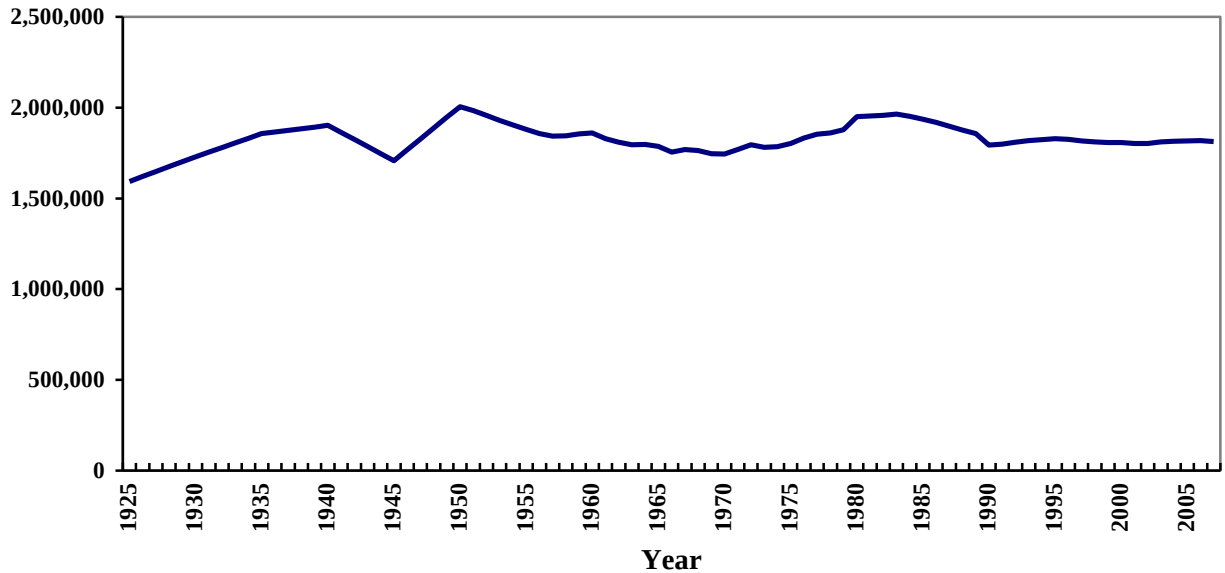


West Virginia Vital Statistics

Population

West Virginia Population, 1925-2007

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
2006*	1,818,470	2005 to 2006	+0.1
2007*	1,812,035	2006 to 2007	-0.4

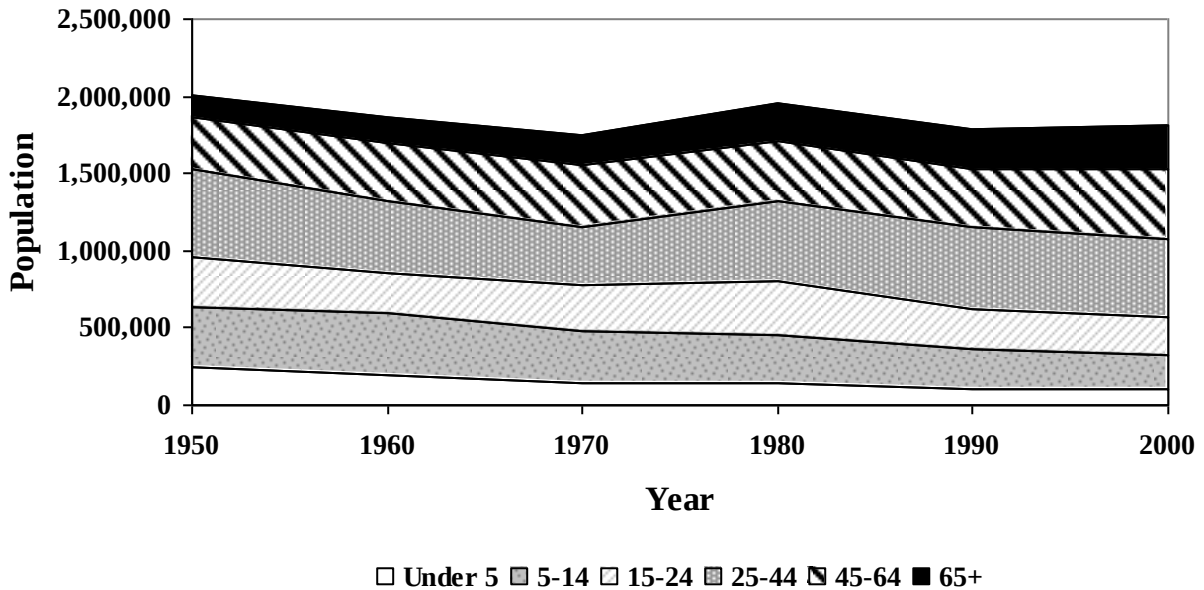
West Virginia Population, 2006 and 2007
Table 1

County	2006*	2007*	County	2006*	2007*
Barbour	15,788	15,532	Monongalia	84,752	87,516
Berkeley	97,534	99,734	Monroe	13,510	13,537
Boone	25,512	25,201	Morgan	16,337	16,351
Braxton	14,810	14,639	Nicholas	26,446	26,160
Brooke	24,132	23,661	Ohio	44,662	44,398
Cabell	93,904	94,435	Pendleton	7,679	7,650
Calhoun	7,381	7,201	Pleasants	7,280	7,183
Clay	10,256	10,120	Pocahontas	8,755	8,571
Doddridge	7,459	7,262	Preston	30,384	30,254
Fayette	46,610	46,334	Putnam	54,982	55,001
Gilmer	6,965	6,907	Raleigh	79,302	79,170
Grant	11,915	11,925	Randolph	28,465	28,292
Greenbrier	34,850	34,586	Ritchie	10,628	10,371
Hampshire	22,480	22,577	Roane	15,583	15,295
Hancock	30,911	30,189	Summers	13,531	13,202
Hardy	13,420	13,661	Taylor	16,304	16,117
Harrison	68,745	68,309	Tucker	6,856	6,868
Jackson	28,451	28,223	Tyler	9,264	8,952
Jefferson	50,443	50,832	Upshur	23,685	23,508
Kanawha	192,419	191,306	Wayne	41,647	41,231
Lewis	17,129	17,145	Webster	9,696	9,435
Lincoln	22,357	22,322	Wetzel	16,685	16,432
Logan	36,218	35,629	Wirt	5,980	5,809
McDowell	23,882	22,991	Wood	86,597	86,088
Marion	56,706	56,728	Wyoming	24,225	23,674
Marshall	33,896	33,148			
Mason	25,756	25,546			
Mercer	61,278	61,350	Total	1,818,470	1,812,035
Mineral	26,928	26,722			
Mingo	27,100	26,755			

* Population estimates from U.S. Bureau of the Census

West Virginia Bureau for Public Health
Health Statistics Center, 2009

Age Group Distribution
West Virginia Population, 1950-2000
Exhibit 2



	1950	1960	1970	1980	1990	2000
Under 5 Years	240,107	196,291	138,249	145,583	106,659	101,805
5-14 Years	396,369	402,206	335,509	310,291	254,687	227,332
15-24 Years	325,990	262,193	301,039	346,892	262,222	245,687
25-44 Years	560,833	455,593	383,227	513,022	532,807	501,343
45-64 Years	343,727	377,888	391,739	395,988	368,205	455,282
65+ Years	138,526	166,250	194,474	237,868	268,897	276,895
Total	2,005,552	1,860,421	1,744,237	1,949,644	1,793,477	1,808,344

Enumerated as of April 1 of the specified year (U.S. Department of Commerce, Bureau of the Census).

West Virginia Population Distribution, 2000

Distribution by Gender, Age, and Race

Table 2

Characteristic	Number	Percent
<u>Total</u>	1,808,344	100.0
<u>Gender</u>		
Male	879,170	48.6
Female	929,174	51.4
<u>Age</u>		
Less than 5 Years	101,805	5.6
5-17 Years	300,588	16.6
18-44 Years	673,774	37.3
45-64 Years	455,282	25.2
65+ Years	276,895	15.3
<u>Race</u>		
White	1,718,777	95.0
Black	57,232	3.2
Asian / Pacific Islander	9,834	0.5
American Indian, Eskimo, and Aleutian Islander	3,606	0.2
Other	18,895	1.0
<u>Hispanic Origin*</u>	12,279	0.7

* May be of any race.

West Virginia Bureau for Public Health
Health Statistics Center, 2009

Age Group Distribution by County West Virginia Population, 2000 Both Genders Table 3

County of Residence	Less Than 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-29 Years	30-39 Years	40-49 Years	50-59 Years	60-64 Years	65+ Years	Total
Barbour	156	669	1,004	1,069	1,179	1,911	2,085	2,299	1,976	789	2,420	15,557
Berkeley	987	4,037	5,519	5,650	5,181	9,658	12,183	11,984	9,193	3,047	8,466	75,905
Boone	335	1,273	1,609	1,627	1,673	3,429	3,246	4,406	3,315	1,158	3,464	25,535
Braxton	167	612	913	1,031	922	1,737	2,049	2,322	1,893	726	2,330	14,702
Brooke	240	1,038	1,466	1,489	1,734	3,023	3,221	4,038	3,239	1,297	4,662	25,447
Cabell	1,103	4,158	5,404	5,365	7,163	16,094	12,236	13,893	11,420	4,449	15,499	96,784
Calhoun	66	320	411	512	592	746	1,006	1,228	1,045	392	1,264	7,582
Clay	139	489	726	795	791	1,273	1,409	1,584	1,235	475	1,414	10,330
Doddridge	88	351	466	522	657	766	992	1,167	916	380	1,098	7,403
Fayette	531	2,154	2,820	2,892	3,302	6,224	6,166	7,605	5,892	2,179	7,814	47,579
Gilmer	71	277	351	435	712	1,175	863	965	863	350	1,098	7,160
Grant	132	582	703	723	658	1,349	1,612	1,639	1,578	595	1,728	11,299
Greenbrier	364	1,540	2,052	2,143	2,215	3,653	4,417	5,399	4,708	1,861	6,101	34,453
Hampshire	258	983	1,397	1,554	1,352	2,133	2,888	3,041	2,657	1,000	2,940	20,203
Hancock	351	1,376	1,904	1,960	1,905	3,605	4,317	5,384	4,074	1,774	6,017	32,667
Hardy	147	608	867	881	755	1,397	1,930	1,890	1,669	641	1,884	12,669
Harrison	779	3,145	4,433	4,554	4,782	8,117	9,368	10,320	8,639	3,137	11,378	68,652
Jackson	331	1,367	1,843	2,014	1,863	3,240	3,826	4,309	3,356	1,558	4,293	28,000
Jefferson	557	2,085	2,748	2,913	3,174	5,255	6,695	6,788	5,490	1,761	4,724	42,190
Kanawha	2,339	9,098	11,757	12,007	12,207	24,919	26,998	32,965	25,331	9,416	33,036	200,073
Lewis	170	723	1,111	1,094	1,043	1,899	2,402	2,606	2,217	883	2,771	16,919
Lincoln	242	1,080	1,428	1,481	1,626	2,920	3,167	3,431	2,730	1,099	2,904	22,108
Logan	436	1,726	2,279	2,272	2,621	5,030	4,839	6,544	4,775	1,738	5,450	37,710
McDowell	293	1,113	1,692	1,981	1,954	3,029	3,387	4,625	3,557	1,296	4,402	27,329
Marion	569	2,330	3,230	3,372	3,971	7,704	7,169	8,344	7,191	2,645	10,073	56,598
Marshall	391	1,509	2,321	2,417	2,270	3,853	4,747	5,789	4,709	1,718	5,795	35,519
Mason	295	1,228	1,653	1,650	1,751	3,045	3,460	4,166	3,351	1,425	3,933	25,957
Mercer	670	2,968	3,644	3,606	4,206	8,327	7,930	9,495	8,071	3,094	10,969	62,980
Mineral	299	1,200	1,791	1,932	1,975	3,076	3,665	4,048	3,629	1,381	4,082	27,078
Mingo	337	1,315	1,870	1,975	2,164	3,583	4,077	4,713	3,499	1,204	3,516	28,253

West Virginia Bureau for Public Health
Health Statistics Center, 2009

Age Group Distribution by County West Virginia Population, 2000 Both Genders Table 3 (continued)

County of Residence	Less Than 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-29 Years	30-39 Years	40-49 Years	50-59 Years	60-64 Years	65+ Years	Total
Monongalia	806	3,238	4,156	4,157	8,274	19,846	10,686	11,077	8,165	2,696	8,765	81,866
Monroe	143	580	800	894	842	1,848	2,266	2,246	2,007	715	2,242	14,583
Morgan	186	719	962	934	827	1,574	2,096	2,345	1,998	827	2,475	14,943
Nicholas	276	1,163	1,654	1,908	1,857	3,046	3,628	4,285	3,411	1,360	3,974	26,562
Ohio	476	1,973	2,769	3,009	3,519	5,780	5,752	7,466	5,602	2,181	8,900	47,427
Pendleton	80	360	503	545	470	923	1,089	1,274	1,034	458	1,460	8,196
Pleasants	90	351	514	494	507	867	1,070	1,211	950	338	1,122	7,514
Pocahontas	82	370	526	591	495	981	1,257	1,429	1,295	528	1,577	9,131
Preston	309	1,325	1,815	2,049	2,199	3,287	4,069	4,697	3,777	1,421	4,386	29,334
Putnam	638	2,726	3,582	3,769	3,414	5,859	7,886	8,818	6,709	2,227	5,961	51,589
Raleigh	899	3,458	4,681	4,889	5,060	10,706	10,514	13,065	10,130	3,618	12,200	79,220
Randolph	310	1,168	1,803	1,859	1,883	3,511	4,135	4,252	3,700	1,376	4,265	28,262
Ritchie	92	472	663	684	723	1,126	1,425	1,631	1,379	572	1,576	10,343
Roane	185	698	918	1,071	1,157	1,821	2,000	2,461	2,020	833	2,282	15,446
Summers	102	502	757	761	856	1,365	1,549	2,043	1,743	728	2,593	12,999
Taylor	180	684	1,002	1,132	1,082	1,851	2,342	2,565	1,965	747	2,539	16,089
Tucker	70	283	447	428	485	702	1,024	1,078	1,032	458	1,314	7,321
Tyler	110	393	607	699	619	975	1,268	1,523	1,291	528	1,579	9,592
Upshur	226	1,022	1,493	1,529	2,071	3,228	2,945	3,446	2,876	1,119	3,449	23,404
Wayne	516	1,955	2,813	2,904	2,993	5,386	5,882	6,292	5,527	2,224	6,411	42,903
Webster	91	409	635	670	665	1,105	1,222	1,579	1,347	514	1,482	9,719
Wetzel	184	823	1,146	1,249	1,219	1,761	2,348	2,699	2,392	1,011	2,861	17,693
Wirt	53	276	417	445	447	630	894	903	717	328	763	5,873
Wood	943	4,146	5,597	5,942	5,724	10,179	12,383	13,642	11,458	4,364	13,608	87,986
Wyoming	286	1,181	1,478	1,654	1,792	3,159	3,253	4,648	3,410	1,261	3,586	25,708
Total	20,176	81,629	111,150	116,182	125,578	233,686	245,333	283,662	228,153	85,900	276,895	1,808,344

West Virginia Bureau for Public Health
Health Statistics Center, 2009

Age Group Distribution by County West Virginia Population, 2000

Males

Table 3 (continued)

County of Residence	Less Than 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-29 Years	30-39 Years	40-49 Years	50-59 Years	60-64 Years	65+ Years	Total
Barbour	86	366	544	553	586	974	1,009	1,128	996	400	1,004	7,646
Berkeley	501	2,001	2,862	2,921	2,759	4,768	6,054	6,013	4,694	1,469	3,742	37,784
Boone	174	646	834	861	826	1,669	1,601	2,175	1,696	563	1,426	12,471
Braxton	85	298	470	514	456	963	1,072	1,194	1,006	386	1,000	7,444
Brooke	118	517	745	748	877	1,528	1,627	1,976	1,598	613	1,835	12,182
Cabell	550	2,077	2,742	2,786	3,496	8,071	6,102	6,754	5,509	2,071	6,071	46,229
Calhoun	34	147	222	270	313	386	496	628	542	206	542	3,786
Clay	71	249	375	387	404	621	694	789	662	245	612	5,109
Doddridge	52	171	243	278	381	426	473	566	478	180	488	3,736
Fayette	273	1,146	1,492	1,516	1,736	3,292	3,106	3,893	3,026	1,011	3,078	23,569
Gilmer	34	135	174	215	379	640	445	478	430	182	488	3,600
Grant	74	311	336	377	369	661	812	789	800	294	762	5,585
Greenbrier	174	827	1,067	1,124	1,118	1,773	2,178	2,616	2,318	858	2,503	16,556
Hampshire	127	493	709	834	708	1,089	1,448	1,516	1,312	485	1,366	10,087
Hancock	187	721	975	994	968	1,798	2,055	2,696	2,022	807	2,464	15,687
Hardy	83	301	447	433	385	681	988	926	847	327	837	6,255
Harrison	386	1,555	2,294	2,362	2,448	4,087	4,566	5,071	4,196	1,466	4,430	32,861
Jackson	172	659	944	1,078	960	1,588	1,834	2,143	1,637	736	1,872	13,623
Jefferson	253	1,073	1,431	1,516	1,601	2,583	3,317	3,339	2,810	871	2,079	20,873
Kanawha	1,214	4,693	6,078	6,083	6,257	12,281	13,171	15,889	12,328	4,287	12,897	95,178
Lewis	79	380	572	563	517	961	1,229	1,286	1,083	424	1,112	8,206
Lincoln	110	558	699	762	835	1,446	1,626	1,702	1,358	549	1,253	10,898
Logan	232	883	1,173	1,173	1,368	2,546	2,321	3,273	2,390	756	2,177	18,292
McDowell	153	568	914	983	1,005	1,452	1,559	2,278	1,792	612	1,659	12,975
Marton	271	1,215	1,626	1,727	2,016	3,809	3,483	4,191	3,501	1,222	3,839	26,900
Marshall	192	785	1,153	1,287	1,181	1,991	2,317	2,907	2,332	790	2,353	17,288
Mason	151	630	878	873	920	1,521	1,677	2,039	1,662	699	1,674	12,724
Mercer	336	1,519	1,821	1,905	2,173	4,151	3,896	4,559	3,972	1,432	4,257	30,021
Mineral	142	626	916	1,006	1,039	1,584	1,764	1,976	1,798	696	1,703	13,250
Mingo	179	662	954	1,030	1,091	1,712	1,962	2,299	1,779	567	1,430	13,665

West Virginia Bureau for Public Health
Health Statistics Center, 2009

Age Group Distribution by County West Virginia Population, 2000

Males

Table 3 (continued)

County of Residence	Less Than 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-29 Years	30-39 Years	40-49 Years	50-59 Years	60-64 Years	65+ Years	Total
Monongalia	435	1,585	2,170	2,126	4,266	10,694	5,585	5,490	4,103	1,329	3,508	41,291
Monroe	69	314	423	450	433	723	853	962	956	342	945	6,470
Morgan	96	349	473	482	440	780	1,067	1,152	985	415	1,104	7,343
Nicholas	136	611	836	977	1,001	1,516	1,743	2,158	1,683	673	1,649	12,983
Ohio	238	971	1,421	1,553	1,737	2,767	2,714	3,653	2,724	1,025	3,374	22,177
Pendleton	30	185	269	268	236	502	550	644	533	229	679	4,125
Pleasants	41	195	265	260	266	447	533	631	506	170	446	3,760
Pocahontas	48	178	296	308	280	523	659	758	659	300	694	4,703
Preston	150	665	916	1,077	1,188	1,676	1,974	2,378	1,907	712	1,892	14,535
Putnam	324	1,428	1,839	1,964	1,766	2,859	3,805	4,384	3,323	1,103	2,568	25,363
Raleigh	453	1,753	2,393	2,496	2,570	5,728	5,491	6,641	5,056	1,711	4,683	38,975
Randolph	159	585	944	946	1,001	1,879	2,201	2,172	1,861	728	1,746	14,222
Ritchie	43	223	342	355	371	543	724	825	688	298	658	5,070
Roane	86	369	474	528	617	928	993	1,210	1,043	431	966	7,645
Summers	59	257	373	391	474	665	749	1,042	881	352	1,110	6,353
Taylor	91	351	535	570	568	931	1,185	1,289	1,001	344	1,004	7,869
Tucker	31	142	228	203	265	360	517	533	494	226	571	3,570
Tyler	48	194	298	349	314	504	611	767	645	262	694	4,686
Upshur	110	529	778	804	1,002	1,570	1,424	1,715	1,425	543	1,454	11,354
Wayne	268	1,028	1,488	1,536	1,541	2,670	2,827	3,091	2,689	1,106	2,749	20,993
Webster	49	204	341	338	330	551	613	768	699	274	616	4,783
Wetzel	102	434	581	616	639	862	1,148	1,318	1,183	483	1,220	8,586
Wirt	27	156	215	239	224	315	428	463	347	178	347	2,939
Wood	497	2,096	2,823	3,013	2,920	5,021	6,112	6,702	5,540	2,106	5,416	42,246
Wyoming	149	618	790	867	914	1,576	1,564	2,324	1,754	601	1,492	12,649
Total	10,232	41,632	57,201	59,875	64,535	117,642	120,952	140,159	113,259	41,145	112,538	879,170

West Virginia Bureau for Public Health
Health Statistics Center, 2009

Age Group Distribution by County West Virginia Population, 2000 Females Table 3 (continued)

County of Residence	Less Than 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-29 Years	30-39 Years	40-49 Years	50-59 Years	60-64 Years	65+ Years	Total
Barbour	70	303	460	516	593	937	1,076	1,171	980	389	1,416	7,911
Berkeley	486	2,036	2,657	2,729	2,422	4,890	6,129	5,971	4,499	1,578	4,724	38,121
Boone	161	627	775	766	847	1,760	1,645	2,231	1,619	595	2,038	13,064
Braxton	82	314	443	517	466	774	977	1,128	887	340	1,330	7,258
Brooke	122	521	721	741	857	1,495	1,594	2,062	1,641	684	2,827	13,265
Cabell	553	2,081	2,662	2,579	3,667	8,023	6,134	7,139	5,911	2,378	9,428	50,555
Calhoun	32	173	189	242	279	360	510	600	503	186	722	3,796
Clay	68	240	351	408	387	652	715	795	573	230	802	5,221
Doddridge	36	180	223	244	276	340	519	601	438	200	610	3,667
Fayette	258	1,008	1,328	1,376	1,566	2,932	3,060	3,712	2,866	1,168	4,736	24,010
Gilmer	37	142	177	220	333	535	418	487	433	168	610	3,560
Grant	58	271	367	346	289	688	800	850	778	301	966	5,714
Greenbrier	190	713	985	1,019	1,097	1,880	2,239	2,783	2,390	1,003	3,598	17,897
Hampshire	131	490	688	720	644	1,044	1,440	1,525	1,345	515	1,574	10,116
Hancock	164	655	929	966	937	1,807	2,262	2,688	2,052	967	3,553	16,980
Hardy	64	307	420	448	370	716	942	964	822	314	1,047	6,414
Harrison	393	1,590	2,139	2,192	2,334	4,030	4,802	5,249	4,443	1,671	6,948	35,791
Jackson	159	708	899	936	903	1,652	1,992	2,166	1,719	822	2,421	14,377
Jefferson	304	1,012	1,317	1,397	1,573	2,672	3,378	3,449	2,680	890	2,645	21,317
Kanawha	1,125	4,405	5,679	5,924	5,950	12,638	13,827	17,076	13,003	5,129	20,139	104,895
Lewis	91	343	539	531	526	938	1,173	1,320	1,134	459	1,659	8,713
Lincoln	132	522	729	719	791	1,474	1,541	1,729	1,372	550	1,651	11,210
Logan	204	843	1,106	1,099	1,253	2,484	2,518	3,271	2,385	982	3,273	19,418
McDowell	140	545	778	998	949	1,577	1,828	2,347	1,765	684	2,743	14,354
Marion	298	1,115	1,604	1,645	1,955	3,895	3,686	4,153	3,690	1,423	6,234	29,698
Marshall	199	724	1,168	1,130	1,089	1,862	2,430	2,882	2,377	928	3,442	18,231
Mason	144	598	775	777	831	1,524	1,783	2,127	1,689	726	2,259	13,233
Mercer	334	1,449	1,823	1,701	2,033	4,176	4,034	4,936	4,099	1,662	6,712	32,959
Mineral	157	574	875	926	936	1,492	1,901	2,072	1,831	685	2,379	13,828
Mingo	158	653	916	945	1,073	1,871	2,115	2,414	1,720	637	2,086	14,588

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Age Group Distribution by County West Virginia Population, 2000

Females

Table 3 (continued)

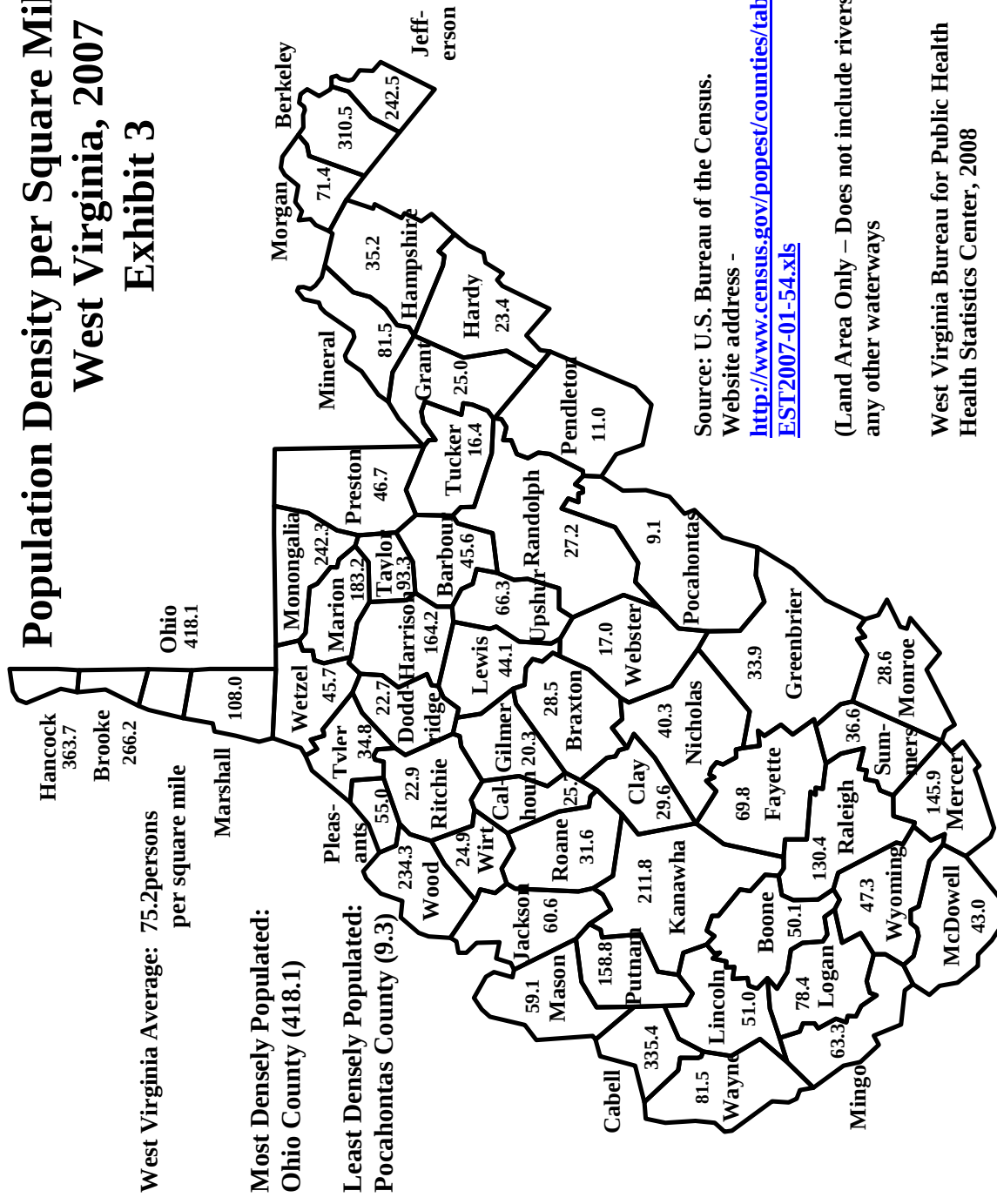
County of Residence	Less Than 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-29 Years	30-39 Years	40-49 Years	50-59 Years	60-64 Years	65+ Years	Total
Monongalia	371	1,653	1,986	2,031	4,008	9,152	5,101	5,587	4,062	1,367	5,257	40,575
Monroe	74	266	377	444	409	1,125	1,413	1,284	1,051	373	1,297	8,113
Morgan	90	370	489	452	387	794	1,029	1,193	1,013	412	1,371	7,600
Nicholas	140	552	818	931	856	1,530	1,885	2,127	1,728	687	2,325	13,579
Ohio	238	1,002	1,348	1,456	1,782	3,013	3,038	3,813	2,878	1,156	5,526	25,250
Pendleton	50	175	234	277	234	421	539	630	501	229	781	4,071
Pleasants	49	156	249	234	241	420	537	580	444	168	676	3,754
Pocahontas	34	192	230	283	215	458	598	671	636	228	883	4,428
Preston	159	660	899	972	1,011	1,611	2,095	2,319	1,870	709	2,494	14,799
Putnam	314	1,298	1,743	1,805	1,648	3,000	4,081	4,434	3,386	1,124	3,393	26,226
Raleigh	446	1,705	2,288	2,393	2,490	4,978	5,023	6,424	5,074	1,907	7,517	40,245
Randolph	151	583	859	913	882	1,632	1,934	2,080	1,839	648	2,519	14,040
Ritchie	49	249	321	329	352	583	701	806	691	274	918	5,273
Roane	99	329	444	543	540	893	1,007	1,251	977	402	1,316	7,801
Summers	43	245	384	370	382	700	800	1,001	862	376	1,483	6,646
Taylor	89	333	467	562	514	920	1,157	1,276	964	403	1,535	8,220
Tucker	39	141	219	225	220	342	507	545	538	232	743	3,751
Tyler	62	199	309	350	305	471	657	756	646	266	885	4,906
Upshur	116	493	715	725	1,069	1,658	1,521	1,731	1,451	576	1,995	12,050
Wayne	248	927	1,325	1,368	1,452	2,716	3,055	3,201	2,838	1,118	3,662	21,910
Webster	42	205	294	332	335	554	609	811	648	240	866	4,936
Wetzel	82	389	565	633	580	899	1,200	1,381	1,209	528	1,641	9,107
Wirt	26	120	202	206	223	315	466	440	370	150	416	2,934
Wood	446	2,050	2,774	2,929	2,804	5,158	6,271	6,940	5,918	2,258	8,192	45,740
Wyoming	137	563	688	787	878	1,583	1,689	2,324	1,656	660	2,094	13,059
Total	9,944	39,997	53,949	56,307	61,043	116,044	124,381	143,503	114,894	44,755	164,357	929,174

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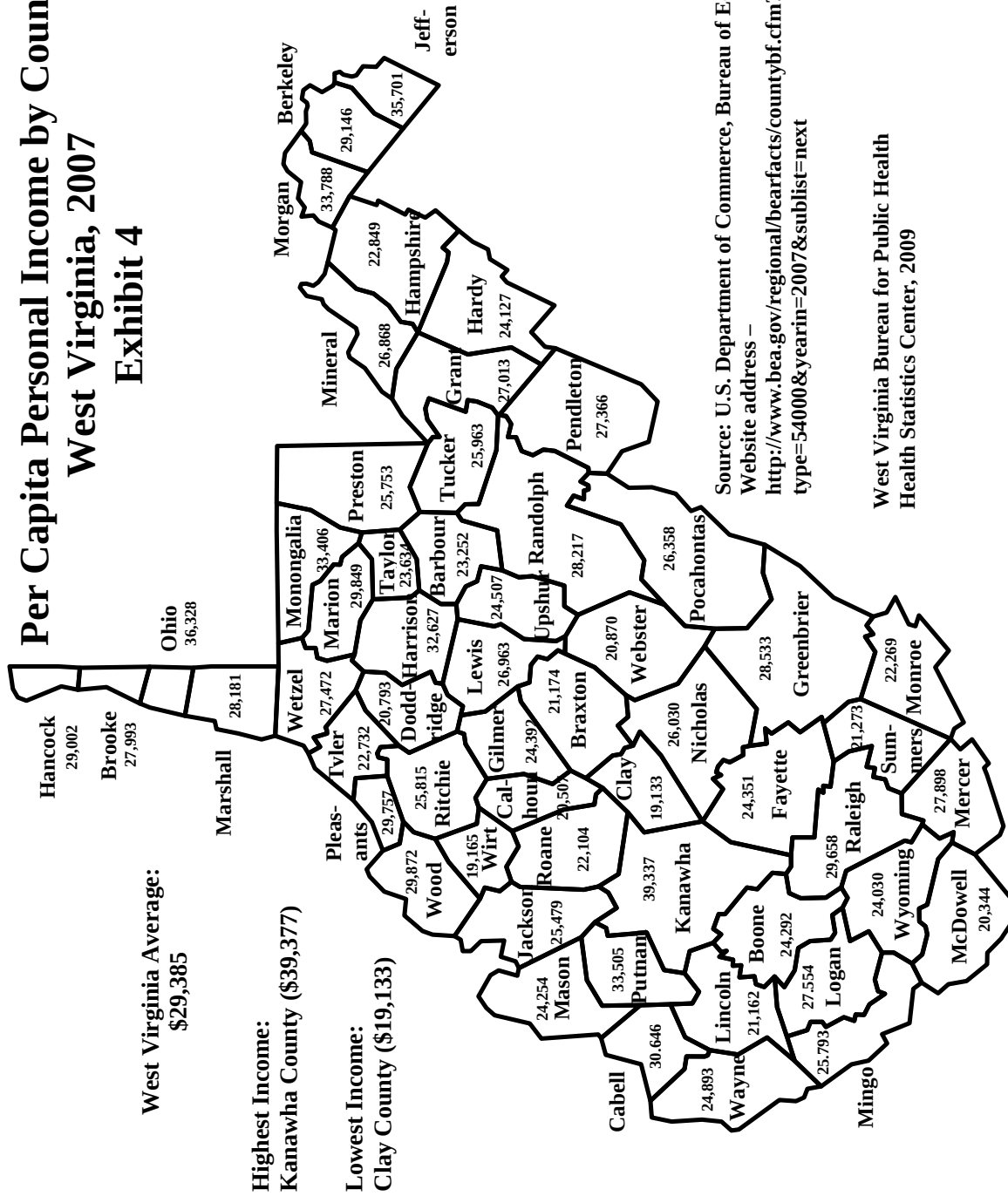
Population Density per Square Mile by County

West Virginia, 2007

Exhibit 3



Per Capita Personal Income by County West Virginia, 2007 Exhibit 4



Births, Deaths, Natural Increase or Decrease, and Net Migration

West Virginia Population, 1950 - 2007

Table 4

Year	Population	Number of Births	Number of Deaths	Natural Increase or Decrease	Net Migration	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	19,178	10,260	61,384	3.81
1981	1,954,000	27,810	19,039	8,771	-4,415	0.22
1982	1,957,000	27,263	18,976	8,287	-5,287	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	19,859	3,320	-20,320	-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 ^d	1,799,000	22,509	19,951	2,558	2,965	0.31
1992 ^d	1,809,000	22,156	19,696	2,460	7,540	0.56
1993 ^d	1,818,000	21,793	20,331	1,462	7,538	0.50
1994 ^d	1,823,000	21,360	19,945	1,415	3,585	0.28
1995 ^d	1,828,000	21,158	20,128	1,030	3,970	0.27
1996 ^d	1,826,000	20,744	20,314	430	-2,430	-0.11
1997 ^d	1,816,000	20,735	20,872	-137	-9,863	-0.55
1998 ^d	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 ^e	1,812,035	22,017	21,067	950	-7,385	-0.35

a. Enumerated as of April 1 of the specified year. (U.S. Department of Commerce, Bureau of the Census)

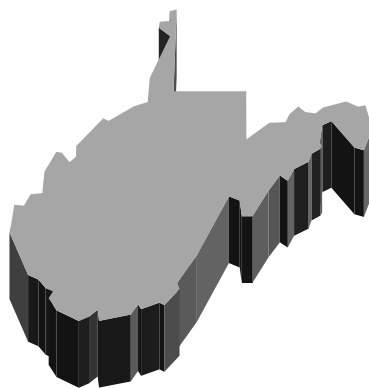
b. Source of data 1950 through 1960: U.S. Department of Health, Education, and Welfare, Public Health Service, Vital Statistics Rates of the United States, 1940 - 1960.

c. Source of data 1961 through 1989: U.S. Department of Commerce, Bureau of the Census, Current Population Reports. Series P-25 and P-26.

d. Source of data 1991-99 population estimates: Regional Research Institute, WVU, and U.S. Bureau of the Census.

e. Source of data 2001 through 2007: http://www.census.gov/popest/counties/CO-EST2007-popchg2000_2007.html

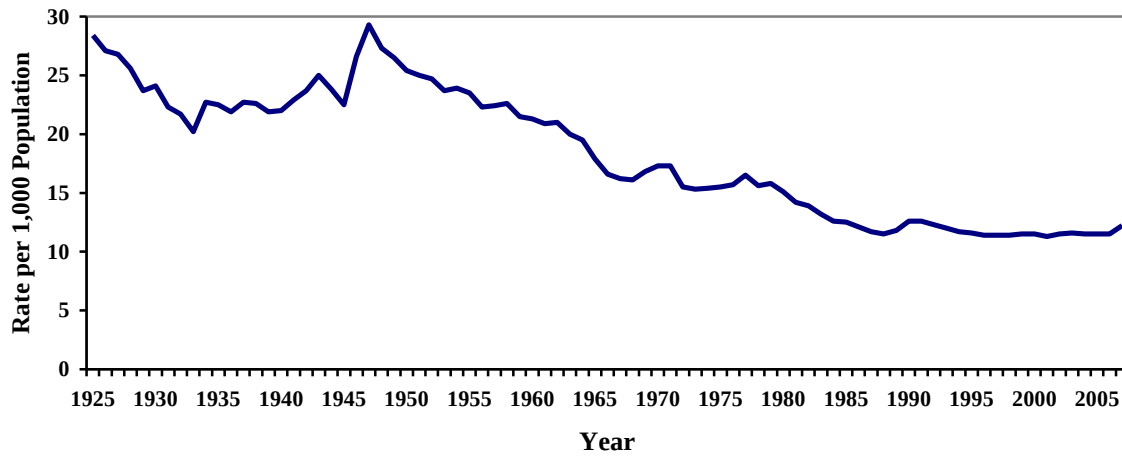
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West Virginia Vital Statistics

Births

**Number and Rate of Resident Births
West Virginia, 1925-2007
Exhibit 5**



Year	Number of Live Births	Rate per 1,000 Population
1925	45,240	28.4
1930	41,614	24.1
1935	41,775	22.5
1940	41,900	22.0
1945	38,446	22.5
1950	50,850	25.4
1955	44,199	23.5
1960	39,696	21.3
1965	31,958	17.9
1970	30,194	17.3
1975	27,960	15.5
1980	29,438	15.1
1985	24,108	12.5
1990	22,582	12.6
1995	21,158	11.6
2000	20,860	11.5
2005	20,834	11.5
2006	20,931	11.5
2007	22,017	12.2

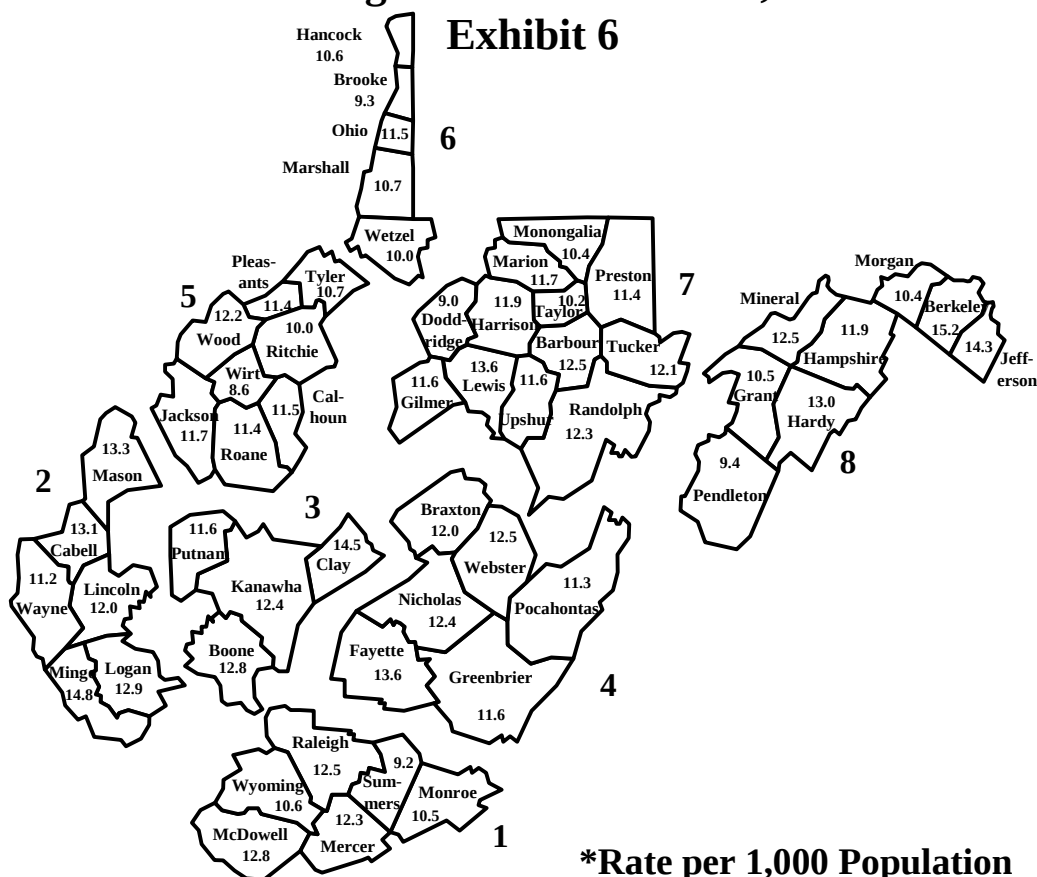
Summary Totals
West Virginia Resident Births, 2007
Table 5

	Number	Percent
Total	22,017	100.0
<u>Sex</u>		
Male	11,299	51.3
Female	10,718	48.7
<u>Race of Mother</u>		
White	20,985	95.3
Black	771	3.5
Other	261	1.2
<u>Attendant at Birth</u>		
Physician	18,693	84.9
Certified Nurse Midwife	3,055	13.9
Lay Midwife	24	0.1
EMT/Paramedic	3	0.0
Other	95	0.4
Unknown	147	0.7
<u>Place of Birth</u>		
Hospital	21,868	99.3
Freestanding Birthing Center	3	0.0
Home	78	0.4
En route to Hospital	8	0.0
Other Specified Address (Not Home)	33	0.1
Unknown	27	0.1
<u>Mother's Marital Status</u>		
White		
Married	12,749	60.8
Not Married	8,236	39.2
Black		
Married	205	26.6
Not Married	566	73.4
Other		
Married	194	74.3
Not Married	67	25.7

West Virginia Bureau for Public Health
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Birth Rates* by District and County West Virginia Resident Births, 2007

Exhibit 6



***Rate per 1,000 Population**

District*	2007 Population**	Number of Live Births	Rate
1	213,924	2,553	11.9
2	245,918	3,156	12.8
3	281,628	3,477	12.3
4	139,725	1,745	12.5
5	169,122	1,965	11.6
6	147,828	1,568	10.6
7	364,438	4,166	11.4
8	249,452	3,387	13.6
Total	1,812,035	22,017	12.2

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Health Statistics Center, 2009

*Public Health Management Districts, also called
Regional Education Service Agencies (RESA Regions).

**US Department of Commerce, Bureau of the Census.

<http://www.census.gov/popest/counties/tables/CO-EST2007-01-54.xls>

Number of Births by County of Residence and Occurrence
Birth Rates by County of Residence
West Virginia, 2007
Table 6

County	Residence		Occurrence	County	Residence		Occurrence
	Number	Rate			Number	Rate	
Barbour	194	12.5	0	Monongalia	907	10.4	2,138
Berkeley	1,517	15.2	1,032	Monroe	142	10.5	3
Boone	322	12.8	0	Morgan	170	10.4	2
Braxton	176	12.0	1	Nicholas	324	12.4	303
Brooke	220	9.3	385	Ohio	509	11.5	1,333
Cabell	1,234	13.1	3,087	Pendleton	72	9.4	0
Calhoun	83	11.5	1	Pleasants	82	11.4	0
Clay	147	14.5	0	Pocahontas	97	11.3	6
Doddridge	65	9.0	1	Preston	345	11.4	133
Fayette	628	13.6	1	Putnam	640	11.6	37
Gilmer	80	11.6	0	Raleigh	990	12.5	1,692
Grant	125	10.5	277	Randolph	347	12.3	451
Greenbrier	402	11.6	566	Ritchie	104	10.0	0
Hampshire	268	11.9	4	Roane	174	11.4	110
Hancock	319	10.6	0	Summers	122	9.2	3
Hardy	177	13.0	0	Taylor	165	10.2	1
Harrison	810	11.9	914	Tucker	83	12.1	0
Jackson	330	11.7	0	Tyler	96	10.7	0
Jefferson	725	14.3	322	Upshur	273	11.6	368
Kanawha	2,368	12.4	4,089	Wayne	460	11.2	1
Lewis	233	13.6	307	Webster	118	12.5	1
Lincoln	268	12.0	0	Wetzel	164	10.0	0
Logan	458	12.9	388	Wirt	50	8.6	0
McDowell	294	12.8	69	Wood	1,046	12.2	1,740
Marion	664	11.7	348	Wyoming	250	10.6	0
Marshall	356	10.7	188				
Mason	340	13.3	226				
Mercer	755	12.3	1,269	Total	22,017	12.2	21,917
Mineral	333	12.5	1				
Mingo	396	14.8	119				

West Virginia Bureau for Public Health
Health Statistics Center, 2009

**Number of Births by County of Residence
West Virginia, 2003-2007
Table 7**

County	2003	2004	2005	2006	2007	County	2003	2004	2005	2006	2007
Barbour	169	171	190	154	194	Monongalia	912	929	883	923	907
Berkeley	1,182	1,267	1,309	1,344	1,517	Monroe	111	123	134	137	142
Boone	329	315	308	331	322	Morgan	155	162	159	160	170
Braxton	150	136	144	165	176	Nicholas	303	264	326	293	324
Brooke	232	237	225	210	220	Ohio	483	457	517	480	509
Cabell	1,149	1,138	1,142	1,215	1,234	Pendleton	100	66	82	74	72
Calhoun	60	60	89	84	83	Pleasants	78	62	57	72	82
Clay	146	134	116	136	147	Pocahontas	88	91	76	96	97
Doddridge	72	79	75	61	65	Preston	328	323	293	352	345
Fayette	602	551	586	570	628	Putnam	679	669	646	611	640
Gilmer	49	72	79	71	80	Raleigh	887	899	919	895	990
Grant	141	131	114	131	125	Randolph	314	316	353	315	347
Greenbrier	360	376	382	378	402	Ritchie	132	125	109	94	104
Hampshire	254	224	237	231	268	Roane	184	189	149	157	174
Hancock	344	348	327	309	319	Summers	126	109	108	115	122
Hardy	147	144	153	157	177	Taylor	166	144	145	162	165
Harrison	797	846	827	851	810	Tucker	68	59	60	64	83
Jackson	319	312	333	314	330	Tyler	82	90	95	89	96
Jefferson	615	641	646	670	725	Upshur	282	284	270	291	273
Kanawha	2,364	2,444	2,272	2,319	2,368	Wayne	464	452	443	467	460
Lewis	199	172	217	174	233	Webster	105	90	106	97	118
Lincoln	294	294	290	284	268	Wetzel	198	190	219	205	164
Logan	432	438	426	418	458	Wirt	63	61	53	56	50
McDowell	298	309	275	296	294	Wood	1,012	988	1,021	980	1,046
Marion	654	623	611	604	664	Wyoming	285	250	273	268	250
Marshall	331	356	306	317	356						
Mason	297	298	310	303	340						
Mercer	737	712	704	717	755	Total	20,986	20,911	20,834	20,931	22,017
Mineral	281	319	275	297	333						
Mingo	377	372	370	367	396						

West Virginia Bureau for Public Health
Health Statistics Center, 2009

**Birthweight by Age of Mother
West Virginia Resident Births, 2007
Table 8**

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	Unk.	
Less than 1,000 Grams (Less than 2.205 lbs.)	0	11	16	46	33	31	12	5	0	0	154
1,000 - 1,499 Grams (2.205 - 3.305 lbs.)	2	9	15	57	55	43	19	5	0	0	205
1,500 - 1,999 Grams (3.307 - 4.407 lbs.)	4	16	27	123	82	73	29	14	2	0	370
2,000 - 2,499 Grams (4.409 - 5.509 lbs.)	1	57	131	439	389	222	90	29	6	0	1,364
2,500 - 2,999 Grams (5.512 - 6.612 lbs.)	5	188	471	1,524	1,248	692	290	84	9	0	4,511
3,000 - 3,499 Grams (6.614 - 7.714 lbs.)	10	264	809	2,662	2,525	1,488	593	115	3	1	8,470
3,500 - 3,999 Grams (7.716 - 8.816 lbs.)	7	158	422	1,525	1,704	1,083	417	90	2	1	5,409
4,000 - 4,499 Grams (8.819 - 9.919 lbs.)	2	26	74	324	427	302	141	19	1	0	1,316
4,500 or more Grams (9.921 or more lbs.)	0	0	12	30	63	52	21	5	0	0	183
Unknown	0	0	0	5	7	6	12	3	2	0	35
Total	31	729	1,977	6,735	6,533	3,992	1,624	369	25	2	22,017

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**Selected Factors by Birthweight of Infant
West Virginia Resident Births, 2007
Table 9**

Factor	Very Low Birthweight < 1,500 grams		Low Birthweight 1,500-2,499 grams		Normal Birthweight 2,500+ grams		Unknown Birthweight		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Births	359	1.6	1,734	7.9	19,889	90.3	35	0.2	22,017	100.0
Maternal Age										
< 20 Years	53	1.9	236	8.6	2,448	89.4	0	0.0	2,737	100.0
< 15 Years	2	6.5	5	16.1	24	77.4	0	0.0	31	100.0
Maternal Race										
White	332	1.6	1,624	7.7	18,995	90.5	34	0.2	20,985	100.0
Black	25	3.2	90	11.7	656	85.1	0	0.0	771	100.0
Other	2	0.8	20	7.7	238	91.2	1	0.4	261	100.0
Births with Known Prenatal Care										
First Trimester	257	1.5	1,311	7.4	16,058	91.1	2	0.0	17,628	100.0
Second Trimester	63	2.0	271	8.7	2,797	89.3	1	0.0	3,132	100.0
Third Trimester	5	0.8	53	8.7	549	90.4	0	0.0	607	100.0
No Prenatal Care	18	14.3	27	21.4	81	64.3	0	0.0	126	100.0
Gestational Age										
< 37 Weeks	355	13.6	1,062	40.6	1,197	45.7	3	0.1	2,617	100.0
37+ Weeks	4	0.0	672	3.5	18,682	96.5	2	0.0	19,360	100.0
Unknown	0	0.0	0	0.0	10	25.0	30	75.0	40	100.0
Mother's Educational Level										
8 Years or Less	11	2.4	61	13.1	391	84.3	1	0.2	464	100.0
9-11 Years	67	1.9	326	9.4	3,089	88.7	0	0.0	3,482	100.0
12 Years	138	1.7	690	8.4	7,420	89.9	5	0.1	8,253	100.0
13-15 Years	79	1.6	343	7.1	4,406	91.2	1	0.0	4,829	100.0
16+ Years	61	1.3	281	5.9	4,399	92.7	4	0.1	4,745	100.0
Unknown	3	1.2	33	13.5	184	75.4	24	9.8	244	100.0
Mother's Marital Status										
Married	198	1.5	891	6.8	12,028	91.5	31	0.2	13,148	100.0
Not Married	161	1.8	843	9.5	7,861	88.6	4	0.0	8,869	100.0

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Number and Percent of Low Birthweight (LBW) Births By County of Residence West Virginia, 2007 **Table 10**

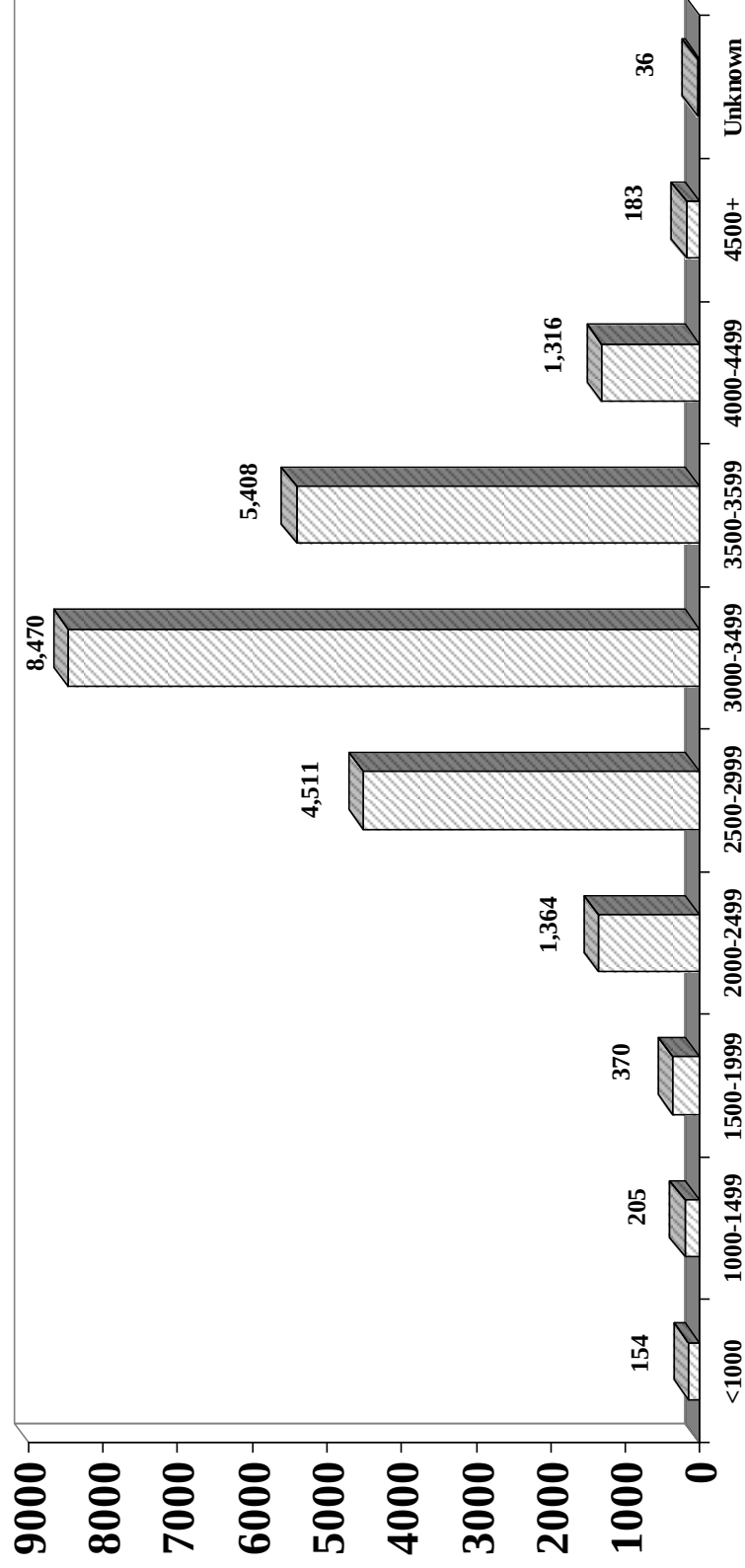
County	Number of Births	Low Birth- Weight*	Percent LBW	County	Number of Births	Low Birth- Weight*	Percent LBW
Barbour	194	21	10.8	Monongalia	907	66	7.3
Berkeley	1,517	110	7.3	Monroe	142	10	7.0
Boone	322	29	9.0	Morgan	170	20	11.8
Braxton	176	10	5.7	Nicholas	324	27	8.3
Brooke	220	17	7.7	Ohio	509	49	9.6
Cabell	1,234	166	13.5	Pendleton	72	6	8.3
Calhoun	83	7	8.4	Pleasants	82	5	6.1
Clay	147	14	9.5	Pocahontas	97	9	9.3
Doddridge	65	9	13.8	Preston	345	24	7.0
Fayette	628	50	8.0	Putnam	640	58	9.1
Gilmer	80	6	7.5	Raleigh	990	96	9.7
Grant	125	6	4.8	Randolph	347	31	8.9
Greenbrier	402	35	8.7	Ritchie	104	5	4.8
Hampshire	268	16	6.0	Roane	174	13	7.5
Hancock	319	21	6.6	Summers	122	12	9.8
Hardy	177	10	5.6	Taylor	165	9	5.5
Harrison	810	67	8.3	Tucker	83	8	9.6
Jackson	330	24	7.3	Tyler	96	3	3.1
Jefferson	725	58	8.0	Upshur	273	20	7.3
Kanawha	2,368	249	10.5	Wayne	460	58	12.6
Lewis	233	26	11.2	Webster	118	10	8.5
Lincoln	268	25	9.3	Wetzel	164	16	9.8
Logan	458	66	14.4	Wirt	50	2	4.0
McDowell	294	27	9.2	Wood	1,046	120	11.5
Marion	664	62	9.3	Wyoming	250	28	11.2
Marshall	356	31	8.7				
Mason	340	48	14.1				
Mercer	755	95	12.6	Total	22,017	2,093	9.5
Mineral	333	30	9.0				
Mingo	396	53	13.4				

* < 2,500 grams
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Birthweight in Grams*

West Virginia Resident Births, 2007

Exhibit 7



West Virginia Bureau for Public Health
Health Statistics Center, 2009

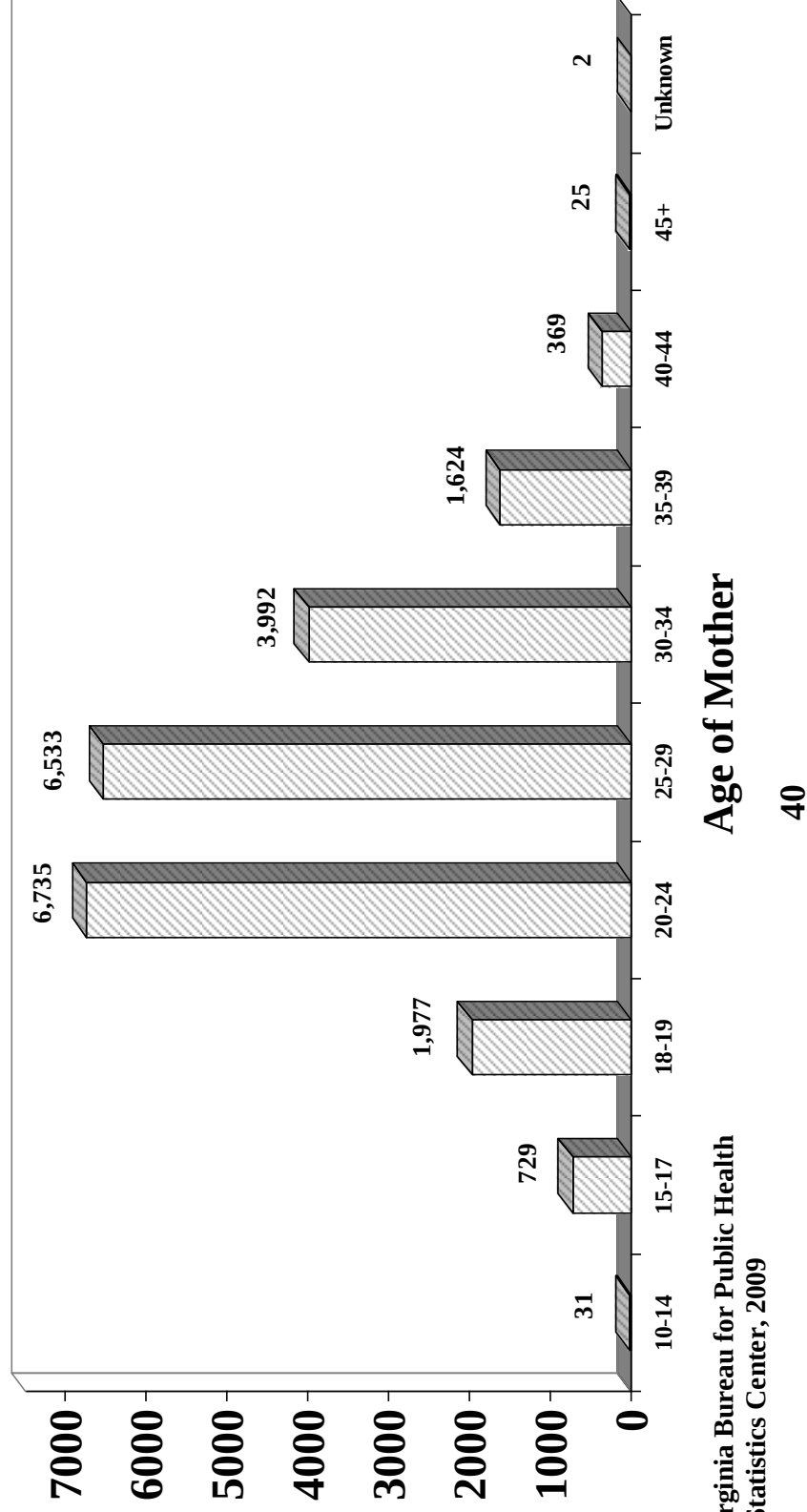
Birthweight (Grams)

*See Appendix C, Page 181 for grams/pounds conversion.

Age of Mother

West Virginia Resident Births, 2007

Exhibit 8



Age of Mother by County
West Virginia Resident Births, 2007
Table 11

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 & Over	Unk.	
Barbour	0	5	21	69	48	33	10	7	1	0	194
Berkeley	4	54	128	428	485	276	107	31	3	1	1,517
Boone	0	10	44	113	91	43	15	5	1	0	322
Braxton	0	8	25	59	49	28	7	0	0	0	176
Brooke	0	5	20	72	62	40	13	8	0	0	220
Cabell	1	52	101	381	361	232	91	15	0	0	1,234
Calhoun	0	2	8	32	19	18	3	1	0	0	83
Clay	0	8	21	65	31	19	3	0	0	0	147
Doddridge	0	0	7	16	24	8	8	2	0	0	65
Fayette	0	23	63	192	194	111	42	3	0	0	628
Gilmer	0	2	7	21	30	16	4	0	0	0	80
Grant	0	5	8	37	39	26	9	1	0	0	125
Greenbrier	1	9	41	125	113	84	24	5	0	0	402
Hampshire	0	8	22	79	87	47	18	7	0	0	268
Hancock	0	11	19	98	93	60	34	4	0	0	319
Hardy	0	7	11	58	60	29	8	4	0	0	177
Harrison	0	22	84	254	228	165	46	8	3	0	810
Jackson	0	13	25	125	90	48	25	4	0	0	330
Jefferson	1	23	48	154	211	177	81	28	2	0	725
Kanawha	5	71	202	712	660	486	186	44	2	0	2,368
Lewis	0	7	22	70	68	42	19	5	0	0	233
Lincoln	1	11	33	94	68	40	16	4	1	0	268
Logan	0	21	56	166	120	62	28	5	0	0	458
McDowell	1	22	42	109	79	31	6	3	1	0	294
Marion	2	22	61	185	211	125	45	11	1	1	664
Marshall	0	13	35	98	119	54	30	7	0	0	356
Mason	0	10	23	104	126	56	18	2	1	0	340
Mercer	4	38	79	267	206	98	47	15	1	0	755
Mineral	1	10	29	114	85	67	22	5	0	0	333
Mingo	1	12	32	146	120	61	14	9	1	0	396
Monongalia	1	21	51	204	284	207	117	22	0	0	907
Monroe	0	4	10	41	50	27	10	0	0	0	142
Morgan	0	6	13	50	43	38	18	2	0	0	170
Nicholas	1	10	30	116	94	40	23	8	2	0	324
Ohio	1	19	44	119	172	97	46	10	1	0	509
Pendleton	0	2	12	19	22	9	7	1	0	0	72
Pleasants	0	6	10	27	25	9	4	1	0	0	82
Pocahontas	0	2	8	39	28	19	1	0	0	0	97
Preston	1	7	27	114	109	49	26	12	0	0	345
Putnam	0	10	37	122	235	168	56	11	1	0	640
Raleigh	1	32	92	307	292	183	71	11	1	0	990
Randolph	0	13	36	100	102	65	28	2	1	0	347
Ritchie	0	2	10	40	31	12	6	3	0	0	104
Roane	0	4	19	56	43	38	11	3	0	0	174
Summers	0	5	10	37	39	22	9	0	0	0	122
Taylor	0	4	16	46	50	27	18	4	0	0	165
Tucker	0	2	6	34	23	10	8	0	0	0	83
Tyler	0	4	13	33	22	13	10	1	0	0	96
Upshur	0	6	16	103	80	45	18	5	0	0	273
Wayne	0	13	42	151	148	68	33	5	0	0	460
Webster	0	4	13	40	37	17	6	1	0	0	118
Wetzel	0	4	16	65	33	26	16	4	0	0	164
Wirt	0	1	5	19	11	7	5	2	0	0	50
Wood	4	25	96	325	320	179	83	14	0	0	1,046
Wyoming	0	19	28	85	63	35	15	4	1	0	250
Total	31	729	1,977	6,735	6,533	3,992	1,624	369	25	2	22,017

**Marital Status by Age of Mother
West Virginia Resident Births, 2003-2007
Table 12**

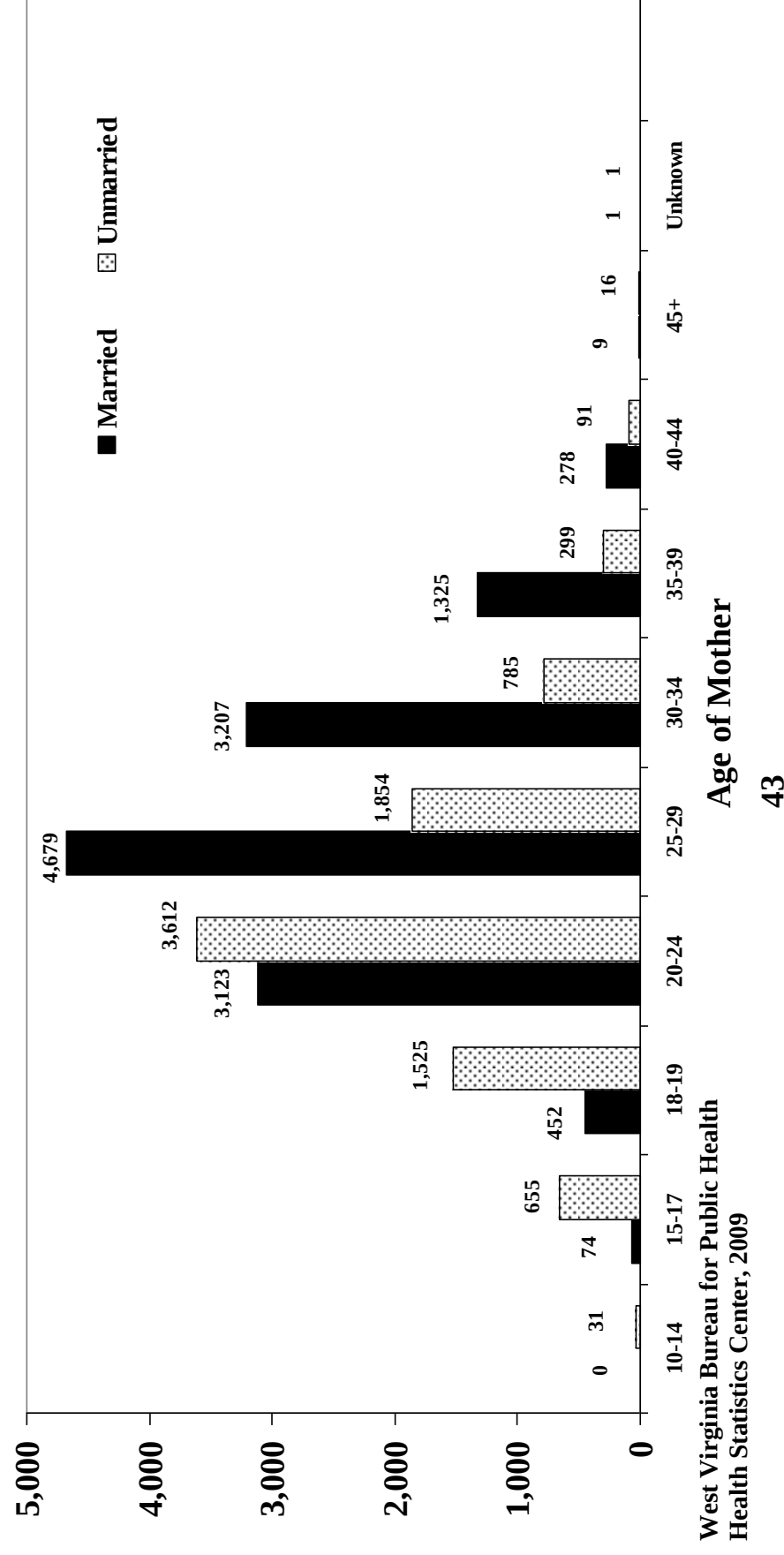
Age of Mother	2003		2004		2005		2006		2007	
	Married	Unmarried	Married	Unmarried	Married	Unmarried	Married	Unmarried	Married	Unmarried
10-14	0	34	0	28	0	22	0	19	0	31
15-17	87	624	91	621	105	602	83	656	74	655
18-19	529	1,302	493	1,256	462	1,281	488	1,356	452	1,525
20-24	3,747	3,073	3,561	3,006	3,318	3,133	3,194	3,178	3,123	3,612
25-29	4,621	1,295	4,705	1,447	4,591	1,567	4,578	1,712	4,679	1,854
30-34	3,279	573	3,305	564	3,217	661	3,056	631	3,207	785
35-39	1,253	257	1,229	253	1,290	246	1,358	284	1,325	299
40-44	231	53	259	67	252	77	245	67	278	91
45+	16	11	16	9	6	0	18	7	9	16
Unknown	0	1	1	0	4	0	1	0	1	1
Total	13,763	7,223	13,660	7,251	13,245	7,589	13,021	7,910	13,148	8,869

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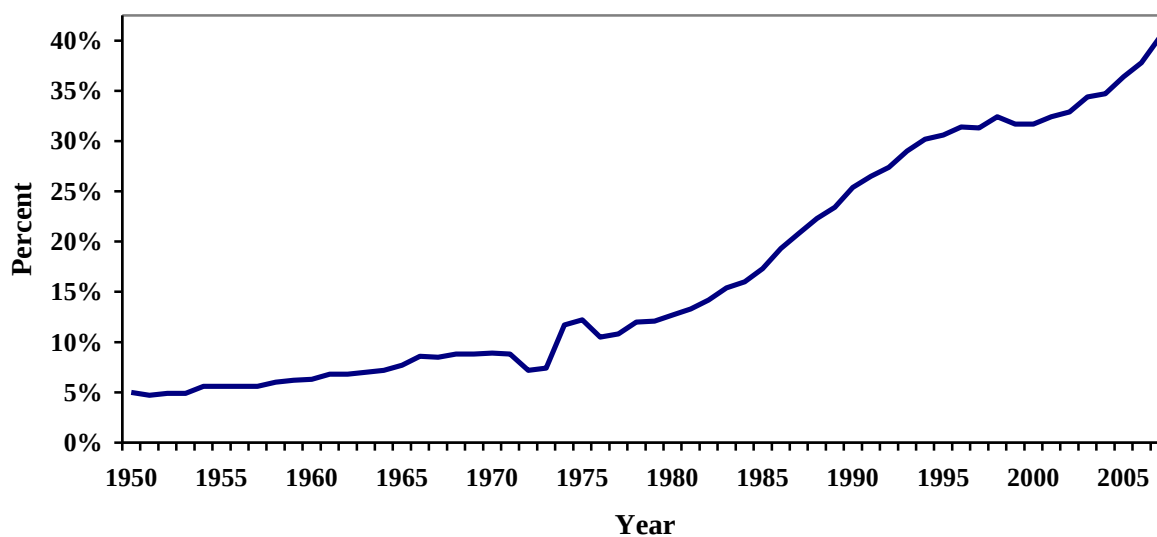
Marital Status by Age of Mother

West Virginia Resident Births, 2007

Exhibit 9



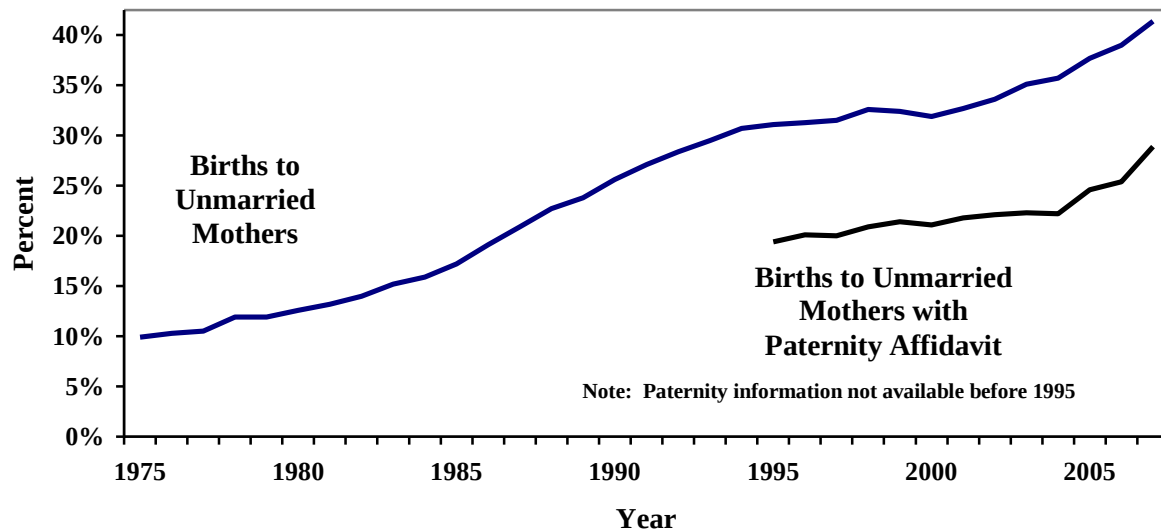
**Percent of Births to Unmarried Mothers
West Virginia Residents, 1950-2007
Exhibit 10**



Year	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
2006	7,910	37.8
2007	8,869	40.3

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**Percent of Births to Unmarried Mothers and
Unmarried Mothers with Paternity Affidavit
West Virginia Occurrences, 1975-2007
Exhibit 11**



Year	Births to Unmarried Mothers		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
2006	8,236	39.0	5,382	25.5
2007	9,076	41.4	6,326	28.9

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**Mother's Marital Status and Method of Paternity Establishment for
Unmarried Mothers by County
West Virginia Occurrence Births, 2007
Table 13**

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	0	0	0	0	0	0
Berkeley	1,032	468	564	417	25	122
Boone	0	0	0	0	0	0
Braxton	1	1	0	0	0	0
Brooke	385	231	154	125	8	21
Cabell	3,087	1,867	1,220	833	76	311
Calhoun	1	1	0	0	0	0
Clay	0	0	0	0	0	0
Doddridge	1	0	1	1	0	0
Fayette	1	1	0	0	0	0
Gilmer	0	0	0	0	0	0
Grant	277	125	152	108	5	39
Greenbrier	566	309	257	165	27	65
Hampshire	4	3	1	1	0	0
Hancock	0	0	0	0	0	0
Hardy	0	0	0	0	0	0
Harrison	914	520	394	312	17	65
Jackson	0	0	0	0	0	0
Jefferson	322	139	183	132	11	40
Kanawha	4,089	2,441	1,648	1,117	131	400
Lewis	307	169	138	93	9	36
Lincoln	0	0	0	0	0	0
Logan	388	196	192	110	22	60
McDowell	69	27	42	30	5	7
Marion	348	192	156	121	13	22
Marshall	188	90	98	67	13	18
Mason	226	106	120	83	5	32
Mercer	1,269	736	533	308	74	151
Mineral	1	1	0	0	0	0
Mingo	119	63	56	31	2	23
Monongalia	2,138	1,445	693	492	45	156
Monroe	3	3	0	0	0	0
Morgan	2	2	0	0	0	0
Nicholas	303	166	137	95	8	34
Ohio	1,333	759	574	434	39	101
Pendleton	0	0	0	0	0	0
Pleasants	0	0	0	0	0	0
Pocahontas	6	4	2	2	0	0
Preston	133	80	53	45	2	6
Putnam	37	24	13	10	2	1
Raleigh	1,692	1,027	665	444	66	155
Randolph	451	246	205	145	18	42
Ritchie	0	0	0	0	0	0
Roane	110	69	41	28	4	9
Summers	3	2	1	0	0	1
Taylor	1	0	1	1	0	0
Tucker	0	0	0	0	0	0
Tyler	0	0	0	0	0	0
Upshur	368	252	116	82	4	30
Wayne	1	1	0	0	0	0
Webster	1	1	0	0	0	0
Wetzel	0	0	0	0	0	0
Wirt	0	0	0	0	0	0
Wood	1,740	1,074	666	494	54	118
Wyoming	0	0	0	0	0	0
Total	21,917	12,841	9,076	6,326	685	2,065

West Virginia Bureau for Public Health
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**Selected Factors by Race of Mother
West Virginia Resident Births, 2007
Table 14**

Factor	White		Black		Other		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	20,985	95.3	771	3.5	261	1.2	22,017	100.0
<u>Low Birthweight</u>	1,956	9.3	115	14.9	22	8.4	2,093	9.5
<u>Maternal Age</u>								
Mothers < 20 Years	2,582	12.3	132	17.1	23	8.8	2,737	12.4
Mothers < 15 Years	24	0.1	4	0.5	3	1.1	31	0.1
<u>Births with Known Prenatal Care</u>								
First Trimester	16,888	82.5	546	71.9	194	76.1	17,628	82.0
Second Trimester	2,912	14.2	166	21.9	54	21.2	3,132	14.6
Third Trimester	561	2.7	40	5.3	6	2.4	607	2.8
No Prenatal Care	118	0.6	7	0.9	1	0.4	126	0.6
<u>Gestational Age</u>								
< 37 Weeks	2,489	11.9	106	13.7	22	8.4	2,617	11.9
37+ Weeks	18,459	88.0	663	86.0	238	91.2	19,360	87.9
Unknown	37	0.2	2	0.3	1	0.4	40	0.2

West Virginia Bureau for Public Health
Health Statistics Center, 2009

Births by Month by County
West Virginia Residents, 2007
Table 15

County	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Barbour	19	11	21	16	17	11	16	23	14	9	15	22	194
Berkeley	107	134	128	129	139	134	147	135	104	115	121	124	1,517
Boone	25	15	31	26	33	29	40	31	19	26	30	17	322
Braxton	13	11	16	13	12	12	11	21	23	11	12	21	176
Brooke	15	16	23	21	22	15	16	20	20	24	15	13	220
Cabell	110	101	90	117	94	116	114	118	96	108	76	94	1,234
Calhoun	8	1	8	13	3	8	6	8	10	4	8	6	83
Clay	9	11	10	16	13	13	15	16	17	10	6	11	147
Doddridge	9	6	4	3	4	3	6	6	7	7	6	4	65
Fayette	51	53	49	52	50	57	56	62	48	58	48	44	628
Gilmer	7	5	6	2	9	5	9	8	8	10	4	7	80
Grant	7	10	6	19	8	15	11	9	8	14	8	10	125
Greenbrier	31	19	52	32	40	32	29	39	33	39	25	31	402
Hampshire	21	13	26	18	34	28	13	21	17	25	23	29	268
Hancock	28	20	31	24	24	23	18	27	40	39	23	22	319
Hardy	14	9	12	22	17	15	14	16	13	20	8	17	177
Harrison	55	56	65	61	81	65	71	79	70	62	65	80	810
Jackson	21	28	34	25	27	35	28	33	22	31	22	24	330
Jefferson	55	54	65	50	69	67	64	50	66	61	63	61	725
Kanawha	199	175	193	173	214	209	217	206	177	216	195	194	2,368
Lewis	16	16	21	25	22	21	14	17	14	26	25	16	233
Lincoln	28	21	21	20	15	20	22	17	26	29	30	19	268
Logan	49	35	37	31	36	47	39	40	40	32	34	38	458
McDowell	19	24	26	30	24	16	27	33	26	13	29	27	294
Marion	53	52	50	45	54	56	65	57	66	56	49	61	664
Marshall	23	36	27	23	34	33	31	35	36	32	16	30	356
Mason	19	10	31	26	33	40	23	27	25	26	42	38	340
Mercer	71	69	71	66	65	57	56	78	48	66	46	62	755
Mineral	29	24	31	19	34	26	41	29	26	20	25	29	333
Mingo	40	29	28	36	35	27	33	35	30	34	41	28	396
Monongalia	73	46	91	71	74	77	100	89	69	76	74	67	907
Monroe	9	11	13	14	12	14	14	13	6	10	7	19	142
Morgan	11	16	16	14	11	11	16	16	14	12	14	19	170
Nicholas	19	19	27	33	29	35	26	28	29	29	30	20	324
Ohio	42	38	39	33	52	39	48	47	46	43	44	38	509
Pendleton	3	7	6	6	9	6	2	7	9	7	7	3	72
Pleasants	7	4	8	9	13	2	7	6	11	5	2	8	82
Pocahontas	3	7	6	5	8	11	9	10	10	13	8	7	97
Preston	31	23	31	29	40	31	17	21	37	27	32	26	345
Putnam	56	55	57	53	56	51	56	56	62	46	42	50	640
Raleigh	78	79	81	58	97	86	77	96	83	87	83	85	990
Randolph	30	35	29	30	24	27	32	42	22	25	30	21	347
Ritchie	8	6	4	11	9	8	9	14	9	10	7	9	104
Roane	11	17	9	15	14	12	21	15	19	12	10	19	174
Summers	12	7	10	8	12	6	15	10	7	13	10	12	122
Taylor	11	18	16	18	9	12	10	15	10	12	13	21	165
Tucker	5	6	5	7	11	10	4	8	5	9	10	3	83
Tyler	7	4	6	8	9	11	11	10	9	5	8	8	96
Upshur	18	26	29	15	21	22	33	25	18	22	24	20	273
Wayne	46	41	46	44	33	35	33	34	49	28	38	33	460
Webster	10	12	9	9	5	6	12	10	14	11	10	10	118
Wetzel	11	13	9	8	12	16	10	25	14	18	17	11	164
Wirt	7	3	7	2	4	3	4	2	5	6	2	5	50
Wood	66	86	94	68	81	86	87	100	89	96	97	96	1,046
Wyoming	21	21	23	20	12	19	32	18	19	21	25	19	250
Total	1,746	1,664	1,884	1,741	1,919	1,871	1,937	2,013	1,814	1,866	1,754	1,808	22,017

West Virginia Bureau for Public Health
Health Statistics Center, 2009

**Place of Delivery, Gender of Child by Race and Marital Status of Mother,
By County
West Virginia Resident Births, 2007
Table 16**

County	Place of Delivery		White		Black		Other		Number of Births to Unmarried Mothers	Total
	Hospital*	Nonhospital**	Male	Female	Male	Female	Male	Female		
Barbour	194	0	96	95	0	0	1	2	75	194
Berkeley	1,500	17	690	686	57	52	19	13	623	1,517
Boone	321	1	173	148	1	0	0	0	133	322
Braxton	175	1	87	89	0	0	0	0	76	176
Brooke	218	2	124	93	2	0	1	0	94	220
Cabell	1,225	9	582	575	36	28	6	7	570	1,234
Calhoun	82	1	43	40	0	0	0	0	36	83
Clay	147	0	77	68	1	1	0	0	69	147
Doddridge	64	1	32	33	0	0	0	0	26	65
Fayette	624	4	301	292	13	18	2	2	252	628
Gilmer	80	0	43	36	0	0	1	0	25	80
Grant	125	0	72	52	0	0	1	0	49	125
Greenbrier	397	5	173	209	5	7	6	2	166	402
Hampshire	264	4	132	134	0	2	0	0	96	268
Hancock	315	4	163	146	1	1	8	0	139	319
Hardy	177	0	97	74	1	0	2	3	73	177
Harrison	809	1	396	394	6	6	4	4	351	810
Jackson	329	1	155	175	0	0	0	0	113	330
Jefferson	719	6	325	325	29	26	11	9	271	725
Kanawha	2,348	20	1,120	1,042	100	85	13	8	1,067	2,368
Lewis	232	1	124	107	0	0	0	2	100	233
Lincoln	266	2	148	118	1	0	1	0	114	268
Logan	458	0	235	222	1	0	0	0	191	458
McDowell	291	3	145	122	13	11	2	1	141	294
Marion	664	0	332	300	15	15	1	1	251	664
Marshall	353	3	170	182	0	2	0	2	157	356
Mason	338	2	172	161	3	0	2	2	143	340
Mercer	754	1	334	363	19	32	4	3	349	755
Mineral	332	1	167	158	5	3	0	0	149	333
Mingo	395	1	205	189	0	2	0	0	142	396
Monongalia	904	3	434	394	26	15	17	21	274	907
Monroe	139	3	71	71	0	0	0	0	45	142
Morgan	168	2	93	74	0	2	1	0	67	170
Nicholas	323	1	165	157	0	0	2	0	129	324
Ohio	508	1	228	240	12	12	8	9	237	509
Pendleton	72	0	30	37	4	1	0	0	20	72
Pleasants	82	0	42	39	0	0	0	1	42	82
Pocahontas	93	4	39	50	3	4	0	1	50	97
Preston	344	1	170	169	1	0	3	2	120	345
Putnam	630	10	319	307	1	3	3	7	167	640
Raleigh	987	3	474	440	37	30	6	3	364	990
Randolph	347	0	175	165	2	4	0	1	157	347
Ritchie	103	1	48	55	0	0	1	0	38	104
Roane	173	1	85	89	0	0	0	0	41	174
Summers	119	3	67	53	0	2	0	0	46	122
Taylor	165	0	91	74	0	0	0	0	59	165
Tucker	83	0	40	43	0	0	0	0	34	83
Tyler	96	0	50	46	0	0	0	0	30	96
Upshur	273	0	138	130	1	1	2	1	87	273
Wayne	457	3	240	218	1	0	1	0	159	460
Webster	118	0	64	54	0	0	0	0	43	118
Wetzel	164	0	81	79	1	0	1	2	66	164
Wirt	50	0	25	25	0	0	0	0	22	50
Wood	1,037	9	530	486	2	6	13	9	440	1,046
Wyoming	248	2	144	106	0	0	0	0	91	250
Total	21,879	138	10,756	10,229	400	371	143	118	8,869	22,017

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

** Includes 27 unknowns.

Trimester Prenatal Care Began by County
West Virginia Residents, 2007
Table 17

County	First Trimester		Second Trimester		Third Trimester		No Care		Unknown		Total
	Births	%	Births	%	Births	%	Births	%	Births	%	
Barbour	168	86.6	23	11.9	3	1.5	0	0.0	0	0.0	194
Berkeley	1,248	82.3	202	13.3	42	2.8	4	0.3	21	1.4	1,517
Boone	236	73.3	56	17.4	13	4.0	4	1.2	13	4.0	322
Braxton	130	73.9	33	18.8	7	4.0	1	0.6	5	2.8	176
Brooke	136	61.8	51	23.2	7	3.2	4	1.8	22	10.0	220
Cabell	1,028	83.3	162	13.1	22	1.8	9	0.7	13	1.1	1,234
Calhoun	65	78.3	10	12.0	6	7.2	0	0.0	2	2.4	83
Clay	113	76.9	24	16.3	8	5.4	1	0.7	1	0.7	147
Doddridge	58	89.2	6	9.2	0	0.0	1	1.5	0	0.0	65
Fayette	500	79.6	103	16.4	15	2.4	4	0.6	6	1.0	628
Gilmer	70	87.5	7	8.8	2	2.5	0	0.0	1	1.3	80
Grant	108	86.4	12	9.6	3	2.4	1	0.8	1	0.8	125
Greenbrier	361	89.8	30	7.5	4	1.0	2	0.5	5	1.2	402
Hampshire	230	85.8	28	10.4	8	3.0	2	0.7	0	0.0	268
Hancock	156	48.9	107	33.5	20	6.3	1	0.3	35	11.0	319
Hardy	151	85.3	22	12.4	4	2.3	0	0.0	0	0.0	177
Harrison	745	92.0	58	7.2	3	0.4	2	0.2	2	0.2	810
Jackson	283	85.8	30	9.1	11	3.3	1	0.3	5	1.5	330
Jefferson	627	86.5	68	9.4	15	2.1	4	0.6	11	1.5	725
Kanawha	1,923	81.2	354	14.9	66	2.8	14	0.6	11	0.5	2,368
Lewis	198	85.0	28	12.0	1	0.4	1	0.4	5	2.1	233
Lincoln	203	75.7	50	18.7	10	3.7	1	0.4	4	1.5	268
Logan	265	57.9	93	20.3	21	4.6	1	0.2	78	17.0	458
McDowell	186	63.3	74	25.2	18	6.1	7	2.4	9	3.1	294
Marion	540	81.3	103	15.5	12	1.8	4	0.6	5	0.8	664
Marshall	284	79.8	54	15.2	10	2.8	1	0.3	7	2.0	356
Mason	178	52.4	94	27.6	57	16.8	3	0.9	8	2.4	340
Mercer	571	75.6	143	18.9	12	1.6	11	1.5	18	2.4	755
Mineral	262	78.7	59	17.7	7	2.1	2	0.6	3	0.9	333
Mingo	241	60.9	61	15.4	19	4.8	0	0.0	75	18.9	396
Monongalia	698	77.0	198	21.8	6	0.7	3	0.3	2	0.2	907
Monroe	116	81.7	22	15.5	3	2.1	1	0.7	0	0.0	142
Morgan	136	80.0	33	19.4	0	0.0	0	0.0	1	0.6	170
Nicholas	231	71.3	70	21.6	15	4.6	1	0.3	7	2.2	324
Ohio	397	78.0	74	14.5	14	2.8	6	1.2	18	3.5	509
Pendleton	63	87.5	5	6.9	3	4.2	1	1.4	0	0.0	72
Pleasants	64	78.0	7	8.5	9	11.0	0	0.0	2	2.4	82
Pocahontas	79	81.4	9	9.3	6	6.2	0	0.0	3	3.1	97
Preston	278	80.6	56	16.2	5	1.4	1	0.3	5	1.4	345
Putnam	558	87.2	64	10.0	12	1.9	3	0.5	3	0.5	640
Raleigh	834	84.2	110	11.1	20	2.0	7	0.7	19	1.9	990
Randolph	288	83.0	43	12.4	4	1.2	3	0.9	9	2.6	347
Ritchie	87	83.7	12	11.5	3	2.9	0	0.0	2	1.9	104
Roane	147	84.5	15	8.6	5	2.9	2	1.1	5	2.9	174
Summers	102	83.6	15	12.3	1	0.8	1	0.8	3	2.5	122
Taylor	143	86.7	18	10.9	1	0.6	1	0.6	2	1.2	165
Tucker	69	83.1	12	14.5	1	1.2	0	0.0	1	1.2	83
Tyler	74	77.1	10	10.4	10	10.4	0	0.0	2	2.1	96
Upshur	232	85.0	25	9.2	6	2.2	0	0.0	10	3.7	273
Wayne	377	82.0	47	10.2	5	1.1	1	0.2	30	6.5	460
Webster	82	69.5	29	24.6	6	5.1	1	0.8	0	0.0	118
Wetzel	140	85.4	19	11.6	1	0.6	1	0.6	3	1.8	164
Wirt	43	86.0	2	4.0	4	8.0	0	0.0	1	2.0	50
Wood	926	88.5	62	5.9	33	3.2	4	0.4	21	2.0	1,046
Wyoming	200	80.0	30	12.0	8	3.2	3	1.2	9	3.6	250
Total	17,628	80.1	3,132	14.2	607	2.8	126	0.6	524	2.4	22,017

**Number of Prenatal Visits by County
West Virginia Resident Births, 2007
Table 18**

County	Number of Prenatal Visits												Total
	No Visits		1 - 5		6 - 10		11 - 15		16+		Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Barbour	0	0.0	8	4.1	33	17.0	119	61.3	34	17.5	0	0.0	194
Berkeley	4	0.3	64	4.2	349	23.0	944	62.2	135	8.9	21	1.4	1,517
Boone	5	1.6	27	8.4	129	40.1	136	42.2	14	4.3	11	3.4	322
Braxton	1	0.6	11	6.2	69	39.2	80	45.5	13	7.4	2	1.1	176
Brooke	4	1.8	4	1.8	74	33.6	127	57.7	10	4.5	1	0.5	220
Cabell	9	0.7	61	4.9	491	39.8	573	46.4	95	7.7	5	0.4	1,234
Calhoun	0	0.0	13	15.7	29	34.9	33	39.8	7	8.4	1	1.2	83
Clay	2	1.4	17	11.6	64	43.5	57	38.8	7	4.8	0	0.0	147
Doddridge	1	1.5	1	1.5	8	12.3	43	66.2	12	18.5	0	0.0	65
Fayette	5	0.8	45	7.2	147	23.4	321	51.1	108	17.2	2	0.3	628
Gilmer	0	0.0	4	5.0	11	13.8	52	65.0	12	15.0	1	1.3	80
Grant	1	0.8	5	4.0	30	24.0	65	52.0	24	19.2	0	0.0	125
Greenbrier	5	1.2	10	2.5	36	9.0	282	70.1	67	16.7	2	0.5	402
Hampshire	2	0.7	10	3.7	42	15.7	207	77.2	6	2.2	1	0.4	268
Hancock	2	0.6	15	4.7	108	33.9	156	48.9	32	10.0	6	1.9	319
Hardy	0	0.0	7	4.0	27	15.3	119	67.2	24	13.6	0	0.0	177
Harrison	2	0.2	13	1.6	92	11.4	538	66.4	164	20.2	1	0.1	810
Jackson	1	0.3	20	6.1	82	24.8	187	56.7	39	11.8	1	0.3	330
Jefferson	5	0.7	17	2.3	152	21.0	461	63.6	83	11.4	7	1.0	725
Kanawha	16	0.7	203	8.6	950	40.1	976	41.2	213	9.0	10	0.4	2,368
Lewis	2	0.9	6	2.6	30	12.9	149	63.9	44	18.9	2	0.9	233
Lincoln	1	0.4	10	3.7	98	36.6	130	48.5	26	9.7	3	1.1	268
Logan	1	0.2	54	11.8	223	48.7	114	24.9	27	5.9	39	8.5	458
McDowell	7	2.4	33	11.2	90	30.6	141	48.0	21	7.1	2	0.7	294
Marion	5	0.8	19	2.9	136	20.5	431	64.9	73	11.0	0	0.0	664
Marshall	1	0.3	11	3.1	110	30.9	220	61.8	12	3.4	2	0.6	356
Mason	4	1.2	25	7.4	112	32.9	170	50.0	23	6.8	6	1.8	340
Mercer	18	2.4	43	5.7	176	23.3	419	55.5	98	13.0	1	0.1	755
Mineral	2	0.6	21	6.3	161	48.3	133	39.9	15	4.5	1	0.3	333
Mingo	0	0.0	34	8.6	133	33.6	151	38.1	57	14.4	21	5.3	396
Monongalia	3	0.3	29	3.2	213	23.5	593	65.4	69	7.6	0	0.0	907
Monroe	1	0.7	6	4.2	37	26.1	85	59.9	13	9.2	0	0.0	142
Morgan	0	0.0	8	4.7	38	22.4	117	68.8	5	2.9	2	1.2	170
Nicholas	4	1.2	21	6.5	113	34.9	164	50.6	20	6.2	2	0.6	324
Ohio	6	1.2	7	1.4	136	26.7	345	67.8	12	2.4	3	0.6	509
Pendleton	1	1.4	0	0.0	15	20.8	43	59.7	13	18.1	0	0.0	72
Pleasants	0	0.0	1	1.2	14	17.1	46	56.1	20	24.4	1	1.2	82
Pocahontas	0	0.0	10	10.3	29	29.9	53	54.6	5	5.2	0	0.0	97
Preston	1	0.3	22	6.4	100	29.0	200	58.0	21	6.1	1	0.3	345
Putnam	3	0.5	24	3.7	270	42.2	283	44.2	57	8.9	3	0.5	640
Raleigh	8	0.8	57	5.8	192	19.4	542	54.7	190	19.2	1	0.1	990
Randolph	3	0.9	15	4.3	78	22.5	212	61.1	38	11.0	1	0.3	347
Ritchie	0	0.0	3	2.9	16	15.4	63	60.6	22	21.2	0	0.0	104
Roane	2	1.1	21	12.1	55	31.6	74	42.5	20	11.5	2	1.1	174
Summers	1	0.8	3	2.5	27	22.1	70	57.4	21	17.2	0	0.0	122
Taylor	1	0.6	4	2.4	35	21.2	102	61.8	23	13.9	0	0.0	165
Tucker	0	0.0	2	2.4	27	32.5	43	51.8	11	13.3	0	0.0	83
Tyler	0	0.0	5	5.2	20	20.8	57	59.4	11	11.5	3	3.1	96
Upshur	0	0.0	7	2.6	39	14.3	186	68.1	39	14.3	2	0.7	273
Wayne	2	0.4	19	4.1	202	43.9	210	45.7	22	4.8	5	1.1	460
Webster	1	0.8	7	5.9	49	41.5	54	45.8	7	5.9	0	0.0	118
Wetzel	1	0.6	5	3.0	50	30.5	99	60.4	9	5.5	0	0.0	164
Wirt	0	0.0	0	0.0	7	14.0	32	64.0	11	22.0	0	0.0	50
Wood	7	0.7	32	3.1	154	14.7	585	55.9	263	25.1	5	0.5	1,046
Wyoming	3	1.2	18	7.2	76	30.4	113	45.2	34	13.6	6	2.4	250
Total	154	0.7	1,137	5.2	6,184	28.1	11,905	54.1	2,451	11.1	186	0.8	22,017

West Virginia Bureau for Public Health
Health Statistics Center, 2009

Prenatal Care by Mother's Race, Marital Status, and Education
West Virginia Resident Births, 2007
Table 19

Birth Characteristics	Time Prenatal Care Began					Total
	First Trimester	Second Trimester	Third Trimester	No Care	Unk.	
Mother's Race: White	16,888	2,912	561	118	506	20,985
Mother's Marital Status						
Married	10,836	1,333	263	32	285	12,749
Not Married	6,052	1,579	298	86	221	8,236
Mother's Educational Level						
8 Years and Under	305	93	18	7	17	440
9 - 11 Years	2,374	693	138	24	102	3,331
12 Years	6,231	1,196	226	51	200	7,904
13 - 15 Years	3,840	554	107	14	72	4,587
16 Years or More	4,012	340	64	10	69	4,495
Unknown	126	36	8	12	46	228
Mother's Race: Black	546	166	40	7	12	771
Mother's Marital Status						
Married	161	32	11	1	0	205
Not Married	385	134	29	6	12	566
Mother's Educational Level						
8 Years and Under	6	5	1	0	1	13
9 - 11 Years	80	32	8	2	2	124
12 Years	205	69	17	2	4	297
13 - 15 Years	145	35	7	1	3	191
16 Years or More	102	22	5	2	1	132
Unknown	8	3	2	0	1	14
Mother's Race: Other	194	54	6	1	6	261
Mother's Marital Status						
Married	153	34	3	1	3	194
Not Married	41	20	3	0	3	67
Mother's Educational Level						
8 Years and Under	9	1	1	0	0	11
9 - 11 Years	17	7	1	0	2	27
12 Years	35	15	1	0	1	52
13 - 15 Years	37	11	2	0	1	51
16 Years or More	95	20	1	1	1	118
Unknown	1	0	0	0	1	2

**Pregnancy Risk Factors, Cesarean Sections, Delivery Complications,
Congenital Anomalies, and/or Abnormal Conditions of the Newborn
Percent by County of Residence
West Virginia Resident Births, 2007
Table 20**

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	26.8	27.3	20.6	11.3	30.4	4.6	6.2
Berkeley	0.7	20.6	58.0	17.3	16.3	29.1	1.5	7.3
Boone	0.0	36.0	30.4	23.6	20.2	32.6	0.3	1.9
Braxton	0.6	30.7	29.5	14.2	13.1	23.3	2.3	3.4
Brooke	0.9	27.3	29.5	27.3	15.0	26.8	3.6	2.7
Cabell	0.2	25.4	32.5	22.8	12.9	34.9	0.8	2.0
Calhoun	0.0	37.3	19.3	18.1	12.0	24.1	0.0	1.2
Clay	0.0	32.7	29.3	20.4	14.3	23.8	2.0	2.0
Doddridge	0.0	30.8	20.0	20.0	21.5	29.2	0.0	1.5
Fayette	0.5	30.4	61.6	16.9	14.0	34.4	5.4	10.5
Gilmer	0.0	22.5	28.8	32.5	11.3	37.5	1.3	3.7
Grant	0.8	27.2	41.6	25.6	15.2	58.4	3.2	4.0
Greenbrier	0.2	28.4	32.1	9.2	11.2	44.8	9.5	38.6
Hampshire	0.0	18.7	34.7	17.5	14.6	29.1	2.2	3.4
Hancock	0.9	25.4	26.0	22.3	12.5	26.3	0.9	3.1
Hardy	0.6	16.4	45.8	23.7	16.4	52.5	1.1	5.6
Harrison	0.2	26.3	27.8	25.1	14.0	27.8	1.4	5.9
Jackson	0.3	25.5	24.5	19.4	14.8	27.6	0.6	0.9
Jefferson	1.0	19.6	48.6	17.0	14.5	34.3	1.8	8.3
Kanawha	0.0	26.8	34.2	25.8	16.6	33.4	0.2	1.2
Lewis	0.4	23.2	31.3	23.6	14.6	27.9	2.6	6.4
Lincoln	0.0	40.7	29.5	21.6	17.5	35.4	0.4	1.9
Logan	0.2	40.6	27.7	26.0	17.2	25.5	0.9	1.1
McDowell	1.4	45.2	37.4	22.4	14.3	27.9	1.7	4.4
Marion	0.8	23.8	35.4	23.2	8.7	40.4	2.3	15.7
Marshall	0.3	29.5	36.8	20.8	17.4	29.2	1.4	3.1
Mason	0.0	30.9	28.8	22.9	14.4	28.5	0.6	3.2
Mercer	0.3	33.0	40.9	16.6	13.9	27.7	2.3	3.3
Mineral	0.0	22.5	43.5	20.1	15.6	36.9	1.8	12.6
Mingo	0.0	31.8	20.7	27.5	27.3	15.2	0.3	1.0

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**Pregnancy Risk Factors, Cesarean Sections, Delivery Complications,
Congenital Anomalies, and/or Abnormal Conditions of the Newborn
Percent by County of Residence
West Virginia Resident Births, 2007
Table 20 (continued)**

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			
Monongalia	0.9	16.9	23.8	23.4	7.5	28.9	2.1	4.2
Monroe	0.0	24.6	38.0	16.9	15.5	44.4	3.5	12.7
Morgan	0.6	27.1	48.2	21.2	17.6	34.1	1.2	5.3
Nicholas	0.3	22.8	46.3	17.0	15.7	32.4	1.9	9.3
Ohio	0.0	25.0	32.4	20.0	14.7	25.1	1.2	4.1
Pendleton	0.0	22.2	40.3	16.7	16.7	38.9	1.4	13.9
Pleasants	0.0	23.2	13.4	23.2	12.2	25.6	0.0	1.2
Pocahontas	0.0	42.3	26.8	15.5	9.3	34.0	6.2	22.7
Preston	0.0	30.4	31.3	21.4	8.4	50.7	2.6	11.9
Putnam	0.0	17.2	33.9	25.3	17.7	34.7	0.3	2.3
Raleigh	0.0	24.5	69.0	18.3	11.7	32.7	9.2	13.3
Randolph	0.3	31.7	25.1	21.3	12.1	32.9	1.4	3.2
Ritchie	0.0	26.0	12.5	15.4	13.5	23.1	0.0	1.0
Roane	0.0	32.2	28.7	23.6	9.2	32.2	1.1	3.4
Summers	0.8	31.1	55.7	16.4	18.9	38.5	6.6	17.2
Taylor	0.6	27.3	35.8	23.0	13.9	32.1	1.8	6.7
Tucker	0.0	25.3	24.1	19.3	7.2	36.1	1.2	6.0
Tyler	0.0	22.9	37.5	17.7	14.6	22.9	0.0	4.2
Upshur	0.0	28.2	24.2	15.8	9.2	23.1	0.7	4.0
Wayne	0.0	32.0	27.0	20.2	16.5	27.0	0.0	1.7
Webster	0.0	25.4	31.4	16.9	11.9	28.8	1.7	5.9
Wetzel	0.6	29.3	41.5	22.0	19.5	25.6	1.8	6.7
Wirt	0.0	26.0	10.0	8.0	18.0	12.0	0.0	2.0
Wood	0.6	26.3	19.9	17.7	14.8	24.0	0.9	2.5
Wyoming	0.4	39.6	62.8	16.8	16.0	35.6	5.2	12.4
Total	0.3	26.7	36.6	20.9	14.5	31.4	2.0	5.9

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**Births by Method of Delivery
Number and Percent by Facility of Occurrence
West Virginia, 2007
Table 21**

Hospital	Method of Delivery											
	Total	Vaginal		Vaginal after C-Section		Total C-Section		Primary C-Section		Repeat C-Section		
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Bluefield Regional Medical Center	739	497	67.3	7	0.9	234	31.7	113	15.3	121	16.4	
CAMC - Women & Children's	3,173	1,860	58.6	4	0.1	1,308	41.2	808	25.5	500	15.8	
Cabell-Huntington Hospital	2,622	1,642	62.6	4	0.2	976	37.2	570	21.7	406	15.5	
Camden-Clark Memorial Hospital	1,405	937	66.7	9	0.6	458	32.6	239	17.0	219	15.6	
City Hospital	1,017	700	68.8	1	0.1	314	30.9	153	15.0	161	15.8	
Davis Memorial Hospital	451	299	66.3	1	0.2	146	32.4	91	20.2	55	12.2	
Fairmont General Hospital	348	249	71.6	1	0.3	98	28.2	54	15.5	44	12.6	
Grafton City Hospital	1	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	
Grant Memorial Hospital	276	173	62.7	0	0.0	102	37.0	67	24.3	35	12.7	
Greenbrier Valley Hospital	561	428	76.3	10	1.8	123	21.9	56	10.0	67	11.9	
Hampshire Memorial Hospital	1	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	
Jefferson Memorial Hospital	318	239	75.2	2	0.6	76	23.9	39	12.3	37	11.6	
Logan Regional Medical Center	388	227	58.5	1	0.3	154	39.7	76	19.6	78	20.1	
Monongalia General Hospital	748	508	67.9	0	0.0	223	29.8	211	28.2	12	1.6	
Ohio Valley Medical Center	548	363	66.2	3	0.5	174	31.8	97	17.7	77	14.1	
Pleasant Valley Hospital	225	131	58.2	0	0.0	94	41.8	60	26.7	34	15.1	
Preston Memorial Hospital	133	98	73.7	3	2.3	32	24.1	17	12.8	15	11.3	
Princeton Community Hospital	529	352	66.5	1	0.2	173	32.7	110	20.8	63	11.9	
Raleigh General Hospital	1,687	1,189	70.5	9	0.5	465	27.6	255	15.1	210	12.4	

West Virginia Bureau for Public Health
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**Births by Method of Delivery
Number and Percent by Facility of Occurrence
West Virginia, 2007
Table 21 (continued)**

Hospital	Method of Delivery									
	Vaginal		Vaginal after C-Section		Total C-Section		Primary C-Section		Repeat C-Section	
Total	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Reynolds Memorial Hospital	186	61.3	1	0.5	65	34.9	31	16.7	34	18.3
Roane General Hospital	110	70.9	0	0.0	31	28.2	19	17.3	12	10.9
St. Joseph's Hospital (Upshur)	368	81.2	1	0.3	64	17.4	38	10.3	26	7.1
St. Joseph's Hospital (Wood)	324	67.9	7	2.2	95	29.3	57	17.6	38	11.7
St. Mary's Medical Center	460	70.4	4	0.9	132	28.7	84	18.3	48	10.4
Stonewall Jackson Memorial Hospital	306	65.7	6	2.0	97	31.7	64	20.9	33	10.8
Summersville Memorial Hospital	303	67.7	5	1.7	89	29.4	47	15.5	42	13.9
Thomas Memorial Hospital	914	47.9	1	0.1	475	52.0	275	30.1	200	21.9
United Hospital Center	913	58.5	15	1.6	364	39.9	222	24.3	142	15.6
Webster County Memorial Hospital	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0
Weirton Medical Center	384	59.6	0	0.0	148	38.5	99	25.8	49	12.8
Welch Community Hospital	67	50.7	0	0.0	33	49.3	17	25.4	16	23.9
Wheeling Hospital	783	61.4	4	0.5	297	37.9	180	23.0	117	14.9
Williamson Memorial Hospital	118	16.1	0	0.0	99	83.9	37	31.4	62	52.5
WomenCare, Inc.	3	100.0	0	0.0	0	0.0	0	0.0	0	0.0
WVU Hospitals, Inc.	1,385	57.5	32	2.3	555	40.1	379	27.4	176	12.7
--Nonhospital births	122	91.8	9	7.4	1	0.8	0	0.0	1	0.8
Total West Virginia Occurrences	21,917	63.8	141	0.6	7,695	35.1	4,565	20.8	3,130	14.3

West Virginia Bureau for Public Health
Health Statistics Center, 2009

**Mother's Marital Status and Method of Paternity Establishment for
Unmarried Mothers by Hospital of Birth
West Virginia Occurrence Births, 2007
Table 22**

Hospital	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	
Bluefield Regional Medical Center	739	377	362	209	46	107
CAMC - Women & Children's	3,173	1,964	1,209	797	101	311
Cabell-Huntington Hospital	2,622	1,546	1,076	720	64	292
Camden-Clark Memorial Hospital	1,405	815	590	439	47	104
City Hospital	1,017	461	556	411	25	120
Davis Memorial Hospital	451	246	205	145	18	42
Fairmont General Hospital	348	192	156	121	13	22
Grafton City Hospital	1	0	1	1	0	0
Grant Memorial Hospital	276	125	151	108	5	38
Greenbrier Valley Hospital	561	304	257	165	27	65
Hampshire Memorial Hospital	1	0	1	1	0	0
Jefferson Memorial Hospital	318	135	183	132	11	40
Logan Regional Medical Center	388	196	192	110	22	60
Monongalia General Hospital	748	531	217	162	16	39
Ohio Valley Medical Center	548	315	233	173	18	42
Pleasant Valley Hospital	225	105	120	83	5	32
Preston Memorial Hospital	133	80	53	45	2	6
Princeton Community Hospital	529	358	171	99	28	44
Raleigh General Hospital	1,687	1,023	664	443	66	155
Reynolds Memorial Hospital	186	88	98	67	13	18
Roane General Hospital	110	69	41	28	4	9
St. Joseph's Hospital (Upshur)	368	252	116	82	4	30
St. Joseph's Hospital (Wood)	324	248	76	55	7	14
St. Mary's Medical Center	460	318	142	111	12	19
Stonewall Jackson Memorial Hospital	306	168	138	93	9	36
Summersville Memorial Hospital	303	166	137	95	8	34
Thomas Memorial Hospital	914	476	438	320	29	89
United Hospital Center	913	520	393	311	17	65
Webster County Memorial Hospital	1	1	0	0	0	0
Weirton Medical Center	384	230	154	125	8	21
Welch Community Hospital	67	26	41	30	5	6
Wheeling Hospital	783	443	340	260	21	59
Williamson Memorial Hospital	118	62	56	31	2	23
WomanCARE, Inc.	3	2	1	1	0	0
WVU Hospitals, Inc.	1,385	911	474	330	29	115
--Nonhospital births	122	88	34	23	3	8
Total West Virginia Occurrences	21,917	12,841	9,076	6,326	685	2,065

West Virginia Bureau for Public Health
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**Number and Rate of Births by City of Residence
West Virginia, 2007
Table 23**

25 Most Populated Cities	2007 Population Estimates*	Resident Births	Rate per 1,000 Population
Beckley	16,830	374	22.2
Bluefield	11,063	164	14.8
Bridgeport	7,782	75	9.6
Buckhannon	5,510	74	13.4
Charleston	50,478	704	13.9
Clarksburg	16,341	258	15.8
Dunbar	7,694	110	14.3
Elkins	6,989	128	18.3
Fairmont	19,096	221	11.6
Grafton	5,311	55	10.4
Huntington	48,982	715	14.6
Hurricane	6,154	165	26.8
Martinsburg	16,450	251	15.3
Morgantown	29,361	565	19.2
Moundsville	9,232	114	12.3
New Martinsville	5,585	49	8.8
Nitro	6,788	111	16.4
Oak Hill	7,219	99	13.7
Parkersburg	31,617	606	19.2
Princeton	6,234	183	29.4
Saint Albans	11,028	214	19.4
South Charleston	12,479	174	13.9
Vienna	10,613	114	10.7
Weirton	18,842	204	10.8
Wheeling	29,101	362	12.4

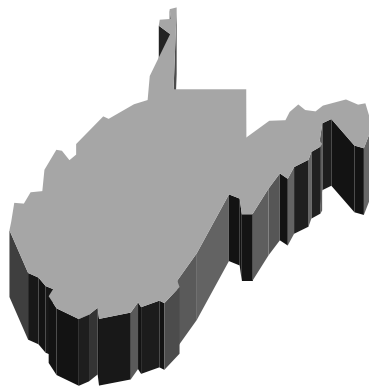
*Annual Estimates of the Population for Incorporated Places in WV: April 1, 2000 to July 1, 2007 (SUB-EST2007-04-54)
Source: Population Division, U.S. Census Bureau - Release Date: July 10, 2008

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**Out-of-State Occurrences
West Virginia Resident Births, 2003-2007
Table 24**

State	2003 Births	2004 Births	2005 Births	2006 Births	2007 Births
Virginia	962	995	1,035	1,039	1,182
Maryland	594	624	596	569	678
Ohio	386	372	376	351	403
Pennsylvania	139	148	123	134	106
Kentucky	172	182	215	190	160
All Other States	44	60	53	56	46
Total	2,297	2,381	2,398	2,339	2,575

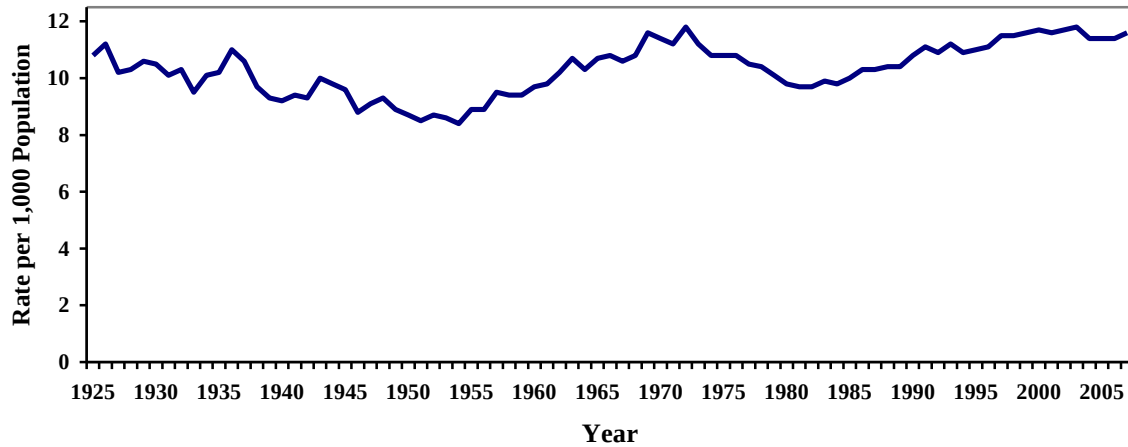
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West Virginia Vital Statistics

Deaths

**Number and Rate of Resident Deaths
West Virginia, 1925-2007
Exhibit 12**



Year	Number of Deaths	Rate per 1,000 Population
1925	17,132	10.8
1930	18,220	10.5
1935	18,342	9.9
1940	17,577	9.2
1945	16,464	9.6
1950	17,459	8.7
1955	16,712	8.9
1960	18,040	9.7
1965	19,121	10.7
1970	19,924	11.4
1975	19,479	10.8
1980	19,178	9.8
1985	19,425	10.0
1990	19,360	10.8
1995	20,128	11.0
2000	21,127	11.7
2006	20,649	11.4
2007	21,067	11.6

West Virginia Bureau for Public Health
Health Statistics Center, 2009

Number of Deaths by Race, Gender, and County of Residence
West Virginia, 2007
Table 25

County	White		Black		Other		Total
	Male	Female	Male	Female	Male	Female	
Barbour	75	87	1	1	0	0	164
Berkeley	367	322	29	18	0	0	736
Boone	172	172	0	2	0	1	347
Braxton	92	91	0	0	0	0	183
Brooke	171	174	2	2	0	0	349
Cabell	603	598	33	23	0	2	1,259
Calhoun	51	36	0	0	1	0	88
Clay	64	57	0	0	0	0	121
Doddridge	38	25	0	0	0	0	63
Fayette	319	284	25	17	0	1	646
Gilmer	49	37	0	0	1	0	87
Grant	57	53	0	1	0	0	111
Greenbrier	200	209	4	12	1	0	426
Hampshire	108	95	0	0	0	0	203
Hancock	179	210	5	9	0	0	403
Hardy	69	65	0	2	2	0	138
Harrison	415	423	9	7	0	0	854
Jackson	171	146	0	0	0	0	317
Jefferson	208	187	21	17	0	0	433
Kanawha	1,135	1,153	70	73	4	4	2,439
Lewis	121	119	0	0	0	0	240
Lincoln	115	148	0	0	0	0	263
Logan	245	221	10	6	1	1	484
McDowell	169	149	28	28	0	0	374
Marion	321	361	5	9	0	0	696
Marshall	195	177	0	1	1	0	374
Mason	156	136	1	1	0	0	294
Mercer	404	435	24	32	2	0	897
Mineral	134	136	3	3	0	1	277
Mingo	172	170	5	5	0	0	352
Monongalia	310	304	6	3	3	0	626
Monroe	81	81	1	1	0	1	165
Morgan	94	88	1	0	0	0	183
Nicholas	160	159	0	1	0	0	320
Ohio	292	300	9	10	0	0	611
Pendleton	50	44	1	2	0	0	97
Pleasants	32	46	0	0	0	1	79
Pocahontas	68	49	0	0	0	0	117
Preston	177	149	1	1	0	0	328
Putnam	218	246	4	1	2	0	471
Raleigh	434	451	39	34	2	2	962
Randolph	141	164	1	1	0	0	307
Ritchie	65	54	0	0	0	0	119
Roane	106	97	0	0	0	0	203
Summers	84	64	3	1	0	0	152
Taylor	90	81	0	0	0	0	171
Tucker	43	43	0	0	0	0	86
Tyler	62	50	0	0	0	0	112
Upshur	146	125	0	1	0	0	272
Wayne	217	216	0	0	0	0	433
Webster	68	52	0	0	0	1	121
Wetzel	95	109	0	0	0	1	205
Wirt	22	27	0	0	0	0	49
Wood	435	501	7	4	0	1	948
Wyoming	164	146	1	1	0	0	312
Total	10,229	10,122	349	330	20	17	21,067

**Number of Deaths by County of Residence and Occurrence
West Virginia, 2007
Table 26**

County	Residence	Occurrence	County	Residence	Occurrence
Barbour	164	118	Monongalia	626	1,288
Berkeley	736	755	Monroe	165	82
Boone	347	213	Morgan	183	130
Braxton	183	153	Nicholas	320	258
Brooke	349	387	Ohio	611	922
Cabell	1,259	2,028	Pendleton	97	64
Calhoun	88	53	Pleasants	79	32
Clay	121	75	Pocahontas	117	86
Doddridge	63	29	Preston	328	229
Fayette	646	474	Putnam	471	349
Gilmer	87	40	Raleigh	962	1,181
Grant	111	144	Randolph	307	326
Greenbrier	426	398	Ritchie	119	59
Hampshire	203	132	Roane	203	147
Hancock	403	177	Summers	152	114
Hardy	138	54	Taylor	171	135
Harrison	854	977	Tucker	86	72
Jackson	317	223	Tyler	112	66
Jefferson	433	313	Upshur	272	200
Kanawha	2,439	3,083	Wayne	433	264
Lewis	240	210	Webster	121	72
Lincoln	263	112	Wetzel	205	153
Logan	484	456	Wirt	49	21
McDowell	374	265	Wood	948	1,093
Marion	696	554	Wyoming	312	113
Marshall	374	248			
Mason	294	240			
Mercer	897	932	Total	21,067 *	20,667
Mineral	277	168			
Mingo	352	200			

* Includes 1,970 West Virginia resident deaths occurring out-of-state

West Virginia Bureau for Public Health
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**Out-of-State Occurrences
West Virginia Resident Deaths, 2003-2007
Table 27**

State	2003 Deaths	2004 Deaths	2005 Deaths	2006 Deaths	2007 Deaths
Virginia	463	516	509	507	570
Ohio	488	470	516	547	562
Maryland	314	267	291	255	292
Pennsylvania	216	210	190	189	191
Kentucky	146	139	167	161	148
North Carolina	69	48	51	50	55
Florida	54	57	47	37	45
District of Columbia	21	9	20	13	13
Tennessee	16	20	15	25	20
All Other States	108	101	76	74	73
Other Countries	0	0	1	1	1
Total	1,895	1,837	1,883	1,859	1,970

West Virginia Bureau for Public Health
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**Number of Deaths by County of Residence
West Virginia, 2003-2007
Table 28**

County	2003	2004	2005	2006	2007	County	2003	2004	2005	2006	2007
Barbour	193	190	195	200	164	Monongalia	591	613	632	599	626
Berkeley	750	767	710	740	736	Monroe	153	162	161	145	165
Boone	307	289	302	332	347	Morgan	185	174	183	187	183
Braxton	200	150	148	184	183	Nicholas	294	285	318	324	320
Brooke	342	332	312	338	349	Ohio	622	602	552	551	611
Cabell	1,240	1,165	1,225	1,129	1,259	Pendleton	86	99	92	95	97
Calhoun	98	91	98	78	88	Pleasants	92	85	102	69	79
Clay	106	113	123	136	121	Pocahontas	116	139	127	123	117
Doddridge	82	89	84	80	63	Preston	340	317	310	304	328
Fayette	596	602	586	608	646	Putnam	488	464	480	451	471
Gilmer	87	78	82	105	87	Raleigh	924	882	891	898	962
Grant	111	118	125	122	111	Randolph	363	353	328	337	307
Greenbrier	438	452	472	441	426	Ritchie	140	126	109	134	119
Hampshire	210	216	206	189	203	Roane	183	180	165	179	203
Hancock	437	424	441	393	403	Summers	168	165	150	146	152
Hardy	157	141	128	132	138	Taylor	176	195	180	165	171
Harrison	870	844	834	828	854	Tucker	97	85	90	77	86
Jackson	300	259	330	305	317	Tyler	117	104	107	105	112
Jefferson	421	388	379	381	433	Upshur	271	267	261	260	272
Kanawha	2,469	2,463	2,489	2,398	2,439	Wayne	444	446	508	465	433
Lewis	245	209	234	235	240	Webster	114	119	110	127	121
Lincoln	268	276	242	254	263	Wetzel	204	234	185	220	205
Logan	470	475	526	507	484	Wirt	57	58	73	59	49
McDowell	369	397	348	380	374	Wood	992	931	939	935	948
Marion	797	694	657	670	696	Wyoming	310	327	296	289	312
Marshall	398	396	394	388	374						
Mason	320	289	311	321	294						
Mercer	821	816	795	819	897	Total	21,299	20,776	20,773	20,649	21,067
Mineral	305	304	313	321	277						
Mingo	365	337	335	391	352						

West Virginia Bureau for Public Health
Health Statistics Center, 2009

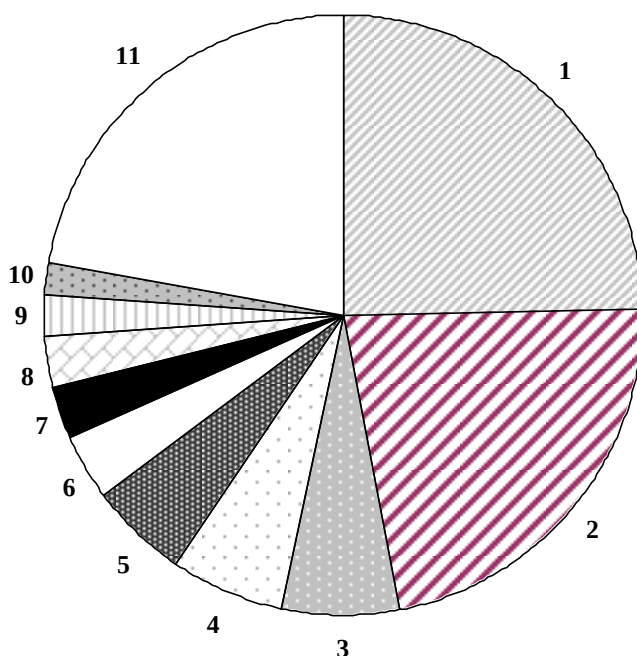
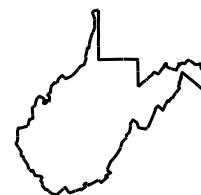
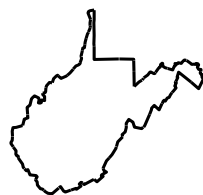
Age at Death by County of Residence
West Virginia, 2007
Table 29

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	164	1	0	0	0	1	1	7	7	7	26	26	46	42	71.6
Berkeley	736	11	2	0	0	1	12	20	32	73	122	138	183	142	68.1
Boone	347	3	0	1	1	4	2	14	9	18	50	71	100	74	70.5
Braxton	183	2	0	0	0	2	0	0	2	8	22	32	47	68	76.3
Brooke	349	1	1	1	0	0	3	10	15	19	30	62	107	100	73.3
Cabell	1,259	18	1	2	3	8	12	27	43	101	166	226	356	296	70.2
Calhoun	88	0	0	0	0	0	2	2	2	6	15	19	23	19	71.5
Clay	121	2	0	0	0	1	1	2	5	9	15	22	34	30	70.8
Doddridge	63	1	0	0	0	0	0	1	1	3	8	14	19	16	73.3
Fayette	646	3	0	1	0	2	8	11	21	54	79	135	174	158	71.8
Gilmer	87	0	0	0	0	0	0	1	3	9	7	18	26	23	73.5
Grant	111	1	0	0	0	1	0	1	3	6	13	25	36	25	73.7
Greenbrier	426	2	0	4	0	1	7	9	14	29	50	72	138	100	71.6
Hampshire	203	1	1	0	0	0	2	2	7	20	31	34	60	45	71.2
Hancock	403	2	0	1	0	2	6	9	10	24	45	65	128	111	73.3
Hardy	138	2	1	0	0	0	3	3	3	9	17	29	35	36	70.7
Harrison	854	2	1	2	1	4	5	10	23	66	108	137	262	233	73.4
Jackson	317	1	2	0	0	2	3	3	14	20	33	71	96	72	72.1
Jefferson	433	3	1	0	0	1	6	12	18	39	64	71	110	108	70.5
Kanawha	2,439	18	5	1	1	7	15	43	68	180	301	408	739	653	72.8
Lewis	240	2	0	0	0	1	1	3	3	15	23	51	63	78	75.3
Lincoln	263	1	1	2	1	5	1	11	16	22	26	61	68	48	67.7
Logan	484	4	0	0	0	2	2	12	28	59	84	102	124	67	67.2
McDowell	374	1	2	1	1	1	1	15	26	42	58	83	88	55	66.6
Marion	696	2	0	0	0	2	4	16	15	55	81	97	207	217	74.2
Marshall	374	1	0	0	0	2	3	5	7	29	49	71	99	108	73.8
Mason	294	5	0	0	1	2	2	10	11	22	34	53	96	58	69.5
Mercer	897	7	1	2	2	6	1	22	29	72	114	143	282	216	71.8
Mineral	277	1	0	0	0	1	1	8	7	16	30	49	88	76	74.1
Mingo	352	5	0	0	0	0	5	12	14	44	45	85	79	63	67.6
Monongalia	626	2	0	0	0	3	4	4	21	43	85	113	194	157	73.2
Monroe	165	2	0	0	0	0	1	3	8	10	20	22	50	49	73.3
Morgan	183	0	0	0	1	0	2	2	5	13	21	47	50	42	72.5
Nicholas	320	5	0	2	0	0	0	10	10	23	52	68	70	80	69.9
Ohio	611	4	1	0	0	2	1	2	16	34	74	97	175	205	75.5
Pendleton	97	0	0	0	0	0	1	1	4	7	8	15	35	26	74.4
Pleasants	79	0	0	0	0	0	0	2	2	6	11	10	24	24	73.6
Pocahontas	117	0	0	0	1	0	0	0	3	9	12	22	35	35	75.3
Preston	328	4	1	0	0	1	3	6	11	13	46	61	95	87	72.3
Putnam	471	3	1	0	2	1	3	10	20	40	51	75	131	134	72.0
Raleigh	962	6	3	1	0	6	8	18	35	82	104	169	265	265	72.1
Randolph	307	2	0	1	0	0	5	2	5	22	48	48	75	99	73.7
Ritchie	119	1	0	0	0	2	4	3	2	9	9	24	37	28	71.9
Roane	203	1	0	0	0	1	0	1	12	20	32	38	47	50	70.8
Summers	152	2	1	0	1	1	2	4	6	14	27	20	35	39	68.4
Taylor	171	0	0	0	0	0	1	1	4	16	23	34	41	51	73.8
Tucker	86	2	0	0	0	0	0	1	0	1	13	16	27	26	75.4
Tyler	112	1	2	0	0	0	1	2	6	8	8	15	35	34	72.4
Upshur	272	1	0	0	0	0	1	6	12	14	30	47	69	92	74.8
Wayne	433	4	0	0	0	1	3	10	19	35	54	76	133	98	71.0
Webster	121	1	0	0	0	1	0	3	3	10	20	27	27	29	70.9
Wetzel	205	1	1	0	0	0	2	2	2	15	23	39	56	64	74.9
Wirt	49	0	0	0	0	0	0	0	0	2	6	11	20	10	75.3
Wood	948	14	2	0	2	3	3	12	13	69	117	163	265	285	73.4
Wyoming	312	4	0	0	0	1	2	12	14	38	36	59	90	56	68.4
Total	21,067	163	31	22	18	82	156	418	689	1,629	2,676	3,786	5,994	5,402	72.0

Place Death Occurred by County of Residence
West Virginia, 2007
Table 30

County	Place Death Occurred								Total
	Hospital	Out-of-State Hospital	En Route to Hospital	Clinic or Center	Licensed Nursing Home	Unlicensed Personal Care	Home	Other and Unk.	
Barbour	63	2	7	0	15	8	56	13	164
Berkeley	236	120	5	0	138	6	195	36	736
Boone	165	4	1	0	27	2	94	54	347
Braxton	68	0	0	0	28	0	72	15	183
Brooke	110	49	3	0	81	13	74	19	349
Cabell	496	20	2	0	150	12	281	298	1,259
Calhoun	32	1	0	19	8	0	17	11	88
Clay	44	1	0	0	15	1	47	13	121
Doddridge	27	1	1	0	7	0	21	6	63
Fayette	278	14	12	0	77	3	161	101	646
Gilmer	36	3	0	0	17	1	22	8	87
Grant	27	10	2	0	34	0	34	4	111
Greenbrier	145	37	3	0	71	7	122	41	426
Hampshire	19	64	5	0	34	2	56	23	203
Hancock	90	99	2	0	83	15	93	21	403
Hardy	31	34	2	1	33	0	27	10	138
Harrison	389	11	14	0	134	11	242	53	854
Jackson	149	13	6	0	43	2	78	26	317
Jefferson	120	77	6	0	82	8	116	24	433
Kanawha	967	44	5	0	286	60	659	418	2,439
Lewis	115	1	1	0	35	0	80	8	240
Lincoln	103	5	1	0	21	4	83	46	263
Logan	265	11	10	0	12	15	117	54	484
McDowell	144	42	18	0	43	5	73	49	374
Marion	287	16	1	0	126	16	218	32	696
Marshall	191	25	2	0	53	1	91	11	374
Mason	104	29	3	0	61	1	59	37	294
Mercer	403	60	17	0	113	29	223	52	897
Mineral	37	98	2	0	72	0	47	21	277
Mingo	144	68	4	0	13	12	63	48	352
Monongalia	277	14	3	0	69	24	213	26	626
Monroe	36	37	0	0	23	2	49	18	165
Morgan	25	43	2	0	33	1	72	7	183
Nicholas	150	6	9	0	48	1	82	24	320
Ohio	255	33	6	0	155	2	146	14	611
Pendleton	14	17	0	0	27	1	24	14	97
Pleasants	28	12	0	1	15	1	16	6	79
Pocahontas	42	11	2	0	24	0	30	8	117
Preston	112	20	3	0	48	2	119	24	328
Putnam	180	14	2	0	64	18	132	61	471
Raleigh	437	21	58	0	86	12	164	184	962
Randolph	101	12	48	0	56	12	50	28	307
Ritchie	52	5	0	0	19	2	32	9	119
Roane	93	6	1	2	16	6	61	18	203
Summers	64	3	0	0	23	6	37	19	152
Taylor	87	3	1	0	18	5	53	4	171
Tucker	16	5	2	4	24	2	29	4	86
Tyler	51	6	0	0	15	3	30	7	112
Upshur	97	5	1	0	46	7	93	23	272
Wayne	158	37	1	0	33	2	115	87	433
Webster	71	6	1	0	10	0	25	8	121
Wetzel	86	7	1	0	55	1	42	13	205
Wirt	24	0	0	0	6	0	18	1	49
Wood	421	60	6	2	206	18	208	27	948
Wyoming	137	15	7	0	36	4	50	63	312
Total	8,299	1,357	289	29	3,067	366	5,411	2,249	21,067

2007 West Virginia Resident Deaths **Leading Causes of Death** **Exhibit 13**



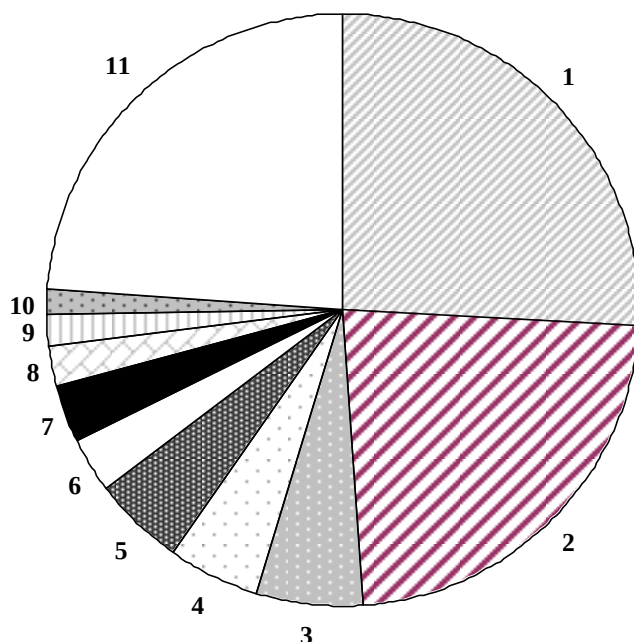
Leading Cause of Death	Number of Deaths	Percent of Total	2007 WV Crude Rate	2007 WV Age-Adjusted Rate*
1. Diseases of the Heart	5,234	24.8	288.8	230.2
2. Malignant Neoplasms	4,688	22.3	258.7	207.4
3. Chronic Lower Respiratory Diseases	1,344	6.4	74.2	59.2
4. Accidents, All Forms	1,242	5.9	68.5	66.1
5. Cerebrovascular Diseases	1,112	5.3	61.4	48.8
6. Diabetes Mellitus	801	3.8	44.2	35.6
7. Dementia	582	2.8	32.1	25.1
8. Alzheimer's Disease	557	2.6	30.7	24.0
9. Nephritis, Nephrotic Syndrome, and Nephrosis	456	2.2	25.2	20.0
10. Influenza and Pneumonia	370	1.8	20.4	16.2
Total for Leading Causes	16,386	77.8	904.3	732.8
11. ALL OTHER Causes	4,681	22.2	258.3	217.9
Total for All Causes	21,067	100.0	1,162.6	950.7

*Adjusted by age from West Virginia's 2007 population estimate to the 2000 U.S. standard million.

2006 United States Resident Deaths

Leading Causes of Death

Exhibit 14



Leading Cause of Death*	Number of Deaths	Percent of Total	2006 U.S. Crude Rate*
1. Diseases of the Heart	629,191	25.9	210.2
2. Malignant Neoplasms	560,102	23.1	187.1
3. Cerebrovascular Diseases	137,265	5.7	45.8
4. Chronic Lower Respiratory Diseases	124,614	5.1	41.6
5. Accidents, All Forms	117,748	4.9	39.3
6. Diabetes Mellitus	72,914	3.0	24.4
7. Alzheimer's Disease	72,507	3.0	24.2
8. Influenza and Pneumonia	56,247	2.3	18.8
9. Nephritis, Nephrotic Syndrome, and Nephrosis	44,791	1.8	15.0
10. Septicemia	34,031	1.4	11.4
Total for Leading Causes	1,849,410	76.2	617.7
11. ALL OTHER Causes	576,490	23.8	192.5
Total for All Causes	2,425,900	100.0	810.3

* National Vital Statistics Reports. Deaths: Final Data for 2006. National Center for Health Statistics.
Internet address - http://www.cdc.gov/nchs/data/nvsr/nvsr56/nvsr56_16.pdf
West Virginia Bureau for Public Health
Health Statistics Center, 2009

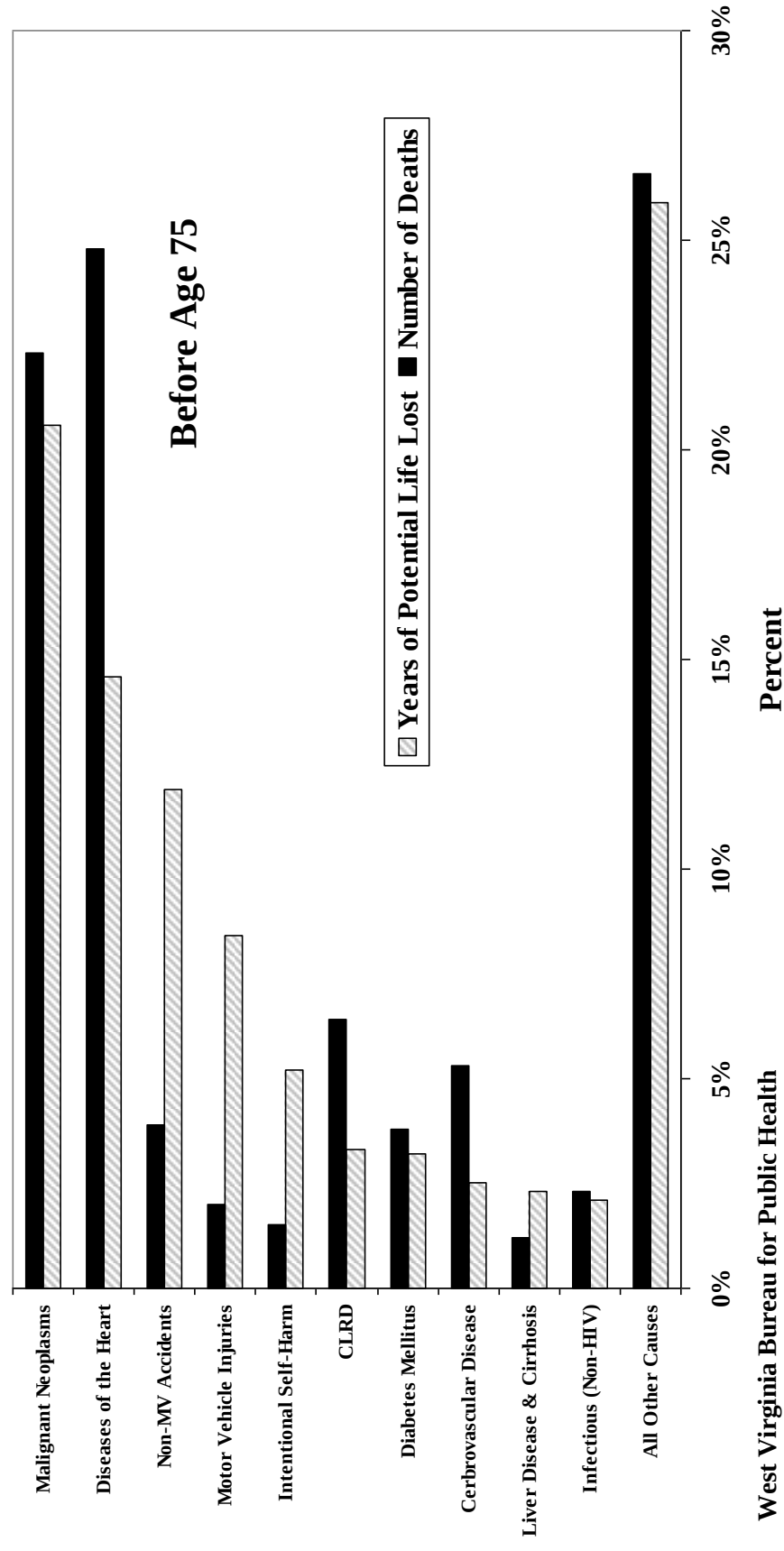
**Number and Percent Distribution of Leading Causes of Death
By Years of Potential Life Lost Before Age 75 and Actual Deaths
West Virginia Residents, 2006 and 2007**
Table 31

Cause of Death	Years of Potential Life Lost Before Age 75						Actual Deaths			
	2007			2006			2007		2006	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Causes	173,739	100.0	167,481	100.0	21,067	100.0	20,649	100.0	20,649	100.0
Malignant Neoplasms	35,864	20.6	35,353	21.1	4,688	22.3	4,616	22.3	4,616	22.4
Diseases of the Heart	25,379	14.6	24,810	14.8	5,234	24.8	5,292	24.8	5,292	25.6
Nonmotor Vehicle Accidents	20,614	11.9	20,586	12.3	817	3.9	783	3.9	783	3.8
Motor Vehicle Accidents	14,554	8.4	14,562	8.7	425	2.0	422	2.0	422	2.0
Intentional Self-Harm	8,952	5.2	7,950	4.7	312	1.5	282	1.5	282	1.4
Chronic Lower Respiratory Diseases	5,719	3.3	5,278	3.2	1,345	6.4	1,256	6.4	1,256	6.1
Diabetes Mellitus	5,627	3.2	5,065	3.0	801	3.8	746	3.8	746	3.6
Cerebrovascular Disease	4,324	2.5	3,647	2.2	1,112	5.3	1,105	5.3	1,105	5.4
Chronic Liver Disease and Cirrhosis	4,035	2.3	3,819	2.3	275	1.3	247	1.3	247	1.2
Assault	3,817	2.2	3,532	2.1	94	0.4	103	0.4	103	0.5
Infections and Parasitic Diseases, Excluding H.I.V.	3,596	2.1	3,693	2.2	482	2.3	488	2.3	488	2.4
Congenital Anomalies	2,956	1.7	3,407	2.0	62	0.3	79	0.3	79	0.4
Sudden Infant Death Syndrome	2,161	1.2	3,427	2.0	29	0.1	46	0.1	46	0.2
Other Respiratory Conditions of Newborn	1,714	1.0	894	0.5	23	0.1	12	0.1	12	0.1
Influenza and Pneumonia	1,619	0.9	1,516	0.9	370	1.8	395	1.8	395	1.9
Disorders Relating to Short Gestation and Unspecified Low Birthweight	1,267	0.7	1,118	0.7	17	0.1	15	0.1	15	0.1
Alcohol or Drug Psychoses, Dependence or Abuse	1,043	0.6	944	0.6	53	0.3	50	0.3	50	0.2
Human Immunodeficiency Virus Infection	631	0.4	687	0.4	20	0.1	23	0.1	23	0.1
Respiratory Distress Syndrome and Birth Asphyxia	493	0.3	223	0.1	7	0.0	3	0.0	3	0.0
All Other Causes (Residual)	29,378	16.9	26,972	16.1	4,901	23.3	4,686	23.3	4,686	22.7

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Distribution of Years of Potential Life Lost & Number of Deaths West Virginia Resident Deaths, 2007

Exhibit 15



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Leading Causes of Resident Deaths by Age Group and Gender
West Virginia, 2007
Table 32

Leading Causes of Death	Total All Age Groups					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	10,598	100.0	10,469	100.0	21,067	100.0
Diseases of the Heart	2,590	24.4	2,644	25.3	5,234	24.8
Malignant Neoplasms	2,455	23.2	2,233	21.3	4,688	22.3
Chronic Lower Respiratory Diseases	659	6.2	686	6.6	1,345	6.4
Accidents	836	7.9	406	3.9	1,242	5.9
Cerebrovascular Disease	438	4.1	674	6.4	1,112	5.3
Diabetes Mellitus	407	3.8	394	3.8	801	3.8
Dementia	180	1.7	402	3.8	582	2.8
Alzheimer's Disease	131	1.2	426	4.1	557	2.6
Nephritis, Nephrotic Syndrome, and Nephrosis	231	2.2	225	2.1	456	2.2
Influenza and Pneumonia	191	1.8	179	1.7	370	1.8
Septicemia	173	1.6	175	1.7	348	1.7
All Other Causes (Residual)	2,307	21.8	2,025	19.3	4,332	20.6

Leading Causes of Death	Under One Year					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	87	100.0	76	100.0	163	100.0
Sudden Infant Death Syndrome	15	17.2	14	18.4	29	17.8
Congenital Anomalies	14	16.1	13	17.1	27	16.6
Short Gestation and Unspecified Low Birthweight	10	11.5	7	9.2	17	10.4
Infections Specific to the Perinatal Period	4	4.6	4	5.3	8	4.9
Maternal Complications of Pregnancy	3	3.4	4	5.3	7	4.3
Complications of Placenta, Cord, and Membranes	4	4.6	3	3.9	7	4.3
Accidents	5	5.7	2	2.6	7	4.3
Respiratory Distress Syndrome	3	3.4	1	1.3	4	2.5
Neonatal Hemorrhage	2	2.3	1	1.3	3	1.8
Assault	3	3.4	0	0.0	3	1.8
All Other Causes (Residual)	24	27.6	27	35.5	51	31.3

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**Leading Causes of Resident Deaths by Age Group and Gender
West Virginia, 2007
Table 32 (continued)**

Leading Causes of Death	One to Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	15	100.0	16	100.0	31	100.0
Assault	5	33.3	3	18.8	8	25.8
Accidents	3	20.0	4	25.0	7	22.6
Congenital Anomalies	1	6.7	2	12.5	3	9.7
All Other Causes (Residual)	6	40.0	7	43.7	13	41.9

Leading Causes of Death	Five to Nine Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	10	100.0	12	100.0	22	100.0
Accidents	4	40.0	5	41.7	9	40.9
All Other Causes (Residual)	6	60.0	7	58.3	13	59.1

Leading Causes of Death	Ten to Fourteen Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	13	100.0	5	100.0	18	100.0
Accidents	4	30.8	3	60.0	7	38.9
All Other Causes (Residual)	9	69.2	2	40.0	11	61.1

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Leading Causes of Resident Deaths by Age Group and Gender
West Virginia, 2007
Table 32 (continued)

Leading Causes of Death	Fifteen to Twenty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	168	100.0	70	100.0	238	100.0
Accidents	100	59.5	44	62.9	144	60.5
Intentional Self-Harm	32	19.0	2	2.9	34	14.3
Assault	12	7.1	3	4.3	15	6.3
Malignant Neoplasms	3	1.8	5	7.1	8	3.4
Diseases of the Heart	4	2.4	3	4.3	7	2.9
Influenza and Pneumonia	2	1.2	3	4.3	5	2.1
All Other Causes (Residual)	15	8.9	10	14.3	25	10.5

Leading Causes of Death	Twenty-Five to Thirty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	283	100.0	135	100.0	418	100.0
Accidents	151	53.4	61	45.2	212	50.7
Intentional Self-Harm	41	14.5	7	5.2	48	11.5
Diseases of the Heart	17	6.0	7	5.2	24	5.7
Malignant Neoplasms	11	3.9	8	5.9	19	4.5
Assault	13	4.6	5	3.7	18	4.3
Cerebrovascular Disease	2	0.7	4	3.0	6	1.4
Chronic Lower Respiratory Diseases	3	1.1	1	0.7	4	1.0
Septicemia	3	1.1	0	0.0	3	0.7
Human Immunodeficiency Virus Infection	1	0.4	2	1.5	3	0.7
Diabetes Mellitus	2	0.7	1	0.7	3	0.7
Nephritis, Nephrotic Syndrome, and Nephrosis	2	0.7	1	0.7	3	0.7
All Other Causes (Residual)	37	13.1	38	28.1	75	17.9

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Leading Causes of Resident Deaths by Age Group and Gender
West Virginia, 2007
Table 32 (continued)

Leading Causes of Death	Thirty-Five to Forty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	450	100.0	239	100.0	689	100.0
Accidents	160	35.6	50	20.9	210	30.5
Malignant Neoplasms	37	8.2	58	24.3	95	13.8
Diseases of the Heart	66	14.7	24	10.0	90	13.1
Intentional Self-Harm	54	12.0	12	5.0	66	9.6
Diabetes Mellitus	16	3.6	8	3.3	24	3.5
Chronic Liver Disease and Cirrhosis	14	3.1	5	2.1	19	2.8
Assault	8	1.8	10	4.2	18	2.6
Cerebrovascular Disease	7	1.6	6	2.5	13	1.9
Septicemia	5	1.1	3	1.3	8	1.2
Human Immunodeficiency Virus Infection	7	1.6	1	0.4	8	1.2
Chronic Lower Respiratory Diseases	1	0.2	6	2.5	7	1.0
All Other Causes (Residual)	75	16.7	56	23.4	131	19.0

Leading Causes of Death	Forty-Five to Fifty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	1,037	100.0	592	100.0	1,629	100.0
Malignant Neoplasms	221	21.3	214	36.1	435	26.7
Diseases of the Heart	237	22.9	83	14.0	320	19.6
Accidents	164	15.8	67	11.3	231	14.2
Chronic Liver Disease and Cirrhosis	58	5.6	10	1.7	68	4.2
Diabetes Mellitus	46	4.4	20	3.4	66	4.1
Intentional Self-Harm	52	5.0	14	2.4	66	4.1
Cerebrovascular Disease	30	2.9	21	3.5	51	3.1
Chronic Lower Respiratory Diseases	23	2.2	19	3.2	42	2.6
Septicemia	11	1.1	13	2.2	24	1.5
Nephritis, Nephrotic Syndrome, and Nephrosis	9	0.9	6	1.0	15	0.9
Assault	12	1.2	3	0.5	15	0.9
All Other Causes (Residual)	174	16.8	122	20.6	296	18.2

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Leading Causes of Resident Deaths by Age Group and Gender
West Virginia, 2007
Table 32 (continued)

Leading Causes of Death	Fifty-Five to Sixty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	1,667	100.0	1,009	100.0	2,676	100.0
Malignant Neoplasms	538	32.3	390	38.7	928	34.7
Diseases of the Heart	385	23.1	160	15.9	545	20.4
Chronic Lower Respiratory Diseases	89	5.3	70	6.9	159	5.9
Diabetes Mellitus	78	4.7	60	5.9	138	5.2
Accidents	81	4.9	26	2.6	107	4.0
Cerebrovascular Disease	49	2.9	44	4.4	93	3.5
Chronic Liver Disease and Cirrhosis	60	3.6	21	2.1	81	3.0
Nephritis, Nephrotic Syndrome, and Nephrosis	31	1.9	28	2.8	59	2.2
Intentional Self-Harm	36	2.2	9	0.9	45	1.7
Septicemia	28	1.7	16	1.6	44	1.6
Hypertension	24	1.4	14	1.4	38	1.4
All Other Causes (Residual)	268	16.1	171	16.9	439	16.4

Leading Causes of Death	Sixty-Five to Seventy-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	2,112	100.0	1,674	100.0	3,786	100.0
Malignant Neoplasms	674	31.9	538	32.1	1,212	32.0
Diseases of the Heart	520	24.6	331	19.8	851	22.5
Chronic Lower Respiratory Diseases	169	8.0	179	10.7	348	9.2
Diabetes Mellitus	100	4.7	80	4.8	180	4.8
Cerebrovascular Disease	80	3.8	88	5.3	168	4.4
Septicemia	53	2.5	41	2.4	94	2.5
Nephritis, Nephrotic Syndrome, and Nephrosis	43	2.0	40	2.4	83	2.2
Accidents	57	2.7	26	1.6	83	2.2
Chronic Liver Disease and Cirrhosis	31	1.5	22	1.3	53	1.4
Influenza and Pneumonia	27	1.3	22	1.3	49	1.3
Hypertension	21	1.0	15	0.9	36	1.0
All Other Causes (Residual)	337	16.0	292	17.4	629	16.6

West Virginia Bureau for Public Health
Health Statistics Center, 2009

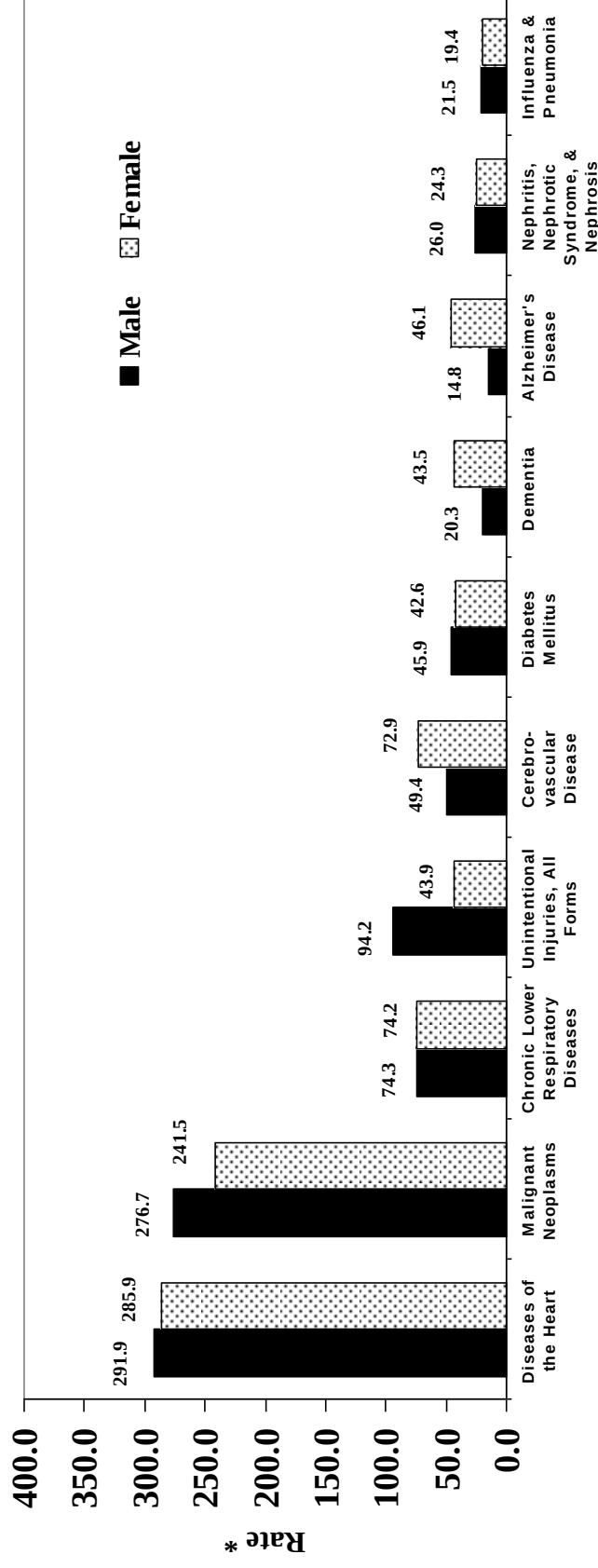
Leading Causes of Resident Deaths by Age Group and Gender
West Virginia, 2007
Table 32 (continued)

Leading Causes of Death	Seventy-Five to Eighty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	2,943	100.0	3,051	100.0	5,994	100.0
Diseases of the Heart	794	27.0	779	25.5	1,573	26.2
Malignant Neoplasms	691	23.5	677	22.2	1,368	22.8
Chronic Lower Respiratory Diseases	241	8.2	255	8.4	496	8.3
Cerebrovascular Disease	162	5.5	205	6.7	367	6.1
Diabetes Mellitus	119	4.0	123	4.0	242	4.0
Dementia	86	2.9	126	4.1	212	3.5
Alzheimer's Disease	56	1.9	129	4.2	185	3.1
Nephritis, Nephrotic Syndrome, and Nephrosis	83	2.8	69	2.3	152	2.5
Accidents	62	2.1	63	2.1	125	2.1
Septicemia	48	1.6	55	1.8	103	1.7
Influenza and Pneumonia	53	1.8	38	1.2	91	1.5
All Other Causes (Residual)	548	18.6	532	17.4	1,080	18.0

Leading Causes of Death	Eighty-Five Years and Over					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	1,812	100.0	3,590	100.0	5,402	100.0
Diseases of the Heart	565	31.2	1,256	35.0	1,821	33.7
Malignant Neoplasms	278	15.3	340	9.5	618	11.4
Cerebrovascular Disease	106	5.8	306	8.5	412	7.6
Dementia	84	4.6	258	7.2	342	6.3
Alzheimer's Disease	63	3.5	269	7.5	332	6.1
Chronic Lower Respiratory Diseases	130	7.2	156	4.3	286	5.3
Influenza and Pneumonia	76	4.2	102	2.8	178	3.3
Diabetes Mellitus	46	2.5	101	2.8	147	2.7
Nephritis, Nephrotic Syndrome, and Nephrosis	57	3.1	80	2.2	137	2.5
Hypertension	24	1.3	76	2.1	100	1.9
Accidents	45	2.5	55	1.5	100	1.9
All Other Causes (Residual)	338	18.7	591	16.5	929	17.2

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2007 Ten Leading Causes of Death by Gender West Virginia Resident Deaths Exhibit 16



*Rates are calculated per 100,000 population using 2007 Census estimates for WV: Males = 887,218; Females = 924,817.

Firearm Injury Deaths by Type of Injury and County
West Virginia, 2007
Table 33

County	Unintentional	Intentional			Undetermined	Total
		Suicide	Assault	Legal Intervention		
Barbour	0	1	0	0	0	1
Berkeley	0	7	4	0	0	11
Boone	0	3	0	0	0	3
Braxton	0	0	0	0	0	0
Brooke	0	5	1	0	0	6
Cabell	0	10	4	0	0	14
Calhoun	0	2	0	0	0	2
Clay	0	2	0	0	0	2
Doddridge	0	0	0	0	0	0
Fayette	0	5	3	0	0	8
Gilmer	0	1	0	0	0	1
Grant	1	1	0	0	0	2
Greenbrier	0	3	1	0	0	4
Hampshire	0	6	0	0	0	6
Hancock	0	5	0	0	0	5
Hardy	0	2	1	0	0	3
Harrison	1	6	2	1	0	10
Jackson	0	2	0	1	0	3
Jefferson	0	3	0	0	0	3
Kanawha	0	27	5	0	1	33
Lewis	0	4	1	0	0	5
Lincoln	0	7	1	0	0	8
Logan	0	6	2	0	0	8
McDowell	0	4	2	0	0	6
Marion	0	4	2	0	0	6
Marshall	0	5	0	0	0	5
Mason	0	3	0	0	1	4
Mercer	0	8	5	0	0	13
Mineral	0	2	0	0	0	2
Mingo	0	2	0	0	0	2
Monongalia	0	3	0	0	0	3
Monroe	0	4	1	0	0	5
Morgan	0	2	0	0	0	2
Nicholas	0	8	1	0	0	9
Ohio	0	5	1	0	0	6
Pendleton	0	3	0	0	0	3
Pleasants	0	0	1	0	0	1
Pocahontas	0	2	1	0	0	3
Preston	0	7	2	0	0	9
Putnam	0	4	0	0	0	4
Raleigh	0	11	2	0	0	13
Randolph	0	0	2	0	0	2
Ritchie	0	3	0	0	0	3
Roane	0	3	0	0	0	3
Summers	0	3	0	0	0	3
Taylor	0	1	0	0	0	1
Tucker	0	0	0	0	0	0
Tyler	0	1	0	0	0	1
Upshur	0	2	1	0	0	3
Wayne	0	2	3	0	0	5
Webster	0	1	0	0	0	1
Wetzel	0	2	0	0	0	2
Wirt	0	0	0	0	0	0
Wood	0	6	0	0	1	7
Wyoming	0	2	0	0	0	2
Total	2	211	49	2	3	267

West Virginia Bureau for Public Health
Health Statistics Center, 2009

Types of Firearm Injury Deaths by Age Group and Gender
West Virginia Residents, 2007
Table 34

	Age in Years										Total
	0-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	
Total											
Unintentional	0	0	0	0	0	0	2	0	0	0	2
Suicide	0	0	4	15	30	40	40	34	20	28	211
Assault	1	2	2	9	13	11	7	3	0	1	49
Legal Intervention	0	0	0	0	0	1	1	0	0	0	2
Undetermined	0	1	0	0	0	1	1	0	0	0	3
Total	1	3	6	24	43	53	51	37	20	29	267
Male											
Unintentional	0	0	0	0	0	0	2	0	0	0	2
Suicide	0	0	4	14	27	35	37	31	17	26	191
Assault	1	2	1	8	10	6	5	2	0	1	36
Legal Intervention	0	0	0	0	0	1	1	0	0	0	2
Undetermined	0	1	0	0	0	1	0	0	0	0	2
Total	1	3	5	22	37	43	45	33	17	27	233
Female											
Unintentional	0	0	0	0	0	0	0	0	0	0	0
Suicide	0	0	0	1	3	5	3	3	3	2	20
Assault	0	0	1	1	3	5	2	1	0	0	13
Legal Intervention	0	0	0	0	0	0	0	0	0	0	0
Undetermined	0	0	0	0	0	0	1	0	0	0	1
Total	0	0	1	2	6	10	6	4	3	2	34

West Virginia Bureau for Public Health
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**Nontransport Unintentional Injury Deaths by
Place of Occurrence and Gender
West Virginia Residents, 2007
Table 35**

Place of Occurrence	Male	Female	Total
Home	283	184	467
Farm	1	0	1
Mine and Quarry	6	0	6
Industrial Places	7	0	7
Recreational Places	7	0	7
Public Building	1	0	1
Resident Institution	0	1	1
Other Specified Places	160	68	228
Unspecified Places	41	19	60
Total	506	272	778

West Virginia Bureau for Public Health
Health Statistics Center, 2009

Fetal Deaths, Neonatal Deaths, and Postneonatal Deaths: Number and Rate/Ratio West Virginia Resident Deaths, 1925-2007

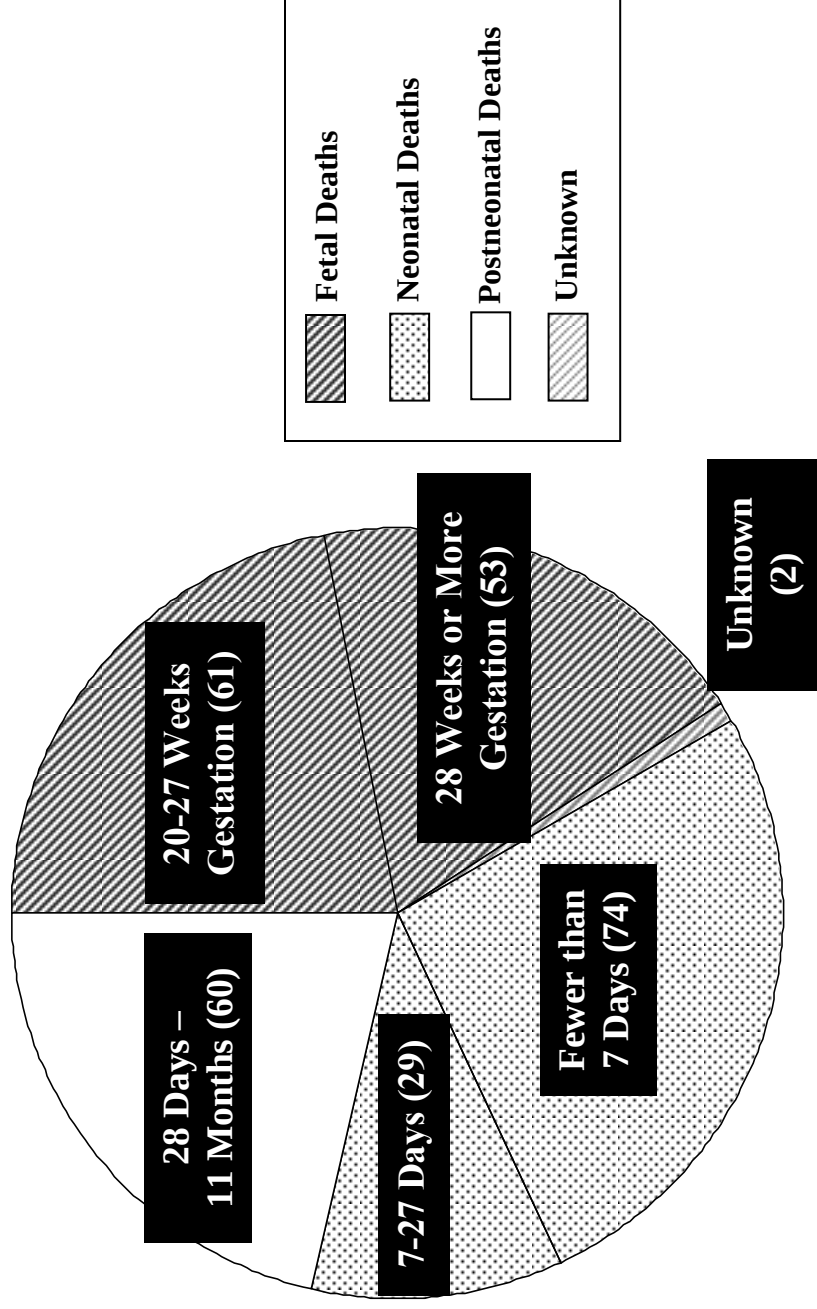
Table 36

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 Neonatal Survivors*
1925	1,740	38.5	N/A	N/A	N/A	N/A
1930	1,547	37.2	N/A	N/A	N/A	N/A
1935	1,647	39.4	1,467	35.1	1,071	25.6
1940	1,483	35.4	1,321	31.5	937	22.4
1945	1,594	41.5	1,085	28.2	928	24.1
1950	1,126	22.1	1,184	23.3	665	13.1
1955	813	18.4	847	19.2	351	7.9
1960	583	14.7	713	18.0	292	7.4
1965	575	18.0	649	20.3	218	6.8
1970	513	17.0	542	17.9	163	5.4
1975	323	11.6	385	13.8	128	4.6
1980	275	9.3	235	8.0	112	3.8
1985	208	8.6	175	7.3	82	3.4
1990	168	7.4	142	6.3	80	3.5
1995	143	6.8	103	4.9	57	2.7
2000	142	6.8	103	4.9	56	2.7
2005	115	5.5	106	5.1	62	3.0
2006	120	5.7	81	3.9	74	3.5
2007	116	5.3	103	4.7	60	2.7

*Neonatal survivors are live births minus neonatal deaths.

Fetal Deaths, Neonatal Deaths, and Postneonatal Deaths West Virginia Resident Perinatal Deaths, 2007

Exhibit 17



Causes of Resident Infant Deaths by Age West Virginia, 2007 Table 37

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	50	24	29	60	163
C00-C97	Malignant Neoplasms	0	0	1	1	2
G04-H95	Other Diseases of Nervous System and Sense Organs	0	0	0	1	1
I00-I09,I11, I13,I20-I51	Diseases of the Heart	0	1	0	0	1
J10-J18	Pneumonia and Influenza	0	0	0	2	2
J12-J18	Pneumonia	0	0	0	2	2
K40-K46,K56	Hernia of Abdominal Cavity and Intestinal Obstruction	0	0	0	1	1
K29,K50-K52	Gastritis, Duodenitis, and Noninfective Enteritis Colitis	0	0	0	1	1
Q00-Q99	Congenital Anomalies (Malformations)	10	6	5	6	27
Q00	Anencephalus and Similar Anomalies	0	3	0	0	3
Q01-Q04, Q06-Q07	Other Congenital Anomalies of Nervous System	1	0	1	1	3
Q20-Q24	Congenital Anomalies of Heart	1	0	3	3	7
Q25-Q28	Other Congenital Anomalies of Circulatory System	1	0	0	0	1
Q30-Q34	Congenital Anomalies of Respiratory System	2	0	0	0	2
Q35-Q45	Congenital Anomalies of Digestive System	0	1	0	0	1
Q50-Q64	Congenital Anomalies of Genitourinary System	2	1	0	0	3
Q65-Q79	Congenital Anomalies of Musculoskeletal System	2	0	0	1	3
Q90-Q99	Chromosomal Anomalies	1	1	1	1	4
Q90	Down's Syndrome	0	0	0	1	1
P00-P96	Certain Conditions Originating in the Perinatal Period	40	17	14	9	80
P01	Newborn Affected by Maternal Complications of Pregnancy	5	2	0	0	7
P02	Newborn Affected by Complications of Placenta, Cord, and Membranes	5	1	1	0	7
P03	Newborn Affected by Other Complications of Labor and Delivery	0	0	0	1	1
P07	Disorders Relating to Short Gestation and Unspecified Low Birthweight	14	2	1	0	17
P10-P15	Birth Trauma	0	0	1	0	1
P20-P21	Intrauterine Hypoxia and Birth Asphyxia	0	1	0	0	1
P20	Fetal Distress in Liveborn Infant	0	1	0	0	1
P22-0	Respiratory Distress Syndrome	1	2	1	0	4
P35-P39	Infections Specific to the Perinatal Period	3	2	3	0	8
P50-P54	Neonatal Hemorrhage	0	1	2	0	3
P90-P96	Other Disorders Originating in Perinatal Period	2	0	0	0	2
R00-R99	Symptoms, Signs, and Ill-Defined Conditions	0	0	7	25	32
R95	Sudden Infant Death Syndrome	0	0	7	22	29
V01-Y98	External Causes of Injury and Poisoning	0	0	1	10	11
V01-X59, Y85-Y86	Accidents	0	0	1	6	7
*	Motor Vehicle Crashes	0	0	0	3	3
W65-W84	Accidents Caused by Submersion, Suffocation, and Foreign Bodies	0	0	1	3	4
X85-Y09	Assault	0	0	0	3	3
Y06-Y07	Child Battering and Other Maltreatment	0	0	0	2	2
Residual	All Other Causes (Residual)	0	0	1	4	5

* See Appendix B for the codes that constitute Motor Vehicle Crashes.

West Virginia Bureau for Public Health
Health Statistics Center, 2009

**Causes of Resident Infant Deaths by Birthweight
West Virginia, 2007
Table 38**

ICDA 10 Code Number	Cause of Death	Birthweight				Total
		Less than 1,500 Grams	1,500 - 2,499 Grams	2,500 Grams or More	Unknown	
A00-Z99	Total Deaths, All Causes	71	32	59	1	163
C00-C97	Malignant Neoplasms	0	0	2	0	2
G04-H95	Other Diseases of Nervous System and Sense Organs	0	0	1	0	1
I00-I09,I11, I13,I20-I51	Diseases of the Heart	0	0	1	0	1
J10-J18	Pneumonia and Influenza Pneumonia	0	0	2	0	2
J12-J18		0	0	2	0	2
K40-K46,K56	Hernia of Abdominal Cavity and Intestinal Obstruction	0	0	1	0	1
K29,K50-K52	Gastritis, Duodenitis, and Noninfective Enteritis Colitis	0	1	0	0	1
Q00-Q99	Congenital Anomalies	6	13	8	0	27
Q00	Anencephalus and Similar Anomalies	0	3	0	0	3
Q01-Q04, Q06-Q07	Other Congenital Anomalies of Nervous System	0	3	0	0	3
Q20-Q24	Congenital Anomalies of Heart	1	1	5	0	7
Q25-Q28	Other Congenital Anomalies of Circulatory System	0	1	0	0	1
Q30-Q34	Congenital Anomalies of Respiratory System	1	1	0	0	2
Q35-Q45	Congenital Anomalies of Digestive System	1	0	0	0	1
Q50-Q64	Congenital Anomalies of Genitourinary System	1	1	1	0	3
Q65-Q79	Congenital Anomalies of Musculoskeletal System	1	2	0	0	3
Q90-Q99	Chromosomal Anomalies	1	1	2	0	4
Q90	Down's Syndrome	0	0	1	0	1
P00-P96	Certain Conditions Originating in the Perinatal Period	63	8	9	0	80
P01	Newborn Affected by Maternal Complications of Pregnancy	6	1	0	0	7
P02	Newborn Affected by Complications of Placenta, Cord, and Membranes	6	0	1	0	7
P03	Newborn Affected by Other Complications of Labor and Delivery	1	0	0	0	1
P07	Disorders Relating to Short Gestation and Unspecified Low Birthweight	17	0	0	0	17
P10-P15	Birth Trauma	0	1	0	0	1
P20-P21	Intrauterine Hypoxia and Birth Asphyxia	0	0	1	0	1
P20	Fetal Distress in Liveborn Infant	0	0	1	0	1
P22.0	Respiratory Distress Syndrome	4	0	0	0	4
P35-P39	Infections Specific to the Perinatal Period	5	0	3	0	8
P50-P54	Neonatal Hemorrhage	2	1	0	0	3
P95-P96	Other Disorders Originating in Perinatal Period	2	0	0	0	2
R00-R99	Symptoms, Signs, and Ill-Defined Conditions	1	8	22	1	32
R95	Sudden Infant Death Syndrome	0	7	21	1	29
V01-Y98	External Causes of Injury and Poisoning	0	1	10	0	11
V01-X59, Y85-Y86	Accidents	0	1	6	0	7
*	Motor Vehicle Injuries	0	0	3	0	3
W65-W84	Accidents Caused by Submersion, Suffocation, and Foreign Bodies	0	1	3	0	4
X85-Y09	Assault	0	0	3	0	3
Y06-Y07	Child Battering and Other Maltreatment	0	0	2	0	2
Residual	All Other Causes (Residual)	1	1	3	0	5

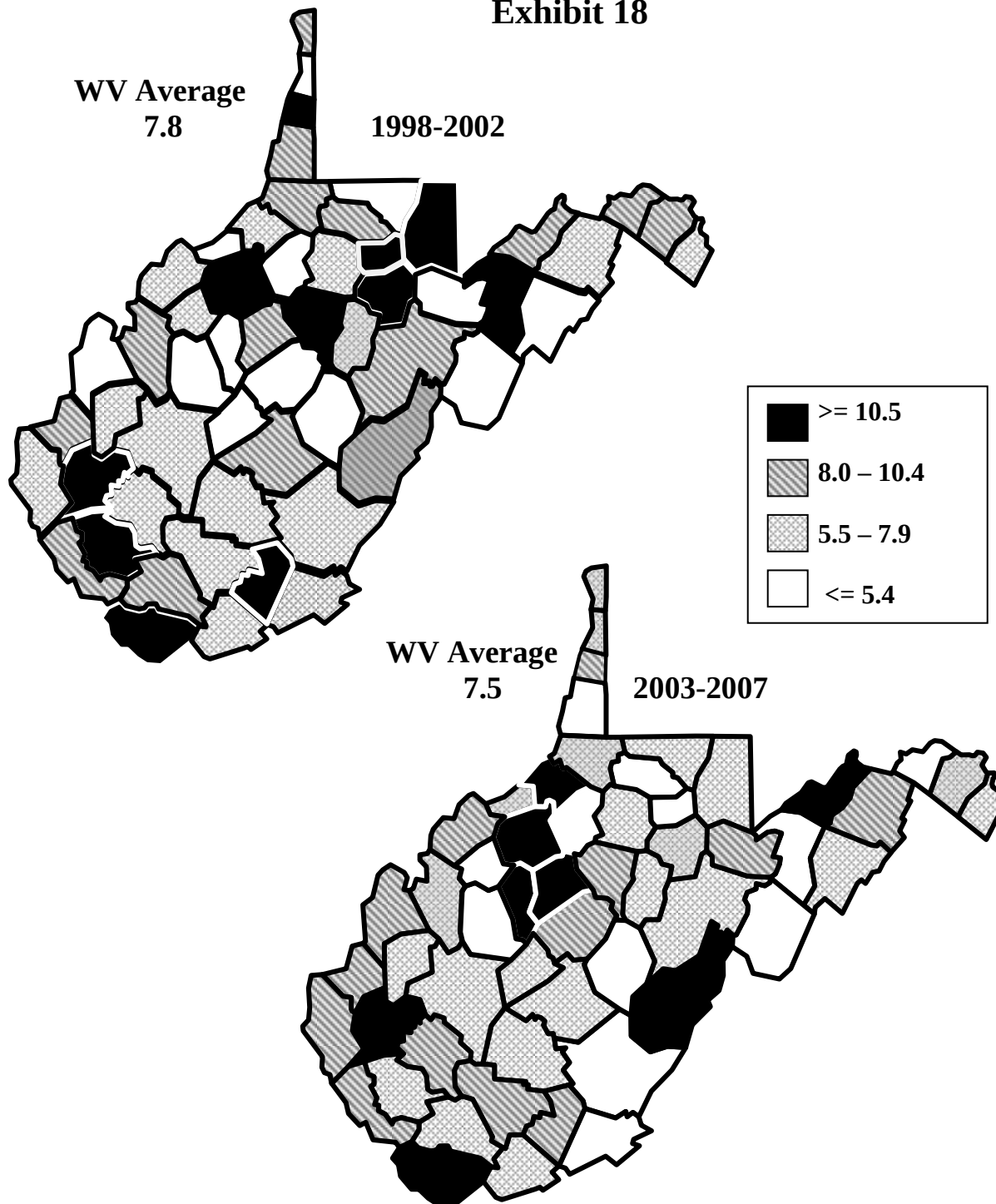
* See Appendix B for the codes that constitute Motor Vehicle Crashes.
West Virginia Bureau for Public Health
Health Statistics Center, 2009

**Infant Deaths and Selected Risk Factors
Associated with Infant Deaths
West Virginia Residents, 2007
Table 39**

Factor	Births		Infant Deaths	
	Number	Percent	Number	Percent
Total	22,017		163	
Birthweight < 2,500 Grams	2,093	9.5	103	63.2
Birthweight < 1,500 Grams	359	1.6	71	43.6
Gestational Age < 37 Weeks	2,617	11.9	103	63.2
Age of Mother < 20 Years	2,737	12.4	37	22.7
Age of Mother < 15 Years	31	0.1	0	0.0
Unmarried Mothers	8,869	40.3	97	59.5
Mothers Using Tobacco	5,875	26.7	64	39.3
Mothers Using Alcohol	71	0.3	1	0.6
White Mothers	20,985	95.3	150	92.0
Black Mothers	771	3.5	11	6.7
Mothers of Other Races	261	1.2	2	1.2

West Virginia Bureau for Public Health
Health Statistics Center, 2009

Resident Infant Death Rates by County West Virginia, 1998-2002 and 2003-2007 **Exhibit 18**



Number and Rate of Resident Infant Deaths by County
West Virginia, 2003-2007
Table 40

County	2003		2004		2005		2006		2007	
	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*
Barbour	0	0.0	1	5.8	2	10.5	2	13.0	1	5.2
Berkeley	10	8.5	10	7.9	12	9.2	9	6.7	11	7.3
Boone	1	3.0	3	9.5	3	9.7	4	12.1	3	9.3
Braxton	2	13.3	0	0.0	3	20.8	0	0.0	2	11.4
Brooke	1	4.3	4	16.9	1	4.4	1	4.8	1	4.5
Cabell	6	5.2	9	7.9	11	9.6	12	9.9	18	14.6
Calhoun	1	16.7	1	16.7	0	0.0	2	23.8	0	0.0
Clay	0	0.0	2	14.9	0	0.0	0	0.0	2	13.6
Doddridge	0	0.0	0	0.0	0	0.0	0	0.0	1	15.4
Fayette	5	8.3	3	5.4	4	6.8	3	5.3	3	4.8
Gilmer	1	20.4	1	13.9	1	12.7	2	28.2	0	0.0
Grant	1	7.1	0	0.0	0	0.0	0	0.0	1	8.0
Greenbrier	2	5.6	1	2.7	3	7.9	2	5.3	2	5.0
Hampshire	1	3.9	3	13.4	5	21.1	1	4.3	1	3.7
Hancock	5	14.5	4	11.5	0	0.0	2	6.5	2	6.3
Hardy	2	13.6	0	0.0	0	0.0	2	12.7	2	11.3
Harrison	12	15.1	5	5.9	9	10.9	0	0.0	2	2.5
Jackson	1	3.1	5	16.0	3	9.0	1	3.2	1	3.0
Jefferson	3	4.9	6	9.4	3	4.6	4	6.0	3	4.1
Kanawha	15	6.3	14	5.7	18	7.9	12	5.2	18	7.6
Lewis	1	5.0	1	5.8	2	9.2	2	11.5	2	8.6
Lincoln	8	27.2	3	10.2	4	13.8	1	3.5	1	3.7
Logan	4	9.3	4	9.1	3	7.0	2	4.8	4	8.7
McDowell	4	13.4	1	3.2	4	14.5	7	23.6	1	3.4
Marion	4	6.1	5	8.0	3	4.9	2	3.3	2	3.0
Marshall	2	6.0	3	8.4	0	0.0	2	6.3	1	2.8
Mason	2	6.7	1	3.4	2	6.5	4	13.2	5	14.7
Mercer	7	9.5	7	9.8	2	2.8	5	7.0	7	9.3
Mineral	4	14.2	1	3.1	7	25.5	3	10.1	1	3.0
Mingo	1	2.7	1	2.7	5	13.5	4	10.9	5	12.6
Monongalia	9	9.9	3	3.2	7	7.9	8	8.7	2	2.2
Monroe	1	9.0	0	0.0	0	0.0	0	0.0	2	14.1
Morgan	0	0.0	1	6.2	1	6.3	2	12.5	0	0.0
Nicholas	1	3.3	0	0.0	3	9.2	2	6.8	5	15.4
Ohio	2	4.1	5	10.9	5	9.7	4	8.3	4	7.9
Pendleton	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Pleasants	0	0.0	0	0.0	2	35.1	0	0.0	0	0.0
Pocahontas	1	11.4	4	44.0	1	13.2	2	20.8	0	0.0
Preston	2	6.1	3	9.3	1	3.4	3	8.5	4	11.6
Putnam	5	7.4	8	12.0	4	6.2	3	4.9	3	4.7
Raleigh	5	5.6	8	8.9	7	7.6	14	15.6	6	6.1
Randolph	3	9.6	2	6.3	4	11.3	1	3.2	2	5.8
Ritchie	1	7.6	3	24.0	0	0.0	3	31.9	1	9.6
Roane	0	0.0	0	0.0	0	0.0	0	0.0	1	5.7
Summers	1	7.9	1	9.2	1	9.3	1	8.7	2	16.4
Taylor	0	0.0	0	0.0	2	13.8	2	12.3	0	0.0
Tucker	1	14.7	0	0.0	0	0.0	0	0.0	2	24.1
Tyler	3	36.6	1	11.1	0	0.0	2	22.5	1	10.4
Upshur	1	3.5	2	7.0	2	7.4	4	13.7	1	3.7
Wayne	2	4.3	5	11.1	5	11.3	3	6.4	4	8.7
Webster	0	0.0	0	0.0	1	9.4	0	0.0	1	8.5
Wetzel	1	5.1	2	10.5	1	4.6	2	9.8	1	6.1
Wirt	1	15.9	0	0.0	0	0.0	0	0.0	0	0.0
Wood	4	4.0	10	10.1	10	9.8	8	8.2	14	13.4
Wyoming	3	10.5	1	4.0	1	3.7	0	0.0	4	16.0
Total	153	7.3	158	7.6	168	8.1	155	7.4	163	7.4

* Number of infant deaths per 1,000 live births

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Causes of Resident Fetal Deaths

West Virginia, 2003-2007

Table 41

ICDA 10 Code	Cause of Death	2003	2004	2005	2006	2007
P00-Q99,R99	Total Fetal Deaths, All Causes	129	135	115	120	116
P00-P96	Conditions Originating in the Perinatal Period	117	120	104	110	106
P00	Maternal conditions unrelated to present pregnancy	3	5	5	2	3
P00.1	Maternal renal and urinary tract diseases	1	0	0	0	0
P00.5	Maternal injury	0	0	1	0	0
P01.8	Other specified maternal conditions	1	0	0	1	1
P01	Fetus affected by maternal complications of pregnancy	16	14	15	16	12
P01.0	Incompetent cervix	6	3	2	1	5
P01.1	Other forms of placental separation and hemorrhage	6	8	9	7	2
P01.2	Oligohydramnios	1	2	0	1	2
P01.5	Multiple pregnancy	2	0	3	4	0
P01.8	Other specified conditions	1	0	0	1	1
P02	Complications of placenta, cord, and membranes	42	43	38	42	40
P02.1	Premature rupture of membranes	16	15	21	17	15
P02.2	Unspecified abnormalities of placenta	4	2	0	4	3
P02.3	Placenta transfusion syndrome	0	0	0	0	1
P02.4	Prolapsed cord	0	0	1	1	0
P02.5	Other compression of umbilical cord	17	25	15	16	18
P02.6	Unspecified conditions of umbilical cord	0	0	0	1	0
P02.7	Chorionamnionitis	5	1	1	2	3
P03	Other complications of labor and delivery	0	1	0	2	2
P07	Short gestation and unspecified low birthweight	5	12	9	8	9
P07.2	Extreme prematurity	2	7	4	3	5
P07.3	Other preterm infants	3	5	4	5	4
P20-P21	Intrauterine hypoxia and birth asphyxia	6	4	4	1	1
P28	Other respiratory conditions	3	0	0	0	0
P35-P39	Infections specific to perinatal period	0	0	1	0	0
P50-P54	Fetal hemorrhage	0	0	1	0	0
P70-P74	Endocrine and metabolic disturbances	2	2	1	2	2
P70.0-P70.2	Syndrome of "infant of a diabetic mother"	2	2	1	2	2
P70.2	Neonatal diabetes mellitus	1	0	0	0	0
P80-P83	Integument and temperature regulation	1	0	1	0	2
P90-P96	Other and ill-defined conditions	35	34	28	33	30
P90-P96.8	Other specified conditions originating in the perinatal period	0	0	1	0	0
P96.9	Unspecified conditions originating in the perinatal period	35	34	27	33	30
Q00-Q99	Congenital Anomalies	12	15	11	10	8
Q00	Anencephalus	0	2	1	0	0
Q05	Spina bifida	1	1	0	0	0
Q01-Q04,Q06-Q07	Other anomalies of nervous system	1	1	1	0	1
Q20-Q24	Anomalies of heart	1	2	0	1	0
Q30-Q34	Anomalies of respiratory system	1	0	0	0	0
Q50-Q64	Anomalies of genitourinary system	1	0	1	3	2
Q65-Q79	Musculoskeletal anomalies	0	0	1	0	0
Q90-Q99	Chromosomal anomalies	5	3	3	2	2
Q90	Down's Syndrome	2	0	0	0	0
Q80-Q89	Other and unspecified congenital anomalies	2	5	3	3	3
Q99	Congenital anomaly, unspecified	0	1	2	0	0
R99	Residual - All Other Causes and Unknown	0	0	0	0	2

Number and Ratio of Resident Fetal Deaths by County
West Virginia, 2003-2007
Table 42

County	2003		2004		2005		2006		2007	
	Number	Ratio*	Number	Ratio*	Number	Ratio*	Number	Ratio*	Number	Ratio*
Barbour	1	5.9	1	5.8	1	5.3	0	0.0	3	15.5
Berkeley	8	6.8	6	4.7	6	4.6	4	3.0	10	6.6
Boone	2	6.1	3	9.5	7	22.7	4	12.1	3	9.3
Braxton	2	13.3	0	0.0	0	0.0	0	0.0	2	11.4
Brooke	1	4.3	2	8.4	2	8.9	1	4.8	2	9.1
Cabell	6	5.2	7	6.2	8	7.0	9	7.4	4	3.2
Calhoun	1	16.7	1	16.7	1	11.2	0	0.0	0	0.0
Clay	0	0.0	1	7.5	0	0.0	2	14.7	1	6.8
Doddridge	0	0.0	1	12.7	1	13.3	0	0.0	0	0.0
Fayette	5	8.3	3	5.4	1	1.7	2	3.5	8	12.7
Gilmer	1	20.4	0	0.0	0	0.0	1	14.1	1	12.5
Grant	0	0.0	1	7.6	0	0.0	0	0.0	1	8.0
Greenbrier	6	16.7	3	8.0	3	7.9	2	5.3	3	7.5
Hampshire	0	0.0	0	0.0	1	4.2	0	0.0	0	0.0
Hancock	1	2.9	1	2.9	3	9.2	1	3.2	0	0.0
Hardy	0	0.0	0	0.0	0	0.0	0	0.0	1	5.6
Harrison	5	6.3	5	5.9	8	9.7	4	4.7	3	3.7
Jackson	1	3.1	2	6.4	2	6.0	4	12.7	0	0.0
Jefferson	2	3.3	4	6.2	2	3.1	1	1.5	2	2.8
Kanawha	23	9.7	23	9.4	17	7.5	18	7.8	6	2.5
Lewis	0	0.0	0	0.0	0	0.0	7	40.2	2	8.6
Lincoln	2	6.8	0	0.0	0	0.0	2	7.0	4	14.9
Logan	6	13.9	4	9.1	2	4.7	2	4.8	6	13.1
McDowell	2	6.7	3	9.7	1	3.6	2	6.8	2	6.8
Marion	2	3.1	6	9.6	4	6.5	5	8.3	5	7.5
Marshall	3	9.1	2	5.6	1	3.3	1	3.2	1	2.8
Mason	1	3.4	2	6.7	1	3.2	3	9.9	2	5.9
Mercer	3	4.1	2	2.8	3	4.3	3	4.2	2	2.6
Mineral	0	0.0	0	0.0	1	3.6	0	0.0	0	0.0
Mingo	2	5.3	1	2.7	3	8.1	1	2.7	2	5.1
Monongalia	6	6.6	3	3.2	2	2.3	3	3.3	6	6.6
Monroe	1	9.0	1	8.1	0	0.0	0	0.0	0	0.0
Morgan	1	6.5	1	6.2	0	0.0	0	0.0	0	0.0
Nicholas	1	3.3	3	11.4	0	0.0	1	3.4	1	3.1
Ohio	4	8.3	3	6.6	0	0.0	4	8.3	4	7.9
Pendleton	1	10.0	0	0.0	0	0.0	0	0.0	0	0.0
Pleasants	1	12.8	0	0.0	0	0.0	0	0.0	0	0.0
Pocahontas	3	34.1	1	11.0	0	0.0	1	10.4	2	20.6
Preston	0	0.0	2	6.2	1	3.4	1	2.8	1	2.9
Putnam	4	5.9	1	1.5	6	9.3	1	1.6	2	3.1
Raleigh	6	6.8	10	11.1	5	5.4	8	8.9	10	10.1
Randolph	1	3.2	2	6.3	1	2.8	3	9.5	0	0.0
Ritchie	0	0.0	0	0.0	0	0.0	2	21.3	0	0.0
Roane	1	5.4	1	5.3	0	0.0	2	12.7	1	5.7
Summers	1	7.9	4	36.7	1	9.3	3	26.1	1	8.2
Taylor	0	0.0	0	0.0	2	13.8	0	0.0	1	6.1
Tucker	0	0.0	2	33.9	0	0.0	0	0.0	0	0.0
Tyler	0	0.0	0	0.0	2	21.1	2	22.5	0	0.0
Upshur	1	3.5	2	7.0	4	14.8	1	3.4	1	3.7
Wayne	1	2.2	1	2.2	2	4.5	1	2.1	0	0.0
Webster	0	0.0	2	22.2	1	9.4	0	0.0	0	0.0
Wetzel	0	0.0	1	5.3	0	0.0	2	9.8	0	0.0
Wirt	0	0.0	1	16.4	1	18.9	0	0.0	0	0.0
Wood	7	6.9	9	9.1	8	7.8	5	5.1	9	8.6
Wyoming	3	10.5	1	4.0	0	0.0	1	3.7	1	4.0
Total	129	6.1	135	6.5	115	5.5	120	5.7	116	5.3

* Fetal death ratio = (fetal deaths / live births) X 1,000 in each respective county

**Causes of Resident Deaths: Number and Rate
West Virginia, 2007
Table 43**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
A00-Z99*	Total Deaths, All Causes	21,067	11.6
A00-B99	Certain Infectious and Parasitic Diseases	502	27.7
A00-A09	Intestinal Infectious Diseases	55	3.0
A02	Other Salmonella Infections	1	0.1
A04	Other Bacterial Intestinal Infections	52	2.9
A08	Viral and Other Specified Intestinal Infections	2	0.1
A15-A19	Tuberculosis	3	0.2
A16	Respiratory Tuberculosis, Not Confirmed Bacteriologically or Histologically	3	0.2
A30-A49	Other Bacterial Diseases	361	19.9
A31	Infection due to Other Mycobacteria	3	0.2
A40	Streptococcal Septicemia	3	0.2
A41	Other Septicemia	345	19.0
A43	Nocardiosis	1	0.1
A49	Bacterial Infection of Unspecified Site	9	0.5
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	2	0.1
A83	Mosquito-Borne Viral Encephalitis	1	0.1
B00-B09	Viral Infections Characterized by Skin and Mucous Membrane Lesions	1	0.1
B00	Herpesviral [Herpes Simplex] Infection	1	0.1
B15-B19	Viral Hepatitis	44	2.4
B16	Acute Hepatitis B	7	0.4
B18	Chronic Viral Hepatitis	36	2.0
B19	Unspecified Viral Hepatitis	1	0.1
B20-B24	Human Immunodeficiency Virus [HIV] Disease	20	1.1
B20	Human Immunodeficiency Virus [HIV] Disease Resulting in Infectious and Parasitic Diseases	8	0.4
B21	Human Immunodeficiency Virus [HIV] Disease Resulting in Malignant Neoplasms	2	0.1
B22	Human Immunodeficiency Virus [HIV] Disease Resulting in Other Specified Diseases	2	0.1

Rates for total deaths are per 1,000 population. All other rates are deaths per 100,000 population except where otherwise noted.

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Causes of Resident Deaths: Number and Rate
West Virginia, 2007
Table 43 (continued)

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
B23	Human Immunodeficiency Virus [HIV] Disease Resulting in Other Conditions	4	0.2
B24	Unspecified Human Immunodeficiency Virus [HIV] Disease	4	0.2
B25-B34	Other Viral Diseases	1	0.1
B34	Viral Infection of Unspecified Site	1	0.1
B35-B49	Mycoses	7	0.4
B37	Candidiasis	1	0.1
B40	Blastomycosis	1	0.1
B44	Aspergillosis	2	0.1
B46	Zygomycosis	1	0.1
B49	Unspecified Mycosis	2	0.1
B65-B83	Helminthiases	1	0.1
B80	Enterobiasis	1	0.1
B90-B94	Sequelae of Infectious and Parasitic Diseases	2	0.1
B91	Sequelae of Poliomyelitis	2	0.1
B99	Other Infectious Diseases	3	0.2
B99	Other and Unspecified Infectious Diseases	3	0.2
C00-D48	Neoplasms	4,826	266.3
C00-C97	Malignant Neoplasms	4,688	258.7
C00	Malignant Neoplasm of Lip	2	0.1
C01	Malignant Neoplasm of Base of Tongue	2	0.1
C02	Malignant Neoplasm of Other and Unspecified Parts of Tongue	11	0.6
C03	Malignant Neoplasm of Gum	3	0.2
C04	Malignant Neoplasm of Floor of Mouth	1	0.1
C05	Malignant Neoplasm of Palate	4	0.2
C06	Malignant Neoplasm of Other and Unspecified Parts of Mouth	7	0.4
C07	Malignant Neoplasm of Parotid Gland	3	0.2
C09	Malignant Neoplasm of Tonsil	10	0.6
C10	Malignant Neoplasm of Oropharynx	4	0.2
C11	Malignant Neoplasm of Nasopharynx	3	0.2

Rates for total deaths are per 1,000 population. All other rates are deaths per 100,000 population except where otherwise noted.

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**Causes of Resident Deaths: Number and Rate
West Virginia, 2007
Table 43 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
C12	Malignant Neoplasm of Pyriform Sinus	1	0.1
C14	Malignant Neoplasm of Other and Ill-Defined Sites in the Lip, Oral Cavity and Pharynx	12	0.7
C15-C26	Malignant Neoplasms of Digestive Organs	1,011	55.8
C15	Malignant Neoplasm of Esophagus	111	6.1
C16	Malignant Neoplasm of Stomach	64	3.5
C17	Malignant Neoplasm of Small Intestine	2	0.1
C18	Malignant Neoplasm of Colon	372	20.5
C19	Malignant Neoplasm of Rectosigmoid Junction	24	1.3
C20	Malignant Neoplasm of Rectum	60	3.3
C21	Malignant Neoplasm of Anus and Anal Canal	11	0.6
C22	Malignant Neoplasm of Liver and Intrahepatic Bile Ducts	116	6.4
C23	Malignant Neoplasm of Gallbladder	17	0.9
C24	Malignant Neoplasm of Other and Unspecified Parts of the Biliary Tract	11	0.6
C25	Malignant Neoplasm of Pancreas	210	11.6
C26	Malignant Neoplasm of Other and Ill-Defined Digestive Organs	13	0.7
C30-C39	Malignant Neoplasms of Respiratory and Intrathoracic Organs	1,549	85.5
C30	Malignant Neoplasm of Nasal Cavity and Middle Ear	1	0.1
C31	Malignant Neoplasm of Accessory Sinuses	1	0.1
C32	Malignant Neoplasm of Larynx	29	1.6
C33	Malignant Neoplasm of Trachea	1	0.1
C34	Malignant Neoplasm of Bronchus and Lung	1,509	83.3
C37	Malignant Neoplasm of Thymus	2	0.1
C38	Malignant Neoplasm of Heart, Mediastinum, and Pleura	1	0.1
C39	Malignant Neoplasm of Other and Ill-Defined Sites in the Respiratory System and Intrathoracic Organs	5	0.3
C40-C41	Malignant Neoplasms of Bone and Articular Cartilage	1	0.1
C41	Malignant Neoplasm of Bone and Articular Cartilage of Other and Unspecified Sites	1	0.1
C43-C44	Melanoma and Other Malignant Neoplasms of Skin	83	4.6
C43	Malignant Neoplasm of Skin	67	3.7
C44	Other Malignant Neoplasms of Skin	16	0.9

Rates for total deaths are per 1,000 population. All other rates are deaths per 100,000 population except where otherwise noted.

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Health Statistics Center, 2009

Causes of Resident Deaths: Number and Rate West Virginia, 2007 Table 43 (continued)

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
C45-C49	Malignant Neoplasms of Mesothelial and Soft Tissue	65	3.6
C45	Mesothelioma	29	1.6
C48	Malignant Neoplasm of Retroperitoneum and Peritoneum	6	0.3
C49	Malignant Neoplasm of Other Connective and Soft Tissue	30	1.7
C50	Malignant Neoplasm of Breast	284	15.7
C50	Malignant Neoplasm of Breast	284	15.7
C51-C58	Malignant Neoplasms of Female Genital Organs	235	13.0
C51	Malignant Neoplasm of Vulva	12	0.7
C52	Malignant Neoplasm of Vagina	4	0.2
C53	Malignant Neoplasm of Cervix Uteri	38	2.1
C54	Malignant Neoplasm of Corpus Uteri	28	1.5
C55	Malignant Neoplasm of Uterus, Part Unspecified	30	1.7
C56	Malignant Neoplasm of Ovary	120	6.6
C57	Malignant Neoplasm of Other and Unspecified Female Genital Organs	3	0.2
C60-C63	Malignant Neoplasms of Male Genital Organs	167	9.2
C60	Malignant Neoplasm of Penis	5	0.3
C61	Malignant Neoplasm of Prostate	160	8.8
C62	Malignant Neoplasm of Testis	2	0.1
C64-C68	Malignant Neoplasms of Urinary Tract	227	12.5
C64	Malignant Neoplasm of Kidney, Except Renal Pelvis	104	5.7
C66	Malignant Neoplasm of Ureter	2	0.1
C67	Malignant Neoplasm of Bladder	115	6.3
C68	Malignant Neoplasm of Other and Unspecified Urinary Organs	6	0.3
C69-C72	Malignant Neoplasms of Eye, Brain and Other Parts of Central Nervous System	110	6.1
C69	Malignant Neoplasm of Eye and Adnexa	2	0.1
C70	Malignant Neoplasm of Meninges	3	0.2
C71	Malignant Neoplasm of Brain	105	5.8
C73-C75	Malignant Neoplasms of Other Endocrine Glands	21	1.2
C73	Malignant Neoplasm of Thyroid Gland	13	0.7

Rates for total deaths are per 1,000 population. All other rates are deaths per 100,000 population except where otherwise noted.

West Virginia Bureau for Public Health
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Causes of Resident Deaths: Number and Rate
West Virginia, 2007
Table 43 (continued)

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
C74	Malignant Neoplasm of Adrenal Gland	4	0.2
C75	Malignant Neoplasm of Other Endocrine Glands and Related Structures	4	0.2
C76-C80	Malignant Neoplasms of Ill-Defined, Secondary and Unspecified Sites	314	17.3
C76	Malignant Neoplasm of Other and Ill-Defined Sites	38	2.1
C78	Secondary and Malignant Neoplasm of Respiratory and Digestive Organs	20	1.1
C79	Secondary Malignant Neoplasm of Other Sites	31	1.7
C80	Malignant Neoplasm without Specification of Site	225	12.4
C81-C96	Malignant Neoplasms of Lymphoid, Hematopoietic and Related Tissue	424	23.4
C81	Hodgkin's Disease	9	0.5
C83	Diffuse Non-Hodgkin's Lymphoma	21	1.2
C84	Peripheral and Cutaneous T-Cell Lymphoma	5	0.3
C85	Other and Unspecified Types of Non-Hodgkin's Lymphoma	144	7.9
C88	Malignant Immunoproliferative Diseases	2	0.1
C90	Multiple Myeloma and Malignant Plasma Cell Neoplasms	76	4.2
C91	Lymphoid Leukemia	51	2.8
C92	Myeloid Leukemia	74	4.1
C93	Monocytic Leukemia	2	0.1
C94	Other Leukemias of Specified Cell Type	2	0.1
C95	Leukemia of Unspecified Cell Type	38	2.1
C97	Malignant Neoplasm of Independent (Primary) Multiple Sites	134	7.4
C97	Malignant Neoplasm of Independent (Primary) Multiple Sites	134	7.4
D10-D36	Benign Neoplasms	5	0.3
D25	Leiomyoma of Uterus	1	0.1
D32	Benign Neoplasm of Meninges	4	0.2
D37-D48	Neoplasms of Uncertain or Unknown Behavior	133	7.3
D37	Neoplasm of Uncertain or Unknown Behavior of Oral Cavity and Digestive Organs	8	0.4
D38	Neoplasm of Uncertain or Unknown Behavior of Middle Ear and Respiratory and Intrathoracic Organs	9	0.5
D39	Neoplasm of Uncertain or Unknown Behavior of Female Genital Organs	1	0.1
D41	Neoplasm of Uncertain or Unknown Behavior of Urinary Organs	6	0.3

Rates for total deaths are per 1,000 population. All other rates are deaths per 100,000 population except where otherwise noted.

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**Causes of Resident Deaths: Number and Rate
West Virginia, 2007
Table 43 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
D42	Neoplasm of Uncertain or Unknown Behavior of Meninges	1	0.1
D43	Neoplasm of Uncertain or Unknown Behavior of Brain and Central Nervous System	35	1.9
D44	Neoplasm of Uncertain or Unknown Behavior of Endocrine Glands	2	0.1
D45	Polycythemia Vera	2	0.1
D46	Myelodysplastic Syndromes	47	2.6
D47	Other Neoplasm of Uncertain or Unknown Behavior of Lymphoid, Hematopoietic and Related Tissue	15	0.8
D48	Neoplasm of Uncertain or Unknown Behavior of Other and Unspecified Sites	7	0.4
D50-D89	Disease of the Blood and Blood-forming Organs and Certain Disorders Involving the Immune Mechanism	104	5.7
D50-D53	Nutritional Anemias	1	0.1
D50	Iron Deficiency Anemia	1	0.1
D55-D59	Hemolytic Anemias	3	0.2
D57	Sickle-Cell Disorders	1	0.1
D58	Other Hereditary Hemolytic Anemias	1	0.1
D59	Acquired Hemolytic Anemia	1	0.1
D60-D64	Aplastic and Other Anemias	44	2.4
D61	Other Aplastic Anemias	9	0.5
D64	Other Anemias	35	1.9
D65-D69	Coagulation Defects, Purpura and Other Hemorrhagic Conditions	37	2.0
D65	Disseminated Intravascular Coagulation [Defibrination Syndrome]	10	0.6
D67	Hereditary Factor IX Deficiency	1	0.1
D68	Other Coagulation Defects	15	0.8
D69	Purpura and Other Hemorrhagic Conditions	11	0.6
D70-D77	Other Diseases of Blood and Blood-forming Organs	8	0.4
D70	Agranulocytosis	4	0.2
D72	Other Disorders of White Blood Cells	1	0.1
D73	Diseases of Spleen	1	0.1
D75	Other Diseases of Blood and Blood-forming Organs	1	0.1
D76	Certain Diseases Involving Lymphoreticular Tissue and Reticulohistiocytic System	1	0.1
D80-D89	Certain Disorders Involving the Immune Mechanism	11	0.6

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**Causes of Resident Deaths: Number and Rate
West Virginia, 2007
Table 43 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
D82	Immunodeficiency Associated with Other Major Defects	1	0.1
D84	Other Immunodeficiencies	5	0.3
D86	Sarcoidosis	3	0.2
D89	Other Disorders Involving the Immune Mechanism, Not Elsewhere Classified	2	0.1
E00-E90	Endocrine, Nutritional and Metabolic Diseases	1,123	62.0
E00-E07	Disorders of Thyroid Gland	35	1.9
E03	Other Hypothyroidism	33	1.8
E07	Other Disorders of Thyroid	2	0.1
E10-E14	Diabetes Mellitus	801	44.2
E10	Insulin-Dependent Diabetes Mellitus	63	3.5
E11	Non-Insulin-Dependent Diabetes Mellitus	232	12.8
E14	Unspecified Diabetes Mellitus	506	27.9
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	4	0.2
E23	Hyperfunction and Other Disorders of Pituitary Gland	2	0.1
E27	Other Disorders of Adrenal Gland	5	0.3
E40-E46	Malnutrition	18	1.0
E43	Unspecified Severe Protein-Energy Malnutrition	3	0.2
E46	Unspecified Protein-Energy Malnutrition	15	0.8
E65-E68	Obesity and Other Hyperalimentation	61	3.4
E66	Obesity	61	3.4
E70-E90	Metabolic Disorders	196	10.8
E72	Other Disorders of Amino-Acid Metabolism	2	0.1
E74	Other Disorders of Carbohydrate Metabolism	1	0.1
E75	Disorders of Sphingolipid Metabolism and Other Lipid Storage Disorders	2	0.1
E78	Disorders of Lipoprotein Metabolism and Other Lipidemias	114	6.3
E83	Disorders of Mineral Metabolism	4	0.2

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Causes of Resident Deaths: Number and Rate West Virginia, 2007 Table 43 (continued)

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
E84	Cystic Fibrosis	4	0.2
E85	Amyloidosis	4	0.2
E86	Volume Depletion	20	1.1
E87	Other Disorders of Fluid, Electrolyte and Acid-Base Balance	33	1.8
E88	Other Metabolic Disorders	12	0.7
F00-F99	Mental and Behavioral Disorders	671	37.0
F00-F09	Organic, Including Symptomatic, Mental Disorders	602	33.2
F01	Vascular Dementia	27	1.5
F03	Unspecified Dementia	555	30.6
F05	Delirium, Not Induced by Alcohol and Other Psychoactive Substances	2	0.1
F06	Other Mental Disorders due to Brain Damage and Dysfunction and to Physical Disease	18	1.0
F10-F19	Mental and Behavioral Disorders due to Psychoactive Substance Use	53	2.9
F10	Mental and Behavioral Disorders due to Use of Alcohol	50	2.8
F17	Mental and Behavioral Disorders due to Use of Tobacco	2	0.1
F19	Mental and Behavioral Disorders due to Multiple Drug Use and Use of Other Psychoactive Substances	1	0.1
F20-F29	Schizophrenia, Schizotypal and Delusional Disorders	3	0.2
F20	Schizophrenia	3	0.2
F30-F39	Mood [Affective] Disorders	4	0.2
F31	Bipolar Affective Disorder	2	0.1
F32	Depressive Episode	2	0.1
F40-F48	Neurotic, Stress-Related and Somatoform Disorders	3	0.2
F43	Reaction to Severe Stress, and Adjustment Disorders	2	0.1
F48	Other Neurotic Disorders	1	0.1
F50-F59	Behavioral Syndromes Associated with Physiological Disturbances and Physical Factors	1	0.1
F54	Psychological and Behavioral Factors Associated with Disorders or Diseases Classified Elsewhere	1	0.1
F70-F79	Mental Retardation	4	0.2
F79	Unspecified Mental Retardation	4	0.2
F80-F89	Disorders of Psychological Development	1	0.1
F84	Pervasive Developmental Disorders	1	0.1

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Causes of Resident Deaths: Number and Rate
West Virginia, 2007
Table 43 (continued)

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
G00-G99	Diseases of the Nervous System	938	51.8
G00-G09	Inflammatory Diseases of the Central Nervous System	5	0.3
G00	Bacterial Meningitis, Not Elsewhere Classified	3	0.2
G04	Encephalitis, Myelitis and Encephalomyelitis	1	0.1
G09	Sequelae of Inflammatory Diseases of Central Nervous System	1	0.1
G10-G13	Systemic Atrophies Primarily Affecting the Central Nervous System	63	3.5
G10	Huntington's Disease	11	0.6
G11	Hereditary Ataxia	2	0.1
G12	Spinal Muscular Atrophy and Related Syndromes	50	2.8
G20-G26	Extrapyramidal and Movement Disorders	144	7.9
G20	Parkinson's Disease	141	7.8
G23	Other Degenerative Diseases of Basal Ganglia	2	0.1
G25	Other Extrapyramidal and Movement Disorders	1	0.1
G30-G32	Other Degenerative Diseases of the Nervous System	573	31.6
G30	Alzheimer's Disease	557	30.7
G31	Other Degenerative Diseases of Nervous System, Not Elsewhere Classified	16	0.9
G35-G37	Demyelinating Diseases of the Central Nervous System	25	1.4
G35	Multiple Sclerosis	24	1.3
G37	Other Demyelinating	1	0.1
G40-G47	Episodic and Paroxysmal Disorders	18	1.0
G40	Epilepsy	7	0.4
G41	Status Epilepticus	5	0.3
G45	Transient Cerebral Ischemic Attacks and Related Syndromes	2	0.1
G47	Sleep Disorders	4	0.2
G50-G59	Nerve, Nerve Root and Plexus Disorders	1	0.1
G50	Disorders of Trigeminal Nerve	1	0.1
G60-G64	Polynuropathies and Other Disorders of the Peripheral Nervous System	5	0.3
G61	Inflammatory Polynuropathy	4	0.2
G62	Other Polynuropathies	1	0.1

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Causes of Resident Deaths: Number and Rate
West Virginia, 2007
Table 43 (continued)

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
G70-G73	Diseases of Myoneural Junction and Muscle	16	0.9
G70	Myasthenia Gravis and Other Myoneural Disorders	5	0.3
G71	Primary Disorders of Muscles	9	0.5
G72	Other Myopathies	2	0.1
G80-G83	Cerebral Palsy and Other Paralytic Syndromes	22	1.2
G80	Infantile Cerebral Palsy	15	0.8
G81	Hemiplegia	1	0.1
G82	Paraplegia and Tetraplegia	6	0.3
G90-G99	Other Disorders of the Nervous System	66	3.6
G91	Hydrocephalus	3	0.2
G93	Other Disorders of Brain	61	3.4
G95	Other Diseases of Spinal Cord	1	0.1
G98	Other Disorders of Nervous System, Not Elsewhere Classified	1	0.1
H00-H59	Diseases of the Eye and Adnexa	1	0.1
H15-H22	Disorders of Sclera, Cornea, Iris and Ciliary Body	1	0.1
H20	Iridocyclitis	1	0.1
I00-I99	Diseases of the Circulatory System	6,883	379.8
I00-I09, I11, I13,	Diseases of the Heart	5,234	288.8
I20-I51	Chronic Rheumatic Heart Diseases	20	1.1
I05-I09	Rheumatic Mitral Valve Diseases	10	0.6
I05	Rheumatic Aortic Valve Diseases	1	0.1
I06	Rheumatic Tricuspid Valve Diseases	3	0.2
I07	Multiple Valve Diseases	5	0.3
I08	Other Rheumatic Heart Diseases	1	0.1
I09	Hypertensive Diseases	388	21.4
I10-I15	Essential (Primary) Hypertension	167	9.2

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**Causes of Resident Deaths: Number and Rate
West Virginia, 2007
Table 43 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
I11	Hypertensive Heart Disease	114	6.3
I12	Hypertensive Renal Disease	85	4.7
I13	Hypertensive Heart and Renal Disease	22	1.2
I20-I25	Ischemic Heart Diseases	3,504	193.4
I20	Angina Pectoris	4	0.2
I21	Acute Myocardial Infarction	1,117	61.6
I22	Subsequent Myocardial Infarction	2	0.1
I24	Other Acute Ischemic Heart Diseases	21	1.2
I25	Chronic Ischemic Heart Disease	2,360	130.2
I26-I28	Pulmonary Heart Disease and Diseases of Pulmonary Circulation	96	5.3
I26	Pulmonary Embolism	64	3.5
I27	Other Pulmonary Heart Diseases	32	1.8
I30-I52	Other forms of Heart Diseases	1,478	81.6
I31	Other Diseases of Pericardium	1	0.1
I33	Acute and Subacute Endocarditis	7	0.4
I34	Nonrheumatic Mitral Valve Disorders	13	0.7
I35	Nonrheumatic Aortic Valve Disorders	82	4.5
I37	Pulmonary Valve Disorders	1	0.1
I38	Endocarditis, Valve Unspecified	19	1.0
I40	Acute Myocarditis	5	0.3
I42	Cardiomyopathy	149	8.2
I44	Atrioventricular and Left Bundle-Branch Block	8	0.4
I45	Other Conduction Disorders	4	0.2
I46	Cardiac Arrest	304	16.8
I47	Paroxysmal Tachycardia	7	0.4
I48	Atrial Fibrillation and Flutter	142	7.8
I49	Other Cardiac Arrhythmias	49	2.7
I50	Heart Failure	623	34.4
I51	Complications and Ill-Defined Descriptions of Heart Disease	64	3.5

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Causes of Resident Deaths: Number and Rate
West Virginia, 2007
Table 43 (continued)

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
I60-I69	Cerebrovascular Diseases	1,112	61.4
I60	Subarachnoid Hemorrhage	54	3.0
I61	Intracerebral Hemorrhage	141	7.8
I62	Other Nontraumatic Intracranial Hemorrhage	95	5.2
I63	Cerebral Infarction	55	3.0
I64	Stroke, Not Specified as Hemorrhage or Infarction	605	33.4
I67	Other Cerebrovascular Diseases	115	6.3
I69	Sequelae of Cerebrovascular Disease	47	2.6
I70-I79	Diseases of Arteries, Arterioles and Capillaries	248	13.7
I70	Atherosclerosis	78	4.3
I71	Aortic Aneurysm and Dissection	107	5.9
I72	Other Aneurysm	7	0.4
I73	Other Peripheral Vascular Diseases	44	2.4
I74	Arterial Embolism and Thrombosis	5	0.3
I77	Other Disorders of Arteries and Arterioles	6	0.3
I78	Diseases of Capillaries	1	0.1
I80-I89	Diseases of Veins, Lymphatic Vessels and Lymph Nodes, Not Elsewhere Classified	33	1.8
I80	Phlebitis and Thrombophlebitis	25	1.4
I81	Portal Vein Thrombosis	3	0.2
I83	Varicose Veins of Lower Extremities	1	0.1
I85	Esophageal Varices	3	0.2
I89	Other Noninfective Disorders of Lymphatic Vessels and Lymph Nodes	1	0.1
I95-I99	Other and Unspecified Disorders of the Circulatory System	4	0.2
I95	Hypotension	2	0.1
I99	Other and Unspecified Disorders of Circulatory System	2	0.1
J00-J99	Diseases of the Respiratory System	2,189	120.8
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	370	20.4

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**Causes of Resident Deaths: Number and Rate
West Virginia, 2007
Table 43 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
J10	Influenza due to Identified Influenza Virus	4	0.2
J12	Viral Pneumonia, Not Elsewhere Classified	4	0.2
J13	Pneumonia due to Streptococcus Pneumoniae	3	0.2
J15	Bacterial Pneumonia, Not Elsewhere Classified	16	0.9
J18	Pneumonia, Organism Unspecified	343	18.9
J20-J22	Other Acute Lower Respiratory Infections	3	0.2
J20	Acute Bronchitis	2	0.1
J21	Acute Bronchiolitis	1	0.1
J30-J39	Other Diseases of Upper Respiratory Tract	5	0.3
J32	Chronic Sinusitis	1	0.1
J34	Other Disorders of Nose and Nasal Sinuses	1	0.1
J39	Other Diseases of Upper Respiratory Tract	3	0.2
J40-J47	Chronic Lower Respiratory Diseases	1,345	74.2
J40	Bronchitis, Not Specified as Acute or Chronic	4	0.2
J42	Unspecified Chronic Bronchitis	2	0.1
J43	Emphysema	98	5.4
J44	Other Chronic Obstructive Pulmonary Disease	1,197	66.1
J45	Asthma	33	1.8
J46	Status Asthmaticus	3	0.2
J47	Bronchiectasis	8	0.4
J60-J70	Lung Diseases due to External Agents	201	11.1
J60	Coalworker's Pneumoconiosis	63	3.5
J61	Pneumoconiosis due to Asbestos and Other Mineral Fibers	4	0.2
J62	Pneumoconiosis due to Dust Containing Silica	4	0.2
J64	Unspecified Pneumoconiosis	4	0.2
J69	Pneumonitis due to Solids and Liquids	123	6.8
J70	Respiratory Conditions due to Other External Agents	3	0.2
J80-J84	Other Respiratory Diseases Principally Affecting the Interstitium	139	7.7
J80	Adult Respiratory Distress Syndrome	14	0.8

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Causes of Resident Deaths: Number and Rate
West Virginia, 2007
Table 43 (continued)

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
J81	Pulmonary Edema	3	0.2
J82	Pulmonary Eosinophilia, Not Elsewhere Classified	2	0.1
J84	Other Interstitial Pulmonary Diseases	120	6.6
J85-J86	Suppurative and Necrotic Conditions of Lower Respiratory Tract	4	0.2
J85	Abscess of Lung and Mediastinum	3	0.2
J86	Pyothorax	1	0.1
J90-J94	Other Diseases of Pleura	8	0.4
J90	Pleural Effusion, Not Elsewhere Classified	7	0.4
J93	Pneumothorax	1	0.1
J95-J99	Other Diseases of the Respiratory System	113	6.2
J96	Respiratory Failure, Not Elsewhere Classified	64	3.5
J98	Other Respiratory Disorders	49	2.7
K00-K93	Diseases of the Digestive System	765	42.2
K20-K31	Diseases of Esophagus, Stomach and Duodenum	38	2.1
K20	Esophagitis	2	0.1
K21	Gastro-esophageal Reflux Disease	4	0.2
K22	Other Diseases of Esophagus	6	0.3
K25	Gastric Ulcer	8	0.4
K26	Duodenal Ulcer	7	0.4
K27	Peptic Ulcer, Site Unspecified	7	0.4
K29	Gastritis and Duodenitis	3	0.2
K31	Other Diseases of Stomach and Duodenum	1	0.1
K35-K38	Diseases of Appendix	5	0.3
K35	Acute Appendicitis	4	0.2
K38	Other Diseases of Appendix	1	0.1
K40-K46	Hernia	15	0.8
K40	Inguinal Hernia	3	0.2
K41	Femoral Hernia	1	0.1
K43	Ventral Hernia	2	0.1

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Causes of Resident Deaths: Number and Rate
West Virginia, 2007
Table 43 (continued)

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
K44	Diaphragmatic Hernia	2	0.1
K46	Unspecified Abdominal Hernia	7	0.4
K50-K52	Noninfective Enteritis and Colitis	18	1.0
K50	Crohn's Disease [Regional Enteritis]	3	0.2
K51	Ulcerative Colitis	1	0.1
K52	Other Noninfective Gastroenteritis and Colitis	14	0.8
K55-K63	Other Diseases of Intestines	167	9.2
K55	Vascular Disorders of Intestine	68	3.8
K56	Paralytic Ileus and Intestinal Obstruction without Hernia	58	3.2
K57	Diverticular Disease of Intestine	18	1.0
K59	Other Functional Intestinal Disorders	2	0.1
K62	Other Diseases of Anus and Rectum	1	0.1
K63	Other Diseases of Intestine	20	1.1
K65-K67	Diseases of Peritoneum	17	0.9
K65	Peritonitis	16	0.9
K66	Other Disorders of Peritoneum	1	0.1
K70-K77	Diseases of Liver	366	20.2
K70	Alcoholic Liver Disease	98	5.4
K72	Hepatic Failure, Not Elsewhere Classified	46	2.5
K74	Fibrosis and Cirrhosis of Liver	177	9.8
K75	Other Inflammatory Liver Diseases	7	0.4
K76	Other Diseases of Liver	38	2.1
K80-K87	Disorders of Gallbladder, Biliary Tract and Pancreas	70	3.9
K80	Cholelithiasis	4	0.2
K81	Cholecystitis	18	1.0
K82	Other Diseases of Gallbladder	5	0.3
K83	Other Diseases of Biliary Tract	5	0.3
K85	Acute Pancreatitis	33	1.8
K86	Other Diseases of Pancreas	5	0.3

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Causes of Resident Deaths: Number and Rate
West Virginia, 2007
Table 43 (continued)

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
K90-K93	Other Diseases of the Digestive System	69	3.8
K90	Intestinal Malabsorption	3	0.2
K92	Other Diseases of Digestive System	66	3.6
L00-L99	Diseases of the Skin and Subcutaneous Tissue	24	1.3
L00-L08	Infections of the Skin and Subcutaneous Tissue	10	0.6
L03	Cellulitis	9	0.5
L08	Other Local Infections of Skin and Subcutaneous Tissue	1	0.1
L50-L54	Urticaria and Erythema	2	0.1
L51	Erythema Multiforme	2	0.1
L80-L99	Other Disorders of the Skin and Subcutaneous Tissue	12	0.7
L89	Decubitus Ulcer	10	0.6
L93	Lupus Erythematosus	2	0.1
M00-M99	Diseases of the Musculoskeletal System and Connective Tissue	91	5.0
M00-M25	Arthropathies	26	1.4
M00-M03	Infectious Arthropathies	1	0.1
M00	Pyogenic Arthritis	1	0.1
M05-M14	Inflammatory Polyarthropathies	20	1.1
M05	Seropositive Rheumatoid Arthritis	1	0.1
M06	Other Rheumatoid Arthritis	17	0.9
M10	Gout	1	0.1
M13	Other Arthritis	1	0.1
M15-M19	Arthrosis	5	0.3
M19	Other Arthrosis	5	0.3
M30-M36	Systemic Connective Tissue Disorders	21	1.2
M31	Other Necrotizing Vasculopathies	7	0.4
M33	Dermatopolymyositis	2	0.1
M34	Systemic Sclerosis	10	0.6
M35	Other Systemic Involvement of Connective Tissue	2	0.1
M40-M54	Dorsopathies	8	0.4

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Causes of Resident Deaths: Number and Rate
West Virginia, 2007
Table 43 (continued)

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
M40-M43	Deforming Dorsopathies	3	0.2
M40	Kyphosis and Lordosis	1	0.1
M41	Scoliosis	2	0.1
M45-M49	Spondylopathies	3	0.2
M46	Other Inflammatory Spondylopathies	1	0.1
M48	Other Spondylopathies	2	0.1
M50-M54	Other Dorsopathies	2	0.1
M53	Other Dorsopathies, Not Elsewhere Classified	1	0.1
M54	Dorsalgia	1	0.1
M60-M79	Soft Tissue Disorders	18	1.0
M60-M63	Disorders of Muscles	16	0.9
M60	Myositis	1	0.1
M62	Other Disorders of Muscle	15	0.8
M65-M68	Disorders of Synovium and Tendon	1	0.1
M66	Spontaneous Rupture of Synovium and Tendon	1	0.1
M70-M79	Other Soft Tissue Disorders	1	0.1
M72	Fibroblastic Disorders	1	0.1
M80-M94	Osteopathies and Chondropathies	18	1.0
M80-M85	Disorders of Bone Density and Structure	12	0.7
M80	Osteoporosis with Pathological Fracture	2	0.1
M81	Osteoporosis without Pathological Fracture	8	0.4
M84	Disorders of Continuity of Bone	2	0.1
M86-M90	Other Osteopathies	6	0.3
M86	Osteomyelitis	6	0.3
N00-N99	Diseases of the Genitourinary System	664	36.6
N00-N08	Glomerular Diseases	7	0.4
N00	Acute Nephritic Syndrome	1	0.1
N02	Recurrent and Persistent Hematuria	1	0.1
N03	Chronic Nephrotic Syndrome	3	0.2

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**Causes of Resident Deaths: Number and Rate
West Virginia, 2007
Table 43 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
N04	Nephrotic Syndrome	1	0.1
N05	Unspecified Nephritic Syndrome	1	0.1
N10-N16	Renal Tubulo-Interstitial Diseases	11	0.6
N11	Chronic Tubulo-Interstitial Nephritis	1	0.1
N12	Tubulo-Interstitial Nephritis, Not Specified as Acute or Chronic	4	0.2
N13	Obstructive and Reflux Uropathy	6	0.3
N17-N19	Renal Failure	449	24.8
N17	Acute Renal Failure	101	5.6
N18	Chronic Renal Failure	167	9.2
N19	Unspecified Renal Failure	181	10.0
N20-N23	Urolithiasis	1	0.1
N20	Calculus of Kidney and Ureter	1	0.1
N25-N29	Other Disorders of Kidney and Ureter	21	1.2
N28	Other Disorders of Kidney and Ureter, Not Elsewhere Classified	21	1.2
N30-N39	Other Diseases of the Urinary System	170	9.4
N36	Other Disorders of Urethra	1	0.1
N39	Other Disorders of Urinary System	169	9.3
N40-N51	Diseases of Male Genital Organs	3	0.2
N40	Hyperplasia of Prostate	1	0.1
N49	Inflammatory Disorders of Male Genital Organs, Not Elsewhere Classified	2	0.1
N80-N98	Noninflammatory Disorders of Female Genital Tract	2	0.1
N85	Other Noninflammatory Disorders of Uterus, Except Cervix	1	0.1
N93	Other Abnormal Uterine and Vaginal Bleeding	1	0.1
O00-O99*	Pregnancy, Childbirth and the Puerperium	3	13.6
O00-O08	Pregnancy with Abortive Outcome	1	4.5
O07	Failed Attempted Abortion	1	4.5
O20-O29	Other Maternal Disorders Predominantly Related to Pregnancy	1	4.5
O24	Diabetes Mellitus in Pregnancy	1	4.5
O85-O92	Complications Predominantly Related to the Puerperium	1	4.5

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 * Maternal death rates are per 100,000 live births.
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**Causes of Resident Deaths: Number and Rate
West Virginia, 2007
Table 43 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
O90	Complications of the Puerperium, Not Elsewhere Classified	1	4.5
P00-P96	Certain Conditions Originating in the Perinatal Period	81	4.5
P00-P04	Fetus and Newborn Affected by Maternal Factors and by Complications of Pregnancy, Labor and Delivery	16	0.9
P01	Fetus and Newborn Affected by Maternal Complications of Pregnancy	7	0.4
P02	Fetus and Newborn Affected by Complications of Placenta, Cord and Membranes	7	0.4
P03	Fetus and Newborn Affected by Other Complications of Labor and Delivery	1	0.1
P04	Fetus and Newborn Affected by Noxious Influences Transmitted Via Placenta or Breast Milk	1	0.1
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
P10-P15	Birth Trauma	1	0.1
P15	Other Birth Injuries	1	0.1
P20-P29	Respiratory and Cardiovascular Disorders Specific to the Perinatal Period	30	1.7
P20	Intrauterine Hypoxia	1	0.1
P21	Birth Asphyxia	1	0.1
P22	Respiratory Distress of Newborn	6	0.3
P23	Congenital Pneumonia	4	0.2
P25	Interstitial Emphysema and Related Conditions Originating in the Perinatal Period	2	0.1
P26	Pulmonary Hemorrhage Originating in the Perinatal Period	2	0.1
P27	Chronic Respiratory Disease Originating in the Perinatal Period	4	0.2
P28	Other Respiratory Conditions Originating in the Perinatal Period	6	0.3
P29	Cardiovascular Disorders Originating in the Perinatal Period	4	0.2
P35-P39	Infections Specific to the Perinatal Period	8	0.4
P36	Bacterial Sepsis of Newborn	4	0.2
P39	Other Infections Specific to the Perinatal Period	4	0.2
P50-P61	Hemorrhagic and Hematological Disorders of Fetus and Newborn	4	0.2
P52	Intracranial Nontraumatic Hemorrhage of Fetus and Newborn	3	0.2
P60	Disseminated Intravascular Coagulation of Fetus and Newborn	1	0.1
P75-P78	Digestive System Disorders of Fetus and Newborn	2	0.1
P77	Necrotizing Enterocolitis of Fetus and Newborn	2	0.1

Rates for total deaths are per 1,000 population. All other rates are deaths per 100,000 population except where otherwise noted.

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

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Causes of Resident Deaths: Number and Rate West Virginia, 2007 Table 43 (continued)

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
P80-P83	Conditions Involving the Integument and Temperature Regulation of Fetus and Newborn	1	0.1
P83	Other Conditions of Integument Specific to Fetus and Newborn	1	0.1
P90-P96	Other Disorders Originating in the Perinatal Period	2	0.1
P96	Other Conditions Originating in the Perinatal Period	2	0.1
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	62	3.4
Q00-Q07	Congenital Malformations of the Nervous System	10	0.6
Q00	Anencephaly and Similar Malformations	3	0.2
Q03	Congenital Hydrocephalus	1	0.1
Q04	Other Congenital Malformations of Brain	6	0.3
Q20-Q28	Congenital Malformations of the Circulatory System	25	1.4
Q20	Congenital Malformations of Cardiac Chambers and Connections	1	0.1
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	5	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	3	0.2
Q28	Other Congenital Malformations of Circulatory System	1	0.1
Q30-Q34	Congenital Malformations of the Respiratory System	2	0.1
Q33	Congenital Malformations of Lung	2	0.1
Q38-Q45	Other Congenital Malformations of the Digestive System	2	0.1
Q43	Other Congenital Malformations of Intestine	1	0.1
Q44	Congenital Malformations of Gallbladder, Bile Ducts and Liver	1	0.1
Q60-Q64	Congenital Malformations of the Urinary System	5	0.3
Q60	Renal Agenesis and Other Reduction Defects of Kidney	1	0.1
Q61	Cystic Kidney Disease	4	0.2
Q65-Q79	Congenital Malformations and Deformations of the Musculoskeletal System	3	0.2
Q79	Congenital Malformations of Musculoskeletal System, Not Elsewhere Classified	3	0.2
Q80-Q89	Other Congenital Malformations	5	0.3

Rates for total deaths are per 1,000 population. All other rates are deaths per 100,000 population except where otherwise noted.

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**Causes of Resident Deaths: Number and Rate
West Virginia, 2007
Table 43 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
Q85	Phakomatoses, Not Elsewhere Classified	3	0.2
Q87	Other Specified Congenital Malformation Syndromes Affecting Multiple Systems	1	0.1
Q89	Other Congenital Malformations, Not Elsewhere Classified	1	0.1
Q90-Q99	Chromosomal Abnormalities, Not Elsewhere Classified	10	0.6
Q90	Down's Syndrome	7	0.4
Q91	Edwards' Syndrome and Patau's Syndrome	3	0.2
R00-R99	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	334	18.4
R00-R09	Symptoms and Signs Involving the Circulatory and Respiratory Systems	18	1.0
R04	Hemorrhage from Respiratory Passages	1	0.1
R07	Pain in Throat and Chest	1	0.1
R09	Other Symptoms and Signs Involving the Circulatory and Respiratory Systems	16	0.9
R10-R19	Symptoms and Signs Involving the Digestive System and Abdomen	1	0.1
R13	Dysphagia	1	0.1
R20-R23	Symptoms and Signs Involving the Skin and Subcutaneous Tissue	1	0.1
R22	Localized Swelling, Mass and Lump Skin and Subcutaneous Tissue	1	0.1
R50-R69	General Symptoms and Signs	60	3.3
R53	Malaise and Fatigue	3	0.2
R54	Senility	13	0.7
R56	Convulsions, Not Elsewhere Classified	5	0.3
R57	Shock, Not Elsewhere Classified	11	0.6
R58	Hemorrhage, Not Elsewhere Classified	2	0.1
R62	Lack of Expected Normal Physiological Development	11	0.6
R68	Other General Symptoms and Signs	15	0.8
R90-R94	Abnormal Findings on Diagnostic Imaging and in Function Studies, without Diagnosis	4	0.2
R91	Abnormal Findings on Diagnostic Imaging of Lung	4	0.2
R95-R99	Ill-Defined and Unknown Causes of Mortality	250	13.8
R95	Sudden Infant Death Syndrome	29	1.6
R96	Other Sudden Death, Cause Unknown	2	0.1
R97	Unknown cause of mortality	4	0.2

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**Causes of Resident Deaths: Number and Rate
West Virginia, 2007
Table 43 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
R99	Other Ill-Defined and Unspecified Causes of Mortality	215	11.9
V01-Y98	External Causes of Morbidity and Mortality	1,806	99.7
V01-V99	Transport Accidents	450	24.8
V01-V09	Pedestrian Injured in Transport Accident	30	1.7
V03	Pedestrian Injured in Collision with Car, Pickup Truck or Van	16	0.9
V05	Pedestrian Injured in Collision with Railway Train or Railway Vehicle	1	0.1
V09	Pedestrian Injured in Other and Unspecified Transport Accidents	13	0.7
V10-V19	Pedal Cyclist Injured in Transport Accident	3	0.2
V13	Pedal Cyclist Injured in Collision with Car, Pickup Truck or Van	1	0.1
V17	Pedal Cyclist Injured in Collision with Fixed or Stationary Object	1	0.1
V18	Pedal Cyclist Injured in Noncollision Transport Accident	1	0.1
V20-V29	Motorcycle Rider Injured in Transport Accident	42	2.3
V20	Motorcycle Rider Injured in Collision with Pedestrian or Animal	1	0.1
V22	Motorcycle Rider Injured in Collision with Two- or Three-Wheeled Motor Vehicle	2	0.1
V23	Motorcycle Rider Injured in Collision with Car, Pickup Truck or Van	8	0.4
V24	Motorcycle Rider Injured in Collision with Heavy Transport Vehicle or Bus	1	0.1
V27	Motorcycle Rider Injured in Collision with Fixed or Stationary Object	9	0.5
V28	Motorcycle Rider Injured in Noncollision Transport Accident	10	0.6
V29	Motorcycle Rider Injured in Other and Unspecified Transport Accidents	11	0.6
V40-V49	Car Occupant Injured in Transport Accident	52	2.9
V40	Car Occupant Injured in Collision with Pedestrian or Animal	1	0.1
V43	Car Occupant Injured in Collision with Car, Pickup Truck or Van	15	0.8
V44	Car Occupant Injured in Collision with Heavy Transport Vehicle or Bus	3	0.2
V47	Car Occupant Injured in Collision with Fixed or Stationary Object	14	0.8
V48	Car Occupant Injured in Noncollision Transport Accident	11	0.6
V49	Car Occupant Injured in Other and Unspecified Transport Accidents	8	0.4
V50-V59	Occupant of Pickup or Van Injured in Transport Accident	14	0.8
V50	Occupant of Pickup or Van Injured in Collision with Pedestrian or Animal	1	0.1
V53	Occupant of Pickup or Van Injured in Collision with Car, Pickup Truck or Van	1	0.1

Rates for total deaths are per 1,000 population. All other rates are deaths per 100,000 population except where otherwise noted.

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**Causes of Resident Deaths: Number and Rate
West Virginia, 2007
Table 43 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
V54	Occupant of Pickup or Van Injured in Collision with Heavy Transport Vehicle or Bus	3	0.2
V57	Occupant of Pickup or Van Injured in Collision with Fixed or Stationary Object	1	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	3	0.2
V60-V69	Occupant of Heavy Transport Vehicle Injured in Transport Accident	3	0.2
V63	Occupant of Heavy Transport Vehicle Injured in Collision with Car, Pickup Truck or Van	1	0.1
V68	Occupant of Heavy Transport Vehicle Injured in Noncollision Transport Accident	2	0.1
V80-V89	Other Land Transport Accidents	301	16.6
V80	Animal Rider or Occupant of Animal-Drawn Vehicle Injured in Transport Accident	1	0.1
V81	Occupant of Railway Train or Railway Vehicle Injured in Transport Accident	1	0.1
V83	Occupant of Special Vehicle Mainly Used on Industrial Premises Injured in Transport Accident	2	0.1
V84	Occupant of Special Vehicle Mainly Used in Agriculture Injured in Transport Accident	4	0.2
V85	Occupant of Special Construction Vehicle Injured in Transport Accident	2	0.1
V86	Occupant of Motor Vehicle Designed Primarily for Off-Road Use, Injured in Transport Accident	43	2.4
V87	Traffic Accident of Specified Type but Victim's Mode of Transport Unknown	77	4.2
V89	Motor- or Nonmotor-Vehicle Accident, Type of Vehicle Unspecified	171	9.4
V90-V94	Water Transport Accidents	3	0.2
V90	Accident to Watercraft Causing Drowning and Submersion	3	0.2
V95-V97	Air and Space Transport Accidents	2	0.1
V95	Accident to Powered Aircraft Causing Injury to Occupant	2	0.1
W00-X59	Other External Causes of Accidental Injury	782	43.2
W00-W19	Falls	205	11.3
W00	Fall on Same Level Involving Ice and Snow	3	0.2
W01	Fall on Same Level from Slipping, Tripping and Stumbling	12	0.7
W05	Fall Involving Wheelchair	5	0.3
W06	Fall Involving Bed	5	0.3
W07	Fall Involving Chair	5	0.3
W10	Fall on and from Stairs and Steps	27	1.5
W11	Fall on and from Ladder	1	0.1

Rates for total deaths are per 1,000 population. All other rates are deaths per 100,000 population except where otherwise noted.

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Causes of Resident Deaths: Number and Rate West Virginia, 2007 Table 43 (continued)

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
W13	Fall from, out of or through Building or Structure	16	0.9
W14	Fall from Tree	2	0.1
W15	Fall from Cliff	1	0.1
W17	Other Fall from One Level to Another	7	0.4
W18	Other Fall on Same Level	58	3.2
W19	Unspecified Fall	63	3.5
W20-W49	Exposure to Inanimate Mechanical Forces	40	2.2
W20	Struck by Thrown, Projected or Falling Object	11	0.6
W23	Caught, Crushed, Jammed or Pinched in or between Objects	1	0.1
W24	Contact with Lifting and Transmission Devices, Not Elsewhere Classified	2	0.1
W28	Contact with Powered Lawnmower	2	0.1
W30	Contact with Agricultural Machinery	8	0.4
W31	Contact with Other and Unspecified Machinery	8	0.4
W33	Rifle, Shotgun and Larger Firearm Discharge	1	0.1
W34	Discharge from Other and Unspecified Firearms	1	0.1
W36	Explosion and Rupture of Gas Cylinder	2	0.1
W40	Explosion of Other Materials	4	0.2
W50-W64	Exposure to Animate Mechanical forces	1	0.1
W55	Bitten or Struck by Other Mammals	1	0.1
W65-W74	Accidental Drowning and Submersion	23	1.3
W65	Drowning and Submersion while in Bathtub	3	0.2
W67	Drowning and Submersion while in Swimming Pool	2	0.1
W69	Drowning and Submersion while in Natural Water	12	0.7
W70	Drowning and Submersion Following Fall in Natural Water	3	0.2
W73	Other Specified Drowning and Submersion	2	0.1
W74	Unspecified Drowning and Submersion	1	0.1
W75-W84	Other Accidental Threats to Breathing	38	2.1
W75	Accidental Suffocation and Strangulation in Bed	3	0.2
W76	Other Accidental Hanging and Strangulation	1	0.1

Rates for total deaths are per 1,000 population. All other rates are deaths per 100,000 population except where otherwise noted.

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Causes of Resident Deaths: Number and Rate
West Virginia, 2007
Table 43 (continued)

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
W77	Threat to Breathing due to Cave-In, Falling Earth and Other Substances	2	0.1
W78	Inhalation of Gastric Contents	2	0.1
W79	Inhalation and Ingestion of Food Causing Obstruction of Respiratory Tract	18	1.0
W80	Inhalation and Ingestion of Other Objects Causing Obstruction of Respiratory Tract	5	0.3
W83	Other Specified Threats to Breathing	1	0.1
W84	Unspecified Threat to Breathing	6	0.3
W85-W99	Exposure to Electric Current, Radiation and Extreme Ambient Air Temperature and Pressure	4	0.2
W85	Exposure to Electric Transmission Lines	1	0.1
W86	Exposure to Other Specified Electric Current	3	0.2
X00-X09	Exposure to Smoke, Fire and Flames	30	1.7
X06	Exposure to Ignition or Melting of Other Clothing and Apparel	3	0.2
X08	Exposure to Other Specified Smoke, Fire and Flames	24	1.3
X09	Exposure to Unspecified Smoke, Fire and Flames	3	0.2
X10-X19	Contact with Heat and Hot Substances	1	0.1
X10	Contact with Hot Drinks, Food, Fats and Cooking Oils	1	0.1
X20-X29	Contact with Venomous Animals and Plants	2	0.1
X21	Contact with Venomous Spiders	1	0.1
X23	Contact with Hornets, Wasps and Bees	1	0.1
X30-X39	Exposure to Forces of Nature	9	0.5
X30	Exposure to Excessive Natural Heat	1	0.1
X31	Exposure to Excessive Natural Cold	8	0.4
X40-X49	Accidental Poisoning by and Exposure to Noxious Substances	407	22.5
X40	Accidental Poisoning by Nonopioid Analgesics, Antipyretics and Antirheumatics	2	0.1
X41	Accidental Poisoning by Antiepileptic, Sedative-hypnotic, Antiparkinsonism and Psychotropic Drugs	14	0.8
X42	Accidental Poisoning by Narcotics and Psychodysleptics [Hallucinogens], Not Elsewhere Classified	112	6.2
X44	Accidental Poisoning by Other and Unspecified Drugs, Medicaments and Biological Substances	276	15.2
X45	Accidental Poisoning by Alcohol	2	0.1
X46	Accidental Poisoning by Organic Solvents and Halogenated Hydrocarbons and Their Vapors	1	0.1
X58-X59	Accidental Exposure to Other and Unspecified Factors	22	1.2

Rates for total deaths are per 1,000 population. All other rates are deaths per 100,000 population except where otherwise noted.

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Causes of Resident Deaths: Number and Rate West Virginia, 2007 Table 43 (continued)

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
X59	Exposure to Unspecified Factors	22	1.2
X60-X84	Intentional Self-Harm	312	17.2
X60	Intentional Self-Poisoning by Nonopioid Analgesics, Antipyretics and Antirheumatics	1	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
X64	Intentional Self-Poisoning by Other and Unspecified Drugs, Medicaments and Biological Substances	22	1.2
X67	Intentional Self-Poisoning by Other Gases and Vapors	2	0.1
X70	Intentional Self-Harm by Hanging, Strangulation and Suffocation	51	2.8
X71	Intentional Self-Harm by Drowning and Submersion	1	0.1
X72	Intentional Self-Harm by Handgun Discharge	65	3.6
X73	Intentional Self-Harm by Rifle, Shotgun and Larger Firearm Discharge	54	3.0
X74	Intentional Self-Harm by Other and Unspecified Firearm Discharge	92	5.1
X76	Intentional Self-Harm by Smoke, Fire and Flames	2	0.1
X78	Intentional Self-Harm by Sharp Object	2	0.1
X80	Intentional Self-Harm by Jumping from a High Place	6	0.3
X81	Intentional Self-Harm by Jumping or Lying Before a Moving Object	5	0.3
X85-Y09	Assault	92	5.1
X85	Assault by Drugs, Medicaments and Biological Substances	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	3	0.2
X94	Assault by Rifle, Shotgun and Larger Firearm Discharge	3	0.2
X95	Assault by Other and Unspecified Firearm Discharge	43	2.4
X99	Assault by Sharp Object	6	0.3
Y00	Assault by Blunt Object	8	0.4
Y04	Assault by Bodily Force	7	0.4
Y06	Neglect and Abandonment	1	0.1
Y07	Other Maltreatment Syndromes	7	0.4
Y08	Assault by Other Specified Means	2	0.1

Rates for total deaths are per 1,000 population. All other rates are deaths per 100,000 population except where otherwise noted.

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Causes of Resident Deaths: Number and Rate
West Virginia, 2007
Table 43 (continued)

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
Y09	Assault by Unspecified Means	4	0.2
Y10-Y34	Event of Undetermined Intent	111	6.1
Y11	Poisoning by Antiepileptic, Sedative-Hypnotic, Antiparkinsonism and Psychotropic Drugs, Undetermined Intent	2	0.1
Y12	Poisoning by Narcotics and Psychodysleptics [Hallucinogens], Undetermined Intent	5	0.3
Y14	Poisoning by Other and Unspecified Drugs, Medicaments and Biological Substances, Undetermined Intent	28	1.5
Y17	Poisoning by Other Gases and Vapors, Undetermined Intent	1	0.1
Y20	Hanging, Strangulation and Suffocation, Undetermined Intent	3	0.2
Y21	Drowning and Submersion, Undetermined Intent	1	0.1
Y23	Rifle, Shotgun and Larger Firearm Discharge, Undetermined Intent	1	0.1
Y24	Other and Unspecified Firearm Discharge, Undetermined Intent	2	0.1
Y26	Exposure to Smoke, Fire and Flames, Undetermined Intent	25	1.4
Y31	Falling, Lying or Running Before or into Moving Object, Undetermined Intent	5	0.3
Y32	Crashing of Motor Vehicle, Undetermined Intent	1	0.1
Y33	Other Specified Events, Undetermined Intent	15	0.8
Y34	Unspecified Event, Undetermined Intent	22	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	45	2.5
Y40-Y59	Drugs, Medicaments and Biological Substances Causing Adverse Effects in Therapeutic Use	7	0.4
Y44	Agents Primarily Affecting Blood Constituents	2	0.1
Y45	Analgesics, Antipyretics and Anti-Inflammatory Drugs	2	0.1
Y46	Antiepileptics and Antiparkinsonism Drugs	1	0.1
Y52	Agents Primarily Affecting the Cardiovascular System	1	0.1
Y57	Other and Unspecified Drugs and Medicaments	1	0.1
Y60-Y69	Misadventures to Patients during Surgical and Medical Care	1	0.1
Y60	Unintentional Cut, Puncture, Perforation or Hemorrhage during Surgical and Medical Care	1	0.1
Y83-Y84	Medical Procedures as the Cause of Abnormal Reaction, Not Noticed at the Time of the Procedure	37	2.0
Y83	Surgical Procedures as the Cause of Abnormal Reaction, Not Noticed at the Time of the Procedure	30	1.7
Y84	Other Medical Procedures as the Cause of Abnormal Reaction, Not Noticed at the Time of the Procedure	7	0.4

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**Causes of Resident Deaths: Number and Rate
West Virginia, 2007
Table 43 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
Y85-Y89	Sequelae of External Causes of Morbidity and Mortality	12	0.7
Y85	Sequelae of Transport Accidents	7	0.4
Y86	Sequelae of Other Accidents	3	0.2
Y87	Sequelae of Intentional Self-Harm, Assault and Event of Undetermined Intent	2	0.1

Rates for total deaths are per 1,000 population. All other rates are deaths per 100,000 population except where otherwise noted.

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Selected Causes of Resident Deaths: Number and Rate* by District**

West Virginia, 2007

Table 44

Selected Causes of Death	Number and Rate by District									
	District 1		District 2		District 3		District 4		District 5	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	16	6.3	18	5.7	12	3.5	16	9.2	10	5.1
Total Deaths, All Causes	2,862	13.4	3,085	12.5	3,378	12.0	1,813	13.0	1,915	11.3
---Deaths under 1 Year	22	8.6	37	11.7	26	7.5	13	7.4	18	9.2
---Deaths under 28 Days	19	7.4	23	7.3	13	3.7	6	3.4	10	5.1
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	1	0.6
Septicemia	43	20.1	53	21.6	64	22.7	27	19.3	32	18.9
Human Immunodeficiency Virus Infection	6	2.8	3	1.2	5	1.8	2	1.4	1	0.6
Malignant Neoplasms	581	271.6	680	276.5	732	259.9	433	309.9	413	244.2
---of Digestive Organs	130	60.8	154	62.6	143	50.8	86	61.5	85	50.3
-----Colon	42	19.6	65	26.4	43	15.3	40	28.6	24	14.2
-----Pancreas	25	11.7	22	8.9	27	9.6	14	10.0	24	14.2
---of Respiratory and Intrathoracic Organs	192	89.8	274	111.4	243	86.3	144	103.1	145	85.7
-----Trachea, Bronchus, and Lung	186	86.9	270	109.8	234	83.1	141	100.9	137	81.0
---of Breast	24	11.2	30	12.2	49	17.4	26	18.6	25	14.8
---of Genitourinary Organs	79	36.9	76	30.9	100	35.5	68	48.7	56	33.1
-----Cervix Uteri	9	4.2	5	2.0	5	1.8	4	2.9	1	0.6
-----Ovary	13	6.1	12	4.9	13	4.6	19	13.6	9	5.3
-----Prostate	18	8.4	22	8.9	26	9.2	22	15.7	13	7.7
-----Bladder	13	6.1	16	6.5	20	7.1	9	6.4	17	10.1
---All Other (Malignant Neoplasms)	156	72.9	146	59.4	197	70.0	109	78.0	102	60.3
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	19	8.9	25	10.2	23	8.2	10	7.2	15	8.9
Diabetes Mellitus	127	59.4	110	44.7	121	43.0	66	47.2	69	40.8
Dementia	78	36.5	88	35.8	154	54.7	50	35.8	32	18.9
Alzheimer's Disease	61	28.5	85	34.6	113	40.1	51	36.5	36	21.3
Major Cardiovascular Disease	913	426.8	905	368.0	1,045	371.1	556	397.9	710	419.8
---Diseases of the Heart	723	338.0	660	268.4	773	274.5	436	312.0	543	321.1
-----Ischemic Heart Disease	462	216.0	489	198.8	527	187.1	285	204.0	339	200.4
---Essential Hypertension and Hypertensive Renal Disease	35	16.4	45	18.3	55	19.5	19	13.6	25	14.8
---Cerebrovascular Diseases	128	59.8	174	70.8	187	66.4	88	63.0	103	60.9
---Atherosclerosis	1	0.5	1	0.4	5	1.8	1	0.7	28	16.6
---Other Diseases of Arteries, Arterioles, and Capillaries	26	12.2	25	10.2	25	8.9	12	8.6	11	6.5
Influenza and Pneumonia	33	15.4	49	19.9	52	18.5	30	21.5	48	28.4
---Influenza	0	0.0	1	0.4	1	0.4	2	1.4	0	0.0
---Pneumonia	33	15.4	48	19.5	51	18.1	28	20.0	48	28.4
Chronic Lower Respiratory Diseases	206	96.3	226	91.9	177	62.8	111	79.4	120	71.0
Lung Diseases due to External Agents	58	27.1	32	13.0	26	9.2	26	18.6	11	6.5
---Coalworker's Pneumoconiosis	28	13.1	12	4.9	7	2.5	12	8.6	0	0.0
Chronic Liver Disease and Cirrhosis	42	19.6	36	14.6	50	17.8	24	17.2	25	14.8
Nephritis, Nephrotic Syndrome, and Nephrosis	52	24.3	64	26.0	75	26.6	43	30.8	42	24.8
Congenital Anomalies	6	2.8	10	4.1	8	2.8	5	3.6	5	3.0
Ill-Defined and Unknown Causes of Death	31	14.5	29	11.8	59	20.9	22	15.7	16	9.5
Accidents	198	92.6	267	108.6	165	58.6	116	83.0	90	53.2
---Motor Vehicle Injuries	60	28.0	77	31.3	69	24.5	39	27.9	32	18.9
---Falls	24	11.2	40	16.3	28	9.9	18	12.9	21	12.4
---Smoke, Fires, and Flames	2	0.9	11	4.5	3	1.1	2	1.4	5	3.0
---Drownings	2	0.9	4	1.6	4	1.4	4	2.9	2	1.2
---Poisonings	86	40.2	110	44.7	44	15.6	33	23.6	16	9.5
---Other Accidents	24	11.2	25	10.2	17	6.0	20	14.3	14	8.3
Intentional Self-Harm	46	21.5	41	16.7	55	19.5	31	22.2	21	12.4
Assault	18	8.4	16	6.5	12	4.3	12	8.6	8	4.7
All Other Causes (Residual)	344	160.8	366	148.8	442	156.9	198	141.7	220	130.1

* All rates are deaths per 100,000 population except fetal deaths, deaths under 1 year, and deaths under 28 days, all of which are per 1,000 live births, and total deaths, which are per 1,000 population.
 ** Public Health Management Districts

Selected Causes of Resident Deaths: Number and Rate* by District**

West Virginia, 2007

Table 44 (Continued)

Selected Causes of Death	Number and Rate by District					
	District 6		District 7		District 8	
	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	7	4.5	23	5.5	14	4.1
Total Deaths, All Causes	1,942	13.1	3,894	10.7	2,178	8.7
---Deaths under 1 Year	9	5.7	19	4.6	19	5.6
---Deaths under 28 Days	8	5.1	10	2.4	14	4.1
Tuberculosis	1	0.7	1	0.3	0	0.0
Septicemia	31	21.0	67	18.4	31	12.4
Human Immunodeficiency Virus Infection	1	0.7	1	0.3	1	0.4
Malignant Neoplasms	420	284.1	902	247.5	527	211.3
---of Digestive Organs	104	70.4	194	53.2	115	46.1
-----Colon	31	21.0	89	24.4	38	15.2
-----Pancreas	25	16.9	44	12.1	29	11.6
---of Respiratory and Intrathoracic Organs	116	78.5	264	72.4	171	68.6
-----Trachea, Bronchus, and Lung	115	77.8	260	71.3	167	66.9
---of Breast	26	17.6	70	19.2	34	13.6
---of Genitourinary Organs	47	31.8	127	34.8	76	30.5
-----Cervix Uteri	3	2.0	8	2.2	3	1.2
-----Ovary	9	6.1	28	7.7	17	6.8
-----Prostate	6	4.1	29	8.0	24	9.6
-----Bladder	10	6.8	20	5.5	10	4.0
---All Other (Malignant Neoplasms)	127	85.9	247	67.8	131	52.5
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	15	10.1	22	6.0	9	3.6
Diabetes Mellitus	83	56.1	156	42.8	69	27.7
Dementia	54	36.5	95	26.1	31	12.4
Alzheimer's Disease	45	30.4	107	29.4	59	23.7
Major Cardiovascular Disease	705	476.9	1,309	359.2	703	281.8
---Diseases of the Heart	553	374.1	1,009	276.9	537	215.3
-----Ischemic Heart Disease	398	269.2	659	180.8	345	138.3
---Essential Hypertension and Hypertensive Renal Disease	12	8.1	47	12.9	14	5.6
---Cerebrovascular Diseases	109	73.7	205	56.3	118	47.3
---Atherosclerosis	7	4.7	20	5.5	15	6.0
---Other Diseases of Arteries, Arterioles, and Capillaries	24	16.2	28	7.7	19	7.6
Influenza and Pneumonia	46	31.1	80	22.0	32	12.8
---Influenza	0	0.0	0	0.0	0	0.0
---Pneumonia	46	31.1	80	22.0	32	12.8
Chronic Lower Respiratory Diseases	117	79.1	248	68.0	140	56.1
Lung Diseases due to External Agents	11	7.4	27	7.4	10	4.0
---Coalworker's Pneumoconiosis	1	0.7	3	0.8	0	0.0
Chronic Liver Disease and Cirrhosis	18	12.2	49	13.4	31	12.4
Nephritis, Nephrotic Syndrome, and Nephrosis	36	24.4	92	25.2	52	20.8
Congenital Anomalies	5	3.4	13	3.6	10	4.0
Ill-Defined and Unknown Causes of Death	22	14.9	43	11.8	28	11.2
Accidents	85	57.5	195	53.5	126	50.5
---Motor Vehicle Injuries	22	14.9	71	19.5	55	22.0
---Falls	19	12.9	39	10.7	16	6.4
---Smoke, Fires, and Flames	2	1.4	4	1.1	1	0.4
---Drownings	2	1.4	3	0.8	2	0.8
---Poisonings	28	18.9	57	15.6	33	13.2
---Other Accidents	12	8.1	21	5.8	19	7.6
Intentional Self-Harm	30	20.3	43	11.8	45	18.0
Assault	4	2.7	15	4.1	9	3.6
All Other Causes (Residual)	213	144.1	429	117.7	265	106.2
					2,477	136.7

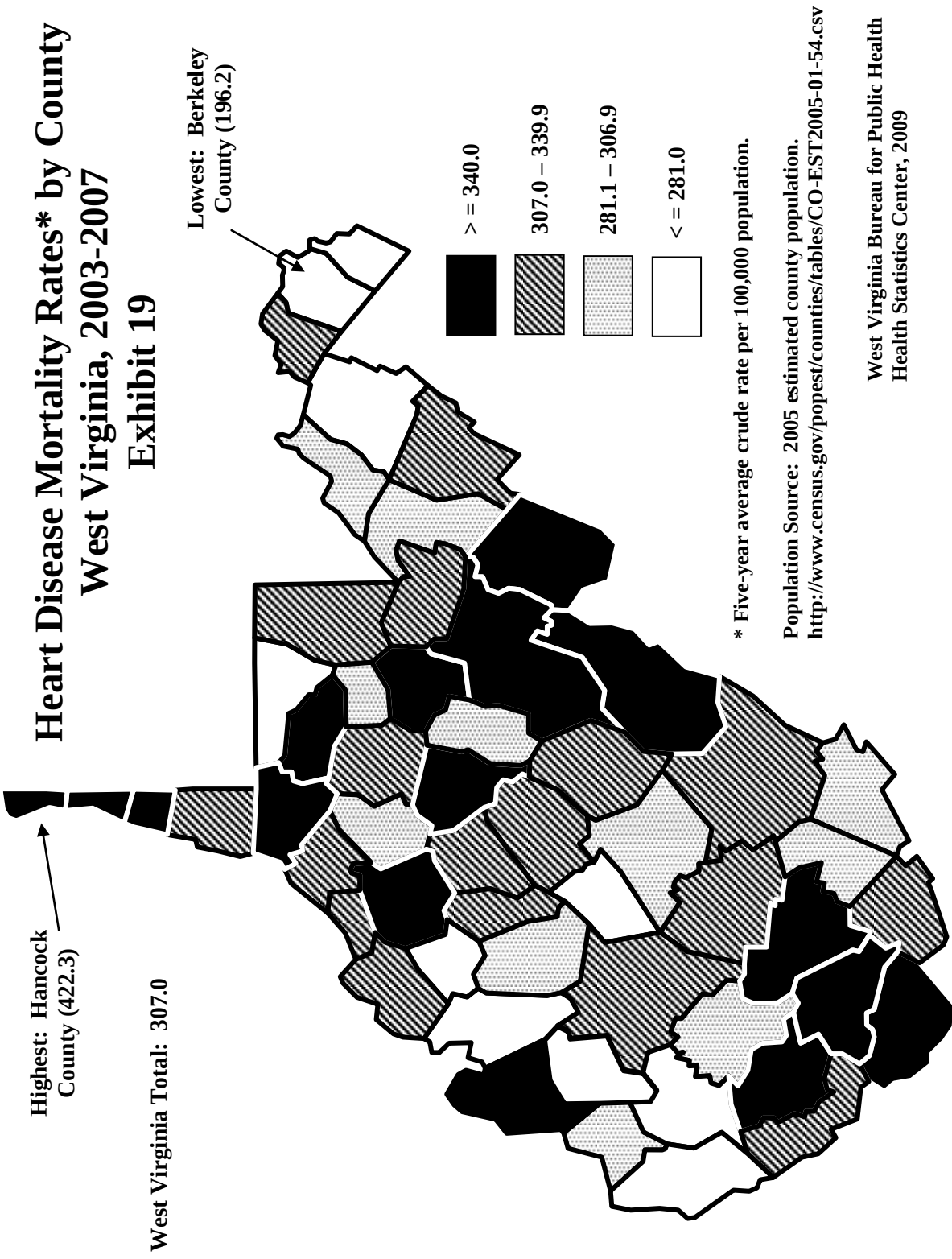
* All rates are deaths per 100,000 population except fetal deaths, deaths under 1 year, and deaths under 28 days, all of which are per 1,000 live births, and total deaths, which are per 1,000 population.

** Public Health Management Districts

West Virginia Bureau for Public Health
Health Statistics Center, 2009

Heart Disease Mortality Rates* by County West Virginia, 2003-2007

Exhibit 19



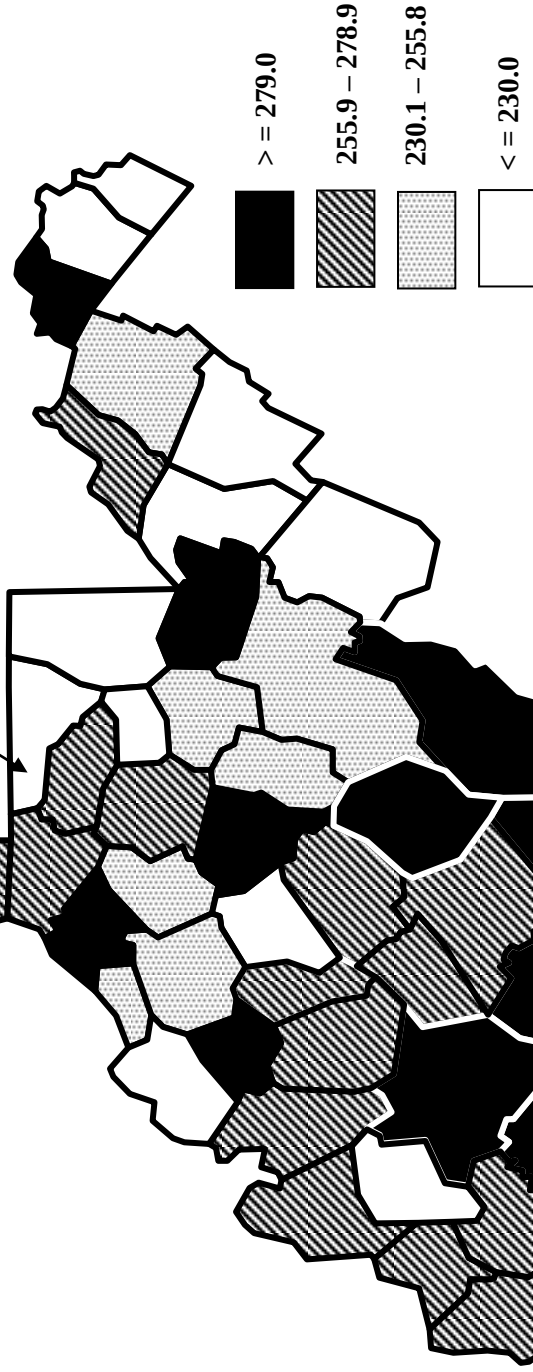
Malignant Neoplasm Mortality Rates* by County

West Virginia, 2003-2007

Exhibit 20

West Virginia Total: 255.9

Lowest: Monongalia
County (156.0)



* Five-year average crude rate per 100,000 population.

Population Source: 2005 estimated county population.
<http://www.census.gov/popest/counties/tables/CO-EST2005-01-54.csv>

Highest: McDowell
County (339.5)

West Virginia Bureau for Public Health
Health Statistics Center, 2009

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2007
Table 45

Selected Causes of Death	Number and Rate by County									
	Barbour		Berkeley		Boone		Braxton			
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	3	15.5	10	6.6	3	9.3	2	11.4		
Total Deaths, All Causes	164	10.6	736	7.4	347	13.8	183	12.5		
--Deaths under 1 Year	1	5.2	11	7.3	3	9.3	2	11.4		
--Deaths under 28 Days	1	5.2	9	5.9	2	6.2	2	11.4		
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0		
Septicemia	1	6.4	10	10.0	8	31.7	2	13.7		
Human Immunodeficiency Virus Infection	0	0.0	1	1.0	0	0.0	0	0.0		
Malignant Neoplasms	36	231.8	168	168.4	75	297.6	50	341.6		
--of Digestive Organs	6	38.6	38	38.1	21	83.3	6	41.0		
--Colon	2	12.9	10	10.0	9	35.7	3	20.5		
--Pancreas	0	0.0	13	13.0	4	15.9	1	6.8		
--of Respiratory and Intrathoracic Organs	10	64.4	48	48.1	26	103.2	19	129.8		
--Trachea, Bronchus, and Lung	10	64.4	47	47.1	25	99.2	17	116.1		
--of Breast	3	19.3	10	10.0	0	0.0	2	13.7		
--of Genitourinary Organs	6	38.6	27	27.1	9	35.7	9	61.5		
--Cervix Uteri	0	0.0	1	1.0	0	0.0	0	0.0		
--Ovary	1	6.4	7	7.0	1	4.0	4	27.3		
--Prostate	1	6.4	11	11.0	2	7.9	3	20.5		
--Bladder	0	0.0	4	4.0	1	4.0	1	6.8		
--All Other (Malignant Neoplasms)	11	70.8	45	45.1	19	75.4	14	95.6		
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	3	19.3	1	1.0	4	15.9	0	0.0		
Diabetes Mellitus	5	32.2	19	19.1	13	51.6	7	47.8		
Dementia	4	25.8	12	12.0	15	59.5	4	27.3		
Alzheimer's Disease	3	19.3	24	24.1	13	51.6	13	88.8		
Major Cardiovascular Disease	56	360.5	232	232.6	103	408.7	51	348.4		
Diseases of the Heart	43	276.8	187	187.5	81	321.4	43	293.7		
--Ischemic Heart Disease	26	167.4	115	115.3	61	242.1	27	184.4		
--Essential Hypertension and Hypertensive Renal Disease	0	0.0	2	2.0	4	15.9	2	13.7		
--Cerebrovascular Diseases	10	64.4	35	35.1	15	59.5	6	41.0		
--Atherosclerosis	1	6.4	2	2.0	0	0.0	0	0.0		
--Other Diseases of Arteries, Arterioles, and Capillaries	2	12.9	6	6.0	3	11.9	0	0.0		
Influenza and Pneumonia	6	38.6	13	13.0	5	19.8	5	34.2		
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0		
--Pneumonia	6	38.6	13	13.0	5	19.8	5	34.2		
Chronic Lower Respiratory Diseases	11	70.8	53	53.1	18	71.4	15	102.5		
Lung Diseases due to External Agents	1	6.4	1	1.0	4	15.9	0	0.0		
--Coalworker's Pneumoconiosis	0	0.0	0	0.0	3	11.9	0	0.0		
Chronic Liver Disease and Cirrhosis	2	12.9	13	13.0	3	11.9	1	6.8		
Nephritis, Nephrotic Syndrome, and Nephrosis	5	32.2	20	20.1	10	39.7	3	20.5		
Congenital Anomalies	2	12.9	6	6.0	1	4.0	2	13.7		
Ill-Defined and Unknown Causes of Death	14	90.1	42	42.1	27	107.1	8	54.6		
Accidents	5	32.2	20	20.1	15	59.5	6	41.0		
--Motor Vehicle Injuries	4	25.8	3	3.0	2	7.9	0	0.0		
--Falls	0	0.0	1	1.0	0	0.0	0	0.0		
--Smoke, Fires, and Flames	0	0.0	0	0.0	0	0.0	1	6.8		
--Drownings	1	6.4	0	0.0	0	0.0	0	0.0		
--Poisonings	4	25.8	13	13.0	9	35.7	0	0.0		
--Other Accidents	0	0.0	5	5.0	1	4.0	1	6.8		
Intentional Self-Harm	2	12.9	12	12.0	3	11.9	0	0.0		
Assault	0	0.0	7	7.0	0	0.0	0	0.0		
All Other Causes (Residual)	12	77.3	92	92.2	43	170.6	19	129.8		

*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 births. All other rates are deaths per 100,000 population except where otherwise noted.
West Virginia Bureau for Public Health
Health Statistics Center, 2009

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2007
Table 45 (continued)

Selected Causes of Death	Number and Rate by County									
	Brooke		Cabell		Calhoun		Clay		Rate	Number
	Number	Rate	Number	Rate	Number	Rate	Number	Rate		
Fetal Deaths	2	9.1	4	3.2	0	0.0	1	6.8		
Total Deaths, All Causes	349	14.8	1,259	13.3	88	12.2	121	12.0		
---Deaths under 1 Year	1	4.5	18	14.6	0	0.0	2	13.6		
---Deaths under 28 Days	1	4.5	13	10.5	0	0.0	1	6.8		
Tuberculosis	1	4.2	0	0.0	0	0.0	0	0.0		
Septicemia	8	33.8	15	15.9	1	13.9	0	0.0		
Human Immunodeficiency Virus Infection	0	0.0	3	3.2	0	0.0	0	0.0		
Malignant Neoplasms	62	262.0	274	290.1	18	250.0	26	256.9		
---of Digestive Organs	20	84.5	76	80.5	3	41.7	3	29.6		
---Colon	6	25.4	28	29.7	1	13.9	1	9.9		
---Pancreas	4	16.9	13	13.8	1	13.9	2	19.8		
---of Respiratory and Intrathoracic Organs	14	59.2	101	107.0	5	69.4	10	98.8		
---Trachea, Bronchus, and Lung	14	59.2	100	105.9	5	69.4	10	98.8		
---of Breast	1	4.2	13	13.8	0	0.0	0	0.0		
---of Genitourinary Organs	9	38.0	27	28.6	4	55.5	5	49.4		
---Cervix Uteri	1	4.2	1	1.1	1	13.9	0	0.0		
---Ovary	2	8.5	5	5.3	0	0.0	3	29.6		
---Prostate	1	4.2	11	11.6	0	0.0	1	9.9		
---Bladder	2	8.5	4	4.2	3	41.7	1	9.9		
---All Other (Malignant Neoplasms)	18	76.1	57	60.4	6	83.3	8	79.1		
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	2	8.5	10	10.6	0	0.0	0	0.0		
Diabetes Mellitus	20	84.5	42	44.5	6	83.3	3	29.6		
Dementia	8	33.8	60	63.5	1	13.9	8	79.1		
Alzheimer's Disease	8	33.8	39	41.3	3	41.7	6	59.3		
Major Cardiovascular Disease	117	494.5	372	393.9	30	416.6	37	365.6		
Diseases of the Heart	102	431.1	262	277.4	26	361.1	26	256.9		
---Ischemic Heart Disease	67	283.2	195	206.5	19	263.9	20	197.6		
---Essential Hypertension and Hypertensive Renal Disease	4	16.9	17	18.0	2	27.8	4	39.5		
---Cerebrovascular Diseases	9	38.0	83	87.9	1	13.9	7	69.2		
---Atherosclerosis	0	0.0	1	1.1	0	0.0	0	0.0		
---Other Diseases of Arteries, Arterioles, and Capillaries	2	8.5	9	9.5	1	13.9	0	0.0		
Influenza and Pneumonia	10	42.3	16	16.9	3	41.7	2	19.8		
---Influenza	0	0.0	1	1.1	0	0.0	0	0.0		
---Pneumonia	10	42.3	15	15.9	3	41.7	2	19.8		
Chronic Lower Respiratory Diseases	21	88.8	75	79.4	6	83.3	9	88.9		
Lung Diseases due to External Agents	1	4.2	8	8.5	0	0.0	1	9.9		
---Coalworker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0		
Chronic Liver Disease and Cirrhosis	3	12.7	18	19.1	0	0.0	0	0.0		
Nephritis, Nephrotic Syndrome, and Nephrosis	9	38.0	28	29.7	1	13.9	3	29.6		
Congenital Anomalies	0	0.0	2	2.1	0	0.0	1	9.9		
Ill-Defined and Unknown Causes of Death	4	16.9	9	9.5	0	0.0	3	29.6		
Accidents	20	84.5	110	116.5	6	83.3	10	98.8		
---Motor Vehicle Injuries	4	16.9	28	29.7	4	55.5	4	39.5		
---Falls	5	21.1	20	21.2	0	0.0	0	0.0		
---Smoke, Fires, and Flames	1	0.0	8	8.5	1	13.9	1	9.9		
---Drownings	0	0.0	3	3.2	0	0.0	0	0.0		
---Poisonings	6	25.4	45	47.7	0	0.0	3	29.6		
---Other Accidents	4	16.9	6	6.4	1	13.9	2	19.8		
Intentional Self-Harm	9	38.0	14	14.8	2	27.8	2	19.8		
Assault	2	8.5	6	6.4	0	0.0	1	9.9		
All Other Causes (Residual)	44	186.0	158	167.3	11	152.8	9	88.9		

*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 births. All other rates are deaths per 100,000 population except where otherwise noted.
West Virginia Bureau for Public Health
Health Statistics Center, 2009

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2007
Table 45 (continued)

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	8	12.7	1	12.5	1	8.0
Total Deaths, All Causes	63	8.7	646	13.9	87	12.6	111	9.3
---Deaths under 1 Year	1	15.4	3	4.8	0	0.0	1	8.0
---Deaths under 28 Days	1	15.4	1	1.6	0	0.0	1	8.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	2	27.5	9	19.4	4	57.9	0	0.0
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	19	261.6	134	289.2	14	202.7	32	268.3
---of Digestive Organs	4	55.1	25	54.0	2	29.0	7	58.7
---Colon	1	13.8	10	21.6	1	14.5	4	33.5
---Pancreas	1	13.8	4	8.6	0	0.0	1	8.4
---of Respiratory and Intrathoracic Organs	5	68.9	42	90.6	3	43.4	9	75.5
---Trachea, Bronchus, and Lung	5	68.9	41	88.5	3	43.4	9	75.5
---of Breast	1	13.8	10	21.6	2	29.0	3	25.2
---of Genitourinary Organs	2	27.5	23	49.6	3	43.4	4	33.5
---Cervix Uteri	1	13.8	2	4.3	0	0.0	0	0.0
---Ovary	0	0.0	7	15.1	1	14.5	1	8.4
---Prostate	1	13.8	6	12.9	1	14.5	0	0.0
---Bladder	0	0.0	5	10.8	0	0.0	0	0.0
---All Other (Malignant Neoplasms)	7	96.4	34	73.4	4	57.9	9	75.5
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	0	0.0	6	12.9	0	0.0	0	0.0
Diabetes Mellitus	2	27.5	34	73.4	3	43.4	1	8.4
Dementia	1	13.8	19	41.0	3	43.4	2	16.8
Alzheimer's Disease	1	13.8	16	34.5	1	14.5	2	16.8
Major Cardiovascular Disease	17	234.1	202	436.0	24	347.5	46	385.7
Diseases of the Heart	12	165.2	156	336.7	18	260.6	27	226.4
---Ischemic Heart Disease	6	82.6	116	250.4	13	188.2	22	184.5
---Essential Hypertension and Hypertensive Renal Disease	2	27.5	8	17.3	0	0.0	1	8.4
---Cerebrovascular Diseases	3	41.3	35	75.5	5	72.4	10	83.9
---Atherosclerosis	0	0.0	0	0.0	1	14.5	6	50.3
---Other Diseases of Arteries, Arterioles, and Capillaries	0	0.0	3	6.5	0	0.0	2	16.8
Influenza and Pneumonia	0	0.0	8	17.3	2	29.0	0	0.0
---Influenza	0	0.0	1	2.2	0	0.0	0	0.0
---Pneumonia	0	0.0	7	15.1	2	29.0	0	0.0
Chronic Lower Respiratory Diseases	4	55.1	33	71.2	8	115.8	8	67.1
Lung Diseases due to External Agents	0	0.0	12	25.9	0	0.0	0	0.0
---Coalworker's Pneumoconiosis	0	0.0	5	10.8	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	11	23.7	0	0.0	0	0.0
Nephritis, Nephrotic Syndrome, and Nephrosis	0	0.0	15	32.4	1	14.5	3	25.2
Congenital Anomalies	1	13.8	1	2.2	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	1	13.8	7	15.1	0	0.0	3	25.2
Accidents	4	55.1	46	99.3	7	101.3	3	25.2
---Motor Vehicle Injuries	1	13.8	12	25.9	4	57.9	1	8.4
---Falls	0	0.0	9	19.4	1	14.5	0	0.0
---Smoke, Fires, and Flames	0	0.0	0	0.0	1	14.5	0	0.0
---Drownings	0	0.0	1	2.2	0	0.0	0	0.0
---Poisonings	1	13.8	18	38.8	0	0.0	0	0.0
---Other Accidents	2	27.5	6	12.9	1	14.5	2	16.8
Intentional Self-Harm	0	0.0	12	25.9	1	14.5	3	25.2
Assault	0	0.0	4	8.6	0	0.0	0	0.0
All Other Causes (Residual)	11	151.5	77	166.2	19	275.1	8	67.1

*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 births. All other rates are deaths per 100,000 population except where otherwise noted.
West Virginia Bureau for Public Health
Health Statistics Center, 2009

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2007
Table 45 (continued)

Selected Causes of Death	Number and Rate by County									
	Greenbrier		Hampshire		Hancock		Hardy		Rate	Rate
	Number	Rate	Number	Rate	Number	Rate	Number	Rate		
Fetal Deaths	3	7.5	0	0.0	0	0.0	1	0.0	5.6	5.6
Total Deaths, All Causes	426	12.3	203	9.0	403	13.3	138	13.3	10.1	10.1
---Deaths under 1 Year	2	5.0	1	3.7	2	6.3	2	6.3	11.3	11.3
---Deaths under 28 Days	1	2.5	0	0.0	2	6.3	1	6.3	5.6	5.6
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0.0	0.0
Septicemia	7	20.2	2	8.9	8	26.5	3	26.5	22.0	22.0
Human Immunodeficiency Virus Infection	1	2.9	0	0.0	0	0.0	0	0.0	0.0	0.0
Malignant Neoplasms	115	332.5	56	248.0	85	281.6	26	281.6	190.3	190.3
---of Digestive Organs	21	60.7	14	62.0	22	72.9	4	29.3	29.3	29.3
-----Colon	9	26.0	4	17.7	7	23.2	2	23.2	14.6	14.6
-----Pancreas	4	11.6	2	8.9	5	16.6	0	0.0	0.0	0.0
---of Respiratory and Intrathoracic Organs	46	133.0	17	75.3	24	79.5	4	29.3	29.3	29.3
-----Trachea, Bronchus, and Lung	46	133.0	16	70.9	24	79.5	4	29.3	29.3	29.3
---of Breast	6	17.3	4	17.7	9	29.8	3	22.0	22.0	22.0
---of Genitourinary Organs	15	43.4	8	35.4	9	29.8	7	51.2	51.2	51.2
-----Cervix Uteri	0	0.0	0	0.0	0	0.0	0	0.0	0.0	0.0
-----Ovary	3	8.7	2	8.9	1	3.3	2	14.6	14.6	14.6
-----Prostate	5	14.5	3	13.3	0	0.0	2	14.6	14.6	14.6
-----Bladder	2	5.8	1	4.4	3	9.9	0	0.0	0.0	0.0
---All Other (Malignant Neoplasms)	27	78.1	13	57.6	21	69.6	8	58.6	58.6	58.6
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	1	2.9	0	0.0	3	9.9	2	14.6	14.6	14.6
Diabetes Mellitus	15	43.4	10	44.3	14	46.4	3	22.0	22.0	22.0
Dementia	9	26.0	2	8.9	10	33.1	1	7.3	7.3	7.3
Alzheimer's Disease	10	28.9	4	17.7	9	29.8	1	7.3	7.3	7.3
Major Cardiovascular Disease	126	364.3	71	314.5	156	516.7	51	373.3	373.3	373.3
Diseases of the Heart	97	280.5	54	239.2	126	417.4	42	307.4	307.4	307.4
---Ischemic Heart Disease	44	127.2	36	159.5	83	274.9	21	153.7	153.7	153.7
---Essential Hypertension and Hypertensive Renal Disease	3	8.7	2	8.9	3	9.9	1	7.3	7.3	7.3
---Cerebrovascular Diseases	23	66.5	12	53.2	21	69.6	5	36.6	36.6	36.6
---Atherosclerosis	1	2.9	0	0.0	1	3.3	2	14.6	14.6	14.6
---Other Diseases of Arteries, Arterioles, and Capillaries	2	5.8	3	13.3	5	16.6	1	7.3	7.3	7.3
Influenza and Pneumonia	5	14.5	0	0.0	3	9.9	1	7.3	7.3	7.3
---Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0.0	0.0
---Pneumonia	5	14.5	0	0.0	3	9.9	1	7.3	7.3	7.3
Chronic Lower Respiratory Diseases	21	60.7	6	26.6	18	59.6	12	87.8	87.8	87.8
Lung Diseases due to External Agents	10	28.9	2	8.9	3	9.9	1	7.3	7.3	7.3
---Coalworker's Pneumoconiosis	5	14.5	0	0.0	0	0.0	0	0.0	0.0	0.0
Chronic Liver Disease and Cirrhosis	5	14.5	1	4.4	5	16.6	2	14.6	14.6	14.6
Nephritis, Nephrotic Syndrome, and Nephrosis	11	31.8	6	26.6	8	26.5	4	29.3	29.3	29.3
Congenital Anomalies	0	0.0	0	0.0	0	0.0	1	7.3	7.3	7.3
Ill-Defined and Unknown Causes of Death	4	11.6	1	4.4	8	26.5	5	36.6	36.6	36.6
Accidents	23	66.5	13	57.6	23	76.2	6	43.9	43.9	43.9
---Motor Vehicle Injuries	9	26.0	5	22.1	6	19.9	3	22.0	22.0	22.0
---Falls	3	8.7	1	4.4	4	13.2	1	7.3	7.3	7.3
---Smoke, Fires, and Flames	0	0.0	0	0.0	0	0.0	0	0.0	0.0	0.0
---Drownings	0	0.0	0	0.0	0	0.0	0	0.0	0.0	0.0
---Poisonings	6	17.3	4	17.7	11	36.4	1	7.3	7.3	7.3
---Other Accidents	5	14.5	3	13.3	2	6.6	1	7.3	7.3	7.3
Intentional Self-Harm	8	23.1	7	31.0	5	16.6	2	14.6	14.6	14.6
Assault	4	11.6	0	0.0	0	0.0	2	14.6	14.6	14.6
All Other Causes (Residual)	51	147.5	22	97.4	45	149.1	15	109.8	109.8	109.8

*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 births. All other rates are deaths per 100,000 population except where otherwise noted.
West Virginia Bureau for Public Health
Health Statistics Center, 2009

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2007
Table 45 (continued)

Selected Causes of Death	Number and Rate by County							
	Harrison		Jackson		Jefferson		Kanawha	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	3	3.7	0	0.0	2	2.8	6	2.5
Total Deaths, All Causes	854	12.5	317	11.2	433	8.5	2,439	12.7
---Deaths under 1 Year	2	2.5	1	3.0	3	4.1	18	7.6
---Deaths under 28 Days	2	2.5	1	3.0	2	2.8	8	3.4
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	13	19.0	5	17.7	7	13.8	49	25.6
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	4	2.1
Malignant Neoplasms	192	281.1	65	230.3	118	232.1	531	277.6
---of Digestive Organs	40	58.6	13	46.1	34	66.9	98	51.2
---Colon	21	30.7	2	7.1	11	21.6	29	15.2
---Pancreas	5	7.3	4	14.2	8	15.7	14	7.3
---of Respiratory and Intrathoracic Organs	69	101.0	21	74.4	40	78.7	169	88.3
---Trachea, Bronchus, and Lung	66	96.6	21	74.4	38	74.8	162	84.7
---of Breast	10	14.6	5	17.7	9	17.7	41	21.4
---of Genitourinary Organs	24	35.1	7	24.8	14	27.5	74	38.7
---Cervix Uteri	1	1.5	0	0.0	2	3.9	5	2.6
---Ovary	7	10.2	0	0.0	2	3.9	7	3.7
---Prostate	7	10.2	2	7.1	3	5.9	22	11.5
---Bladder	2	2.9	3	10.6	3	5.9	16	8.4
---All Other (Malignant Neoplasms)	49	71.7	19	67.3	21	41.3	149	77.9
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	5	7.3	5	17.7	1	2.0	14	7.3
Diabetes Mellitus	44	64.4	8	28.3	14	27.5	92	48.1
Dementia	11	16.1	7	24.8	9	17.7	115	60.1
Alzheimer's Disease	31	45.4	9	31.9	8	15.7	81	42.3
Major Cardiovascular Disease	266	389.4	102	361.4	117	230.2	767	400.9
Diseases of the Heart	199	291.3	74	262.2	89	175.1	563	294.3
---Ischemic Heart Disease	132	193.2	57	202.0	47	92.5	372	194.5
---Essential Hypertension and Hypertensive Renal Disease	17	24.9	3	10.6	4	7.9	40	20.9
---Cerebrovascular Diseases	42	61.5	7	24.8	20	39.3	141	73.7
---Atherosclerosis	3	4.4	16	56.7	0	0.0	4	2.1
---Other Diseases of Arteries, Arterioles, and Capillaries	5	7.3	2	7.1	4	7.9	19	9.9
Influenza and Pneumonia	20	29.3	11	39.0	9	17.7	35	18.3
---Influenza	0	0.0	0	0.0	0	0.0	1	0.5
---Pneumonia	20	29.3	11	39.0	9	17.7	34	17.8
Chronic Lower Respiratory Diseases	57	83.4	23	81.5	20	39.3	130	68.0
Lung Diseases due to External Agents	5	7.3	1	3.5	0	0.0	18	9.4
---Coalworker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	3	1.6
Chronic Liver Disease and Cirrhosis	13	19.0	4	14.2	9	17.7	38	19.9
Nephritis, Nephrotic Syndrome, and Nephrosis	22	32.2	9	31.9	7	13.8	54	28.2
Congenital Anomalies	2	2.9	1	3.5	1	2.0	4	2.1
Ill-Defined and Unknown Causes of Death	16	23.4	0	0.0	7	13.8	41	21.4
Accidents	49	71.7	26	92.1	30	59.0	103	53.8
---Motor Vehicle Injuries	17	24.9	11	39.0	13	25.6	40	20.9
---Falls	6	8.8	6	21.3	3	5.9	18	9.4
---Smoke, Fires, and Flames	1	1.5	0	0.0	0	0.0	1	0.5
---Drownings	1	1.5	1	3.5	0	0.0	3	1.6
---Poisonings	18	26.4	4	14.2	10	19.7	28	14.6
---Other Accidents	6	8.8	4	14.2	4	7.9	13	6.8
Intentional Self-Harm	9	13.2	2	7.1	12	23.6	39	20.4
Assault	4	5.9	3	10.6	0	0.0	10	5.2
All Other Causes (Residual)	95	139.1	36	127.6	64	125.9	314	164.1

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West Virginia Bureau for Public Health
Health Statistics Center, 2009

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2007
Table 45 (continued)

Selected Causes of Death	Number and Rate by County								
	Lewis			Lincoln			Logan		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	McDowell
Fetal Deaths	2	8.6	4	14.9	6	13.1	2	6.8	
Total Deaths, All Causes	240	14.0	263	11.8	484	13.6	374	16.3	
---Deaths under 1 Year	2	8.6	1	3.7	4	8.7	1	3.4	
---Deaths under 28 Days	0	0.0	1	3.7	1	2.2	1	3.4	
Tuberculosis	1	5.8	0	0.0	0	0.0	0	0.0	
Septicemia	3	17.5	6	26.9	10	28.1	7	30.4	
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0	
Malignant Neoplasms	65	379.1	68	304.6	101	283.5	77	334.9	
---of Digestive Organs	9	52.5	10	44.8	19	53.3	13	56.5	
---Colon	4	23.3	7	31.4	10	28.1	5	21.7	
---Pancreas	3	17.5	1	4.5	0	0.0	2	8.7	
---of Respiratory and Intrathoracic Organs	17	99.2	31	138.9	45	126.3	30	130.5	
---Trachea, Bronchus, and Lung	17	99.2	30	134.4	45	126.3	30	130.5	
---of Breast	5	29.2	3	13.4	3	8.4	3	13.0	
---of Genitourinary Organs	15	87.5	10	44.8	12	33.7	10	43.5	
---Cervix Uteri	3	17.5	0	0.0	1	2.8	2	8.7	
---Ovary	0	0.0	3	13.4	1	2.8	1	4.3	
---Prostate	1	5.8	3	13.4	4	11.2	2	8.7	
---Bladder	5	29.2	1	4.5	2	5.6	1	4.3	
---All Other (Malignant Neoplasms)	19	110.8	14	62.7	22	61.7	21	91.3	
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	0	0.0	3	13.4	3	8.4	0	0.0	
Diabetes Mellitus	11	64.2	8	35.8	16	44.9	23	100.0	
Dementia	5	29.2	4	17.9	4	11.2	8	34.8	
Alzheimer's Disease	1	5.8	8	35.8	8	22.5	3	13.0	
Major Cardiovascular Disease	85	495.8	66	295.7	146	409.8	113	491.5	
Diseases of the Heart	67	390.8	45	201.6	107	300.3	91	395.8	
---Ischemic Heart Disease	46	268.3	31	138.9	88	247.0	67	291.4	
---Essential Hypertension and Hypertensive Renal Disease	3	17.5	4	17.9	9	25.3	8	34.8	
---Cerebrovascular Diseases	11	64.2	14	62.7	27	75.8	12	52.2	
---Atherosclerosis	1	5.8	0	0.0	0	0.0	0	0.0	
---Other Diseases of Arteries, Arterioles, and Capillaries	3	17.5	3	13.4	3	8.4	2	8.7	
Influenza and Pneumonia	5	29.2	5	22.4	6	16.8	2	8.7	
---Influenza	0	0.0	0	0.0	0	0.0	0	0.0	
---Pneumonia	5	29.2	5	22.4	6	16.8	2	8.7	
Chronic Lower Respiratory Diseases	13	75.8	15	67.2	49	137.5	28	121.8	
Lung Diseases due to External Agents	1	5.8	3	13.4	10	28.1	9	39.1	
---Coalworker's Pneumoconiosis	0	0.0	0	0.0	8	22.5	8	34.8	
Chronic Liver Disease and Cirrhosis	5	29.2	1	4.5	7	19.6	8	34.8	
Nephritis, Nephrotic Syndrome, and Nephrosis	7	40.8	7	31.4	8	22.5	5	21.7	
Congenital Anomalies	1	5.8	1	4.5	1	2.8	1	4.3	
Ill-Defined and Unknown Causes of Death	0	0.0	2	9.0	5	14.0	1	4.3	
Accidents	7	40.8	27	121.0	35	98.2	36	156.6	
---Motor Vehicle Injuries	5	29.2	10	44.8	9	25.3	9	39.1	
---Falls	2	11.7	4	17.9	3	8.4	2	8.7	
---Smoke, Fires, and Flames	0	0.0	1	4.5	0	0.0	0	0.0	
---Drownings	0	0.0	0	0.0	0	0.0	1	4.3	
---Poisonings	0	0.0	11	49.3	19	53.3	21	91.3	
---Other Accidents	0	0.0	1	4.5	4	11.2	3	13.0	
Intentional Self-Harm	4	23.3	7	31.4	10	28.1	6	26.1	
Assault	1	5.8	1	4.5	4	11.2	3	13.0	
All Other Causes (Residual)	25	145.8	31	138.9	61	171.2	44	191.4	

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West Virginia Bureau of Public Health
Health Statistics Center, 2009

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2007
Table 45 (continued)

Selected Causes of Death	Number and Rate by County									
	Marion		Marshall		Mason		Mercer			
	Number	Rate	Number	Rate	Number	Rate	Number	Rate		
Fetal Deaths	5	7.5	1	2.8	2	5.9	2	2.6		
Total Deaths, All Causes	696	12.3	374	11.3	294	11.5	897	14.6		
---Deaths under 1 Year	2	3.0	1	2.8	5	14.7	7	9.3		
---Deaths under 28 Days	0	0.0	1	2.8	3	8.8	6	7.9		
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0		
Septicemia	12	21.2	6	18.1	3	11.7	18	29.3		
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0		
Malignant Neoplasms	162	285.6	73	220.2	59	231.0	172	280.4		
---of Digestive Organs	31	54.6	18	54.3	10	39.1	39	63.6		
-----Colon	13	22.9	5	15.1	6	23.5	10	16.3		
-----Pancreas	9	15.9	3	9.1	2	7.8	9	14.7		
---of Respiratory and Intrathoracic Organs	55	97.0	27	81.5	24	93.9	50	81.5		
-----Trachea, Bronchus, and Lung	55	97.0	27	81.5	24	93.9	50	81.5		
---of Breast	16	28.2	1	3.0	5	19.6	6	9.8		
---of Genitourinary Organs	23	40.5	7	21.1	3	11.7	26	42.4		
-----Cervix Uteri	1	1.8	1	3.0	1	3.9	2	3.3		
-----Ovary	4	7.1	1	3.0	0	0.0	4	6.5		
-----Prostate	5	8.8	0	0.0	1	3.9	6	9.8		
-----Bladder	4	7.1	3	9.1	1	3.9	5	8.1		
---All Other (Malignant Neoplasms)	37	65.2	20	60.3	17	66.5	51	83.1		
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	3	5.3	2	6.0	3	11.7	8	13.0		
Diabetes Mellitus	21	37.0	12	36.2	13	50.9	36	58.7		
Dementia	40	70.5	5	15.1	5	19.6	44	71.7		
Alzheimer's Disease	12	21.2	12	36.2	13	50.9	10	16.3		
Major Cardiovascular Disease	229	403.7	152	458.5	98	383.6	283	461.3		
Diseases of the Heart	182	320.8	122	368.0	80	313.2	229	373.3		
---Ischemic Heart Disease	115	202.7	108	325.8	52	203.6	145	236.3		
---Essential Hypertension and Hypertensive Renal Disease	8	14.1	1	3.0	2	7.8	13	21.2		
---Cerebrovascular Diseases	33	58.2	25	75.4	14	54.8	30	48.9		
---Atherosclerosis	2	3.5	1	3.0	0	0.0	1	1.6		
---Other Diseases of Arteries, Arterioles, and Capillaries	4	7.1	3	9.1	2	7.8	10	16.3		
Influenza and Pneumonia	8	14.1	8	24.1	7	27.4	15	24.4		
---Influenza	0	0.0	0	0.0	0	0.0	0	0.0		
---Pneumonia	8	14.1	8	24.1	7	27.4	15	24.4		
Chronic Lower Respiratory Diseases	48	84.6	32	96.5	19	74.4	65	105.9		
Lung Diseases due to External Agents	6	10.6	2	6.0	2	7.8	16	26.1		
---Coalworker's Pneumoconiosis	1	1.8	1	3.0	0	0.0	6	9.8		
Chronic Liver Disease and Cirrhosis	8	14.1	7	21.1	3	15.7	11	17.9		
Nephritis, Nephrotic Syndrome, and Nephrosis	17	30.0	2	6.0	2	7.8	22	35.9		
Congenital Anomalies	2	3.5	2	6.0	2	7.8	4	6.5		
Ill-Defined and Unknown Causes of Death	6	10.6	4	12.1	4	15.7	12	19.6		
Accidents	40	70.5	15	45.3	26	101.8	60	97.8		
---Motor Vehicle Injuries	10	17.6	4	12.1	8	31.3	19	31.0		
---Falls	12	21.2	2	6.0	4	15.7	9	14.7		
---Smoke, Fires, and Flames	0	0.0	0	0.0	0	0.0	1	1.6		
---Drownings	0	0.0	1	3.0	0	0.0	1	1.6		
---Poisonings	14	24.7	4	12.1	12	47.0	21	34.2		
---Other Accidents	4	7.1	4	12.1	2	7.8	9	14.7		
Intentional Self-Harm	6	10.6	5	15.1	4	15.7	14	22.8		
Assault	3	5.3	0	0.0	0	0.0	7	11.4		
All Other Causes (Residual)	73	128.7	35	105.6	29	113.5	100	163.0		

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West Virginia Bureau for Public Health
Health Statistics Center, 2009

Selected Causes of Resident Deaths: Number and Rate* by County

West Virginia, 2007

Table 45 (continued)

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	2	5.1	6	6.6	0	0.0
Total Deaths, All Causes	277	10.4	352	13.2	626	7.2	165	12.2
---Deaths under 1 Year	1	3.0	5	12.6	2	2.2	2	14.1
---Deaths under 28 Days	1	3.0	3	7.6	2	2.2	2	14.1
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	4	15.0	11	41.1	15	17.1	1	7.4
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	1	1.1	1	7.4
Malignant Neoplasms	61	228.3	79	295.3	151	172.5	42	310.3
---of Digestive Organs	8	29.9	18	67.3	37	42.3	10	73.9
---Colon	2	7.5	7	26.2	15	17.1	3	22.2
---Pancreas	2	7.5	3	11.2	11	12.6	3	22.2
---of Respiratory and Intrathoracic Organs	27	101.0	33	123.3	34	38.9	14	103.4
---Trachea, Bronchus, and Lung	27	101.0	32	119.6	34	38.9	13	96.0
---of Breast	4	15.0	2	7.5	15	17.1	1	7.4
---of Genitourinary Organs	8	29.9	9	33.6	20	22.9	10	73.9
---Cervix Uteri	0	0.0	1	3.7	1	1.1	1	7.4
---Ovary	0	0.0	1	3.7	6	6.9	3	22.2
---Prostate	2	7.5	0	0.0	2	4.6	2	14.8
---Bladder	1	3.7	5	18.7	4	4.6	3	22.2
---All Other (Malignant Neoplasms)	14	52.4	17	63.5	45	51.4	7	51.7
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	2	7.5	2	7.5	3	3.4	0	0.0
Diabetes Mellitus	9	33.7	7	26.2	24	27.4	6	44.3
Dementia	3	11.2	2	7.5	9	10.3	3	22.2
Alzheimer's Disease	11	41.2	6	22.4	22	25.1	6	44.3
Major Cardiovascular Disease	94	351.8	112	418.6	205	234.2	46	339.8
Diseases of the Heart	67	250.7	88	328.9	159	181.7	32	236.4
---Ischemic Heart Disease	51	190.9	64	239.2	94	107.4	20	147.7
---Essential Hypertension and Hypertensive Renal Disease	0	0.0	6	22.4	10	11.4	2	14.8
---Cerebrovascular Diseases	24	89.8	13	48.6	31	35.4	11	81.3
---Atherosclerosis	2	7.5	0	0.0	1	1.1	0	0.0
---Other Diseases of Arteries, Arterioles, and Capillaries	1	3.7	5	18.7	4	4.6	1	7.4
Influenza and Pneumonia	4	15.0	7	26.2	11	12.6	4	29.5
Influenza	0	0.0	0	0.0	0	0.0	0	0.0
Pneumonia	4	15.0	7	26.2	11	12.6	4	29.5
Chronic Lower Respiratory Diseases	21	78.6	31	115.9	35	40.0	11	81.3
Lung Diseases due to External Agents	2	7.5	6	22.4	5	5.7	3	22.2
---Coalworker's Pneumoconiosis	0	0.0	4	15.0	1	1.1	0	0.0
Chronic Liver Disease and Cirrhosis	5	18.7	4	15.0	9	10.3	0	0.0
Nephritis, Nephrotic Syndrome, and Nephrosis	6	22.5	5	18.7	21	24.0	5	36.9
Congenital Anomalies	1	3.7	2	7.5	1	1.1	0	0.0
Ill-Defined and Unknown Causes of Death	1	3.7	3	11.2	6	6.9	1	7.4
Accidents	18	67.4	33	123.3	28	32.0	6	44.3
---Motor Vehicle Injuries	6	22.5	12	44.9	10	11.4	0	0.0
---Falls	4	15.0	2	7.5	9	10.3	2	14.8
---Smoke, Fires, and Flames	0	0.0	1	3.7	0	0.0	0	0.0
---Drownings	2	7.5	1	3.7	1	1.1	0	0.0
---Poisonings	3	11.2	12	44.9	6	6.9	2	14.8
---Other Accidents	3	11.2	5	18.7	2	2.3	2	14.8
Intentional Self-Harm	2	7.5	2	7.5	7	8.0	4	29.5
Assault	0	0.0	1	3.7	0	0.0	1	7.4
All Other Causes (Residual)	33	123.5	39	145.8	73	83.4	25	184.7

*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 births. All other rates are deaths per 100,000 population except where otherwise noted.
West Virginia Bureau for Public Health
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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2007
Table 45 (continued)

Selected Causes of Death	Number and Rate by County									
	Morgan		Nicholas		Ohio		Pendleton		Rate	Rate
	Number	Rate	Number	Rate	Number	Rate	Number	Rate		
Fetal Deaths	0	0.0	1	3.1	4	7.9	0	0.0		
Total Deaths, All Causes	183	11.2	320	12.2	611	13.8	97	12.7		
---Deaths under 1 Year	0	0.0	5	15.4	4	7.9	0	0.0		
---Deaths under 28 Days	0	0.0	1	3.1	3	5.9	0	0.0		
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0		
Septicemia	3	18.3	5	19.1	6	13.5	2	26.1		
Human Immunodeficiency Virus Infection	0	0.0	1	3.8	1	2.3	0	0.0		
Malignant Neoplasms	42	256.9	80	305.8	152	342.4	24	313.7		
---of Digestive Organs	7	42.8	20	76.5	36	81.1	3	39.2		
-----Colon	4	24.5	10	38.2	11	24.8	1	13.1		
-----Pancreas	2	12.2	2	7.6	2	22.5	1	13.1		
---of Respiratory and Intrathoracic Organs	20	122.3	23	87.9	40	90.1	6	78.4		
-----Trachea, Bronchus, and Lung	20	122.3	23	87.9	40	90.1	6	78.4		
---of Breast	0	0.0	5	19.1	11	24.8	1	13.1		
---of Genitourinary Organs	4	24.5	11	42.0	16	36.0	4	52.3		
-----Cervix Uteri	0	0.0	0	0.0	1	2.3	0	0.0		
-----Ovary	1	6.1	1	3.8	4	9.0	2	26.1		
-----Prostate	3	18.3	6	22.9	3	6.8	0	0.0		
-----Bladder	0	0.0	1	3.8	1	2.3	1	13.1		
---All Other (Malignant Neoplasms)	11	67.3	21	80.3	49	110.4	10	130.7		
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	3	18.3	0	0.0	7	15.8	0	0.0		
Diabetes Mellitus	10	61.2	4	15.3	29	65.3	3	39.2		
Dementia	2	12.2	9	34.4	25	56.3	0	0.0		
Alzheimer's Disease	6	36.7	8	30.6	13	29.3	3	39.2		
Major Cardiovascular Disease	59	360.8	100	382.3	202	455.0	33	431.4		
Diseases of the Heart	44	269.1	77	294.3	146	328.8	27	352.9		
---Ischemic Heart Disease	32	195.7	50	191.1	98	220.7	21	274.5		
---Essential Hypertension and Hypertensive Renal Disease	4	24.5	6	22.9	2	4.5	0	0.0		
---Cerebrovascular Diseases	8	48.9	13	49.7	39	87.8	4	52.3		
---Atherosclerosis	1	6.1	0	0.0	5	11.3	2	26.1		
---Other Diseases of Arteries, Arterioles, and Capillaries	2	12.2	4	15.3	10	22.5	0	0.0		
Influenza and Pneumonia	4	24.5	5	19.1	21	47.3	1	13.1		
---Influenza	0	0.0	0	0.0	0	0.0	0	0.0		
---Pneumonia	4	24.5	5	19.1	21	47.3	1	13.1		
Chronic Lower Respiratory Diseases	17	104.0	28	107.0	34	76.6	3	39.2		
Lung Diseases due to External Agents	3	18.3	3	11.5	4	9.0	1	13.1		
---Coalworker's Pneumoconiosis	0	0.0	1	3.8	0	0.0	0	0.0		
Chronic Liver Disease and Cirrhosis	1	6.1	4	15.3	7	15.8	0	0.0		
Nephritis, Nephrotic Syndrome, and Nephrosis	5	30.6	9	34.4	6	13.5	1	13.1		
Congenital Anomalies	1	6.1	2	7.6	2	4.5	0	0.0		
Ill-Defined and Unknown Causes of Death	1	6.1	3	11.5	5	11.3	0	0.0		
Accidents	6	36.7	21	80.3	19	42.8	8	104.6		
---Motor Vehicle Injuries	2	12.2	7	26.8	3	6.8	5	65.4		
---Falls	1	6.1	6	22.9	6	13.5	3	39.2		
---Smoke, Fires, and Flames	0	0.0	0	0.0	2	4.5	0	0.0		
---Drownings	0	0.0	2	7.6	0	0.0	0	0.0		
---Poisonings	2	12.2	2	7.6	6	13.5	0	0.0		
---Other Accidents	1	6.1	4	15.3	2	4.5	0	0.0		
Intentional Self-Harm	1	24.5	8	30.6	8	18.0	3	39.2		
Assault	4	0.0	3	11.5	2	4.5	0	0.0		
All Other Causes (Residual)	16	97.9	27	103.2	68	153.2	15	196.1		

*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 births. All other rates are deaths per 100,000 population except where otherwise noted.
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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2007
Table 45 (continued)

Selected Causes of Death	Number and Rate by County									
	Pleasants		Pocahontas		Preston		Putnam			
	Number	Rate	Number	Rate	Number	Rate	Number	Rate		
Fetal Deaths	0	0.0	2	20.6	1	2.9	2	3.1		
Total Deaths, All Causes	79	11.0	117	13.7	328	10.8	471	8.6		
---Deaths under 1 Year	0	0.0	0	0.0	4	11.6	3	4.7		
---Deaths under 28 Days	0	0.0	0	0.0	3	8.7	2	3.1		
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0		
Septicemia	2	27.8	3	35.0	3	9.9	7	12.7		
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	1	1.8		
Malignant Neoplasms	15	208.8	25	291.7	77	254.5	100	181.8		
---of Digestive Organs	1	13.9	6	70.0	18	59.5	21	38.2		
---Colon	1	13.9	4	46.7	8	26.4	4	7.3		
---Pancreas	0	0.0	1	11.7	6	19.8	7	12.7		
---of Respiratory and Intrathoracic Organs	4	55.7	5	58.3	24	79.3	38	69.1		
---Trachea, Bronchus, and Lung	3	41.8	5	58.3	24	79.3	37	67.3		
---of Breast	1	13.9	3	35.0	5	16.5	8	14.5		
---of Genitourinary Organs	2	27.8	6	70.0	12	39.7	12	21.8		
---Cervix Uteri	0	0.0	1	11.7	0	0.0	0	0.0		
---Ovary	1	13.9	2	23.3	5	16.5	2	3.6		
---Prostate	0	0.0	1	11.7	3	9.9	1	1.8		
---Bladder	1	13.9	0	0.0	2	6.6	2	3.6		
---All Other (Malignant Neoplasms)	7	97.5	5	58.3	18	59.5	21	38.2		
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	1	13.9	3	35.0	2	6.6	5	9.1		
Diabetes Mellitus	2	27.8	4	46.7	14	46.3	13	23.6		
Dementia	1	13.9	4	46.7	2	6.6	16	29.1		
Alzheimer's Disease	1	13.9	3	35.0	7	23.1	13	23.6		
Major Cardiovascular Disease	31	431.6	39	455.0	119	393.3	138	250.9		
Diseases of the Heart	26	362.0	32	373.4	101	333.8	103	187.3		
---Ischemic Heart Disease	19	264.5	20	233.3	73	241.3	74	134.5		
---Essential Hypertension and Hypertensive Renal Disease	1	13.9	0	0.0	2	6.6	7	12.7		
---Cerebrovascular Diseases	4	55.7	7	81.7	15	49.6	24	43.6		
---Atherosclerosis	0	0.0	0	0.0	1	3.3	1	1.8		
---Other Diseases of Arteries, Arterioles, and Capillaries	0	0.0	0	0.0	0	0.0	3	5.5		
Influenza and Pneumonia	0	0.0	3	35.0	10	33.1	10	18.2		
---Influenza	0	0.0	0	0.0	0	0.0	0	0.0		
---Pneumonia	0	0.0	3	35.0	10	33.1	10	18.2		
Chronic Lower Respiratory Diseases	5	69.6	7	81.7	21	69.4	20	36.4		
Lung Diseases due to External Agents	1	13.9	0	0.0	5	16.5	3	5.5		
---Coalworker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	1	1.8		
Chronic Liver Disease and Cirrhosis	0	0.0	2	23.3	2	6.6	9	16.4		
Nephritis, Nephrotic Syndrome, and Nephrosis	2	27.8	2	23.3	4	13.2	8	14.5		
Congenital Anomalies	0	0.0	0	0.0	1	3.3	2	3.6		
Ill-Defined and Unknown Causes of Death	2	27.8	3	35.0	5	16.5	13	23.6		
Accidents	5	69.6	7	81.7	15	49.6	25	45.5		
---Motor Vehicle Injuries	1	13.9	2	23.3	8	26.4	10	18.2		
---Falls	1	13.9	0	0.0	2	6.6	8	14.5		
---Smoke, Fires, and Flames	0	0.0	0	0.0	0	0.0	1	1.8		
---Drownings	0	0.0	0	0.0	0	0.0	1	1.8		
---Poisonings	2	27.8	3	35.0	4	13.2	4	7.3		
---Other Accidents	1	13.9	2	23.3	1	3.3	1	1.8		
Intentional Self-Harm	1	13.9	2	23.3	10	33.1	11	20.0		
Assault	1	13.9	1	11.7	4	13.2	1	1.8		
All Other Causes (Residual)	9	125.3	9	105.0	27	89.2	76	138.2		

*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 births. All other rates are deaths per 100,000 population except where otherwise noted.
West Virginia Bureau for Public Health
Health Statistics Center, 2009

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2007
Table 45 (continued)

Selected Causes of Death	Number and Rate by County							
	Raleigh		Randolph		Ritchie		Roane	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	10	10.1	0	0.0	0	0.0	1	5.7
Total Deaths, All Causes	962	12.2	307	10.9	119	11.5	203	13.3
---Deaths under 1 Year	6	6.1	2	5.8	1	9.6	1	5.7
---Deaths under 28 Days	5	5.1	0	0.0	0	0.0	0	0.0
Tuberculosis	0	0.0	0	0.0	1	9.6	0	0.0
Septicemia	13	16.4	10	35.3	4	38.6	2	13.1
Human Immunodeficiency Virus Infection	3	3.8	0	0.0	1	9.6	0	0.0
Malignant Neoplasms	185	233.7	57	201.5	21	202.5	48	313.8
---of Digestive Organs	46	58.1	15	53.0	6	57.9	10	65.4
-----Colon	15	18.9	4	14.1	2	19.3	2	13.1
-----Pancreas	8	10.1	1	3.5	2	19.3	3	19.6
---of Respiratory and Intrathoracic Organs	62	78.3	9	31.8	7	67.5	14	91.5
-----Trachea, Bronchus, and Lung	59	74.5	8	28.3	7	67.5	14	91.5
---of Breast	11	13.9	4	14.1	0	0.0	4	26.2
---of Genitourinary Organs	20	25.3	12	42.4	2	19.3	8	52.3
-----Cervix Uteri	3	3.8	1	3.5	0	0.0	0	0.0
-----Ovary	3	3.8	2	7.1	1	9.6	2	13.1
-----Prostate	4	5.1	2	7.1	0	0.0	1	6.5
-----Bladder	4	5.1	1	3.5	0	0.0	3	19.6
---All Other (Malignant Neoplasms)	46	58.1	17	60.1	6	57.9	12	78.5
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	9	11.4	2	7.1	1	9.6	1	6.5
Diabetes Mellitus	43	54.3	8	28.3	5	48.2	7	45.8
Dementia	9	11.4	5	17.7	6	57.9	1	6.5
Alzheimer's Disease	37	46.7	13	45.9	1	9.6	9	58.8
Major Cardiovascular Disease	333	420.6	118	417.1	41	395.3	69	451.1
Diseases of the Heart	255	322.1	97	342.9	32	308.6	50	326.9
---Ischemic Heart Disease	148	186.9	65	229.7	20	192.8	36	235.4
---Essential Hypertension and Hypertensive Renal Disease	9	11.4	1	3.5	0	0.0	3	19.6
---Cerebrovascular Diseases	59	74.5	17	60.1	8	77.1	16	104.6
---Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0
---Other Diseases of Arteries, Arterioles, and Capillaries	10	12.6	3	10.6	1	9.6	0	0.0
Influenza and Pneumonia	9	11.4	6	21.2	3	28.9	2	13.1
---Influenza	0	0.0	0	0.0	0	0.0	0	0.0
---Pneumonia	9	11.4	6	21.2	3	28.9	2	13.1
Chronic Lower Respiratory Diseases	64	80.8	21	74.2	6	57.9	19	124.2
Lung Diseases due to External Agents	22	27.8	1	3.5	0	0.0	1	6.5
---Coalworker's Pneumoconiosis	12	15.2	1	3.5	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	15	18.9	5	17.7	2	19.3	5	32.7
Nephritis, Nephrotic Syndrome, and Nephrosis	14	17.7	4	14.1	4	38.6	4	26.2
Congenital Anomalies	0	0.0	1	3.5	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	11	13.9	3	10.6	2	19.3	1	6.5
Accidents	60	75.8	11	38.9	12	115.7	10	65.4
---Motor Vehicle Injuries	21	26.5	4	14.1	7	67.5	4	26.2
---Falls	9	11.4	2	7.1	3	28.9	2	13.1
---Smoke, Fires, and Flames	0	0.0	1	3.5	0	0.0	0	0.0
---Drownings	0	0.0	0	0.0	0	0.0	0	0.0
---Poisonings	22	27.8	2	7.1	1	9.6	3	19.6
---Other Accidents	8	10.1	2	7.1	1	9.6	1	6.5
Intentional Self-Harm	14	17.7	1	3.5	3	28.9	3	19.6
Assault	5	6.3	2	7.1	0	0.0	0	0.0
All Other Causes (Residual)	116	146.5	39	137.8	6	57.9	21	137.3

*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 births. All other rates are deaths per 100,000 population except where otherwise noted.
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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2007
Table 45 (continued)

Selected Causes of Death	Number and Rate by County									
	Summers		Taylor		Tucker		Tyler		Rate	Number
	Number	Rate	Number	Rate	Number	Rate	Number	Rate		
Fetal Deaths	1	8.2	1	6.1	0	0.0	0	0.0	0.0	0
Total Deaths, All Causes	152	11.5	171	10.6	86	12.5	112	12.5	12.5	112
---Deaths under 1 Year	2	16.4	0	0.0	2	24.1	1	10.4	10.4	1
---Deaths under 28 Days	1	8.2	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
Septicemia	1	7.6	1	6.2	1	14.6	4	44.7	44.7	4
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0	0.0	0
Malignant Neoplasms	38	287.8	37	229.6	23	334.9	24	268.1	268.1	24
---of Digestive Organs	5	37.9	6	37.2	9	131.0	3	33.5	33.5	3
---Colon	2	15.1	5	31.0	6	87.4	0	0.0	0.0	0
---Pancreas	0	0.0	0	0.0	3	43.7	1	11.2	11.2	1
---of Respiratory and Intrathoracic Organs	13	98.5	12	74.5	6	87.4	12	134.0	134.0	12
---Trachea, Bronchus, and Lung	11	83.3	12	74.5	6	87.4	12	134.0	134.0	12
---of Breast	1	7.6	2	12.4	1	14.6	0	0.0	0.0	0
---of Genitourinary Organs	6	45.4	0	0.0	2	29.1	2	22.3	22.3	2
---Cervix Uteri	1	7.6	0	0.0	0	0.0	0	0.0	0.0	0
---Ovary	1	7.6	0	0.0	0	0.0	0	0.0	0.0	0
---Prostate	2	15.1	0	0.0	0	14.6	1	11.2	11.2	1
---Bladder	0	0.0	0	0.0	0	0.0	0	0.0	0.0	0
---All Other (Malignant Neoplasms)	13	98.5	17	105.5	5	72.8	7	78.2	78.2	7
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	1	7.6	0	0.0	0	0.0	1	11.2	11.2	1
Diabetes Mellitus	11	83.3	10	62.0	2	29.1	4	44.7	44.7	4
Dementia	2	15.1	2	12.4	4	58.2	3	33.5	33.5	3
Alzheimer's Disease	0	0.0	6	37.2	3	43.7	1	11.2	11.2	1
Major Cardiovascular Disease	48	363.6	69	428.1	32	465.9	40	446.8	446.8	40
Diseases of the Heart	38	287.8	46	285.4	25	364.0	33	368.6	368.6	33
---Ischemic Heart Disease	25	189.4	36	223.4	18	262.1	16	178.7	178.7	16
---Essential Hypertension and Hypertensive Renal Disease	0	0.0	0	0.0	1	14.6	2	22.3	22.3	2
---Cerebrovascular Diseases	7	53.0	9	55.8	5	72.8	3	33.5	33.5	3
---Atherosclerosis	0	0.0	9	55.8	0	0.0	1	11.2	11.2	1
---Other Diseases of Arteries, Arterioles, and Capillaries	3	22.7	5	31.0	1	14.6	1	11.2	11.2	1
Influenza and Pneumonia	1	7.6	4	24.8	1	14.6	2	22.3	22.3	2
---Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0.0	0
---Pneumonia	1	7.6	4	24.8	1	14.6	2	22.3	22.3	2
Chronic Lower Respiratory Diseases	10	75.7	9	55.8	8	116.5	4	44.7	44.7	4
Lung Diseases due to External Agents	2	15.1	2	12.4	0	0.0	1	11.2	11.2	1
---Coalworker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0	0.0	0
Chronic Liver Disease and Cirrhosis	2	15.1	1	6.2	0	0.0	1	11.2	11.2	1
Nephritis, Nephrotic Syndrome, and Nephrosis	3	22.7	5	31.0	2	29.1	6	67.0	67.0	6
Congenital Anomalies	1	7.6	0	0.0	2	29.1	0	0.0	0.0	0
Ill-Defined and Unknown Causes of Death	2	15.1	1	6.2	1	14.6	0	0.0	0.0	0
Accidents	10	75.7	5	31.0	2	29.1	9	100.5	100.5	9
---Motor Vehicle Injuries	3	22.7	1	6.2	1	14.6	2	22.3	22.3	2
---Falls	0	0.0	0	0.0	0	0.0	1	11.2	11.2	1
---Smoke, Fires, and Flames	1	7.6	0	0.0	0	0.0	2	22.3	22.3	2
---Drownings	0	0.0	0	0.0	0	0.0	0	0.0	0.0	0
---Poisonings	4	30.3	3	18.6	0	0.0	2	22.3	22.3	2
---Other Accidents	2	15.1	1	6.2	1	14.6	2	22.3	22.3	2
Intentional Self-Harm	3	22.7	1	6.2	0	0.0	1	11.2	11.2	1
Assault	1	7.6	0	0.0	0	0.0	0	0.0	0.0	0
All Other Causes (Residual)	16	121.2	18	111.7	5	72.8	11	122.9	122.9	11

*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 births. All other rates are deaths per 100,000 population except where otherwise noted.
West Virginia Bureau for Public Health
Health Statistics Center, 2009

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2007
Table 45 (continued)

Selected Causes of Death	Number and Rate by County									
	Upshur		Wayne		Webster		Wetzel			
	Number	Rate	Number	Rate	Number	Rate	Number	Rate		
Fetal Deaths	1	3.7	0	0.0	0	0.0	0	0.0		0.0
Total Deaths, All Causes	272	11.6	433	10.5	121	12.8	205	12.5		12.5
---Deaths under 1 Year	1	3.7	4	8.7	1	8.5	1	6.1		6.1
---Deaths under 28 Days	1	3.7	2	4.3	0	0.0	0	0.0		0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0		0.0
Septicemia	2	8.5	8	19.4	1	10.6	3	18.3		18.3
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0		0.0
Malignant Neoplasms	69	293.5	99	240.1	29	307.4	48	292.1		292.1
---of Digestive Organs	17	72.3	21	50.9	8	84.8	8	48.7		48.7
-----Colon	9	38.3	7	17.0	4	42.4	2	12.2		12.2
-----Pancreas	5	21.3	3	7.3	2	21.2	3	18.3		18.3
---of Respiratory and Intrathoracic Organs	20	85.1	40	97.0	9	95.4	11	66.9		66.9
-----Trachea, Bronchus, and Lung	20	85.1	39	94.6	9	95.4	10	60.9		60.9
---of Breast	6	25.5	4	9.7	0	0.0	4	24.3		24.3
---of Genitourinary Organs	8	34.0	15	36.4	4	42.4	6	36.5		36.5
-----Cervix Uteri	0	0.0	1	2.4	1	10.6	0	0.0		0.0
-----Ovary	2	8.5	2	4.9	2	21.2	1	6.1		6.1
-----Prostate	3	12.8	3	7.3	1	10.6	2	12.2		12.2
-----Bladder	2	8.5	3	7.3	0	0.0	1	6.1		6.1
---All Other (Malignant Neoplasms)	18	76.6	19	46.1	8	84.8	19	115.6		115.6
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	4	17.0	4	9.7	0	0.0	1	6.1		6.1
Diabetes Mellitus	12	51.0	24	58.2	2	21.2	8	48.7		48.7
Dementia	9	38.3	13	31.5	5	53.0	6	36.5		36.5
Alzheimer's Disease	7	29.8	11	26.7	1	10.6	3	18.3		18.3
Major Cardiovascular Disease	89	378.6	111	269.2	38	402.8	78	474.7		474.7
---Diseases of the Heart	60	255.2	78	189.2	31	328.6	57	346.9		346.9
-----Ischemic Heart Disease	35	148.9	59	143.1	28	296.8	42	255.6		255.6
---Essential Hypertension and Hypertensive Renal Disease	3	12.8	7	17.0	0	0.0	2	12.2		12.2
---Cerebrovascular Diseases	24	102.1	23	55.8	4	42.4	15	91.3		91.3
---Atherosclerosis	1	4.3	0	0.0	0	0.0	0	0.0		0.0
---Other Diseases of Arteries, Arterioles, and Capillaries	1	4.3	3	7.3	3	31.8	4	24.3		24.3
Influenza and Pneumonia	7	29.8	8	19.4	4	42.4	4	24.3		24.3
---Influenza	0	0.0	0	0.0	1	10.6	0	0.0		0.0
---Pneumonia	7	29.8	8	19.4	3	31.8	4	24.3		24.3
Chronic Lower Respiratory Diseases	13	55.3	37	89.7	7	74.2	12	73.0		73.0
Lung Diseases due to External Agents	1	4.3	3	7.3	1	10.6	1	6.1		6.1
---Coalworker's Pneumoconiosis	0	0.0	0	0.0	1	10.6	0	0.0		0.0
Chronic Liver Disease and Cirrhosis	4	17.0	2	4.9	1	10.6	1	6.1		6.1
Nephritis, Nephrotic Syndrome, and Nephrosis	0	0.0	2	4.9	0	0.0	6	36.5		36.5
Congenital Anomalies	0	0.0	2	4.9	0	0.0	1	6.1		6.1
Ill-Defined and Unknown Causes of Death	3	12.8	6	14.6	2	21.2	1	6.1		6.1
Accidents	13	55.3	36	87.3	11	116.6	8	48.7		48.7
---Motor Vehicle Injuries	5	21.3	10	24.3	3	31.8	5	30.4		30.4
---Falls	1	4.3	7	17.0	0	0.0	2	12.2		12.2
---Smoke, Fires, and Flames	1	4.3	1	2.4	1	10.6	0	0.0		0.0
---Drownings	0	0.0	0	0.0	1	10.6	0	0.0		0.0
---Poisonings	5	21.3	11	26.7	4	42.4	1	6.1		6.1
---Other Accidents	1	4.3	7	17.0	2	21.2	0	0.0		0.0
Intentional Self-Harm	2	8.5	4	9.7	1	10.6	3	18.3		18.3
Assault	1	4.3	4	9.7	0	0.0	0	0.0		0.0
All Other Causes (Residual)	32	136.1	48	116.4	15	159.0	21	127.8		127.8

*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 births. All other rates are deaths per 100,000 population except where otherwise noted.
West Virginia Bureau for Public Health
Health Statistics Center, 2009

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2007
Table 45 (continued)

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	9	8.6	1	4.0	116	5.3
Total Deaths, All Causes	49	8.4	948	11.0	312	13.2	21,067	11.6
---Deaths under 1 Year	0	0.0	14	13.4	4	16.0	163	7.4
---Deaths under 28 Days	0	0.0	8	7.6	4	16.0	103	4.7
Tuberculosis	0	0.0	0	0.0	0	0.0	3	0.2
Septicemia	0	0.0	14	16.3	3	12.7	348	19.2
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	2	8.4	20	1.1
Malignant Neoplasms	15	258.2	207	240.5	67	283.0	4,688	258.7
---of Digestive Organs	3	51.6	46	53.4	17	71.8	1,011	55.8
---Colon	3	51.6	13	15.1	7	29.6	372	20.5
---Pancreas	0	0.0	13	15.1	3	12.7	210	11.6
---of Respiratory and Intrathoracic Organs	4	68.9	78	90.6	23	97.2	1,549	85.5
---Trachea, Bronchus, and Lung	4	68.9	71	82.5	23	97.2	1,510	83.3
---of Breast	1	17.2	14	16.3	2	8.4	284	15.7
---of Genitourinary Organs	4	68.9	27	31.4	7	29.6	629	34.7
---Cervix Uteri	0	0.0	0	0.0	0	0.0	38	2.1
---Ovary	1	17.2	4	4.6	1	4.2	120	6.6
---Prostate	1	17.2	8	9.3	2	8.4	160	8.8
---Bladder	1	17.2	6	7.0	0	0.0	115	6.3
---All Other (Malignant Neoplasms)	3	51.6	42	48.8	18	76.0	1,215	67.1
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	0	0.0	6	7.0	1	4.2	138	7.6
Diabetes Mellitus	0	0.0	37	43.0	8	33.8	801	44.2
Dementia	1	17.2	12	13.9	12	50.7	582	32.1
Alzheimer's Disease	0	0.0	12	13.9	5	21.1	557	30.7
Major Cardiovascular Disease	17	292.6	380	441.4	90	380.2	6,846	377.8
Diseases of the Heart	14	241.0	288	334.5	78	329.5	5,234	288.8
---Ischemic Heart Disease	8	137.7	164	190.5	57	240.8	3,504	193.4
---Essential Hypertension and Hypertensive Renal Disease	0	0.0	14	16.3	3	12.7	252	13.9
---Cerebrovascular Diseases	2	34.4	62	72.0	9	38.0	1,112	61.4
---Atherosclerosis	1	17.2	10	11.6	0	0.0	78	4.3
---Other Diseases of Arteries, Arterioles, and Capillaries	0	0.0	6	7.0	0	0.0	170	9.4
Influenza and Pneumonia	1	17.2	26	30.2	2	8.4	370	20.4
---Influenza	0	0.0	0	0.0	0	0.0	4	0.2
---Pneumonia	1	17.2	26	30.2	2	8.4	366	20.2
Chronic Lower Respiratory Diseases	4	68.9	53	61.6	28	118.3	1,345	74.2
Lung Diseases due to External Agents	1	17.2	6	7.0	6	25.3	201	11.1
---Coalworker's Pneumoconiosis	0	0.0	0	0.0	2	8.4	63	3.5
Chronic Liver Disease and Cirrhosis	0	0.0	13	15.1	6	25.3	275	15.2
Nephritis, Nephrotic Syndrome, and Nephrosis	1	17.2	15	17.4	3	12.7	456	25.2
Congenital Anomalies	0	0.0	4	4.6	0	0.0	62	3.4
Ill-Defined and Unknown Causes of Death	1	17.2	10	11.6	4	16.9	250	13.8
Accidents	2	34.4	20	23.2	26	109.8	1,242	68.5
---Motor Vehicle Injuries	0	0.0	3	3.5	8	33.8	425	23.5
---Falls	1	17.2	7	8.1	2	8.4	205	11.3
---Smoke, Fires, and Flames	0	0.0	2	2.3	0	0.0	30	1.7
---Drownings	0	0.0	1	1.2	0	0.0	23	1.3
---Poisonings	1	17.2	3	3.5	16	67.6	407	22.5
---Other Accidents	0	0.0	4	4.6	0	0.0	152	8.4
Intentional Self-Harm	0	0.0	9	10.5	5	21.1	312	17.2
Assault	0	0.0	4	4.6	1	4.2	94	5.2
All Other Causes (Residual)	6	103.3	120	139.4	43	181.6	2,477	136.7

*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 births. All other rates are deaths per 100,000 population except where otherwise noted.
West Virginia Bureau for Public Health
Health Statistics Center, 2009

Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2007
Table 46

Selected Causes of Death	Number and Rate by City											
	Buckley		Bluefield		Bridgeport		Buckhannon		Charleston		Rate	Rate
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate		
Fetal Deaths	4	10.7	1	6.1	0	0.0	0	0.0	2	2.8		
Total Deaths, All Causes	337	20.0	203	18.3	97	12.5	85	15.4	720	14.3		
---Deaths under 1 Year	4	10.7	1	6.1	0	0.0	0	0.0	8	11.4		
---Deaths under 28 Days	4	10.7	1	6.1	0	0.0	0	0.0	4	5.7		
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
Septicemia	4	23.8	2	18.1	2	25.7	0	0.0	18	35.7		
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0	3	5.9		
Malignant Neoplasms	64	380.3	31	280.2	27	347.0	25	453.7	158	313.0		
---of Digestive Organs	20	118.8	8	72.3	6	77.1	7	127.0	23	45.6		
-----Colon	8	47.5	1	9.0	4	51.4	3	54.4	8	15.8		
-----Pancreas	4	23.8	4	36.2	0	0.0	2	36.3	4	7.9		
---of Respiratory and Intrathoracic Organs	22	130.7	7	63.3	9	115.7	7	127.0	54	107.0		
-----Trachea, Bronchus, and Lung	20	118.8	7	63.3	9	115.7	7	127.0	52	103.0		
---of Breast	2	11.9	1	9.0	1	12.9	0	0.0	13	25.8		
---of Genitourinary Organs	5	29.7	6	54.2	5	64.3	5	90.7	24	47.5		
-----Cervix Uteri	1	5.9	1	9.0	0	0.0	0	0.0	1	2.0		
-----Ovary	0	0.0	0	0.0	1	12.9	1	18.1	2	4.0		
-----Prostate	1	5.9	1	9.0	2	25.7	1	18.1	10	19.8		
-----Bladder	1	5.9	2	18.1	0	0.0	2	36.3	5	9.9		
---All Other (Malignant Neoplasms)	15	89.1	9	81.4	6	77.1	6	108.9	44	87.2		
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	1	5.9	3	27.1	2	25.7	3	54.4	4	7.9		
Diabetes Mellitus	16	95.1	11	99.4	3	38.6	3	54.4	26	51.5		
Dementia	3	17.8	13	117.5	2	25.7	5	90.7	37	73.3		
Alzheimer's Disease	15	89.1	3	27.1	4	51.4	2	36.3	20	39.6		
Major Cardiovascular Disease	126	748.7	66	596.6	26	334.1	26	471.9	235	465.5		
---Diseases of the Heart	94	558.5	51	461.0	16	205.6	18	326.7	175	346.7		
-----Ischemic Heart Disease	50	297.1	34	307.3	11	141.4	9	163.3	104	206.0		
---Essential Hypertension and Hypertensive Renal Disease	3	17.8	6	54.2	4	51.4	2	36.3	18	35.7		
---Cerebrovascular Diseases	26	154.5	5	45.2	5	64.3	6	108.9	39	77.3		
---Atherosclerosis	0	0.0	1	9.0	1	12.9	0	0.0	0	0.0		
---Other Diseases of Arteries, Arterioles, and Capillaries	3	17.8	3	27.1	0	0.0	0	0.0	3	5.9		
Influenza and Pneumonia	4	23.8	2	18.1	2	25.7	2	36.3	9	17.8		
---Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
---Pneumonia	4	23.8	2	18.1	2	25.7	2	36.3	9	17.8		
Chronic Lower Respiratory Diseases	17	101.0	13	117.5	8	102.8	5	90.7	33	65.4		
Lung Diseases due to External Agents	10	59.4	4	36.2	0	0.0	0	0.0	6	11.9		
---Coalworker's Pneumoconiosis	5	29.7	2	18.1	0	0.0	0	0.0	0	0.0		
Chronic Liver Disease and Cirrhosis	6	35.7	2	18.1	2	25.7	1	18.1	11	21.8		
Nephritis, Nephrotic Syndrome, and Nephrosis	8	47.5	4	36.2	2	25.7	1	18.1	12	23.8		
Congenital Anomalies	0	0.0	1	9.0	0	0.0	0	0.0	1	2.0		
Ill-Defined and Unknown Causes of Death	3	17.8	2	18.1	1	12.9	0	0.0	14	27.7		
Accidents	16	95.1	13	117.5	3	38.6	3	54.4	25	49.5		
---Motor Vehicle Injuries	6	35.7	0	0.0	0	0.0	0	0.0	10	19.8		
---Falls	2	11.9	1	9.0	0	0.0	0	0.0	3	5.9		
---Smoke, Fires, and Flames	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
---Drownings	0	0.0	0	0.0	0	0.0	0	0.0	1	2.0		
---Poisonings	4	23.8	9	81.4	1	12.9	3	54.4	7	13.9		
---Other Accidents	4	23.8	3	27.1	2	25.7	0	0.0	4	7.9		
Intentional Self-Harm	5	29.7	3	27.1	1	12.9	0	0.0	11	21.8		
Assault	1	5.9	4	36.2	0	0.0	0	0.0	5	9.9		
All Other Causes (Residual)	38	225.8	26	235.0	12	154.2	9	163.3	92	182.3		

* All rates are deaths per 100,000 population except fetal deaths, deaths under 1 year, and deaths under 28 days, all of which are per 1,000 live births, and total deaths, which are per 1,000 population.
West Virginia Bureau for Public Health
Health Statistics Center, 2009

Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2007
Table 46 (continued)

Selected Causes of Death	Number and Rate by City									
	Clarksburg		Dunbar		Elkins		Fairmont		Grafton	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	0	0.0	0	0.0	4	18.1	0	0.0
Total Deaths, All Causes	280	17.1	142	18.5	87	12.4	312	16.3	83	15.6
---Deaths under 1 Year	1	3.9	2	18.2	0	0.0	1	4.5	0	0.0
---Deaths under 28 Days	1	3.9	1	9.1	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	4	24.5	1	13.0	2	28.6	7	36.7	1	18.8
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	58	354.9	25	324.9	13	186.0	75	392.8	19	357.7
---of Digestive Organs	13	79.6	4	52.0	5	71.5	17	89.0	3	56.5
-----Colon	8	49.0	1	13.0	1	14.3	8	41.9	2	37.7
-----Pancreas	2	12.2	1	13.0	0	0.0	6	31.4	0	0.0
---of Respiratory and Intrathoracic Organs	21	128.5	7	91.0	2	28.6	29	151.9	7	131.8
-----Trachea, Bronchus, and Lung	20	122.4	7	91.0	1	14.3	29	151.9	7	131.8
---of Breast	2	12.2	2	26.0	0	0.0	6	31.4	2	37.7
---of Genitourinary Organs	4	24.5	5	65.0	2	28.6	11	57.6	0	0.0
-----Cervix Uteri	1	0.0	1	13.0	0	0.0	0	0.0	0	0.0
-----Ovary	1	6.1	0	0.0	1	14.3	0	0.0	0	0.0
-----Prostate	3	18.4	1	13.0	1	14.3	2	10.5	0	0.0
-----Bladder	0	0.0	0	0.0	0	0.0	1	5.2	0	0.0
---All Other (Malignant Neoplasms)	18	110.2	7	91.0	4	57.2	12	62.8	7	131.8
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	0	0.0	0	0.0	1	14.3	2	10.5	0	0.0
Diabetes Mellitus	18	110.2	5	65.0	2	28.6	11	57.6	5	94.1
Dementia	2	12.2	4	52.0	1	14.3	22	115.2	0	0.0
Alzheimer's Disease	11	67.3	9	117.0	7	100.2	4	20.9	3	56.5
Major Cardiovascular Disease	91	556.9	52	675.9	32	457.9	89	466.1	35	659.0
---Diseases of the Heart	71	434.5	37	480.9	25	357.7	69	361.3	21	395.4
-----Ischemic Heart Disease	42	257.0	29	376.9	13	186.0	46	240.9	20	376.6
---Essential Hypertension and Hypertensive Renal Disease	4	24.5	0	0.0	0	0.0	3	15.7	0	0.0
---Cerebrovascular Diseases	14	85.7	14	182.0	5	71.5	13	68.1	3	56.5
---Atherosclerosis	1	6.1	0	0.0	0	0.0	1	5.2	8	150.6
---Other Diseases of Arteries, Arterioles, and Capillaries	1	6.1	1	13.0	2	28.6	3	15.7	3	56.5
Influenza and Pneumonia	5	30.6	1	13.0	2	28.6	3	15.7	3	56.5
---Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
---Pneumonia	5	30.6	1	13.0	2	28.6	3	15.7	3	56.5
Chronic Lower Respiratory Diseases	13	79.6	6	78.0	5	71.5	19	99.5	4	75.3
Lung Diseases due to External Agents	2	12.2	1	13.0	0	0.0	4	20.9	1	18.8
---Coalworker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	4	24.5	0	0.0	2	28.6	7	36.7	0	0.0
Nephritis, Nephrotic Syndrome, and Nephrosis	7	42.8	4	52.0	0	0.0	11	57.6	2	37.7
Congenital Anomalies	1	6.1	1	13.0	1	14.3	2	10.5	0	0.0
Ill-Defined and Unknown Causes of Death	7	42.8	3	39.0	0	0.0	3	15.7	0	0.0
Accidents	21	128.5	6	78.0	0	0.0	16	83.8	2	37.7
---Motor Vehicle Injuries	11	67.3	2	26.0	0	0.0	2	10.5	0	0.0
---Falls	1	6.1	1	13.0	0	0.0	7	36.7	0	0.0
---Smoke, Fires, and Flames	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
---Drownings	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
---Poisonings	7	42.8	3	39.0	0	0.0	6	31.4	1	18.8
---Other Accidents	2	12.2	0	0.0	0	0.0	1	5.2	1	18.8
Intentional Self-Harm	5	30.6	3	39.0	1	14.3	1	5.2	0	0.0
Assault	1	6.1	1	13.0	0	0.0	1	5.2	0	0.0
All Other Causes (Residual)	30	183.6	20	259.9	18	257.5	35	183.3	8	150.6

* All rates are deaths per 100,000 population except fetal deaths, deaths under 1 year, and deaths under 28 days, all of which are per 1,000 live births, and total deaths, which are per 1,000 population.
West Virginia Bureau for Public Health
Health Statistics Center, 2009

Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2007
Table 46 (continued)

Selected Causes of Death	Number and Rate by City									
	Huntington		Hurricane		Martinsburg		Morgantown		Moundsville	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	2	2.8	0	0.0	1	4.0	1	1.8	0	0.0
Total Deaths, All Causes	721	14.7	90	14.6	213	12.9	239	8.1	149	16.1
---Deaths under 1 Year	9	12.6	0	0.0	3	12.0	1	1.8	0	0.0
---Deaths under 28 Days	6	8.4	0	0.0	3	12.0	1	1.8	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	13	26.5	1	16.2	0	0.0	3	10.2	3	32.5
Human Immunodeficiency Virus Infection	2	4.1	1	16.2	1	6.1	1	3.4	0	0.0
Malignant Neoplasms	146	298.1	21	341.2	46	279.6	57	194.1	24	260.0
---of Digestive Organs	43	87.8	5	81.2	11	66.9	18	61.3	5	54.2
-----Colon	14	28.6	0	0.0	4	24.3	6	20.4	0	0.0
-----Pancreas	7	14.3	2	32.5	2	12.2	6	20.4	1	10.8
---of Respiratory and Intrathoracic Organs	58	118.4	6	97.5	15	91.2	14	47.7	8	86.7
---Trachea, Bronchus, and Lung	57	116.4	6	97.5	15	91.2	14	47.7	8	86.7
---of Breast	9	18.4	4	65.0	1	6.1	7	23.8	1	10.8
---of Genitourinary Organs	12	24.5	2	32.5	8	48.6	5	17.0	4	43.3
---Cervix Uteri	1	2.0	0	0.0	0	0.0	0	0.0	0	0.0
---Ovary	1	2.0	0	0.0	3	18.2	1	3.4	1	10.8
---Prostate	5	10.2	0	0.0	4	24.3	0	0.0	0	0.0
---Bladder	2	4.1	1	16.2	0	0.0	0	0.0	1	10.8
---All Other (Malignant Neoplasms)	24	49.0	4	65.0	11	66.9	13	44.3	6	65.0
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	5	10.2	1	16.2	0	0.0	0	0.0	1	10.8
Diabetes Mellitus	24	49.0	3	48.7	5	30.4	6	20.4	4	43.3
Dementia	28	57.2	5	81.2	2	12.2	5	17.0	1	10.8
Alzheimer's Disease	27	55.1	3	48.7	7	42.6	10	34.1	4	43.3
Major Cardiovascular Disease	215	438.9	21	341.2	70	425.5	75	255.4	65	704.1
Diseases of the Heart	150	306.2	18	292.5	53	322.2	61	207.8	54	584.9
---Ischemic Heart Disease	103	210.3	15	243.7	30	182.4	38	129.4	49	530.8
---Essential Hypertension and Hypertensive Renal Disease	11	22.5	0	0.0	0	0.0	4	13.6	1	10.8
---Cerebrovascular Diseases	50	102.1	3	48.7	16	97.3	8	27.2	9	97.5
---Atherosclerosis	0	0.0	0	0.0	0	0.0	1	3.4	0	0.0
---Other Diseases of Arteries, Arterioles, and Capillaries	4	8.2	0	0.0	1	6.1	1	3.4	1	10.8
Influenza and Pneumonia	10	20.4	2	32.5	4	24.3	8	27.2	4	43.3
---Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
---Pneumonia	10	20.4	2	32.5	4	24.3	8	27.2	4	43.3
Chronic Lower Respiratory Diseases	41	83.7	5	81.2	12	72.9	13	44.3	17	184.1
Lung Diseases due to External Agents	7	14.3	1	16.2	1	6.1	3	10.2	2	21.7
---Coalworker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0	1	10.8
Chronic Liver Disease and Cirrhosis	11	22.5	2	32.5	6	36.5	5	17.0	0	0.0
Nephritis, Nephrotic Syndrome, and Nephrosis	19	38.8	0	0.0	9	54.7	8	27.2	3	32.5
Congenital Anomalies	0	0.0	0	0.0	2	12.2	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	5	10.2	6	97.5	5	30.4	1	3.4	1	10.8
Accidents	61	124.5	4	65.0	9	54.7	15	51.1	5	54.2
---Motor Vehicle Injuries	12	24.5	2	32.5	5	30.4	3	10.2	2	21.7
---Falls	10	20.4	1	16.2	0	0.0	6	20.4	1	10.8
---Smoke, Fires, and Flames	8	16.3	1	16.2	0	0.0	0	0.0	0	0.0
---Drownings	0	0.0	0	0.0	0	0.0	1	3.4	0	0.0
---Poisonings	30	61.2	0	0.0	4	24.3	3	10.2	1	10.8
---Other Accidents	1	2.0	0	0.0	0	0.0	2	6.8	1	10.8
Intentional Self-Harm	8	16.3	2	32.5	3	18.2	1	3.4	0	0.0
Assault	3	6.1	1	16.2	4	24.3	0	0.0	0	0.0
All Other Causes (Residual)	96	196.0	11	178.7	27	164.1	28	95.4	15	162.5

* All rates are deaths per 100,000 population except fetal deaths, deaths under 1 year, and deaths under 28 days, all of which are per 1,000 live births, and total deaths, which are per 1,000 population.
West Virginia Bureau for Public Health
Health Statistics Center, 2009

Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2007
Table 46 (continued)

Selected Causes of Death	Number and Rate by City									
	New Martinsville		Nitro		Oak Hill		Parkersburg		Princeton	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	0	0.0	0	0.0	6	9.9	0	0.0
Total Deaths, All Causes	87	15.6	91	13.4	127	17.6	521	16.5	161	25.8
---Deaths under 1 Year	1	20.4	2	18.0	0	0.0	7	11.6	3	16.4
---Deaths under 28 Days	1	20.4	1	9.0	0	0.0	3	5.0	2	10.9
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	0	0.0	4	58.9	1	13.9	7	22.1	9	144.4
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	15	268.6	26	383.0	32	443.3	104	328.9	33	529.4
---of Digestive Organs	3	53.7	5	73.7	3	41.6	15	47.4	6	96.2
-----Colon	1	17.9	2	29.5	3	41.6	2	6.3	0	0.0
-----Pancreas	1	17.9	1	14.7	0	0.0	8	25.3	3	48.1
---of Respiratory and Intrathoracic Organs	3	53.7	8	117.9	11	152.4	46	145.5	16	256.7
-----Trachea, Bronchus, and Lung	2	35.8	8	117.9	10	138.5	41	129.7	16	256.7
---of Breast	1	17.9	3	44.2	2	27.7	7	22.1	0	0.0
---of Genitourinary Organs	2	35.8	4	58.9	5	69.3	14	44.3	3	48.1
-----Cervix Uteri	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
-----Ovary	0	0.0	1	14.7	1	13.9	2	6.3	0	0.0
-----Prostate	1	17.9	3	44.2	1	13.9	4	12.7	0	0.0
-----Bladder	1	17.9	0	0.0	2	27.7	3	9.5	1	16.0
---All Other (Malignant Neoplasms)	6	107.4	6	88.4	11	152.4	22	69.6	8	128.3
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	1	17.9	1	14.7	0	0.0	2	6.3	0	0.0
Diabetes Mellitus	5	89.5	4	58.9	5	69.3	27	85.4	2	32.1
Dementia	2	35.8	4	58.9	5	69.3	11	34.8	19	304.8
Alzheimer's Disease	2	35.8	1	14.7	1	13.9	6	19.0	1	16.0
Major Cardiovascular Disease	35	626.7	24	353.6	45	623.4	211	667.4	48	770.0
---Diseases of the Heart	24	429.7	16	235.7	33	457.1	162	512.4	35	561.4
-----Ischemic Heart Disease	19	340.2	14	206.2	27	374.0	88	278.3	24	385.0
---Essential Hypertension and Hypertensive Renal Disease	1	17.9	3	44.2	2	27.7	6	19.0	0	0.0
---Cerebrovascular Diseases	7	125.3	4	58.9	9	124.7	35	110.7	8	128.3
---Atherosclerosis	0	0.0	0	0.0	0	0.0	5	15.8	0	0.0
---Other Diseases of Arteries, Arterioles, and Capillaries	3	53.7	1	14.7	1	13.9	3	9.5	5	80.2
Influenza and Pneumonia	3	53.7	0	0.0	2	27.7	18	56.9	6	96.2
---Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
---Pneumonia	3	53.7	0	0.0	2	27.7	18	56.9	6	96.2
Chronic Lower Respiratory Diseases	5	89.5	4	58.9	8	110.8	31	98.0	6	96.2
Lung Diseases due to External Agents	1	17.9	2	29.5	1	13.9	4	12.7	2	32.1
---Coalworker's Pneumoconiosis	0	0.0	0	0.0	1	13.9	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	0	0.0	1	13.9	8	25.3	1	16.0
Nephritis, Nephrotic Syndrome, and Nephrosis	1	17.9	0	0.0	3	41.6	9	28.5	3	48.1
Congenital Anomalies	1	17.9	1	14.7	0	0.0	2	6.3	0	0.0
Ill-Defined and Unknown Causes of Death	0	0.0	2	29.5	1	13.9	6	19.0	3	48.1
Accidents	1	17.9	3	44.2	9	124.7	12	38.0	8	128.3
---Motor Vehicle Injuries	1	17.9	2	29.5	1	13.9	1	3.2	2	32.1
---Falls	0	0.0	0	0.0	3	41.6	5	15.8	3	48.1
---Smoke, Fires, and Flames	0	0.0	0	0.0	0	0.0	2	6.3	0	0.0
---Drownings	0	0.0	0	0.0	0	0.0	0	0.0	1	16.0
---Poisonings	0	0.0	1	14.7	4	55.4	1	3.2	2	32.1
---Other Accidents	0	0.0	0	0.0	1	13.9	3	9.5	0	0.0
Intentional Self-Harm	1	17.9	0	0.0	2	27.7	3	9.5	3	48.1
Assault	0	0.0	0	0.0	0	0.0	4	12.7	1	16.0
All Other Causes (Residual)	14	250.7	15	221.0	11	152.4	56	177.1	16	256.7

* All rates are deaths per 100,000 population except fetal deaths, deaths under 1 year, and deaths under 28 days, all of which are per 1,000 live births, and total deaths, which are per 1,000 population.
West Virginia Bureau for Public Health
Health Statistics Center, 2009

Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2007
Table 46 (continued)

Selected Causes of Death	Number and Rate by City											
	Saint Albans			South Charleston			Vienna			Weirton		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	4.7	1	5.7	1	8.8	0	0.0	0	0.0	3	8.3
Total Deaths, All Causes	246	22.3	179	14.3	147	13.9	300	15.9	506	17.4	3	8.3
---Deaths under 1 Year	5	23.4	0	0.0	2	17.5	1	4.9	3	8.3	3	8.3
---Deaths under 28 Days	1	4.7	0	0.0	1	8.8	1	4.9	2	5.5	2	5.5
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	8	72.5	3	24.0	5	47.1	8	42.5	6	20.6	6	20.6
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0	1	3.4	1	3.4
Malignant Neoplasms	51	462.5	40	320.5	29	273.2	59	313.1	120	412.4	120	412.4
---of Digestive Organs	9	81.6	7	56.1	8	75.4	18	95.5	28	96.2	28	96.2
-----Colon	4	36.3	2	16.0	3	28.3	5	26.5	8	27.5	8	27.5
-----Pancreas	0	0.0	2	16.0	2	18.8	7	37.2	6	20.6	6	20.6
---of Respiratory and Intrathoracic Organs	16	145.1	9	72.1	11	103.6	15	79.6	32	110.0	32	110.0
-----Trachea, Bronchus, and Lung	15	136.0	7	56.1	11	103.6	15	79.6	32	110.0	32	110.0
---of Breast	6	54.4	5	40.1	2	18.8	5	26.5	8	27.5	8	27.5
---of Genitourinary Organs	9	81.6	5	40.1	4	37.7	5	26.5	13	44.7	13	44.7
-----Cervix Uteri	1	9.1	1	8.0	0	0.0	0	0.0	1	3.4	1	3.4
-----Ovary	2	18.1	0	0.0	0	0.0	0	0.0	4	13.7	4	13.7
-----Prostate	1	9.1	2	16.0	2	18.8	0	0.0	1	3.4	1	3.4
-----Bladder	2	18.1	1	8.0	0	0.0	2	10.6	1	3.4	1	3.4
---All Other (Malignant Neoplasms)	11	99.7	14	112.2	4	37.7	16	84.9	39	134.0	39	134.0
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	2	18.1	1	8.0	1	9.4	3	15.9	6	20.6	6	20.6
Diabetes Mellitus	10	90.7	4	32.1	3	28.3	10	53.1	23	79.0	23	79.0
Dementia	6	54.4	9	72.1	1	9.4	12	63.7	20	68.7	20	68.7
Alzheimer's Disease	8	72.5	10	80.1	1	9.4	8	42.5	13	44.7	13	44.7
Major Cardiovascular Disease	77	698.2	53	424.7	58	546.5	115	610.3	171	587.6	171	587.6
Diseases of the Heart	52	471.5	37	296.5	42	395.7	95	504.2	123	422.7	123	422.7
---Ischemic Heart Disease	40	362.7	30	240.4	21	197.9	53	281.3	81	278.3	81	278.3
---Essential Hypertension and Hypertensive Renal Disease	5	45.3	3	24.0	4	37.7	5	26.5	2	6.9	2	6.9
---Cerebrovascular Diseases	19	172.3	12	96.2	8	75.4	11	58.4	34	116.8	34	116.8
---Atherosclerosis	0	0.0	0	0.0	3	28.3	0	0.0	5	17.2	5	17.2
---Other Diseases of Arteries, Arterioles, and Capillaries	1	9.1	1	8.0	1	9.4	4	21.2	7	24.1	7	24.1
Influenza and Pneumonia	5	45.3	2	16.0	3	28.3	6	31.8	17	58.4	17	58.4
---Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
---Pneumonia	5	45.3	2	16.0	3	28.3	6	31.8	17	58.4	17	58.4
Chronic Lower Respiratory Diseases	9	81.6	12	96.2	11	103.6	12	63.7	28	96.2	28	96.2
Lung Diseases due to External Agents	0	0.0	1	8.0	0	0.0	2	10.6	4	13.7	4	13.7
---Coalworker'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	8	72.5	3	24.0	2	18.8	4	21.2	6	20.6	6	20.6
Nephritis, Nephrotic Syndrome, and Nephrosis	6	54.4	6	48.1	3	28.3	4	21.2	6	20.6	6	20.6
Congenital Anomalies	1	9.1	1	8.0	0	0.0	0	0.0	2	6.9	2	6.9
Ill-Defined and Unknown Causes of Death	7	63.5	2	16.0	4	37.7	3	15.9	3	10.3	3	10.3
Accidents	13	117.9	6	48.1	2	18.8	16	84.9	15	51.5	15	51.5
---Motor Vehicle Injuries	4	36.3	2	16.0	1	9.4	4	21.2	2	6.9	2	6.9
---Falls	3	27.2	1	8.0	0	0.0	3	15.9	5	17.2	5	17.2
---Smoke, Fires, and Flames	0	0.0	0	0.0	0	0.0	0	0.0	1	3.4	1	3.4
---Drownings	1	9.1	1	8.0	1	9.4	1	5.3	0	0.0	0	0.0
---Poisonings	4	36.3	1	8.0	0	0.0	7	37.2	5	17.2	5	17.2
---Other Accidents	1	9.1	1	8.0	0	0.0	1	5.3	2	6.9	2	6.9
Intentional Self-Harm	4	36.3	3	24.0	1	9.4	3	15.9	6	20.6	6	20.6
Assault	1	9.1	1	8.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other Causes (Residual)	30	272.0	22	176.3	23	216.7	35	185.8	59	202.7	59	202.7

* All rates are deaths per 100,000 population except fetal deaths, deaths under 1 year, and deaths under 28 days, all of which are per 1,000 live births, and total deaths, which are per 1,000 population.
West Virginia Bureau for Public Health
Health Statistics Center, 2009

Selected Causes of Resident Deaths: Number by Race and Gender
West Virginia, 2007
Table 47

Selected Causes of Death	Number by Race and Gender						Total
	White		Black		Other		
	Male	Female	Male	Female	Male	Female	
Fetal Deaths	64	41	6	4	0	1	116
Total Deaths, All Causes	10,229	10,122	349	330	20	17	21,067
---Deaths under 1 Year	74	71	13	4	0	1	163
---Deaths under 28 Days	44	47	8	3	0	1	103
Tuberculosis	3	0	0	0	0	0	3
Septicemia	170	167	3	7	0	1	348
Human Immunodeficiency Virus Infection	12	6	2	0	0	0	20
Malignant Neoplasms	2,379	2,162	73	66	3	5	4,688
---of Digestive Organs	553	416	21	20	0	1	1,011
-----Colon	185	172	5	10	0	0	372
-----Pancreas	125	78	4	3	0	0	210
---of Respiratory and Intrathoracic Organs	883	630	23	13	0	0	1,549
-----Trachea, Bronchus, and Lung	854	622	21	13	0	0	1,510
---of Breast	5	267	0	9	0	3	284
---of Genitourinary Organs	299	308	12	9	1	0	629
-----Cervix Uteri	0	37	0	1	0	0	38
-----Ovary	0	118	0	2	0	0	120
-----Prostate	149	0	10	0	1	0	160
-----Bladder	76	36	1	2	0	0	115
---All Other (Malignant Neoplasms)	639	541	17	15	2	1	1,215
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	66	70	1	1	0	0	138
Diabetes Mellitus	388	364	17	29	2	1	801
Dementia	173	387	6	15	1	0	582
Alzheimer’s Disease	128	419	3	7	0	0	557
Major Cardiovascular Disease	3,135	3,485	99	115	8	4	6,846
---Diseases of the Heart	2,511	2,573	74	68	5	3	5,234
-----Ischemic Heart Disease	1,799	1,609	49	41	3	3	3,504
---Essential Hypertension and Hypertensive Renal Disease	98	134	7	13	0	0	252
---Cerebrovascular Diseases	419	642	16	31	3	1	1,112
---Atherosclerosis	28	50	0	0	0	0	78
---Other Diseases of Arteries, Arterioles, and Capillaries	79	86	2	3	0	0	170
Influenza and Pneumonia	185	177	6	2	0	0	370
---Influenza	2	2	0	0	0	0	4
---Pneumonia	183	175	6	2	0	0	366
Chronic Lower Respiratory Diseases	650	678	9	7	0	1	1,345
Lung Diseases due to External Agents	144	48	5	4	0	0	201
---Coalworker’s Pneumoconiosis	58	1	4	0	0	0	63
Chronic Liver Disease and Cirrhosis	170	87	14	4	0	0	275
Nephritis, Nephrotic Syndrome, and Nephrosis	224	215	7	9	0	1	456
Congenital Anomalies	25	35	2	0	0	0	62
Ill-Defined and Unknown Causes of Death	128	114	5	3	0	0	250
Accidents	811	394	23	11	2	1	1,242
---Motor Vehicle Injuries	292	115	10	7	1	0	425
---Falls	109	94	2	0	0	0	205
---Smoke, Fires, and Flames	17	10	1	1	0	1	30
---Drownings	17	5	0	0	1	0	23
---Poisonings	267	132	7	1	0	0	407
---Other Accidents	109	38	3	2	0	0	152
Intentional Self-Harm	251	48	9	2	1	1	312
Assault	48	28	15	2	1	0	94
All Other Causes (Residual)	1,139	1,238	50	46	2	2	2,477

West Virginia Bureau for Public Health
Health Statistics Center, 2009

**Selected Causes of Resident Deaths by Age Group
West Virginia, 2007
Table 48**

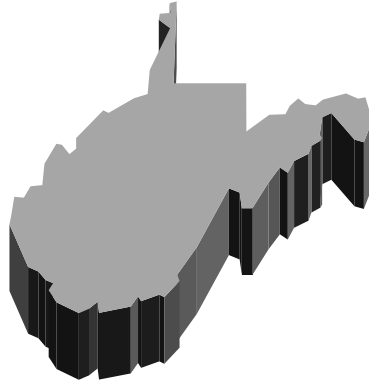
Selected Causes of Death	Total	Age in Years										85 and Over	Average Age at Death		
		Less Than One	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64			65-74	75-84
Total Deaths, All Causes	21,067	163	31	22	18	82	156	418	689	1,629	2,676	3,786	5,994	5,402	72.0
---Deaths under 1 Year	163	163	0	0	0	0	0	0	0	0	0	0	0	0	0.1
---Deaths under 28 Days	103	103	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Tuberculosis	3	0	0	0	0	0	0	0	0	0	0	0	0	0	79.3
Septicemia	348	0	0	0	0	0	0	3	8	24	44	94	103	72	73.4
Human Immunodeficiency Virus Infection	20	0	0	0	0	0	0	3	8	6	3	0	0	0	43.5
Malignant Neoplasms	4,688	2	1	2	0	6	2	19	95	435	928	1,212	1,368	618	70.4
---of Digestive Organs	1,011	0	0	0	0	0	0	3	16	119	219	229	290	135	70.2
----Colon	372	0	0	0	0	0	0	2	8	36	70	83	117	56	71.3
----Pancreas	210	0	0	0	0	0	0	0	3	15	56	41	70	25	70.7
---of Respiratory and Intrathoracic Organs	1,549	0	0	0	0	0	0	1	20	148	333	478	448	121	69.6
----Trachea, Bronchus, and Lung	1,510	0	0	0	0	0	0	1	19	142	320	467	441	120	69.7
---of Breast	284	0	0	0	0	0	0	2	9	35	49	65	68	56	70.5
---of Genitourinary Organs	629	0	0	0	0	1	0	3	13	42	110	144	187	129	72.8
----Cervix Uteri	38	0	0	0	0	0	0	1	7	7	12	5	4	2	57.8
----Ovary	120	0	0	0	0	0	0	0	2	9	28	29	33	19	70.7
----Prostate	160	0	0	0	0	0	0	0	0	1	12	36	63	48	79.3
----Bladder	115	0	0	0	0	0	0	0	0	6	16	30	32	31	75.7
---All Other (Malignant Neoplasms)	1,215	2	1	2	0	5	2	10	37	91	217	296	375	177	70.4
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	138	0	0	0	0	0	0	0	4	10	16	26	42	40	75.1
Diabetes Mellitus	801	0	1	0	0	0	0	3	24	66	138	180	242	147	71.9
Dementia	582	0	0	0	0	0	0	0	0	2	6	20	212	342	86.0
Alzheimer's Disease	557	0	0	0	0	0	0	0	0	1	4	35	185	332	85.8
Major Cardiovascular Disease	6,846	2	1	0	1	4	5	31	108	392	702	1,096	2,081	2,423	77.3
---Diseases of the Heart	5,234	1	1	0	1	4	3	24	90	320	545	851	1,573	1,821	77.0
----Ischemic Heart Disease	3,504	0	0	0	0	0	0	12	68	252	401	612	1,057	1,102	76.0
---Essential Hypertension and Hypertensive Renal Disease	252	0	0	0	0	0	1	0	4	14	38	36	59	100	77.0
---Cerebrovascular Diseases	1,112	1	0	0	0	0	1	6	13	51	93	168	367	412	78.3
---Atherosclerosis	78	0	0	0	0	0	0	0	0	0	6	6	28	38	83.1
---Other Diseases of Arteries, Arterioles, and Capillaries	170	0	0	0	0	0	0	1	1	7	20	35	54	52	76.7
Influenza and Pneumonia	370	2	0	1	0	1	4	1	4	11	28	49	91	178	79.4
---Influenza	4	0	0	0	0	0	0	0	0	0	0	0	2	2	84.5
---Pneumonia	366	2	0	1	0	1	4	1	4	11	28	49	89	176	79.3
Chronic Lower Respiratory Diseases	1,345	0	0	0	1	1	0	4	7	42	159	348	496	286	75.4
Lung Diseases due to External Agents	201	0	0	0	0	0	0	0	2	10	12	29	76	72	79.2
---Coalworker's Pneumoconiosis	63	0	0	0	0	0	0	0	0	4	1	16	30	12	77.4
Chronic Liver Disease and Cirrhosis	275	0	0	0	0	0	1	1	19	68	81	53	48	4	61.1
Nephritis, Nephrotic Syndrome, and Nephrosis	456	0	0	0	1	0	0	3	6	15	59	83	152	137	76.5
Congenital Anomalies	62	27	3	1	1	2	0	1	4	7	5	5	4	2	27.8
Ill-Defined and Unknown Causes of Death	250	32	1	0	0	1	1	8	6	18	23	51	43	66	63.5
Accidents	1,242	7	7	9	7	51	93	212	210	231	107	83	125	100	48.3
---Motor Vehicle Injuries	425	3	3	5	6	38	45	87	67	65	36	35	20	15	41.4
---Falls	205	0	0	0	0	0	3	2	8	14	14	22	79	63	75.3
---Smoke, Fires, and Flames	30	0	2	1	1	2	0	2	4	5	1	6	3	3	50.5
---Drownings	23	0	0	2	0	1	0	3	7	2	2	4	1	1	46.3
---Poisonings	407	0	0	0	0	8	36	107	105	124	23	3	1	0	39.2
---Other Accidents	152	4	2	1	0	2	9	11	19	21	31	13	21	18	55.1
Intentional Self-Harm	312	0	0	0	0	9	25	48	66	66	45	24	21	8	47.0
Assault	94	3	8	1	2	2	13	18	18	15	9	2	3	0	34.5
All Other Causes (Residual)	2,477	88	9	8	5	5	12	63	100	210	307	396	699	575	68.8

Selected Causes of Resident Deaths by Month of Occurrence West Virginia, 2007

Table 49

Selected Causes of Death	Number of Deaths per Month												Total
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
Fetal Deaths	9	11	12	8	10	5	9	14	11	9	10	8	116
Total Deaths, All Causes	1,872	1,745	1,831	1,765	1,763	1,690	1,608	1,606	1,700	1,762	1,768	1,957	21,067
---Deaths under 1 Year	9	18	9	10	16	10	14	14	12	14	21	16	163
---Deaths under 28 Days	4	10	7	10	9	7	9	10	4	9	15	9	103
Tuberculosis	0	0	1	0	0	2	0	0	0	0	0	0	3
Sepsicemia	31	20	29	32	30	38	21	26	24	26	28	43	348
Human Immunodeficiency Virus Infection	2	2	1	2	3	3	0	2	4	0	1	1	20
Malignant Neoplasms	423	391	379	404	413	355	348	404	375	379	416	401	4,688
---of Digestive Organs	90	86	77	79	88	79	68	90	90	76	97	91	1,011
----Colon	34	34	29	28	34	29	18	30	38	25	38	35	372
----Pancreas	18	20	12	15	16	18	19	22	18	16	18	18	210
---of Respiratory and Intrathoracic Organs	145	139	133	133	133	124	116	128	111	117	128	142	1,549
----Trachea, Bronchus, and Lung	142	138	133	128	128	119	116	126	107	113	124	136	1,510
---of Breast	28	15	23	21	32	10	26	25	24	31	23	26	284
---of Genitourinary Organs	51	51	44	61	67	52	47	52	53	44	59	48	629
----Cervix Uteri	0	4	3	4	6	7	2	2	2	3	2	3	38
----Ovary	9	13	5	8	16	10	4	12	12	9	8	14	120
----Prostate	10	16	14	17	14	12	13	10	16	8	20	10	160
----Bladder	16	9	11	7	13	5	14	4	10	8	14	4	115
---All Other (Malignant Neoplasms)	109	100	102	110	93	90	91	109	97	111	109	94	1,215
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	5	12	14	6	13	17	7	12	9	14	15	14	138
Diabetes Mellitus	64	57	68	68	90	61	74	59	68	62	60	70	801
Dementia	50	47	53	38	38	42	50	47	49	49	53	66	582
Alzheimer's Disease	46	53	61	38	49	44	33	35	37	52	46	63	557
Major Cardiovascular Disease	641	583	603	581	573	537	528	498	533	583	568	618	6,846
---Diseases of the Heart	504	440	467	451	428	414	402	383	397	435	453	460	5,234
----Ischemic Heart Disease	327	306	324	301	292	275	270	263	273	278	294	301	3,504
---Essential Hypertension and Hypertensive Renal Disease	15	21	29	16	23	16	20	15	18	25	22	32	252
---Cerebrovascular Diseases	94	93	86	96	107	94	83	78	96	107	76	102	1,112
---Atherosclerosis	7	12	6	2	6	5	10	8	6	6	4	6	78
---Other Diseases of Arteries, Arterioles, and Capillaries	21	17	15	16	9	8	13	14	16	10	13	18	170
Influenza and Pneumonia	34	35	41	32	27	31	28	24	26	32	23	37	370
---Influenza	0	2	1	1	0	0	0	0	0	0	0	0	4
---Pneumonia	34	33	40	31	27	31	28	24	26	32	23	37	366
Chronic Lower Respiratory Diseases	133	131	118	116	104	126	87	85	107	103	111	124	1,345
Lung Diseases due to External Agents	15	12	22	15	18	23	17	16	13	19	13	18	201
---Coalworker's Pneumoconiosis	6	7	5	6	5	7	1	6	4	3	6	7	63
Chronic Liver Disease and Cirrhosis	21	25	26	19	19	22	21	21	21	30	25	25	275
Nephritis, Nephrotic Syndrome, and Nephrosis	39	29	46	46	36	31	37	36	35	42	40	39	456
Congenital Anomalies	1	6	6	8	8	4	6	2	5	6	5	5	62
Ill-Defined and Unknown Causes of Death	18	20	18	18	20	24	24	20	27	16	13	32	250
Accidents	90	92	100	100	101	109	104	92	120	117	101	116	1,242
---Motor Vehicle Injuries	23	24	40	39	35	39	36	33	47	41	32	36	425
---Falls	13	12	15	21	18	15	18	12	21	22	21	17	205
---Smoke, Fires, and Flames	11	4	2	1	1	2	1	1	1	0	1	2	30
---Drownings	0	2	3	1	1	4	5	1	2	1	1	2	23
---Poisonings	29	28	28	32	27	35	32	35	33	38	40	50	407
---Other Accidents	14	22	12	6	19	14	12	10	13	15	6	9	152
Intentional Self-Harm	25	23	21	24	30	30	19	24	23	31	30	32	312
Assault	9	5	7	9	12	3	6	7	9	10	4	13	94
All Other Causes (Residual)	225	202	217	209	179	189	198	196	215	191	216	240	2,477

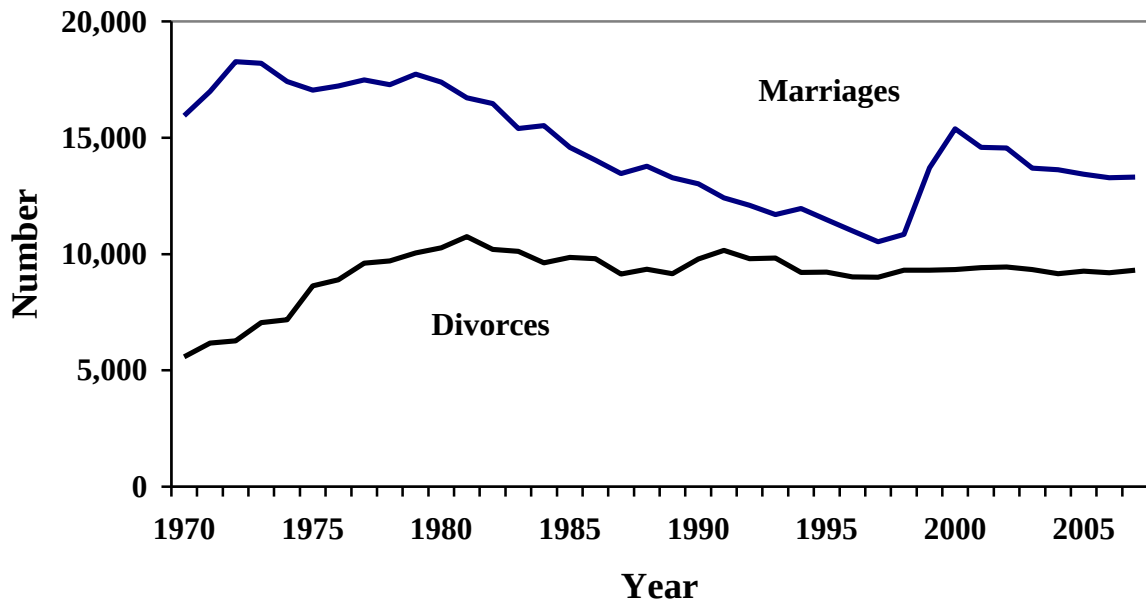
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West Virginia Vital Statistics

Marriages & Divorces

Marriages and Divorces **West Virginia, 1970-2007** **Exhibit 21**

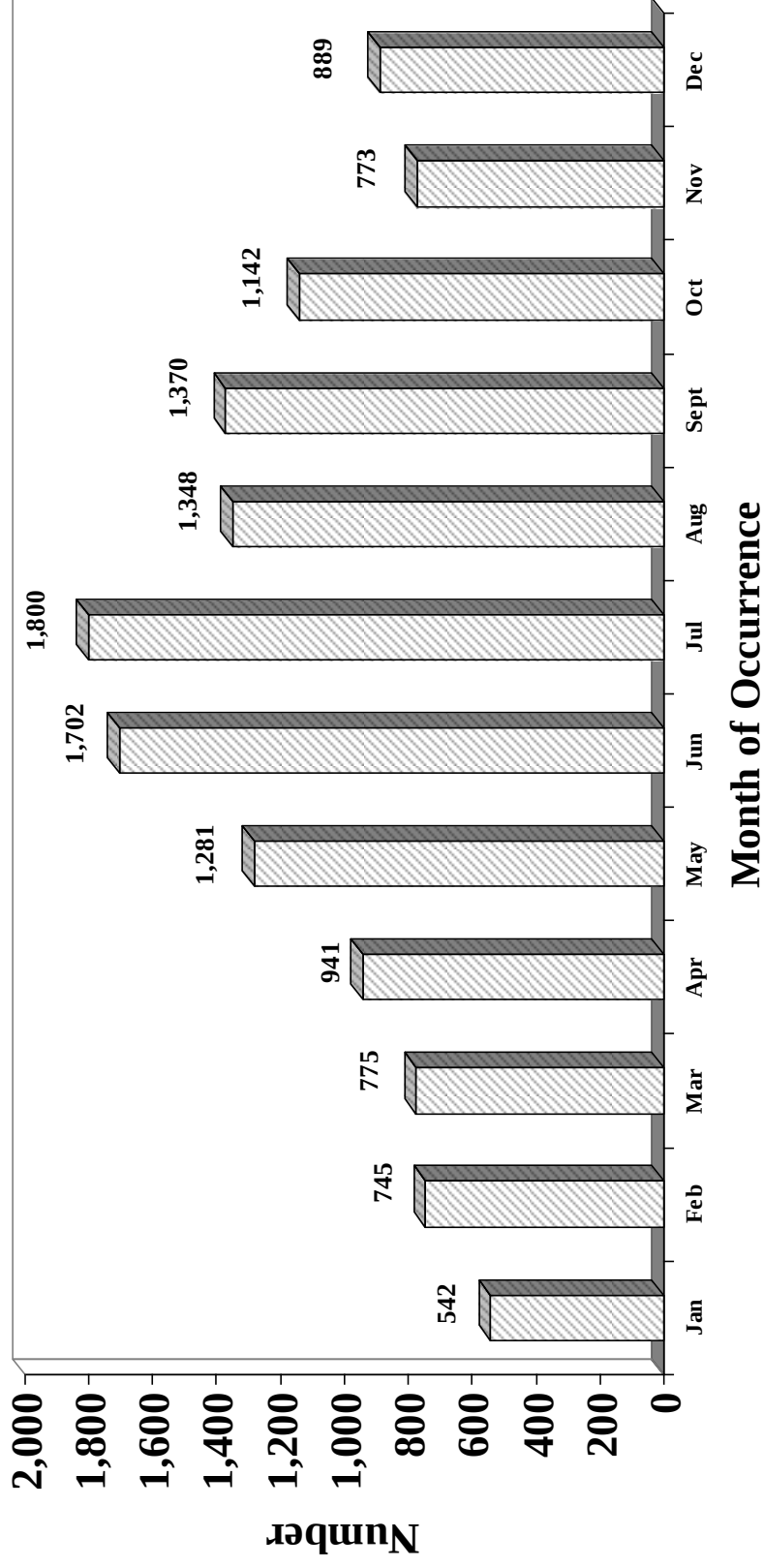


Year	Marriages	Divorces and Annulments
1970	15,948	5,584
1975	17,041	8,632
1980	17,391	10,273
1985	14,580	9,851
1990	13,012	9,783
1995	11,472	9,219
2000	15,375	9,336
2001	14,581	9,421
2002	14,558	9,442
2003	13,697	9,335
2004	13,622	9,149
2005	13,423	9,269
2006	13,276	9,191
2007	13,308	9,305

Marriages by Month of Occurrence
West Virginia, 2007
Table 50

County	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Barbour	3	11	7	5	21	15	18	6	12	9	7	12	126
Berkeley	21	28	33	32	63	78	69	51	64	47	29	29	544
Boone	12	16	11	15	20	28	28	20	16	15	12	16	209
Braxton	4	10	2	10	12	11	14	17	14	8	5	11	118
Brooke	8	7	5	14	17	22	28	9	20	15	12	5	162
Cabell	25	21	49	47	69	82	94	69	57	59	47	44	663
Calhoun	2	8	4	7	6	6	2	9	8	1	3	4	60
Clay	2	4	8	6	8	5	10	9	8	6	6	12	84
Doddridge	0	5	3	0	2	3	8	7	3	6	3	1	41
Fayette	9	19	18	27	33	53	54	44	37	38	23	31	386
Gilmer	2	5	2	3	3	8	11	7	9	5	4	4	63
Grant	3	7	4	4	8	9	13	11	13	5	1	6	84
Greenbrier	6	10	11	18	20	38	36	25	27	21	12	17	241
Hampshire	6	10	5	7	15	18	11	9	16	9	9	5	120
Hancock	6	9	8	14	20	23	30	32	18	20	11	11	202
Hardy	3	3	2	7	7	6	21	3	9	8	5	1	75
Harrison	22	33	27	37	44	72	75	56	59	56	28	30	539
Jackson	13	11	8	12	31	24	27	23	26	18	17	16	226
Jefferson	23	16	16	20	39	39	33	26	36	27	21	20	316
Kanawha	49	73	97	110	127	185	171	118	139	117	76	98	1,360
Lewis	2	13	12	9	16	17	28	21	18	15	8	9	168
Lincoln	5	10	15	9	16	10	20	20	19	8	11	20	163
Logan	17	28	26	17	39	38	32	23	17	1	8	22	268
McDowell	8	16	6	12	16	20	24	22	9	20	18	8	179
Marion	14	15	30	38	43	55	55	45	55	49	25	31	455
Marshall	8	19	9	14	14	29	44	20	26	29	15	16	243
Mason	9	20	11	18	17	25	24	11	20	20	14	16	205
Mercer	15	25	37	38	42	74	76	63	46	40	32	42	530
Mineral	7	10	9	16	14	17	20	14	11	13	9	14	154
Mingo	6	27	18	16	21	26	22	28	26	21	13	17	241
Monongalia	18	19	25	25	54	102	82	71	62	46	31	34	569
Monroe	3	3	2	8	9	6	11	9	11	7	3	2	74
Morgan	6	6	8	9	14	14	17	15	15	11	4	7	126
Nicholas	15	13	19	11	20	30	29	18	21	12	11	14	213
Ohio	13	15	18	31	43	56	55	48	56	37	16	26	414
Pendleton	2	2	2	2	3	8	8	5	7	5	4	5	53
Pleasants	0	3	7	3	8	13	6	4	6	8	6	1	65
Pocahontas	2	1	5	5	7	6	8	7	8	4	2	1	56
Preston	7	14	9	16	19	28	30	17	25	28	10	8	211
Putnam	24	17	18	33	42	47	47	41	29	38	28	20	384
Raleigh	47	41	36	48	53	81	82	70	64	54	48	37	661
Randolph	11	9	8	13	13	8	32	1	25	14	12	13	159
Ritchie	1	4	4	5	11	8	8	7	5	7	7	4	71
Roane	10	12	9	10	14	17	16	11	12	7	9	12	139
Summers	6	1	0	6	2	16	9	8	9	3	2	3	65
Taylor	0	0	3	3	10	9	18	20	8	10	4	7	92
Tucker	2	2	5	2	2	9	9	6	11	5	3	4	60
Tyler	2	4	5	0	2	11	12	7	4	6	0	3	56
Upshur	8	6	17	22	28	23	34	23	20	20	14	13	228
Wayne	9	15	15	15	15	27	31	22	23	15	9	13	209
Webster	1	7	5	3	12	5	13	12	6	5	5	0	74
Wetzel	4	9	12	9	7	12	15	14	10	7	8	11	118
Wirt	3	2	3	2	7	7	2	3	6	6	1	0	42
Wood	30	41	38	53	62	86	109	66	74	67	40	65	731
Wyoming	8	10	9	25	21	37	19	25	15	14	12	18	213
Total	542	745	775	941	1,281	1,702	1,800	1,348	1,370	1,142	773	889	13,308

Marriages by Month of Occurrence West Virginia, 2007 Exhibit 22



**Number of Marriages by County
West Virginia, 2003-2007
Table 51**

County	2003	2004	2005	2006	2007	County	2003	2004	2005	2006	2007
Barbour	105	115	121	104	126	Monongalia	641	632	636	601	569
Berkeley	465	484	556	552	544	Monroe	75	82	90	82	74
Boone	201	241	237	244	209	Morgan	74	105	122	109	126
Braxton	120	118	119	136	118	Nicholas	224	205	224	240	213
Brooke	171	202	154	185	162	Ohio	458	426	404	418	414
Cabell	692	695	704	658	663	Pendleton	44	51	42	52	53
Calhoun	56	70	61	71	60	Pleasants	55	50	80	61	65
Clay	103	77	89	66	84	Pocahontas	77	62	62	66	56
Doddridge	51	54	54	45	41	Preston	233	204	214	217	211
Fayette	408	355	382	408	386	Putnam	390	376	361	361	384
Gilmer	58	56	64	65	63	Raleigh	656	636	651	598	661
Grant	71	80	90	92	84	Randolph	221	232	173	184	159
Greenbrier	244	299	243	243	241	Ritchie	71	83	84	67	71
Hampshire	108	101	115	107	120	Roane	127	115	111	149	139
Hancock	235	241	239	214	202	Summers	84	88	74	106	65
Hardy	75	96	92	83	75	Taylor	99	111	99	87	92
Harrison	476	553	523	491	539	Tucker	79	68	58	55	60
Jackson	233	237	221	199	226	Tyler	69	72	65	60	56
Jefferson	342	313	247	314	316	Upshur	189	175	199	225	228
Kanawha	1,561	1,459	1,438	1,358	1,360	Wayne	208	221	224	208	209
Lewis	118	147	155	145	168	Webster	86	66	90	77	74
Lincoln	177	154	143	175	163	Wetzel	143	136	122	140	118
Logan	364	317	300	348	268	Wirt	37	56	40	47	42
McDowell	204	154	161	176	179	Wood	736	775	734	730	731
Marion	447	457	415	413	455	Wyoming	192	173	180	157	213
Marshall	232	242	261	233	243						
Mason	223	216	184	208	205						
Mercer	465	434	506	432	530	Total	13,697	13,622	13,423	13,276	13,308
Mineral	161	166	153	155	154						
Mingo	263	289	257	259	241						

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Marriages by Age of Bride and Groom **West Virginia, 2007** **Table 52**

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 & Over Years	
10-14 Years	0	0	0	0	0	0	0	0	0	0	0	0
15-19 Years	0	374	650	163	43	11	5	1	0	2	0	1,249
20-24 Years	0	117	1,790	1,278	321	131	34	18	6	1	0	3,696
25-29 Years	0	14	372	1,240	668	275	126	42	24	4	3	2,768
30-34 Years	0	5	89	290	518	388	205	79	32	18	1	1,625
35-39 Years	0	0	23	104	182	352	280	130	51	29	13	1,164
40-44 Years	0	0	10	27	67	151	245	248	125	56	32	961
45-49 Years	0	0	2	6	25	54	122	206	176	96	55	742
50-54 Years	0	0	1	1	10	16	36	90	137	114	100	505
55-59 Years	0	0	2	2	0	1	10	21	35	107	87	265
60 & Over Years	0	0	0	0	0	0	3	7	10	30	283	333
Total	0	510	2,939	3,111	1,834	1,379	1,066	842	596	457	574	13,308

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**Marriages by Previous Marital Status
West Virginia, 2007
Table 53**

Bride	Groom				Total
	Never Married	Widowed	Divorced	Annulled	Not Stated
Never Married	6,204	48	1,455	13	1
Widowed	64	152	269	2	0
Divorced	1,543	228	3,301	9	1
Annulled	5	1	11	1	0
Not Stated	0	0	0	0	0
Total	7,816	429	5,036	25	2
					13,308

**Marriages by Number of Previous Marriages
West Virginia, 2007
Table 54**

Bride	Groom						Total
	Never Married	One Previous Marriage	Two Previous Marriages	Three Previous Marriages	Four or More Previous Marriages	Not Stated	
Never Married	6,204	1,250	218	41	8	0	7,721
One Previous Marriage	1,277	1,734	587	133	35	1	3,767
Two Previous Marriages	264	599	384	76	27	0	1,350
Three Previous Marriages	59	133	98	32	12	0	334
Four or More Previous Marriages	12	41	45	27	11	0	136
Not Stated	0	0	0	0	0	0	0
Total	7,816	3,757	1,332	309	93	1	13,308

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Health Statistics Center, 2009

**Divorces and Annulments by County of Occurrence
West Virginia, 2007
Table 55**

County	Number of Divorces	Number of Annulments	Total	County	Number of Divorces	Number of Annulments	Total
Barbour	63	0	63	Monongalia	213	0	213
Berkeley	348	0	348	Monroe	69	1	70
Boone	145	1	146	Morgan	79	0	79
Braxton	55	0	55	Nicholas	156	1	157
Brooke	97	0	97	Ohio	125	0	125
Cabell	411	1	412	Pendleton	31	0	31
Calhoun	34	0	34	Pleasants	49	0	49
Clay	64	0	64	Pocahontas	36	0	36
Doddridge	51	0	51	Preston	117	0	117
Fayette	304	0	304	Putnam	303	0	303
Gilmer	26	0	26	Raleigh	417	0	417
Grant	61	0	61	Randolph	128	0	128
Greenbrier	156	0	156	Ritchie	50	0	50
Hampshire	93	0	93	Roane	88	0	88
Hancock	130	2	132	Summers	78	0	78
Hardy	84	0	84	Taylor	83	0	83
Harrison	341	0	341	Tucker	27	0	27
Jackson	149	1	150	Tyler	54	0	54
Jefferson	220	1	221	Upshur	127	0	127
Kanawha	1,118	4	1,122	Wayne	287	1	288
Lewis	107	1	108	Webster	59	0	59
Lincoln	116	0	116	Wetzel	108	1	109
Logan	210	0	210	Wirt	30	0	30
McDowell	188	1	189	Wood	462	0	462
Marion	244	2	246	Wyoming	154	0	154
Marshall	203	0	203				
Mason	166	1	167				
Mercer	416	0	416	Total	9,286	19	9,305
Mineral	143	0	143				
Mingo	213	0	213				

West Virginia Bureau for Public Health
Health Statistics Center, 2009

**Divorces and Annulments by County of Occurrence
West Virginia, 2003-2007
Table 56**

County	2003	2004	2005	2006	2007	County	2003	2004	2005	2006	2007
Barbour	58	66	77	65	63	Monongalia	243	265	293	240	213
Berkeley	409	489	476	458	348	Monroe	92	81	93	69	70
Boone	148	161	181	148	146	Morgan	68	79	76	79	79
Braxton	64	81	87	75	55	Nicholas	148	162	194	149	157
Brooke	98	75	108	107	97	Ohio	118	53	140	129	125
Cabell	546	478	515	460	412	Pendleton	50	27	27	32	31
Calhoun	49	35	46	57	34	Pleasants	45	36	31	39	49
Clay	81	62	69	59	64	Pocahontas	53	49	54	44	36
Doddridge	34	37	26	41	51	Preston	134	149	125	137	117
Fayette	270	250	286	227	304	Putnam	319	373	300	253	303
Gilmer	36	33	27	30	26	Raleigh	439	431	428	414	417
Grant	51	67	60	71	61	Randolph	128	158	141	134	128
Greenbrier	222	215	144	207	156	Ritchie	65	56	66	45	50
Hampshire	99	110	104	98	93	Roane	101	99	97	87	88
Hancock	160	127	114	126	132	Summers	72	73	69	75	78
Hardy	73	64	73	77	84	Taylor	102	78	72	95	83
Harrison	281	292	294	277	341	Tucker	34	43	41	35	27
Jackson	122	173	167	157	150	Tyler	58	35	49	52	54
Jefferson	191	205	231	216	221	Upshur	137	123	138	131	127
Kanawha	888	801	913	965	1,122	Wayne	309	328	278	304	288
Lewis	115	78	99	105	108	Webster	69	31	74	61	59
Lincoln	135	122	121	128	116	Wetzel	110	76	75	89	109
Logan	198	252	183	234	210	Wirt	39	46	26	37	30
McDowell	145	119	121	167	189	Wood	488	475	484	471	462
Marion	231	254	225	280	246	Wyoming	148	133	160	155	154
Marshall	151	157	139	159	203						
Mason	155	166	158	126	167						
Mercer	374	389	345	408	416	Total	9,335	9,149	9,269	9,191	9,305
Mineral	135	132	105	92	143						
Mingo	247	200	244	215	213						

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Divorces and Annulments by Age of Husband and Wife
West Virginia, 2007
Table 57

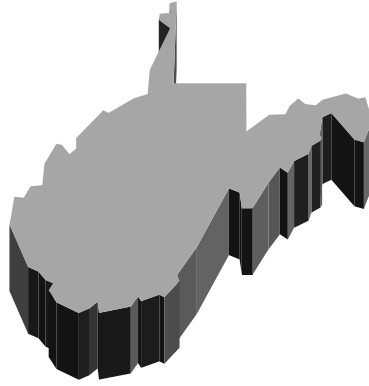
Age of Wife	Age of Husband												Total
	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60 & Over Years	Un- known	
10-14 Years	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19 Years	0	28	92	20	5	4	2	0	1	0	0	2	154
20-24 Years	0	15	392	441	119	50	17	7	2	2	2	10	1,057
25-29 Years	0	3	82	713	496	196	71	26	10	4	3	13	1,617
30-34 Years	0	3	25	159	592	448	161	76	19	9	7	15	1,514
35-39 Years	0	0	7	53	176	529	413	159	46	24	16	14	1,437
40-44 Years	0	1	3	24	63	176	435	315	108	41	37	9	1,212
45-49 Years	0	0	2	8	16	51	135	332	225	73	47	10	899
50-54 Years	0	0	0	2	6	16	35	73	215	104	60	5	516
55-59 Years	0	0	0	2	0	2	7	22	58	101	85	3	280
60 & Over Years	0	0	1	0	0	3	2	11	16	32	144	3	212
Unknown	0	0	7	27	24	32	24	19	13	8	13	240	407
Total	0	50	611	1,449	1,497	1,507	1,302	1,040	713	398	414	324	9,305

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Divorces and Annulments by Duration of Marriage and Number of Children
West Virginia, 2007
Table 58

Duration of Marriage In Years	Number of Children Reported Under 18 Years of Age										Total
	None	One	Two	Three	Four	Five	Six	Seven	Eight or More	Un-known	
Under 1	373	42	18	4	1	0	0	0	0	0	438
1 to 5	2,205	858	377	51	7	3	0	0	0	0	3,501
6 to 10	871	582	548	189	14	5	0	0	0	0	2,209
11 to 15	427	251	374	120	23	3	1	0	0	0	1,199
16 to 20	254	224	251	91	21	4	1	0	0	0	846
21 to 25	237	163	77	17	5	0	0	0	0	0	499
26 to 30	226	36	18	5	3	0	0	0	0	0	288
31 to 35	135	18	5	0	0	0	0	0	0	0	158
36 to 40	75	0	0	0	0	0	0	0	0	0	75
41 to 45	17	2	0	0	0	0	0	0	0	0	19
46 to 50	15	0	0	0	0	0	0	0	0	0	15
51 to 55	2	0	0	0	0	0	0	0	0	0	2
56 to 60	1	0	0	0	0	0	0	0	0	0	1
Over 60	0	0	0	0	0	0	0	0	0	0	0
Unknown	29	14	5	7	0	0	0	0	0	0	55
Total	4,867	2,190	1,673	484	74	15	2	0	0	0	9,305

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Health Statistics Center, 2009



West Virginia Vital Statistics

**Induced Termination of
Pregnancy (ITOP)**

**Induced Terminations of Pregnancy
By Age of Female and Weeks of Gestation
West Virginia Occurrence, 2007
Table 59**

Age of Female	Weeks of Gestation						
	Less than 9	9-10	11-12	13-15	16-19	20 or more	Total
10-14	6	3	2	0	1	0	12
15-17	42	33	16	13	6	0	110
18-19	99	35	30	15	8	3	190
20-24	315	155	98	38	16	4	626
25-29	222	107	72	35	18	1	455
30-34	146	59	30	16	10	5	266
35-39	78	36	16	8	7	0	145
40-44	22	7	2	2	1	0	34
45+	2	1	0	0	0	0	3
Unknown	2	2	2	0	2	0	8
Total	934	438	268	127	69	13	1,849

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.
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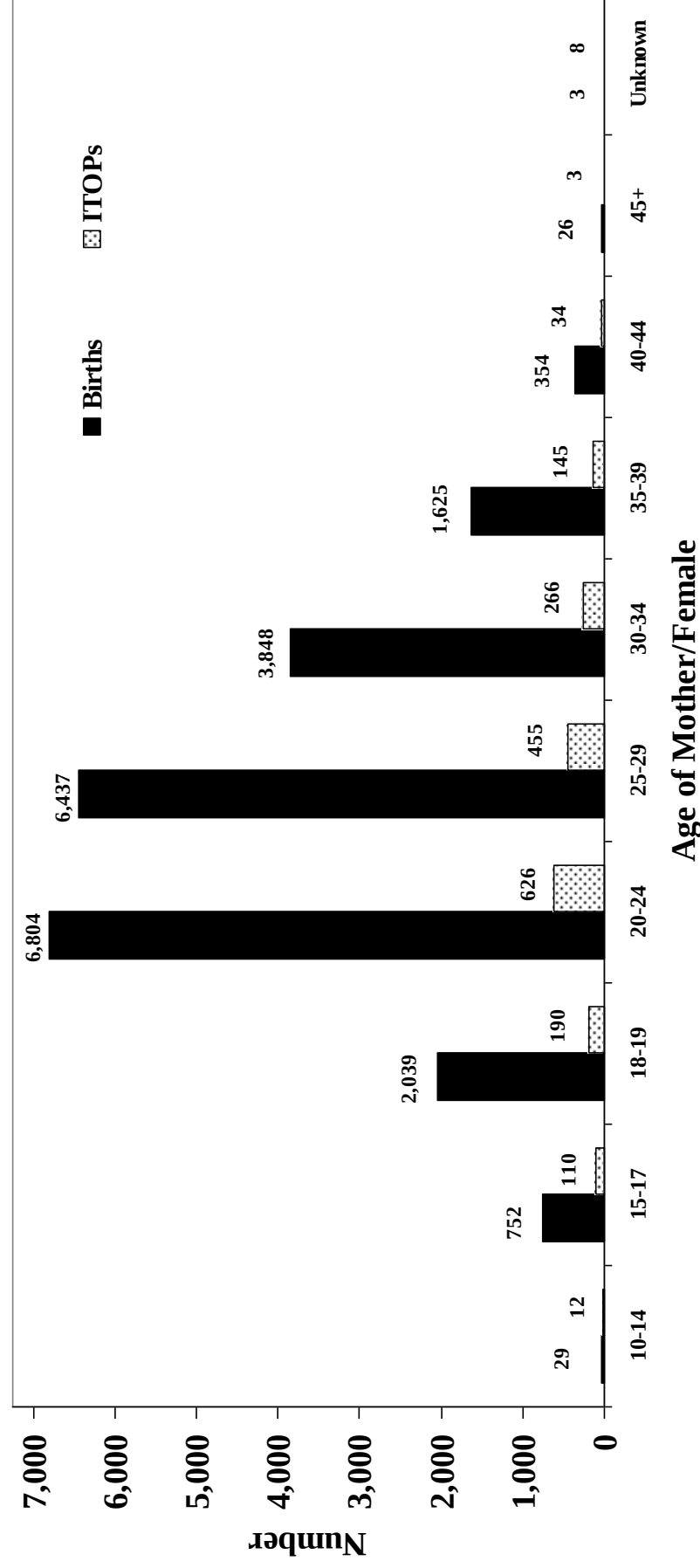
**Induced Termination of Pregnancy
By Age of Female and Marital Status
West Virginia Occurrence, 2007
Table 60**

Age of Female	Marital Status					
	Married	Never Married	Divorced	Separated	Widowed	Unknown
10-14	0	12	0	0	0	0
15-17	2	108	0	0	0	0
18-19	4	180	2	1	0	3
20-24	53	538	9	6	0	20
25-29	88	348	12	1	0	6
30-34	54	182	17	7	0	6
35-39	37	87	13	5	1	2
40-44	12	19	2	1	0	0
45+	1	2	0	0	0	0
Unknown	1	7	0	0	0	0
Total	252	1,483	55	21	1	37
Total						1,849

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Live Births Compared to Induced Terminations of Pregnancy (ITOPs) by Age of Female West Virginia Occurrence, 2007

Exhibit 23



Note: Occurrence data only

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**Induced Termination of Pregnancy
By Age of Female and Previous Live Births
West Virginia Occurrence, 2007
Table 61**

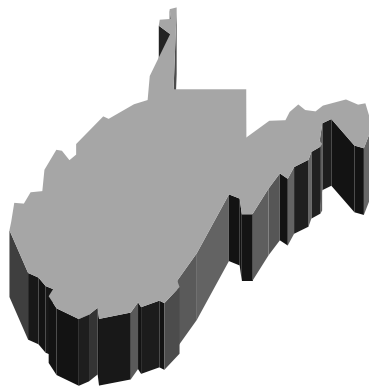
Age of Female	Previous Live Births					
	No Births	One	Two	Three	Four or More Births	Unknown
10-14	12	0	0	0	0	0
15-17	104	6	0	0	0	0
18-19	140	43	4	3	0	0
20-24	230	260	106	25	5	0
25-29	92	162	137	53	11	0
30-34	37	90	87	36	16	0
35-39	26	50	45	18	6	0
40-44	4	13	12	4	1	0
45+	0	0	1	0	2	0
Unknown	3	1	3	0	1	0
Total	648	625	395	139	42	0
						1,849

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Health Statistics Center, 2009

**Induced Termination of Pregnancy
By Age of Female and Number of Previous Induced Terminations
West Virginia Occurrence, 2007
Table 62**

Age of Female	Previous Induced Terminations					
	None	One	Two	Three	Four or More	Total
10-14	12	0	0	0	0	12
15-17	109	1	0	0	0	110
18-19	174	13	3	0	0	190
20-24	402	169	38	11	6	626
25-29	240	135	47	22	11	455
30-34	139	81	31	5	10	266
35-39	79	37	21	5	3	145
40-44	15	12	6	1	0	34
45+	3	0	0	0	0	3
Unknown	2	4	2	0	0	8
Total	1,175	452	148	44	30	1,849

West Virginia Bureau for Public Health
Health Statistics Center, 2009



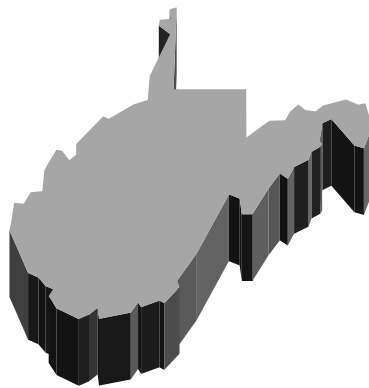
West Virginia Vital Statistics

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
F00-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
J10-J18	Influenza and Pneumonia
J10-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 Anomalies (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)
	All Other Causes (Residual)



West Virginia Vital Statistics

Appendix B:
Methodology,
Rates/Ratios,
and Definitions

METHODOLOGY

Data used to prepare this report are taken from birth and death certificates, fetal death reports, marriage applications, divorce reports, ITOP, and paternity affidavits occurring in calendar year 2007 and filed in the office of the West Virginia Registrar of Vital Statistics prior to February 18, 2009. Vital events occurring to West Virginia residents in other states and recorded in the office of the registrar by June 1 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, Lewis County reported 307 births as occurring within the confines of the county. However, resident births for the county for 2007 totaled 233. With the exception of Tables 6, 13, 21, and 22 (and Exhibit 11), natality data presented in this report are based on county of residence, and county resident populations are used to calculate rates.

With the exception of Table 26, mortality data are similarly reported by county of residence.

Statistical Variation

All statistics contain variations that are the result of chance. This characteristic is of particular importance in classifications of events with small numbers, where 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 39 presents the number of infant deaths broken down by the race of mother while the table on page 6 in the summary has the number of infant deaths broken down 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.

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. Thus, a death from a gunshot wound would be coded using an external code, while a death due to cancer would not have an external code.

In several tables individual causes of death have been grouped into important selected causes of death. See Appendix A, Page 169 “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 2007 estimated population 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/states/NST-ann-est2007.html> (followed by the spreadsheet - NST-EST2007-01.xls).

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
Office of Epidemiology and Health Promotion
350 Capitol Street, Room 165
Charleston, WV 25301
Telephone: (304) 558-9100
FAX: (304) 558-1787

E-Mail: vitalreg@wvdhhr.org

RATES AND RATIOS

The impact of chance 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. Regional and state rates, with larger frequencies, provide more accurate data overall.

Rates used in this report are calculated with the 2007 estimated population figures from the U.S. Department of Commerce, Bureau of the Census.

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

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

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

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

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

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

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

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

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

DEFINITIONS

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.

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

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

CAUSE OF DEATH - The underlying cause of death, or that 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, having passed through at least the 20th week of gestation.

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 - Death occurring to an individual of less than one year of age.

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

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

MATERNAL DEATH – 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.

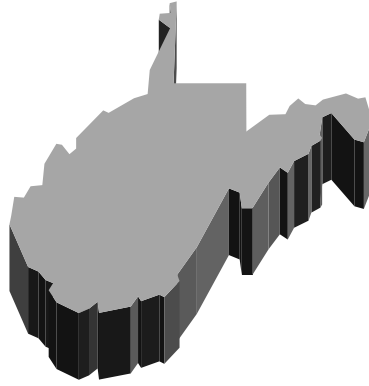
OCCURRENCE DATA - Vital statistics compiled on the basis of where the vital event actually occurred.

PATERNITY AFFIDAVIT- A legal document signed by both parents stating who is the father of the child. Only unmarried mothers are permitted to do this.

DEFINITIONS (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 – Any person under the age of 18 years old who has never married or been emancipated from his or her own parents by some other process of law. A female under age 18 who has graduated from high school is considered emancipated for the purposes of parental notification on the performance of an induced termination of pregnancy.



West Virginia Vital Statistics

Appendix C:

Grams Conversion

Appendix C

Grams Conversion Table

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