

West Virginia Vital Statistics 2005



May 2007



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350 Capitol Street, Room 165
Charleston, WV 25301*

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

FIFTY-NINTH ANNUAL REPORT
VITAL HEALTH STATISTICS
OF
WEST VIRGINIA
2005



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WEST VIRGINIA VITAL STATISTICS SUMMARY 2005

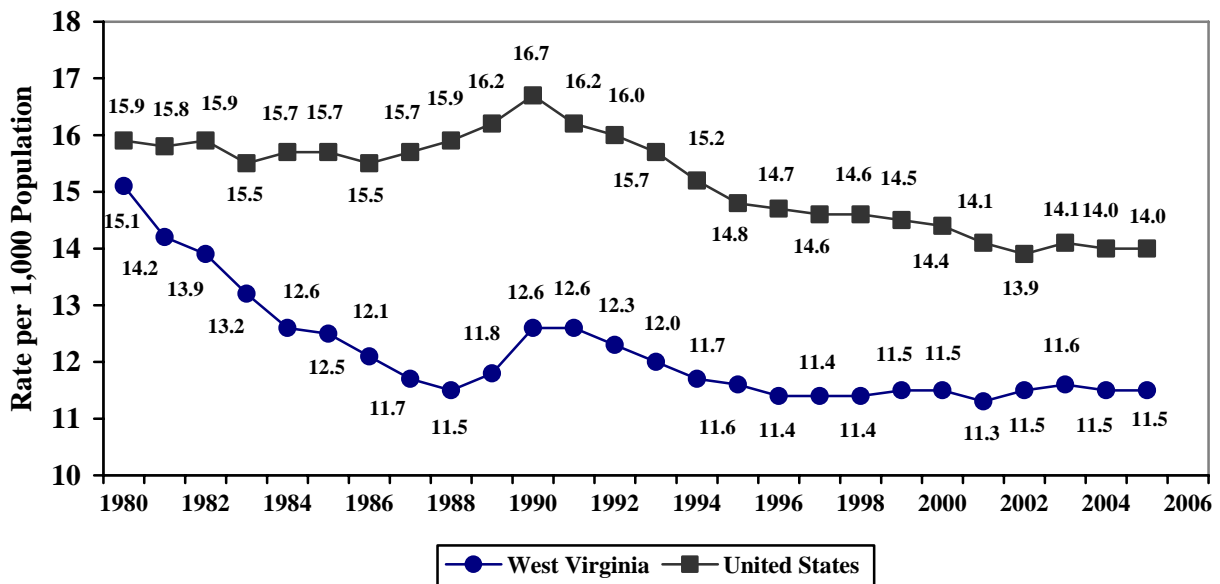
Population

In 2005, 61 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 0.03 persons per 1,000 population. Results from the 2005 Census estimate show an overall increase (approximately 0.5%) in the state's population since 2000, from 1,808,344 to 1,816,856. 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 resident live births decreased by 77, from 20,911 in 2004 to 20,834 in 2005. The 2005 birth rate of 11.5 per 1,000 population was the same as the 2004 rate. The U.S. 2005 birth rate was 14.0 live births per 1,000 population and was unchanged from 2004. 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 has remained relatively stable since 1996.

**West Virginia and United States Birth Rates
1980-2005**



The 2005 U.S. fertility rate of 66.7 live births per 1,000 women aged 15-44 was 0.6% higher than the 2004 rate (66.3). West Virginia's fertility rate increased 0.7%, from 58.4 in 2004 to 58.8 in 2005. 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, 2005					
15-19		20-44		Total (15-44)	
WV	U.S.**	WV	U.S.**	WV	U.S.**
43.4	40.4	61.6	71.6	58.8	66.7

* All fertility rates were calculated using 2005 estimates, U.S. Department of Commerce, Bureau of the Census.

**National Center for Health Statistics,

<http://www.cdc.gov/nchs/products/pubs/pubd/hestats/prelimbirths05/prelimbirths05.htm>

The fertility rate among women aged 15-19 in West Virginia was 7.4% higher than that among young women in the U.S. (43.4 vs. 40.4). The fertility rate among women aged 20-44 was lower by 14.0% in the state than in the nation (61.6 vs. 71.6).

The number of births to teenage mothers decreased by 17 (0.7%), from 2,489 in 2004 to 2,472 in 2005. The percentage of total births represented by teenage births was unchanged at 11.9% in 2004 and 2005. 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 (10.2% in 2005).

The percentage of births occurring out of wedlock continued to rise in 2005. Again, over one out of every three (36.4%) West Virginia resident births were to unwed mothers. The percentages of white and black births that occurred out of wedlock in West Virginia in 2005 were 35.2% and 75.5%, respectively, compared to 33.4% and 76.9% in 2004. In the United States in 2005, 25.4% of white births (non-Hispanic) and 69.5% 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 76.5% in 2004 to 77.1% in 2005.

There was a total of 1,984 low birthweight babies (those weighing less than 2,500 grams or 5½ pounds) born to West Virginia residents in 2005, 9.5% of all births. Of the 1,984 low

birthweight infants, 1,386 or 69.9% were preterm babies born before 37 weeks of gestation. (Of all 2005 resident births with a known gestational age, 12.5% were preterm babies.) Of the births with known birthweight, 9.4% of babies born to white mothers and 13.2% of babies born to black mothers were low birthweight. Nationally, 8.2% of all infants weighed less than 2,500 grams at birth in 2005; 7.3% of white infants and 14.0% of black infants were of low birthweight.

Eighty-four percent (84.5%) of 2005 West Virginia mothers with known prenatal care began their care during the first trimester of pregnancy, compared with 83.9% of mothers nationwide in 2004 (the latest data available). Among those with known prenatal care, 85.0% of white mothers began care during the first trimester; 72.2% of black mothers did so. (U.S. figures show that 88.9% of white mothers and 76.5% of black mothers had first trimester care.) No prenatal care was received by 0.7% of white mothers and by 1.4% of black mothers.

Over one-fourth (26.4%) of the 20,834 births in 2005 were to mothers who smoked during their pregnancies, while 0.4% of births were to women who used alcohol. National figures from 2004 show that 10.2% of women giving birth reported smoking during pregnancy and 0.8% used alcohol. Among the state mothers who reported smoking during pregnancy, 15.0% of the babies born were low birthweight, compared with 7.5% among non-smoking mothers. U.S. statistics from 2002 indicate that 12.2% of births to smoking mothers were low birthweight compared with 7.5% among non-smoking mothers. Over one-third (34.1%) of 2005 state births were delivered by Cesarean section, compared with a 2004 national rate of 29.1%. One or more complications of labor and/or delivery were reported for 32.9% of deliveries in the state in 2005.

Deaths

The number of West Virginia resident deaths decreased by three, from 20,776 in 2004 to 20,773 in 2005. The state's crude death rate was unchanged from 2004 at 11.4 per 1,000 population in 2005. The average age at death for West Virginians was 72.4 (68.9 for men and 75.8 for women), slightly lower than the 2004 average of 72.5 (69.0 for men and 75.9 for women). One hundred and forty-five West Virginia residents who died in 2005 were age 100 or older. The oldest woman was 108 years old at the time of death, while the oldest man was 105 years old.

Heart disease, cancer, and chronic lower respiratory diseases, the three leading causes of death, accounted for 55.3% of West Virginia resident deaths in 2005. Compared with 2004, the number of state deaths due to heart disease decreased 2.2% while cancer deaths decreased 1.6%. Deaths due to chronic lower respiratory diseases, which surpassed stroke for the fifth time in the past six years, increased 9.4%, while stroke mortality decreased 0.6%. Diabetes mellitus deaths decreased 10.6%, while the number of reported deaths due to pneumonia and influenza decreased 1.0% from 2004 to 2005. Alzheimer's disease, now the seventh leading cause of death in the Mountain State for the third year in a row, increased by 23 deaths or 4.5%. Accident

mortality dropped only by six (0.5%), from 1,104 in 2004 to 1,098 in 2005. Motor vehicle accident deaths continued to number fewer than the 435 deaths in 1993, the year the West Virginia seatbelt law took effect; they decreased by 17 (4.2%), from 408 in 2004 to 391 in 2005. Accidental poisoning deaths have been on the rise in West Virginia for the past five years, from 58 in 2000 to 127 in 2001, 156 in 2002, 252 in 2003, 306 in 2004, and 336 in 2005. The vast majority of these deaths were due to both legal and illicit ingestion of prescription over the counter pharmaceuticals.

Accidents were the leading cause of death for ages one through 44 years. Even with the precipitous drop in motor vehicle accident deaths between 1993 and 1994, such fatalities remained the single leading cause of death for young adults aged 15 through 34, accounting for 27.4% of all deaths for this age group in 2005, compared with 26.0% in 2004. West Virginia's 2005 motor vehicle fatalities included three children under five years of age, compared with five in 2004. Accidental poisoning accounted for 22.3% of all deaths in the age group of 15-34.

Suicides decreased by nine (281 to 272, or 3.2%) between 2004 and 2005. Male suicides decreased by 11 or 4.7 %, from 235 in 2004 to 224 in 2005; the number of female suicides (48) increased by two or 4.3% from 2004. Over seventy percent (71.7%) of all suicide deaths were firearm related — 76.3% of male suicides and 50.0% of female suicides. The average age of death for a suicide victim in 2005 was 48.9 years. While suicide was the 11th leading cause of death overall, it was the third leading cause of death for ages 15-34. The number of suicides among persons aged 19 and under was 16 in 2005.

Homicides increased by 19, from 79 in 2004 to 98 in 2005. Sixty-five (65) of the homicide victims were male, 33 were female. The average age at death for a homicide victim in 2005 was 34.4 years. There were six homicide victims under the age of five in 2005, compared with two in 2004. Nearly sixty percent (59.2%) of 2005 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 slightly, by 1.7%, from 160,916 YPLL in 2004 to 163,704 in 2005. The four leading causes of YPLL in 2005 were malignant neoplasms (35,854 YPLL), diseases of the heart (26,220 YPLL), non-motor vehicle accidents (17,735 YPLL), and motor vehicle accidents (12,938 YPLL). Combined, these four causes accounted for over half (56.7%) of all years of potential life lost in 2005. In comparison to 2004, YPLL attributable to malignant neoplasms increased from 21.5% to 21.9%. YPLL due to diseases of the heart increased from 15.3% to 16.0% of the total, and YPLL due to non-motor vehicle accidents

increased from 10.3% to 10.8%. The percentage of total YPLL due to motor vehicle crashes decreased, from 8.5% to 7.9%.

Infant Deaths

Deaths of infants under one year of age rose by 10, from 158 in 2004 to 168 in 2005. West Virginia’s infant mortality rate also increased, from 7.6 per 1,000 live births in 2004 to 8.1 in 2005. The U.S. infant mortality was 6.8 in 2004 (the latest data available).

The following table shows the decline in the national and state infant mortality rates from 1950 through 2005.

**1950 – 2005 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	

The state’s 2005 white infant mortality rate increased 6.8%, from 7.4 in 2004 to 7.9, while the rate for black infants increased 4.6%, from 15.1 to 15.8 (see Statistical Variation on page 9). West Virginia’s 2005 race-specific infant mortality rates and comparable 2004 U.S. rates are shown in the table on the following page.

**2005 West Virginia and 2004 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	168	8.1	27,835	6.8
White	157	7.9	18,243	5.7
Black	11	15.8	8,347	13.5
Other	0	0.0	1,245	4.6

Approximately one in four (24.4%) infant deaths in 2005 was due to SIDS (sudden infant death syndrome). Close to twenty percent (19.6%) were the result of congenital malformations, while 45.2% were due to certain conditions originating in the perinatal period, including disorders relating to short gestation and unspecified low birthweight (10.7%).

Neonatal/Postneonatal Deaths

The number of neonatal deaths rose by five, from 101 in 2004 to 106 in 2005; the neonatal death rate also increased, from 4.8 deaths among infants under 28 days per 1,000 live births in 2004 to 5.1 in 2005. Neonatal deaths comprised 63.1% of all West Virginia resident infant deaths in 2005, compared with 63.9% in 2004. The rate of postneonatal deaths increased from 2.8 deaths per 1,000 neonatal survivors in 2004 to 3.0 in 2005. The 2004 U.S. neonatal death rate was 4.5, while the postneonatal rate was 2.3 deaths per 1,000 neonatal survivors. U.S. neonatal and postneonatal data for 2005 were not available at the time of this publication.

Fetal Deaths

The 115 resident fetal deaths occurring after 20 or more weeks of gestation reported in 2005 were 20 fewer than in 2004 (135). The fetal death ratio also decreased, from 6.5 deaths per 1,000 live births in 2004 to 5.5 in 2005. The majority (90.4%) of fetal deaths were due to conditions originating in the perinatal period, including complications of placenta, cord, and membrane (33.0%), maternal conditions (4.3%), maternal complications (13.0%), short gestation and low birthweight (7.8%), and other ill-defined perinatal conditions (24.3%). Congenital malformations accounted for 9.6% of all fetal deaths.

Marriages

For the fifth year in a row and following a dramatic increase due to the passage of a new law that became effective June 2, 1999*, the number of marriages in West Virginia decreased from 13,622 in 2004 to 13,423 in 2005. The marriage rate in 2005 was 7.4 per 1,000 population, down from 7.5 in 2004. The 2005 U.S. provisional rate was 7.5.

For all marriages in 2005, the median age was 26 for brides and 29 for grooms. For first marriages, the median age for brides was 23; for grooms it was 25. The mode (most frequently reported age) for all marriages was 22 for brides and 25 for grooms, while for first marriages the mode was 22 for both brides and grooms.

Divorces and Annulments

The number of divorces increased by 120 or 1.3%, from 9,149 in 2004 to 9,269 in 2005. The 2005 rate of 5.1 per 1,000 population was up slightly from the 2004 rate of 5.0.

Of the 9,269 divorces in West Virginia in 2005, the median duration of marriage was six years. Over half (53.6%) of the divorces involved no children under 18 years of age in the family, while one child was involved in 23.4% of all divorces and two children were involved in 16.7%. Seven divorces involved six 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 new law removed the three-day waiting period for persons aged 18 and older as well as the requirement for a blood test for syphilis.

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 2005, there were 1,674 ITOPs performed in West Virginia, 13.9% fewer than in 2004 (1,945). Six out of every seven (86.6%) 2005 ITOPs involved a West Virginia resident, while 7.0% were Ohio residents and 5.6% were residents of Kentucky, compared with 2004 percentages of 90.2%, 4.9%, and 3.8%, respectively. The median age of women having an ITOP in both 2004 and 2005 was 24. There were 105 procedures in 2005 involving females under the age of 18, of which 96 were to unemancipated minors (see Definitions), compared with 111 in 2004, of which 102 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 21,150 babies born in West Virginia during 2005 (see differences between residence and occurrence in Methodology). Of those, 7,964 or 37.7% were born to unmarried mothers, compared with 35.7% in 2004. A father was established through a paternity affidavit in 5,199 or 65.3% of the unmarried births (24.6% of all occurrence births) in 2005, compared with 62.2% of unmarried births or 22.2% of all births in 2004.

Summary

The number of West Virginia resident births decreased by 77 from 20,911 in 2004 to 20,834 in 2005. West Virginia resident deaths only decreased by three (20,776 in 2004 to 20,773) in 2005. The number of infant deaths increased by 10, from 158 in 2004 to 168 in 2005. Fetal deaths of 20 or more weeks gestation dropped from 135 in 2004 to 115 in 2005. Marriages decreased for the fifth time in seven years, from 13,622 in 2004 to 13,423 in 2005, while divorces increased from 9,149 in 2004 to 9,269 in 2005. Abortions in West Virginia dropped from 1,945 in 2004 to 1,674 in 2005. A father was established through a paternity affidavit in 5,199 (or 24.6%) of the births occurring in West Virginia.

This is the first 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.

METHODOLOGY

Data used to prepare this report are taken from birth and death certificates, fetal death reports, marriage applications, and divorce reports occurring in calendar year 2005 and filed in the office of the West Virginia Registrar of Vital Statistics prior to December 5, 2006. 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, Logan County reported 480 deaths as occurring within the confines of the county. However, resident deaths for the county for 2005 totaled 526. With the exception of Table 26, the mortality 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 6, birth 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 B, “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 2005 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/asrh/files/SC_EST2005_AGESEX_RES.csv.

Forms

The following is a list of the certificates and forms used in obtaining the data used in this publication. A sample copy of each can be found in Appendix A.

- 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)

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@bph.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 2005 estimated population figures from the U.S. Department of Commerce, Bureau of the Census.

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

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

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

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

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

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

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

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

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

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.

2005 West Virginia and United States Vital Statistics Review

	West Virginia		United States***	
	Number	Rate*	Number	Rate*
Live Births	20,834	11.5	4,140,419	14.0
Deaths	20,773	11.4	2,397,615 (2004)	8.1
Fetal Deaths	115	**5.5	N/A	N/A
Neonatal Deaths	106	**5.1	18,532 (2004)	**4.5
Infant Deaths	168	**8.1	27,835 (2004)	**6.7
Marriages	13,423	7.4	2,230,000	7.5
Divorces & Annulments	9,269	5.1	N/A	N/A
Natural Increase	61	0.03	1,742,804	5.9
Population (2005 Estimate)	1,816,856		296,507,061	

*Rates based on 2005 Bureau of the Census population estimates. Website address

http://www.census.gov/popest/states/asrh/files/SC_EST2005_AGESEX_RES.csv

**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/hestat/prelimbirths05_tables.pdf#1; (Deaths) *National Vital Statistics Report*. Website address

http://www.cdc.gov/nchs/products/pubs/pubd/hestats/finaldeaths04/finaldeaths04_tables.pdf#1; (Marriages) *National Vital Statistics Report*. Vol. 54, No. 20, DHHS Pub. No. (PHS) 2006-1120, July 21, 2006;

West Virginia Bureau for Public Health
Health Statistics Center, 2007

Selected Records and Trivia West Virginia, 2005

Nativity

Oldest Father: 74
 Youngest Father: 15
 Oldest Mother: 48
 Youngest Mother: 12
 Highest Live Birth Order: 14th Delivery – 13 siblings (brothers and sisters)
 Day Most Births Occurred: August 3 (96)
 Day Fewest Births Occurred: July 3 (21)
 Number of Live Born Twins: 533
 Number of Live Born Triplets: 37
 Number of Live Born Quintuplets: 1

Most Popular Names for Babies

<u>Boys' Names</u>	<u>Number</u>	<u>Girls' Names</u>	<u>Number</u>
Jacob	230	Emily	197
Ethan	175	Madison	196
Hunter	142	Emma	157
James	135	Hannah	136
Andrew	132	Olivia	129
Logan	132	Abigail	126
Matthew	129	Alexis	121
Tyler	123	Chloe	89
William	123	Isabella	78
Michael	121	Morgan	75

Mortality

Oldest Male Decedent: 105
 Oldest Female Decedent: 108
 Number of Male Decedents 100 Yrs. & Older: 35
 Number of Female Decedents 100 Yrs. & Older: 110
 Day Most Deaths Occurred: March 26 (83)
 Day Fewest Deaths Occurred: July 19 (32)

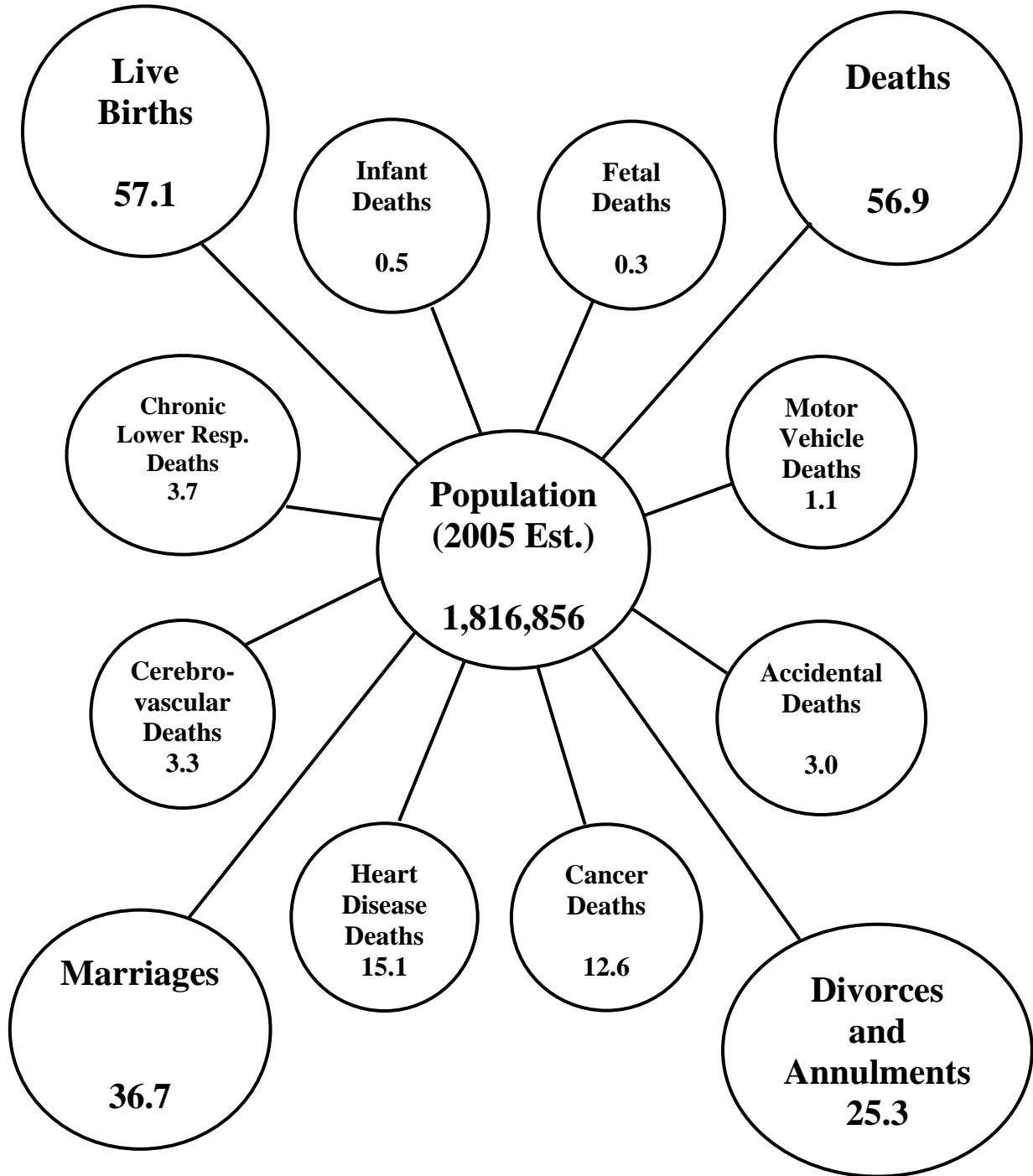
Marriage

Oldest Groom: 91
 Youngest Groom: 16
 Oldest Bride: 90
 Youngest Bride: 14
 Largest Age Difference with Bride Older: 34 Years
 Largest Age Difference with Groom Older: 54 Years

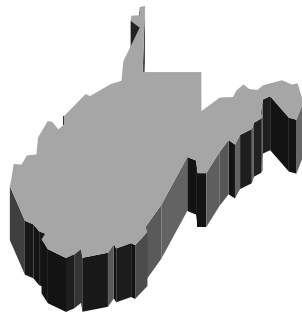
Divorce

Oldest Male Divorcé: 91
 Youngest Male Divorcé: 16
 Oldest Female Divorcée: 91
 Youngest Female Divorcée: 16
 Marriage of Longest Duration Ending in Divorce: 59 Years

**Average Day Statistics
West Virginia, 2005**

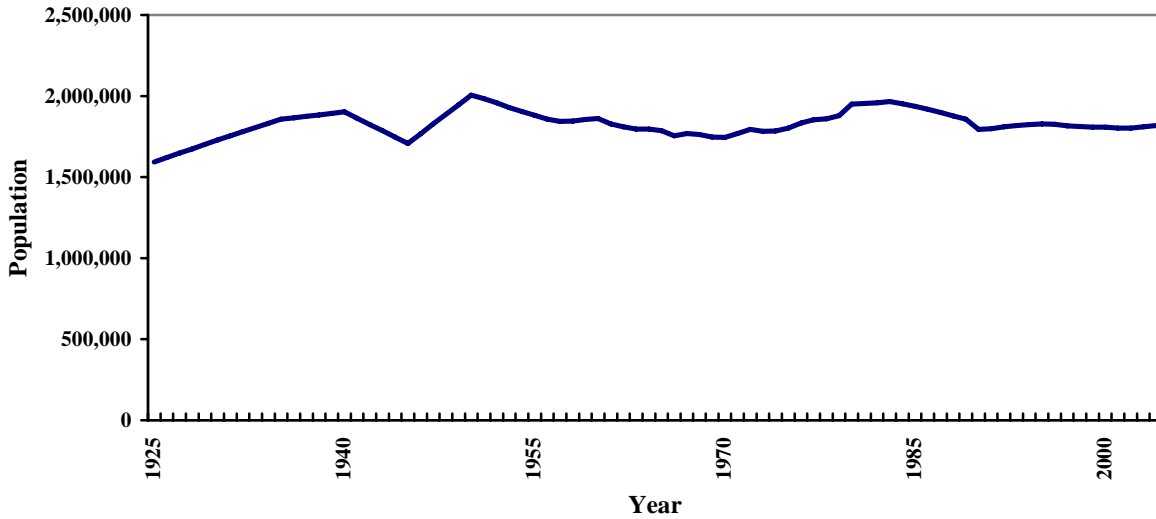


West Virginia Bureau for Public Health
Health Statistics Center, 2007



West Virginia Vital Statistics
Population

West Virginia Population, 1925-2005
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
2001*	1,801,916	2000 to 2001	-0.4
2002*	1,801,873	2001 to 2002	0.0
2003*	1,810,354	2002 to 2003	+0.5
2004*	1,815,354	2003 to 2004	+0.3
2005*	1,816,856	2004 to 2005	+0.1

West Virginia Bureau for Public Health
Health Statistics Center, 2007

*Population Estimates
www.census.gov

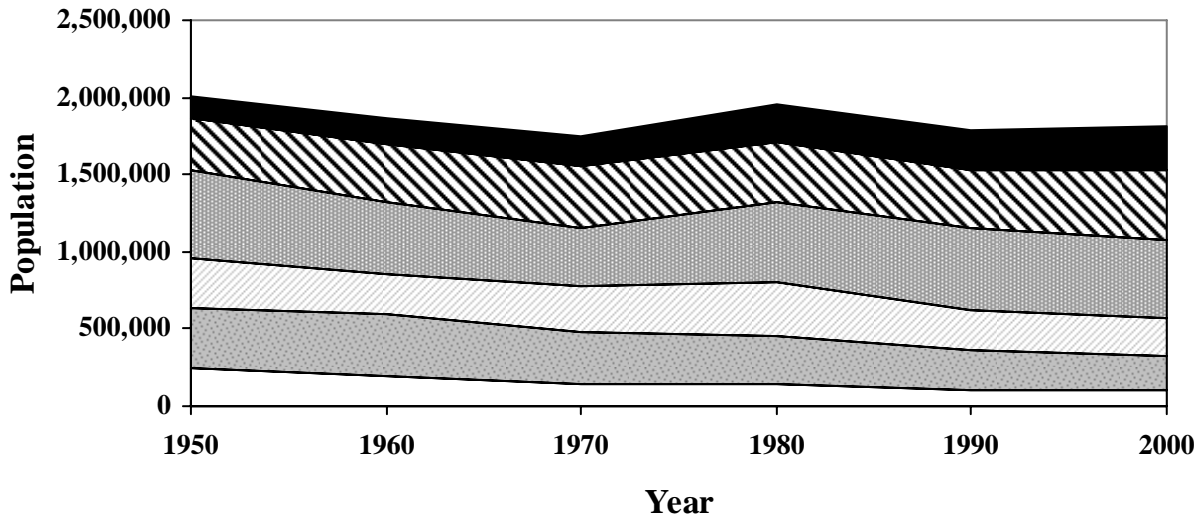
West Virginia Population, 2004 and 2005
Table 1

County	2004*	2005*	County	2004*	2005*
Barbour	15,476	15,689	Monongalia	83,918	84,386
Berkeley	89,362	93,394	Monroe	13,568	13,507
Boone	25,721	25,703	Morgan	15,810	16,022
Braxton	14,950	14,851	Nicholas	26,276	26,464
Brooke	24,785	24,515	Ohio	45,410	45,112
Cabell	94,801	94,031	Pendleton	7,897	7,844
Calhoun	7,415	7,387	Pleasants	7,441	7,376
Clay	10,424	10,356	Pocahontas	8,995	8,851
Doddridge	7,418	7,476	Preston	29,856	30,115
Fayette	47,049	46,823	Putnam	53,836	54,443
Gilmer	6,982	6,950	Raleigh	79,175	79,167
Grant	11,537	11,673	Randolph	28,495	28,571
Greenbrier	34,886	35,027	Ritchie	10,486	10,540
Hampshire	21,542	22,025	Roane	15,359	15,407
Hancock	31,507	31,350	Summers	13,809	13,740
Hardy	13,209	13,287	Taylor	16,202	16,291
Harrison	68,303	68,369	Tucker	7,046	6,943
Jackson	28,477	28,403	Tyler	9,365	9,340
Jefferson	47,663	49,206	Upshur	23,996	23,712
Kanawha	195,218	193,559	Wayne	42,515	42,091
Lewis	17,132	17,199	Webster	9,849	9,804
Lincoln	22,564	22,374	Wetzel	17,048	17,117
Logan	36,502	36,237	Wirt	5,835	5,896
McDowell	24,726	24,273	Wood	87,100	87,047
Marion	56,453	56,509	Wyoming	24,698	24,479
Marshall	34,722	34,337			
Mason	25,941	25,761			
Mercer	62,070	61,589	Total	1,815,354	1,816,856
Mineral	27,145	27,028			
Mingo	27,389	27,210			

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

West Virginia Bureau for Public Health
Health Statistics Center, 2007

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



□ Under 5 □ 5-14 □ 15-24 □ 25-44 □ 45-64 ■ 65+

	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, 2007

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

**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

**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
Marion	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

**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

**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

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

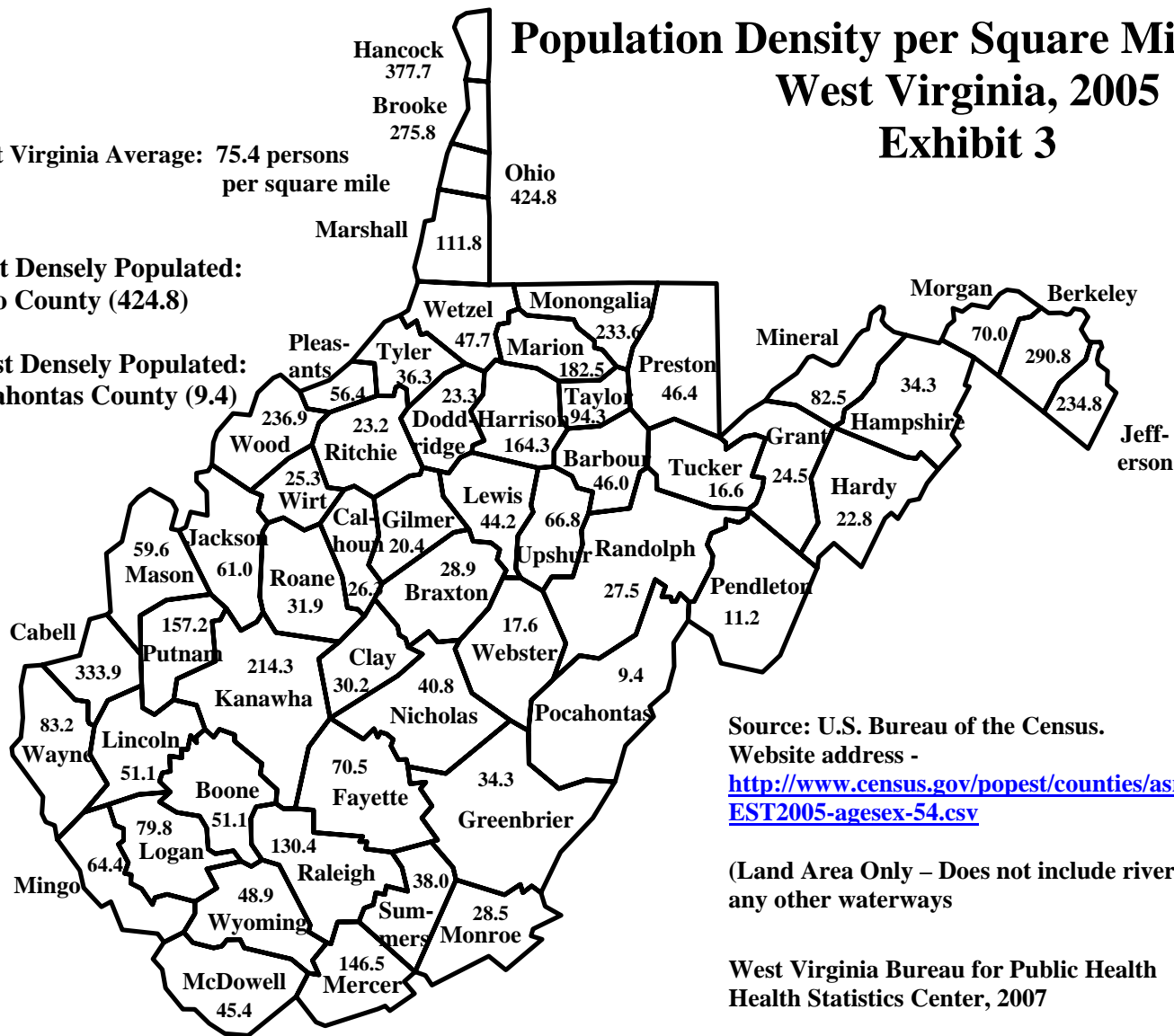
County of Residence	Less Than 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-29 Years	30-39 Years	40-49 Years	50-59 Years	60-64 Years	65+ Years	Total
Monongalia	371	1,653	1,986	2,031	4,008	9,152	5,101	5,587	4,062	1,367	5,257	40,575
Monroe	74	266	377	444	409	1,125	1,413	1,284	1,051	373	1,297	8,113
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

Population Density per Square Mile by County West Virginia, 2005 Exhibit 3

West Virginia Average: 75.4 persons
per square mile

Most Densely Populated:
Ohio County (424.8)

Least Densely Populated:
Pocahontas County (9.4)



Source: U.S. Bureau of the Census.

Website address -

<http://www.census.gov/popest/counties/asrh/files/CC-EST2005-agesex-54.csv>

(Land Area Only – Does not include rivers, streams, or any other waterways)

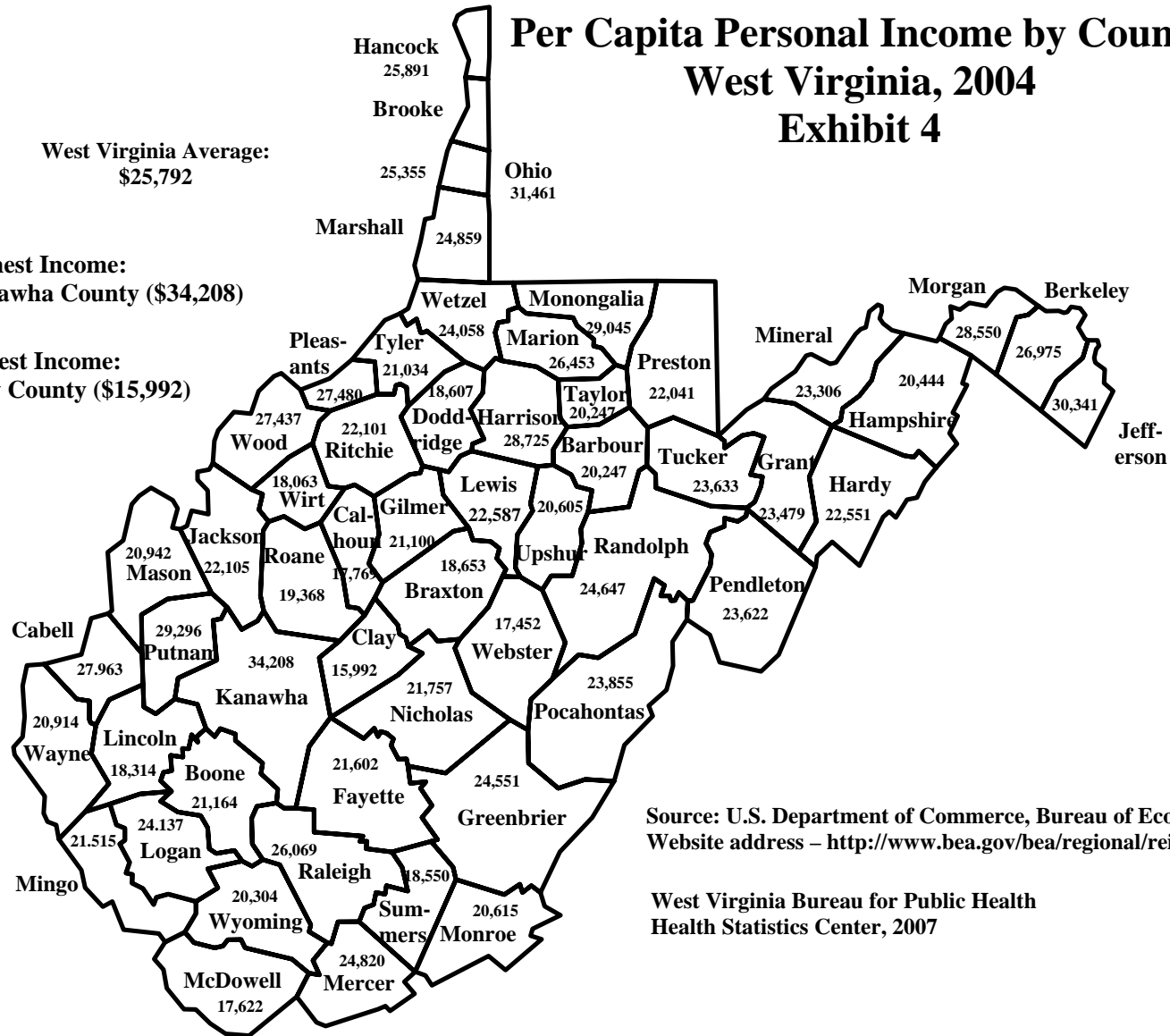
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Per Capita Personal Income by County West Virginia, 2004 Exhibit 4

West Virginia Average:
\$25,792

Highest Income:
Kanawha County (\$34,208)

Lowest Income:
Clay County (\$15,992)



Source: U.S. Department of Commerce, Bureau of Economic Analysis.
Website address – <http://www.bea.gov/bea/regional/reis/drill.cfm>.

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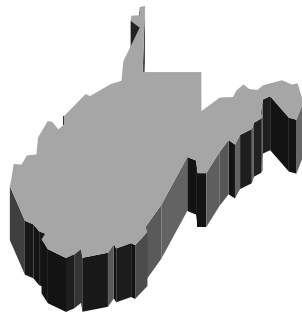
Births, Deaths, Natural Increase or Decrease, and Net Migration West Virginia Population, 1950 - 2005

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

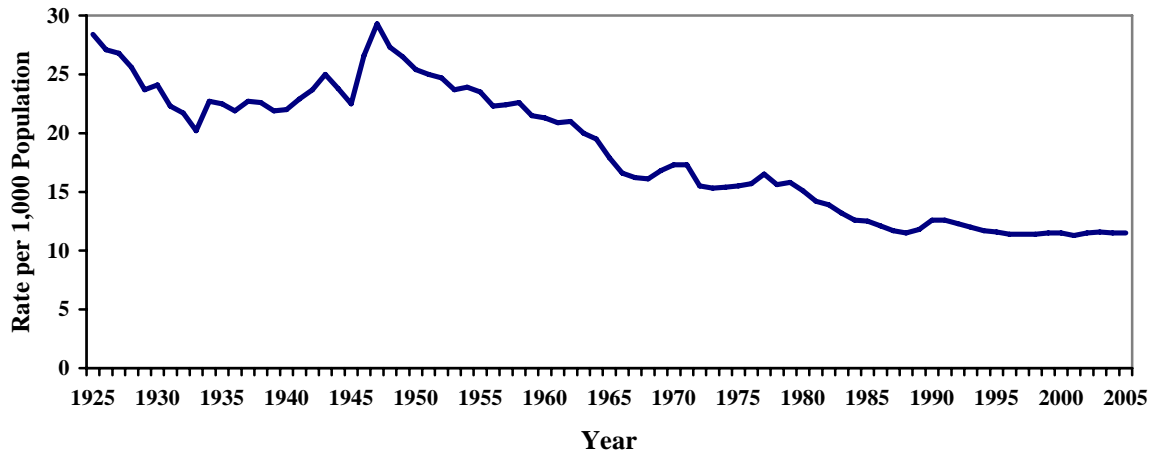
- a. Enumerated as of April 1 of the specified year. (U.S. Department of Commerce, Bureau of the Census)
b. Source of data 1950 through 1960: U.S. Department of Health, Education, and Welfare, Public Health Service, Vital Statistics Rates of the United States, 1940 - 1960.
c. Source of data 1961 through 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.

West Virginia Bureau for Public Health
Health Statistics Center, 2007



West Virginia Vital Statistics
Births

**Number and Rate of Resident Births
West Virginia, 1925-2005
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
2001	20,430	11.3
2002	20,725	11.5
2003	20,986	11.6
2004	20,911	11.5
2005	20,834	11.5

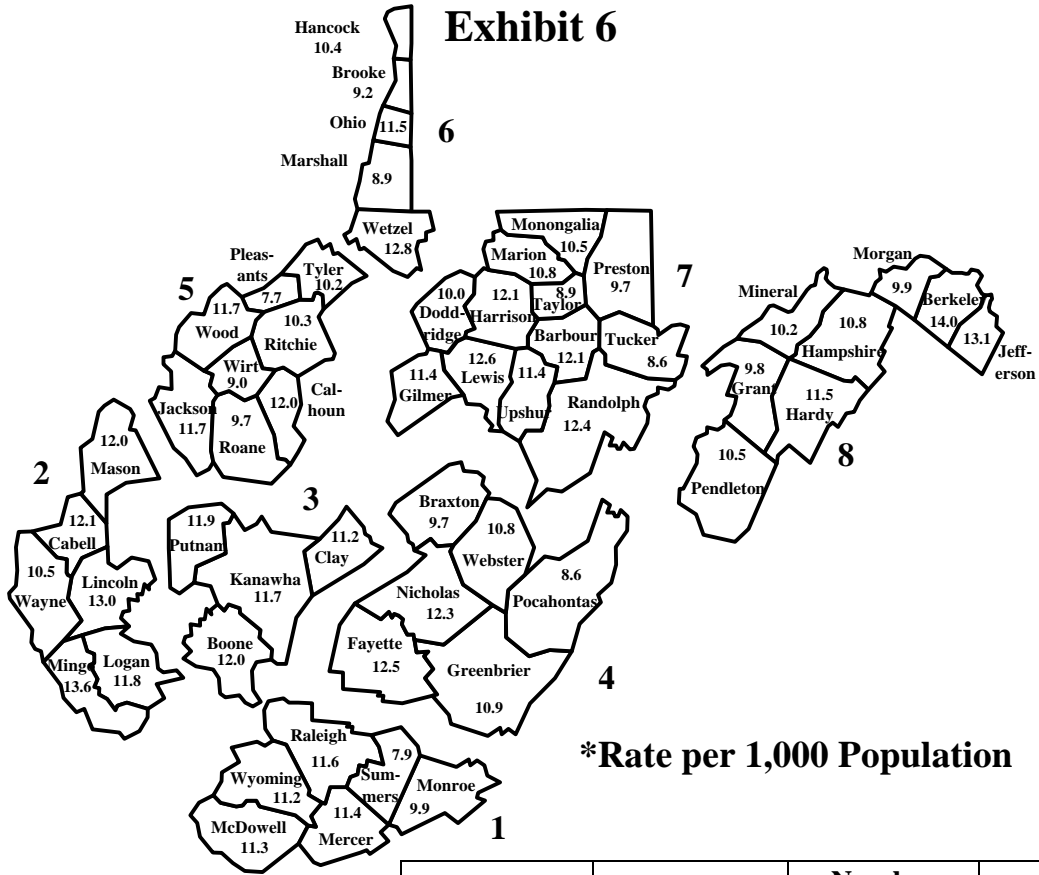
West Virginia Bureau for Public Health
Health Statistics Center, 2007

**Summary Totals
West Virginia Resident Births, 2005
Table 5**

	Number	Percent
Total	20,834	100.0
<u>Sex</u>		
Male	10,776	51.7
Female	10,058	48.3
<u>Race of Mother</u>		
White	19,891	95.5
Black	698	3.4
Other	245	1.2
<u>Attendant at Birth</u>		
Physician	17,758	85.2
Certified Nurse Midwife	2,804	13.5
Lay Midwife	13	0.1
EMT/Paramedic	6	0.0
Other	89	0.4
Unknown	164	0.8
<u>Place of Birth</u>		
Hospital	20,590	98.8
Freestanding Birthing Center	26	0.1
Home	51	0.2
En route to Hospital	10	0.0
Doctor's Office	1	0.0
Other Specified Address (Not Home)	15	0.1
Clinic or Center	1	0.0
Unknown	140	0.7
<u>Mother's Marital Status</u>		
White		
Married	12,896	64.8
Not Married	6,995	35.2
Black		
Married	171	24.5
Not Married	527	75.5
Other		
Married	178	72.7
Not Married	67	27.3

Birth Rates* by District and County West Virginia Resident Births, 2005

Exhibit 6



*Rate per 1,000 Population

District*	2005 Population**	Number of Live Births	Rate
1	216,755	2,413	11.1
2	247,704	2,981	12.0
3	284,061	3,342	11.8
4	141,820	1,620	11.4
5	171,396	1,906	11.1
6	152,431	1,594	10.5
7	362,210	4,003	11.1
8	240,479	2,975	12.4
Total	1,816,856	20,834	11.5

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*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/asrh/files/CC-EST2005-agesex-54.csv>

**Number of Births by County of Residence and Occurrence
Birth Rate by County of Residence
West Virginia, 2005
Table 6**

County	Residence		Occurrence	County	Residence		Occurrence
	Number	Rate			Number	Rate	
Barbour	190	12.1	1	Monongalia	883	10.5	2,008
Berkeley	1,309	14.0	928	Monroe	134	9.9	5
Boone	308	12.0	0	Morgan	159	9.9	2
Braxton	144	9.7	2	Nicholas	326	12.3	235
Brooke	225	9.2	390	Ohio	517	11.5	1,387
Cabell	1,142	12.1	3,008	Pendleton	82	10.5	0
Calhoun	89	12.0	0	Pleasants	57	7.7	0
Clay	116	11.2	0	Pocahontas	76	8.6	5
Doddridge	75	10.0	1	Preston	293	9.7	135
Fayette	586	12.5	1	Putnam	646	11.9	32
Gilmer	79	11.4	2	Raleigh	919	11.6	1,636
Grant	114	9.8	264	Randolph	353	12.4	483
Greenbrier	382	10.9	560	Ritchie	109	10.3	1
Hampshire	237	10.8	1	Roane	149	9.7	95
Hancock	327	10.4	0	Summers	108	7.9	1
Hardy	153	11.5	0	Taylor	145	8.9	0
Harrison	827	12.1	912	Tucker	60	8.6	0
Jackson	333	11.7	86	Tyler	95	10.2	0
Jefferson	646	13.1	233	Upshur	270	11.4	387
Kanawha	2,272	11.7	3,905	Wayne	443	10.5	1
Lewis	217	12.6	255	Webster	106	10.8	2
Lincoln	290	13.0	0	Wetzel	219	12.8	145
Logan	426	11.8	346	Wirt	53	9.0	1
McDowell	275	11.3	78	Wood	1,021	11.7	1,650
Marion	611	10.8	393	Wyoming	273	11.2	0
Marshall	306	8.9	114				
Mason	310	12.0	194				
Mercer	704	11.4	1,194	Total	20,834	11.5	21,150
Mineral	275	10.2	0				
Mingo	370	13.6	71				

**Number of Births by County of Residence
West Virginia, 2001-2005
Table 7**

County	2001	2002	2003	2004	2005	County	2001	2002	2003	2004	2005
Barbour	167	160	169	171	190	Monongalia	861	891	912	929	883
Berkeley	1,063	1,131	1,182	1,267	1,309	Monroe	143	137	111	123	134
Boone	336	331	329	315	308	Morgan	148	152	155	162	159
Braxton	143	166	150	136	144	Nicholas	257	264	303	264	326
Brooke	242	216	232	237	225	Ohio	506	434	483	457	517
Cabell	1,192	1,158	1,149	1,138	1,142	Pendleton	82	105	100	66	82
Calhoun	78	93	60	60	89	Pleasants	91	64	78	62	57
Clay	142	143	146	134	116	Pocahontas	78	94	88	91	76
Doddridge	68	66	72	79	75	Preston	284	341	328	323	293
Fayette	563	548	602	551	586	Putnam	637	590	679	669	646
Gilmer	62	61	49	72	79	Raleigh	876	857	887	899	919
Grant	128	109	141	131	114	Randolph	304	322	314	316	353
Greenbrier	364	381	360	376	382	Ritchie	117	120	132	125	109
Hampshire	213	218	254	224	237	Roane	156	165	184	189	149
Hancock	330	372	344	348	327	Summers	97	124	126	109	108
Hardy	139	140	147	144	153	Taylor	148	169	166	144	145
Harrison	784	793	797	846	827	Tucker	62	64	68	59	60
Jackson	336	301	319	312	333	Tyler	100	79	82	90	95
Jefferson	566	598	615	641	646	Upshur	292	291	282	284	270
Kanawha	2,305	2,423	2,364	2,444	2,272	Wayne	498	492	464	452	443
Lewis	207	175	199	172	217	Webster	88	80	105	90	106
Lincoln	251	323	294	294	290	Wetzel	173	188	198	190	219
Logan	464	476	432	438	426	Wirt	43	61	63	61	53
McDowell	291	290	298	309	275	Wood	1,009	1,025	1,012	988	1,021
Marion	596	595	654	623	611	Wyoming	283	301	285	250	273
Marshall	364	347	331	356	306						
Mason	273	288	297	298	310						
Mercer	723	745	737	712	704	Total	20,430	20,725	20,986	20,911	20,834
Mineral	330	282	281	319	275						
Mingo	377	386	377	372	370						

**Birthweight by Age of Mother
West Virginia Resident Births, 2005
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	3	12	39	46	30	16	4	0	0	150
1,000 - 1,499 Grams (2.205 - 3.305 lbs.)	0	8	15	47	58	40	21	0	0	0	189
1,500 - 1,999 Grams (3.307 - 4.407 lbs.)	1	17	33	125	124	77	26	4	0	0	407
2,000 - 2,499 Grams (4.409 - 5.509 lbs.)	1	49	114	417	302	227	95	31	2	0	1,238
2,500 - 2,999 Grams (5.512 - 6.612 lbs.)	4	157	411	1,370	1,131	614	238	53	1	0	3,979
3,000 - 3,499 Grams (6.614 - 7.714 lbs.)	9	293	720	2,567	2,408	1,418	542	125	1	1	8,084
3,500 - 3,999 Grams (7.716 - 8.816 lbs.)	7	153	370	1,517	1,638	1,112	456	76	2	2	5,333
4,000 - 4,499 Grams (8.819 - 9.919 lbs.)	0	22	60	312	383	292	117	31	0	0	1,217
4,500 or more Grams (9.921 or more lbs.)	0	4	4	47	54	58	15	2	0	0	184
Unknown	0	1	4	10	14	10	10	3	0	1	53
Total	22	707	1,743	6,451	6,158	3,878	1,536	329	6	4	20,834

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**Selected Factors by Birthweight of Infant
West Virginia Resident Births, 2005
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	339	1.6	1,645	7.9	18,797	90.2	53	0.3	20,834	100.0
Maternal Age										
< 20 Years	38	1.5	215	8.7	2,214	89.6	5	0.2	2,472	100.0
< 15 Years	0	0.0	2	9.1	20	90.9	0	0.0	22	100.0
Maternal Race										
White	310	1.6	1,552	7.8	17,980	90.4	49	0.2	19,891	100.0
Black	20	2.9	72	10.3	606	86.8	0	0.0	698	100.0
Other	9	3.7	21	8.6	211	86.1	4	1.6	245	100.0
Births with Known Prenatal Care										
First Trimester	257	1.5	1,239	7.3	15,479	91.1	7	0.0	16,982	100.0
Second Trimester	37	1.4	251	9.7	2,299	88.8	1	0.0	2,588	100.0
Third Trimester	1	0.3	35	8.9	356	90.8	0	0.0	392	100.0
No Prenatal Care	15	10.3	36	24.7	95	65.1	0	0.0	146	100.0
Gestational Age										
< 37 Weeks	335	12.9	1,051	40.5	1,207	46.5	2	0.1	2,595	100.0
37+ Weeks	4	0.0	594	3.3	17,580	96.7	8	0.0	18,186	100.0
Unknown	0	0.0	0	0.0	10	18.9	43	81.1	53	100.0
Mother's Educational Level										
8 Years or Less	11	2.5	56	12.7	373	84.8	0	0.0	440	100.0
9-11 Years	59	1.8	356	10.8	2,893	87.5	0	0.0	3,308	100.0
12 Years	129	1.6	663	8.4	7,087	89.7	21	0.3	7,900	100.0
13-15 Years	77	1.6	308	6.6	4,306	91.8	2	0.0	4,693	100.0
16+ Years	55	1.3	236	5.5	3,971	93.1	4	0.1	4,266	100.0
Unknown	8	3.5	26	11.5	167	73.6	26	11.5	227	100.0
Mother's Marital Status										
Married	214	1.6	891	6.7	12,094	91.3	46	0.3	13,245	100.0
Not Married	125	1.6	754	9.9	6,703	88.3	7	0.1	7,589	100.0

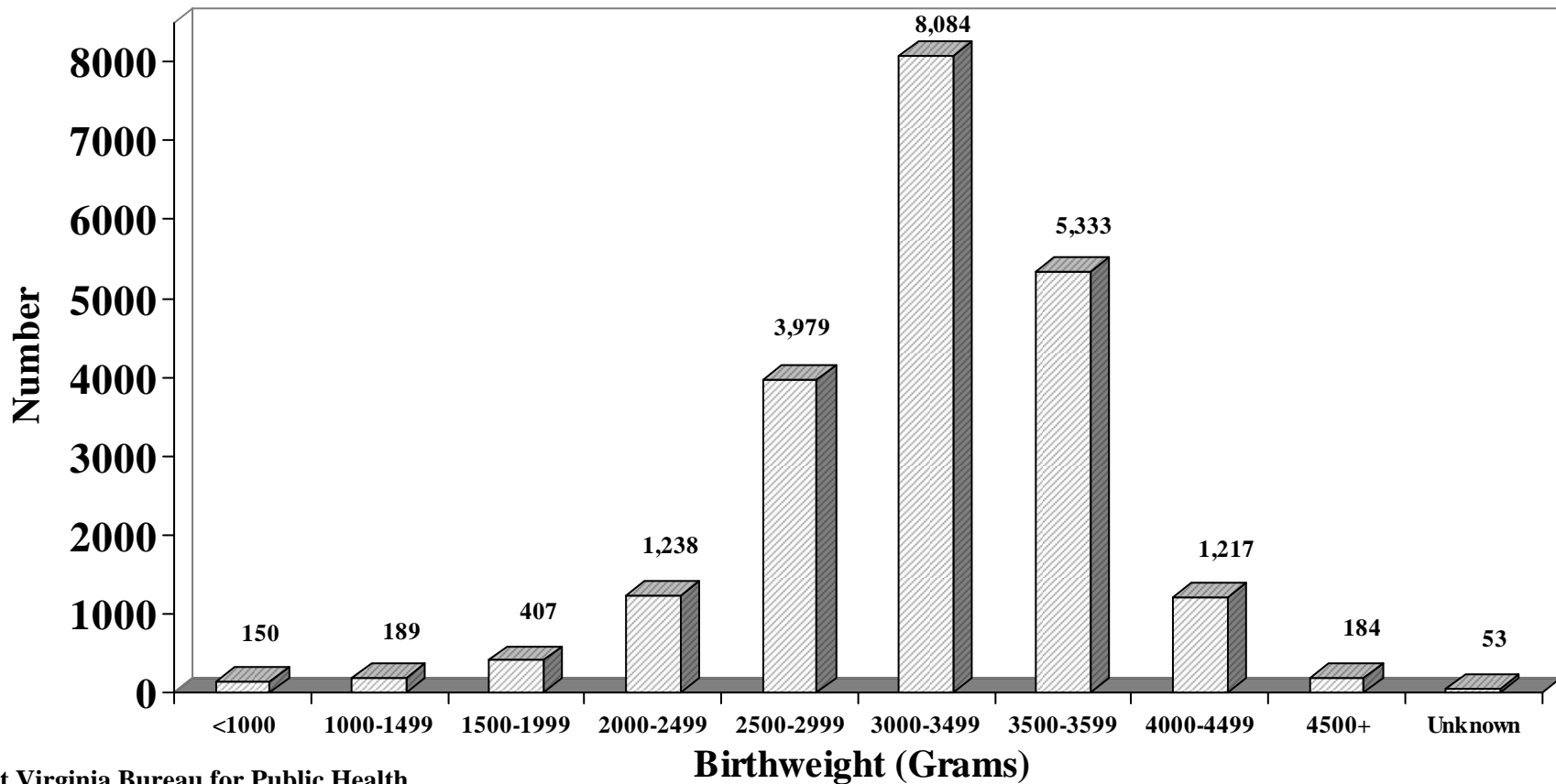
**Number and Percent of Low Birthweight (LBW) Births
By County of Residence
West Virginia, 2005
Table 10**

County	Number of Births	Low Birth-Weight	Percent LBW	County	Number of Births	Low Birth-Weight	Percent LBW
Barbour	190	25	13.2	Monongalia	883	71	8.0
Berkeley	1,309	111	8.5	Monroe	134	7	5.2
Boone	308	34	11.0	Morgan	159	10	6.3
Braxton	144	8	5.6	Nicholas	326	33	10.1
Brooke	225	14	6.2	Ohio	517	39	7.5
Cabell	1,142	125	10.9	Pendleton	82	5	6.1
Calhoun	89	12	13.5	Pleasants	57	7	12.3
Clay	116	12	10.3	Pocahontas	76	13	17.1
Doddridge	75	11	14.7	Preston	293	28	9.6
Fayette	586	60	10.2	Putnam	646	48	7.4
Gilmer	79	7	8.9	Raleigh	919	100	10.9
Grant	114	7	6.1	Randolph	353	34	9.6
Greenbrier	382	33	8.6	Ritchie	109	10	9.2
Hampshire	237	16	6.8	Roane	149	9	6.0
Hancock	327	21	6.4	Summers	108	11	10.2
Hardy	153	12	7.8	Taylor	145	16	11.0
Harrison	827	72	8.7	Tucker	60	5	8.3
Jackson	333	32	9.6	Tyler	95	11	11.6
Jefferson	646	42	6.5	Upshur	270	21	7.8
Kanawha	2,272	233	10.3	Wayne	443	59	13.3
Lewis	217	18	8.3	Webster	106	10	9.4
Lincoln	290	34	11.7	Wetzel	219	17	7.8
Logan	426	50	11.7	Wirt	53	9	17.0
McDowell	275	32	11.6	Wood	1,021	84	8.2
Marion	611	59	9.7	Wyoming	273	34	12.5
Marshall	306	21	6.9				
Mason	310	31	10.0				
Mercer	704	88	12.5	Total	20,834	1,984	9.5
Mineral	275	36	13.1				
Mingo	370	37	10.0				

Birthweight in Grams*

West Virginia Resident Births, 2005

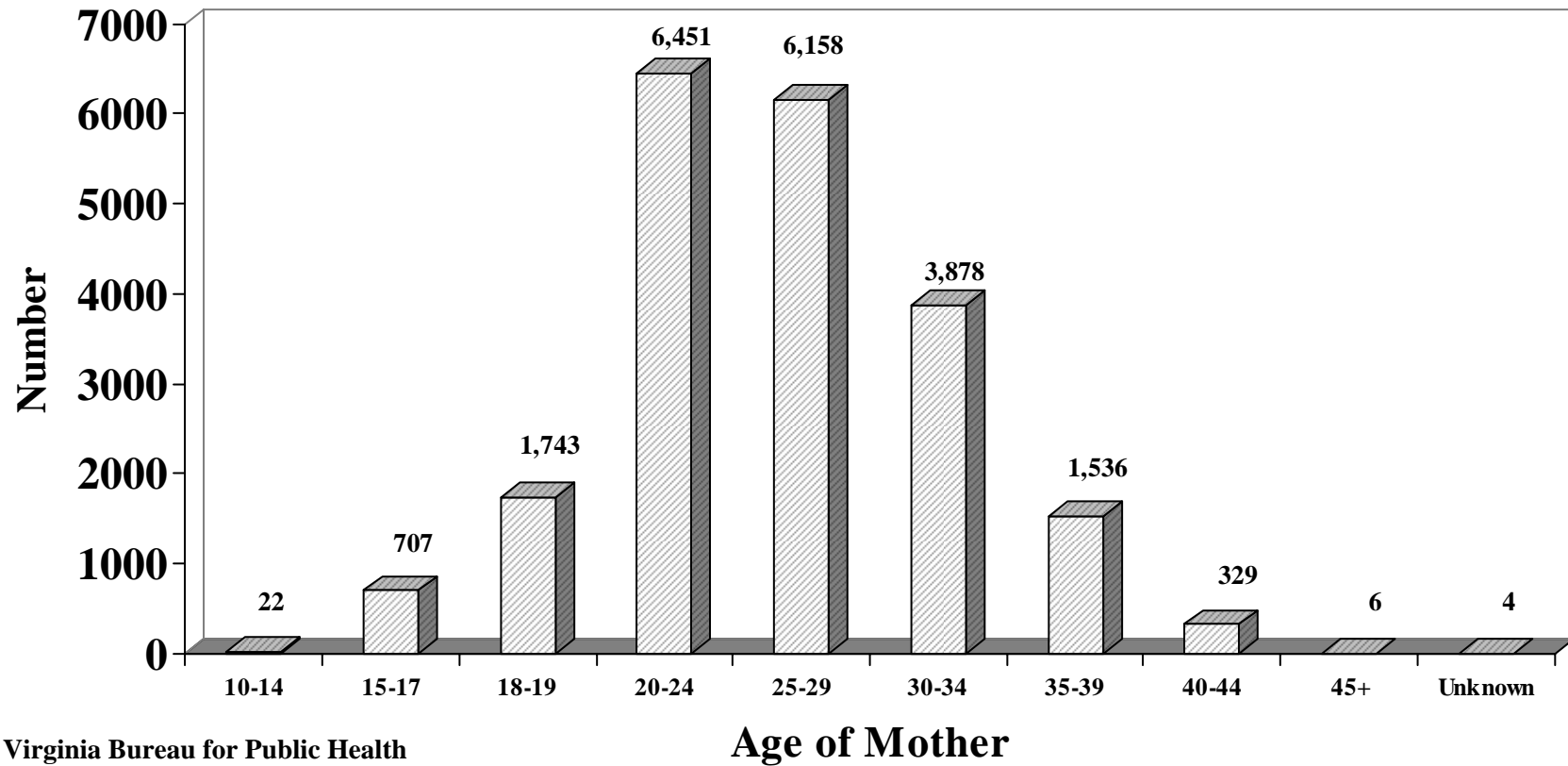
Exhibit 7



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*See Appendix D for grams/pounds conversion.

Age of Mother
West Virginia Resident Births, 2005
Exhibit 8



West Virginia Bureau for Public Health
Health Statistics Center, 2007

Age of Mother by County
West Virginia Resident Births, 2005
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	7	14	59	51	45	11	3	0	0	190
Berkeley	4	58	107	388	392	242	93	25	0	0	1,309
Boone	0	10	31	118	82	50	14	3	0	0	308
Braxton	0	3	19	55	44	14	8	1	0	0	144
Brooke	0	8	20	66	64	47	17	3	0	0	225
Cabell	2	49	95	344	339	207	93	13	0	0	1,142
Calhoun	0	0	13	33	25	15	2	1	0	0	89
Clay	0	3	12	44	29	20	3	5	0	0	116
Doddridge	0	1	8	32	21	9	2	2	0	0	75
Fayette	0	22	52	193	186	98	25	10	0	0	586
Gilmer	0	1	8	20	33	12	4	1	0	0	79
Grant	0	4	18	27	42	17	5	1	0	0	114
Greenbrier	0	7	38	127	113	65	27	5	0	0	382
Hampshire	1	12	23	78	62	38	18	5	0	0	237
Hancock	0	8	26	79	106	75	29	4	0	0	327
Hardy	1	6	11	48	42	30	13	2	0	0	153
Harrison	0	26	77	283	220	156	58	7	0	0	827
Jackson	0	11	26	103	94	72	18	9	0	0	333
Jefferson	0	20	35	126	172	172	98	22	0	1	646
Kanawha	0	80	183	644	676	456	189	40	3	1	2,272
Lewis	0	6	18	89	60	26	16	2	0	0	217
Lincoln	0	14	39	87	94	40	14	2	0	0	290
Logan	2	15	37	151	129	63	23	6	0	0	426
McDowell	1	19	45	115	57	30	4	4	0	0	275
Marion	0	17	38	179	201	121	45	10	0	0	611
Marshall	1	11	17	105	94	58	18	2	0	0	306
Mason	0	13	27	98	105	42	18	7	0	0	310
Mercer	1	29	64	271	188	104	40	7	0	0	704
Mineral	0	11	17	77	105	39	21	4	0	1	275
Mingo	2	13	37	146	98	53	19	2	0	0	370
Monongalia	0	11	46	202	296	214	92	22	0	0	883
Monroe	0	1	8	48	39	27	10	1	0	0	134
Morgan	0	4	10	52	49	23	19	2	0	0	159
Nicholas	1	10	31	108	94	52	26	4	0	0	326
Ohio	3	21	29	139	136	128	52	7	1	1	517
Pendleton	0	3	3	23	29	17	5	2	0	0	82
Pleasants	0	1	5	25	8	16	2	0	0	0	57
Pocahontas	0	4	7	16	24	19	5	1	0	0	76
Preston	0	11	28	82	82	56	28	6	0	0	293
Putnam	0	9	34	151	212	168	64	8	0	0	646
Raleigh	0	45	71	298	283	164	44	14	0	0	919
Randolph	0	5	48	96	95	69	34	6	0	0	353
Ritchie	0	4	5	42	34	10	12	1	1	0	109
Roane	0	4	16	57	40	19	12	1	0	0	149
Summers	0	6	10	39	24	19	5	5	0	0	108
Taylor	0	3	14	46	43	28	10	1	0	0	145
Tucker	1	4	5	10	17	10	10	3	0	0	60
Tyler	1	5	11	30	26	14	7	1	0	0	95
Upshur	0	10	20	89	88	38	22	3	0	0	270
Wayne	0	10	40	163	119	74	24	13	0	0	443
Webster	0	1	7	46	29	17	5	1	0	0	106
Wetzel	0	5	19	78	55	45	12	5	0	0	219
Wirt	0	3	5	15	16	9	5	0	0	0	53
Wood	1	34	86	307	300	203	78	11	1	0	1,021
Wyoming	0	9	30	104	96	23	8	3	0	0	273
Total	22	707	1,743	6,451	6,158	3,878	1,536	329	6	4	20,834

Fertility Rates* by Age of Mother by County
West Virginia Resident Births, 2001-2005**
Table 12

County	Age of Mother										Total 15-44 Years
	10-14 Years	15-17 Years	18-19 Years	Total 15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	
Barbour	0.0	14.9	56.3	33.7	113.4	119.1	59.6	15.5	5.4	0.3	53.6
Berkeley	0.5	33.8	119.3	66.1	154.4	131.1	73.7	30.0	7.0	0.1	71.7
Boone	0.3	20.4	116.1	54.1	137.1	110.5	53.5	17.1	2.3	0.7	60.2
Braxton	0.8	19.5	95.6	45.5	156.0	97.1	44.3	15.3	1.5	0.0	53.5
Brooke	0.3	12.8	42.5	25.2	86.7	92.7	68.8	23.7	3.1	0.2	46.3
Cabell	0.6	27.5	50.2	40.1	75.1	98.8	76.4	26.8	4.0	0.2	54.0
Calhoun	0.0	10.4	116.3	43.0	138.7	146.6	41.1	8.2	4.4	0.0	51.7
Clay	0.0	17.1	103.9	46.0	164.7	119.1	53.2	15.0	5.5	0.0	63.2
Doddridge	0.8	24.0	64.5	37.7	174.5	102.9	43.8	11.6	2.5	0.0	49.5
Fayette	0.3	18.6	69.8	40.0	141.1	117.3	64.1	18.4	3.4	0.3	60.5
Gilmer	0.9	8.0	43.7	27.6	58.6	106.3	52.1	20.4	0.7	0.0	41.4
Grant	0.6	21.0	105.6	52.6	114.4	115.8	52.3	22.2	1.5	0.0	57.4
Greenbrier	0.0	17.3	81.5	41.0	130.5	100.8	72.9	25.5	4.9	0.4	56.3
Hampshire	0.6	25.1	112.6	55.3	164.9	104.0	52.5	21.8	4.6	0.3	58.4
Hancock	0.0	17.1	89.1	42.5	117.4	107.5	73.6	19.3	3.0	0.3	54.3
Hardy	0.9	18.7	93.3	45.9	140.5	100.0	65.3	20.2	5.5	0.0	56.9
Harrison	0.7	22.3	81.3	45.2	133.0	109.6	67.2	22.2	3.9	0.4	58.2
Jackson	1.1	18.8	81.3	41.4	134.9	104.5	66.0	20.0	3.4	0.6	56.2
Jefferson	0.9	22.4	61.2	40.3	98.8	128.2	97.7	42.7	9.4	0.5	65.3
Kanawha	0.6	24.1	81.5	46.6	115.6	106.7	70.0	25.0	4.7	0.3	57.5
Lewis	0.8	11.1	85.1	39.5	176.1	105.0	50.7	21.9	3.8	0.3	58.2
Lincoln	1.4	27.5	92.1	52.3	142.8	116.2	56.2	18.2	2.2	0.2	61.5
Logan	0.7	22.1	90.8	47.6	130.2	108.7	53.8	14.4	3.4	0.1	56.4
McDowell	1.0	29.1	135.2	66.0	157.4	80.5	36.6	10.5	3.3	0.0	52.4
Marion	0.0	14.7	51.6	31.8	86.3	107.9	70.1	22.6	5.1	0.1	52.9
Marshall	0.2	15.8	73.5	36.0	121.6	102.6	61.0	17.1	2.7	0.0	50.2
Mason	0.5	20.4	78.9	43.8	136.8	113.3	59.2	14.0	4.6	0.2	55.9
Mercer	0.6	28.5	81.1	50.9	127.8	97.7	53.9	17.2	2.1	0.3	57.3
Mineral	0.2	12.8	62.0	33.1	133.8	113.7	60.6	21.6	4.4	0.4	55.2
Mingo	1.7	20.9	106.8	54.1	154.6	95.2	44.3	13.3	2.0	0.0	56.2
Monongalia	0.2	11.0	17.7	15.6	35.1	92.9	93.5	34.6	6.7	0.6	42.4
Monroe	0.0	12.1	74.5	36.7	85.9	58.9	33.7	13.0	2.4	0.0	35.8
Morgan	0.4	26.2	94.8	50.1	129.6	109.5	49.7	25.8	5.4	0.0	55.4
Nicholas	0.4	18.5	71.5	38.1	133.2	106.0	50.3	18.7	3.9	0.6	52.7
Ohio	1.4	19.8	36.0	27.6	72.3	107.0	78.6	27.0	5.8	0.3	49.0
Pendleton	0.0	10.3	63.3	28.2	137.1	121.6	69.1	24.6	5.9	0.6	57.9
Pleasants	0.0	15.0	57.4	31.5	123.7	77.0	61.3	20.1	1.4	0.0	47.2
Pocahontas	0.0	15.7	90.7	41.9	130.8	107.7	52.2	20.2	2.9	1.2	52.5
Preston	0.4	13.3	91.3	39.0	124.3	108.7	57.3	22.2	3.6	0.3	53.2
Putnam	0.6	13.4	58.0	29.4	114.7	126.2	87.4	27.6	3.9	0.3	58.0
Raleigh	0.2	23.3	82.5	46.1	123.2	104.2	63.0	17.7	3.9	0.0	56.4
Randolph	0.4	19.2	102.4	51.2	134.4	102.9	61.1	24.7	3.1	0.0	58.6
Ritchie	0.6	25.7	95.5	47.7	162.1	101.9	55.8	22.4	2.7	0.5	58.0
Roane	0.0	19.0	85.0	42.6	140.8	111.3	51.6	13.8	3.3	0.3	54.4
Summers	0.0	20.6	92.3	45.0	115.4	85.6	52.1	11.9	6.6	0.0	47.7
Taylor	0.0	15.4	73.9	35.4	121.1	96.4	44.8	16.0	3.4	0.0	47.7
Tucker	1.8	16.6	76.2	33.6	95.7	96.1	59.4	25.9	4.3	0.0	46.1
Tyler	0.6	17.2	89.6	40.0	145.7	88.2	51.5	19.3	4.2	0.0	49.0
Upshur	0.6	18.0	49.2	35.2	106.9	108.6	61.8	25.7	3.0	0.0	55.3
Wayne	0.3	13.8	88.6	42.3	138.1	87.5	49.1	14.9	3.1	0.1	52.5
Webster	0.6	5.7	70.4	29.9	148.3	92.6	36.9	19.6	0.5	0.0	48.9
Wetzel	0.0	25.0	99.0	50.0	164.1	104.4	57.4	18.4	5.6	0.0	57.6
Wirt	0.0	16.7	113.4	45.7	133.3	87.7	36.9	15.5	0.8	1.1	44.6
Wood	0.1	21.1	85.9	45.6	136.6	103.7	63.8	21.2	3.0	0.2	56.9
Wyoming	0.0	25.1	94.7	50.6	130.9	102.4	44.0	14.4	1.4	0.3	52.3
Total	0.5	20.6	70.8	41.7	111.8	105.6	64.9	22.3	4.1	0.3	55.4

* Number of live births per 1,000 females in each age group. Based on the 2000 Census.
** Aggregated.

**Marital Status by Age of Mother
West Virginia Resident Births, 2001-2005
Table 13**

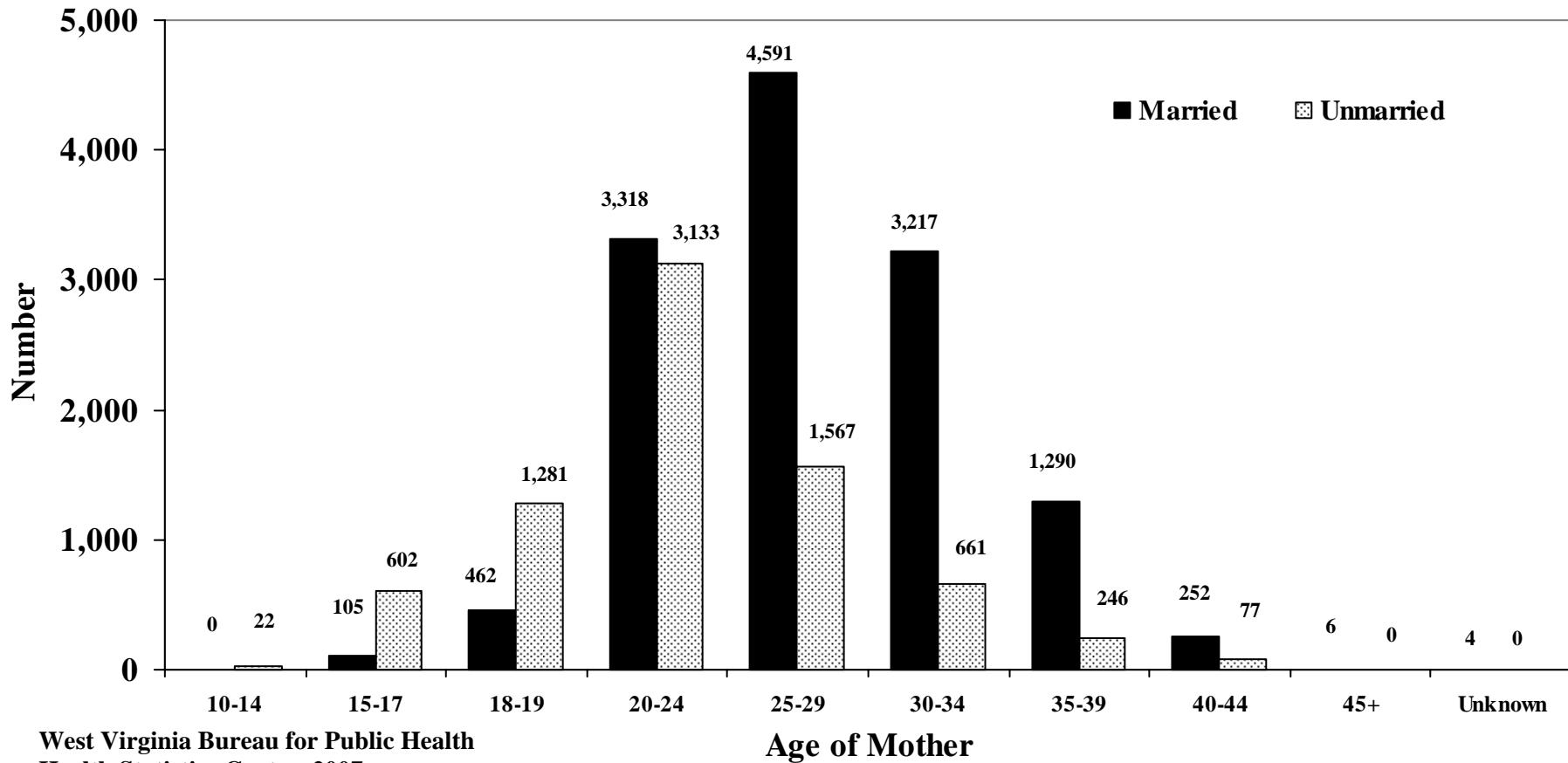
Age of Mother	2001		2002		2003		2004		2005	
	Married	Unmarried	Married	Unmarried	Married	Unmarried	Married	Unmarried	Married	Unmarried
10-14	1	27	1	22	0	34	0	28	0	22
15-17	126	648	114	621	87	624	91	621	105	602
18-19	633	1,234	642	1,246	529	1,302	493	1,256	462	1,281
20-24	3,852	2,762	3,846	2,903	3,747	3,073	3,561	3,006	3,318	3,133
25-29	4,627	1,145	4,702	1,197	4,621	1,295	4,705	1,447	4,591	1,567
30-34	3,048	479	3,150	529	3,279	573	3,305	564	3,217	661
35-39	1,188	219	1,224	234	1,253	257	1,229	253	1,290	246
40-44	234	47	224	45	231	53	259	67	252	77
45+	6	6	23	2	16	11	16	9	6	0
Unknown	104	44	0	0	0	1	1	0	4	0
Total	13,819	6,611	13,926	6,799	13,763	7,223	13,660	7,251	13,245	7,589

West Virginia Bureau for Public Health
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Marital Status by Age of Mother

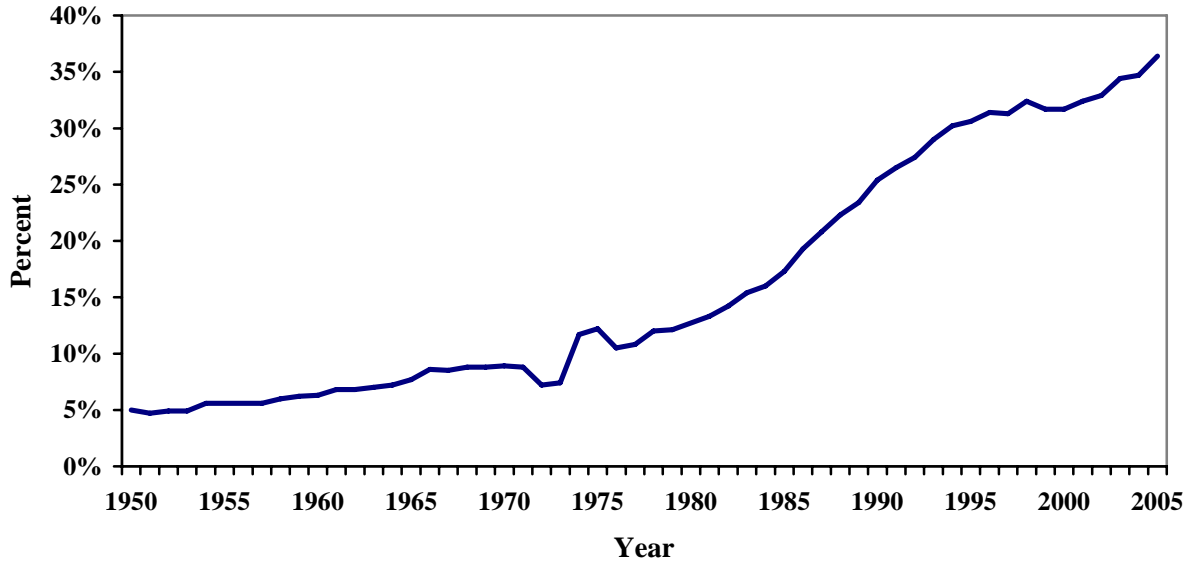
West Virginia Resident Births, 2005

Exhibit 9



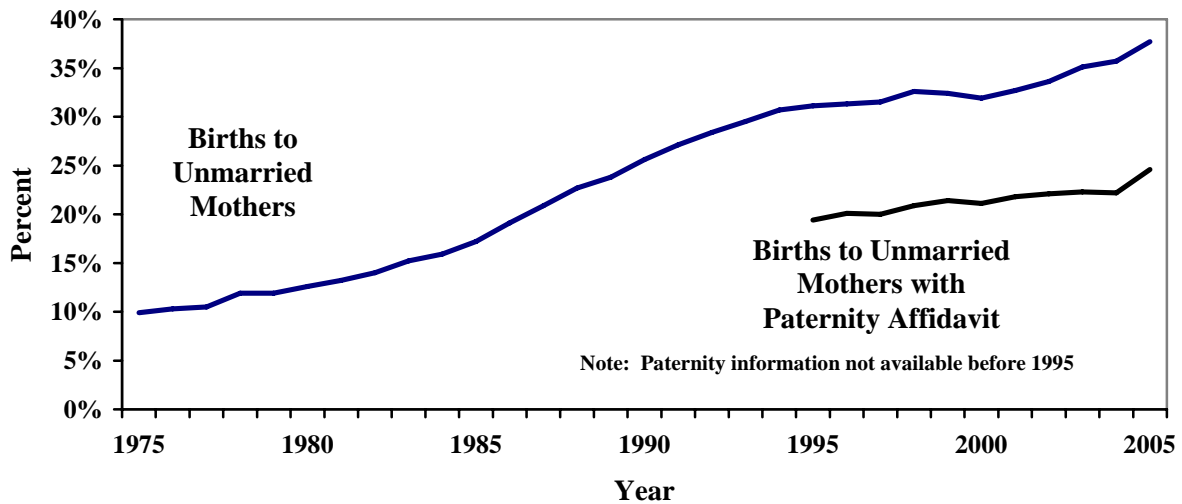
West Virginia Bureau for Public Health
Health Statistics Center, 2007

**Percent of Births to Unmarried Mothers
West Virginia Residents, 1950-2005
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
2001	6,611	32.4
2002	6,799	32.8
2003	7,223	34.4
2004	7,251	34.7
2005	7,589	36.4

**Percent of Births to Unmarried Mothers and
Unmarried Mothers with Paternity Affidavit
West Virginia Occurrence, 1975-2005
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

West Virginia Bureau for Public Health
Health Statistics Center, 2007

Mother's Marital Status and Method of Paternity Establishment
Unmarried Mothers by County
West Virginia Occurrence Births, 2005
Table 14

County	Total Births	Mother's Marital Status		Mother Unmarried with Paternity Established		Mother Unmarried with Father Unknown
		Married	Unmarried	Paternity Affidavit Accepted	Father Established by Other Methods	
Barbour	1	0	1	0	1	0
Berkeley	928	450	478	279	16	183
Boone	0	0	0	0	0	0
Braxton	2	2	0	0	0	0
Brooke	390	243	147	111	3	33
Cabell	3,008	1,985	1,023	668	38	317
Calhoun	0	0	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	2	2	0	0	0	0
Grant	264	126	138	109	5	24
Greenbrier	560	350	210	120	23	67
Hampshire	1	0	1	1	0	0
Hancock	0	0	0	0	0	0
Hardy	0	0	0	0	0	0
Harrison	912	561	351	263	7	81
Jackson	86	41	45	28	2	15
Jefferson	233	124	109	73	0	36
Kanawha	3,905	2,512	1,393	903	84	406
Lewis	255	148	107	66	5	36
Lincoln	0	0	0	0	0	0
Logan	346	191	155	76	11	68
McDowell	78	26	52	28	3	21
Marion	393	231	162	113	5	44
Marshall	114	53	61	45	1	15
Mason	194	101	93	69	0	24
Mercer	1,194	734	460	267	31	162
Mineral	0	0	0	0	0	0
Mingo	71	49	22	9	1	12
Monongalia	2,008	1,383	625	420	34	171
Monroe	5	5	0	0	0	0
Morgan	2	1	1	1	0	0
Nicholas	235	136	99	55	5	39
Ohio	1,387	843	544	397	15	132
Pendleton	0	0	0	0	0	0
Pleasants	0	0	0	0	0	0
Pocahontas	5	4	1	1	0	0
Preston	135	85	50	37	5	8
Putnam	32	21	11	8	0	3
Raleigh	1,636	1,023	613	333	37	243
Randolph	483	290	193	136	7	50
Ritchie	1	0	1	0	0	1
Roane	95	55	40	22	2	16
Summers	1	0	1	1	0	0
Taylor	0	0	0	0	0	0
Tucker	0	0	0	0	0	0
Tyler	0	0	0	0	0	0
Upshur	387	245	142	92	6	44
Wayne	1	1	0	0	0	0
Webster	2	1	1	0	0	1
Wetzel	145	76	69	48	3	18
Wirt	1	1	0	0	0	0
Wood	1,650	1,086	564	419	14	131
Wyoming	0	0	0	0	0	0
Total	21,150	13,186	7,964	5,199	364	2,401

West Virginia Bureau for Public Health
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**Selected Factors by Race of Mother
West Virginia Resident Births, 2005
Table 15**

Factor	White		Black		Other		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	19,891	95.5	698	3.4	245	1.2	20,834	100.0
<u>Low Birthweight</u>	1,862	9.4	92	13.2	30	12.2	1,984	9.5
<u>Maternal Age</u>								
Mother's < 20 Years	2,311	11.6	141	20.2	20	8.2	2,472	11.9
Mother's < 15 Years	20	0.1	2	0.3	0	0.0	22	0.1
<u>Births with Known Prenatal Care</u>								
First Trimester	16,327	85.0	481	72.2	174	74.7	16,982	84.5
Second Trimester	2,396	12.5	148	22.2	44	18.9	2,588	12.9
Third Trimester	356	1.9	28	4.2	8	3.4	392	1.9
No Prenatal Care	130	0.7	9	1.4	7	3.0	146	0.7
<u>Gestational Age</u>								
< 37 Weeks	2,452	12.3	110	15.8	33	13.5	2,595	12.5
37+ Weeks	17,391	87.4	587	84.1	208	84.9	18,186	87.3
Unknown	48	0.2	1	0.1	4	1.6	53	0.3

Births by Month by County
West Virginia Residents, 2005
Table 16

County	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Barbour	11	13	14	15	20	19	16	18	10	16	14	24	190
Berkeley	108	82	106	106	87	114	130	125	120	110	103	118	1,309
Boone	20	32	36	25	24	22	24	31	28	24	22	20	308
Braxton	8	15	14	11	12	15	10	17	7	13	8	14	144
Brooke	19	17	20	16	13	23	18	21	21	21	22	14	225
Cabell	73	83	100	90	88	115	104	128	91	78	97	95	1,142
Calhoun	12	5	12	3	8	5	9	6	3	6	10	10	89
Clay	5	7	12	14	7	7	11	10	12	6	9	16	116
Doddridge	2	6	5	7	5	9	6	9	5	8	7	6	75
Fayette	47	48	39	50	44	53	50	38	56	53	50	58	586
Gilmer	8	5	4	9	5	6	10	5	11	5	6	5	79
Grant	9	9	7	13	8	5	6	17	12	10	9	9	114
Greenbrier	33	29	32	28	36	39	39	27	30	40	29	20	382
Hampshire	22	17	19	18	17	14	25	17	29	26	14	19	237
Hancock	27	27	30	30	24	36	26	28	22	30	23	24	327
Hardy	7	15	14	12	16	12	21	10	5	10	14	17	153
Harrison	79	62	64	69	74	75	75	68	56	65	57	83	827
Jackson	32	19	22	25	29	28	39	30	33	22	22	32	333
Jefferson	53	63	55	58	45	59	58	53	57	48	50	47	646
Kanawha	166	159	212	170	194	175	186	216	195	199	209	191	2,272
Lewis	17	18	14	13	17	15	28	15	16	20	28	16	217
Lincoln	18	25	32	29	23	22	28	22	28	25	11	27	290
Logan	34	28	28	26	37	38	41	46	35	45	36	32	426
McDowell	24	15	21	29	19	23	31	25	25	26	17	20	275
Marion	55	41	49	59	52	43	53	48	58	46	47	60	611
Marshall	31	22	31	17	18	27	36	32	25	18	23	26	306
Mason	23	20	22	24	31	24	21	30	33	24	29	29	310
Mercer	63	56	51	51	74	55	51	63	61	59	63	57	704
Mineral	23	29	27	26	22	25	27	21	26	16	12	21	275
Mingo	26	27	31	39	32	30	33	34	25	28	34	31	370
Monongalia	79	54	53	88	73	77	84	78	80	76	78	63	883
Monroe	7	12	14	3	14	9	13	16	12	15	7	12	134
Morgan	16	11	10	11	16	17	15	17	15	8	12	11	159
Nicholas	21	17	25	28	21	32	35	28	37	29	22	31	326
Ohio	44	33	44	37	50	49	48	52	41	38	51	30	517
Pendleton	4	5	7	9	9	8	13	3	4	8	8	4	82
Pleasants	2	3	4	5	1	6	5	6	7	6	5	7	57
Pocahontas	8	1	7	7	7	5	12	3	7	4	6	9	76
Preston	25	19	30	26	15	30	28	26	25	18	28	23	293
Putnam	46	60	45	39	57	53	48	67	73	51	46	61	646
Raleigh	67	70	80	74	69	97	70	93	74	75	76	74	919
Randolph	35	23	29	27	36	30	38	24	25	26	25	35	353
Ritchie	6	5	9	10	17	9	10	11	7	7	9	9	109
Roane	9	13	9	9	13	15	15	17	12	11	8	18	149
Summers	11	11	14	8	8	10	6	8	6	6	10	10	108
Taylor	5	14	15	8	20	10	6	12	15	14	8	18	145
Tucker	7	4	8	2	6	3	6	2	3	6	6	7	60
Tyler	12	4	6	8	13	10	5	9	9	6	6	7	95
Upshur	25	15	18	20	23	25	18	18	30	28	24	26	270
Wayne	40	33	45	35	31	27	42	28	44	36	42	40	443
Webster	8	7	7	10	12	8	5	11	6	12	5	15	106
Wetzel	18	13	19	10	15	23	22	16	20	29	19	15	219
Wirt	1	4	7	3	3	8	2	4	7	4	5	5	53
Wood	80	79	83	68	99	71	91	107	99	82	75	87	1,021
Wyoming	27	17	18	22	18	27	20	25	28	25	23	23	273
Total	1,658	1,521	1,729	1,649	1,727	1,792	1,869	1,891	1,821	1,717	1,679	1,781	20,834

**Place of Delivery, Gender of Child by Race and Marital Status of Mother,
By County
West Virginia Resident Births, 2005
Table 17**

County	Place of Delivery		White		Black		Other		Number of Births to Unmarried Mothers	Total
	Hospital*	Nonhospital**	Male	Female	Male	Female	Male	Female		
Barbour	190	0	96	92	1	0	1	0	66	190
Berkeley	1,296	13	636	579	39	31	7	17	506	1,309
Boone	308	0	151	156	0	0	0	1	113	308
Braxton	142	2	75	68	0	0	0	1	52	144
Brooke	201	24	116	104	2	0	2	1	89	225
Cabell	1,137	5	531	537	33	31	7	3	422	1,142
Calhoun	89	0	46	43	0	0	0	0	30	89
Clay	116	0	61	54	0	0	1	0	44	116
Doddridge	74	1	34	41	0	0	0	0	32	75
Fayette	584	2	299	255	11	17	3	1	225	586
Gilmer	77	2	32	47	0	0	0	0	23	79
Grant	114	0	54	59	0	0	1	0	42	114
Greenbrier	378	4	188	181	4	7	1	1	128	382
Hampshire	237	0	121	112	1	2	0	1	87	237
Hancock	273	54	165	151	5	2	2	2	118	327
Hardy	152	1	72	79	0	1	1	0	64	153
Harrison	824	3	449	366	3	0	5	4	326	827
Jackson	333	0	173	153	3	1	1	2	105	333
Jefferson	636	10	329	270	14	17	8	8	172	646
Kanawha	2,264	8	1,026	1,004	93	89	35	25	916	2,272
Lewis	216	1	109	107	0	0	0	1	76	217
Lincoln	290	0	145	145	0	0	0	0	101	290
Logan	425	1	203	215	5	2	1	0	160	426
McDowell	275	0	128	106	17	22	1	1	156	275
Marion	606	5	285	291	11	17	2	5	207	611
Marshall	299	7	156	150	0	0	0	0	123	306
Mason	306	4	160	148	0	0	2	0	101	310
Mercer	702	2	348	312	26	15	1	2	280	704
Mineral	274	1	144	125	3	2	0	1	108	275
Mingo	370	0	184	179	2	4	0	1	115	370
Monongalia	876	7	411	401	18	12	25	16	247	883
Monroe	129	5	79	55	0	0	0	0	38	134
Morgan	159	0	81	73	3	1	1	0	60	159
Nicholas	325	1	178	146	1	0	0	1	114	326
Ohio	500	17	259	228	15	6	2	7	225	517
Pendleton	81	1	51	28	3	0	0	0	20	82
Pleasants	57	0	34	22	0	1	0	0	19	57
Pocahontas	75	1	38	36	1	0	1	0	28	76
Preston	291	2	155	136	1	1	0	0	98	293
Putnam	643	3	326	314	0	2	1	3	153	646
Raleigh	918	1	453	388	36	36	4	2	340	919
Randolph	350	3	181	169	0	0	2	1	128	353
Ritchie	108	1	53	56	0	0	0	0	38	109
Roane	149	0	74	70	0	0	0	5	46	149
Summers	107	1	57	49	1	1	0	0	42	108
Taylor	145	0	72	72	1	0	0	0	58	145
Tucker	59	1	34	25	0	1	0	0	19	60
Tyler	95	0	52	43	0	0	0	0	31	95
Upshur	268	2	117	149	2	0	1	1	120	270
Wayne	442	1	237	202	2	1	0	1	141	443
Webster	106	0	63	43	0	0	0	0	33	106
Wetzel	215	4	107	111	0	0	0	1	95	219
Wirt	53	0	23	30	0	0	0	0	19	53
Wood	1,015	6	489	505	8	10	7	2	389	1,021
Wyoming	272	1	144	127	1	0	0	1	101	273
Total	20,626	208	10,284	9,607	366	332	126	119	7,589	20,834

* Includes hospitals, en route to hospitals, and birthing centers
** Includes 140 unknowns.

Trimester Prenatal Care Began by County
West Virginia Residents, 2005
Table 18

County	First Trimester		Second Trimester		Third Trimester		No Care		Unknown		Total
	Births	%	Births	%	Births	%	Births	%	Births	%	
Barbour	164	86.3	18	9.5	3	1.6	3	1.6	2	1.1	190
Berkeley	1,151	87.9	103	7.9	24	1.8	8	0.6	23	1.8	1,309
Boone	235	76.3	52	16.9	8	2.6	2	0.6	11	3.6	308
Braxton	119	82.6	18	12.5	1	0.7	1	0.7	5	3.5	144
Brooke	160	71.1	31	13.8	8	3.6	2	0.9	24	10.7	225
Cabell	969	84.9	136	11.9	21	1.8	5	0.4	11	1.0	1,142
Calhoun	78	87.6	8	9.0	2	2.2	0	0.0	1	1.1	89
Clay	92	79.3	16	13.8	2	1.7	2	1.7	4	3.4	116
Doddridge	70	93.3	3	4.0	2	2.7	0	0.0	0	0.0	75
Fayette	452	77.1	83	14.2	7	1.2	6	1.0	38	6.5	586
Gilmer	74	93.7	5	6.3	0	0.0	0	0.0	0	0.0	79
Grant	103	90.4	8	7.0	1	0.9	2	1.8	0	0.0	114
Greenbrier	293	76.7	59	15.4	8	2.1	8	2.1	14	3.7	382
Hampshire	208	87.8	24	10.1	1	0.4	3	1.3	1	0.4	237
Hancock	214	65.4	46	14.1	8	2.4	3	0.9	56	17.1	327
Hardy	122	79.7	25	16.3	5	3.3	0	0.0	1	0.7	153
Harrison	739	89.4	73	8.8	1	0.1	7	0.8	7	0.8	827
Jackson	281	84.4	31	9.3	13	3.9	2	0.6	6	1.8	333
Jefferson	566	87.6	57	8.8	11	1.7	3	0.5	9	1.4	646
Kanawha	1,744	76.8	372	16.4	53	2.3	18	0.8	85	3.7	2,272
Lewis	193	88.9	13	6.0	2	0.9	1	0.5	8	3.7	217
Lincoln	254	87.6	30	10.3	3	1.0	0	0.0	3	1.0	290
Logan	267	62.7	102	23.9	24	5.6	3	0.7	30	7.0	426
McDowell	176	64.0	66	24.0	22	8.0	4	1.5	7	2.5	275
Marion	503	82.3	90	14.7	6	1.0	4	0.7	8	1.3	611
Marshall	265	86.6	31	10.1	3	1.0	2	0.7	5	1.6	306
Mason	268	86.5	29	9.4	9	2.9	0	0.0	4	1.3	310
Mercer	531	75.4	129	18.3	26	3.7	15	2.1	3	0.4	704
Mineral	215	78.2	53	19.3	4	1.5	1	0.4	2	0.7	275
Mingo	153	41.4	35	9.5	7	1.9	3	0.8	172	46.5	370
Monongalia	707	80.1	151	17.1	16	1.8	1	0.1	8	0.9	883
Monroe	100	74.6	27	20.1	4	3.0	1	0.7	2	1.5	134
Morgan	143	89.9	12	7.5	2	1.3	0	0.0	2	1.3	159
Nicholas	242	74.2	63	19.3	12	3.7	1	0.3	8	2.5	326
Ohio	423	81.8	67	13.0	6	1.2	3	0.6	18	3.5	517
Pendleton	78	95.1	3	3.7	1	1.2	0	0.0	0	0.0	82
Pleasants	52	91.2	5	8.8	0	0.0	0	0.0	0	0.0	57
Pocahontas	57	75.0	11	14.5	5	6.6	1	1.3	2	2.6	76
Preston	251	85.7	37	12.6	3	1.0	0	0.0	2	0.7	293
Putnam	558	86.4	64	9.9	7	1.1	3	0.5	14	2.2	646
Raleigh	770	83.8	85	9.2	10	1.1	8	0.9	46	5.0	919
Randolph	322	91.2	26	7.4	2	0.6	1	0.3	2	0.6	353
Ritchie	92	84.4	14	12.8	1	0.9	2	1.8	0	0.0	109
Roane	128	85.9	18	12.1	2	1.3	0	0.0	1	0.7	149
Summers	85	78.7	12	11.1	3	2.8	3	2.8	5	4.6	108
Taylor	124	85.5	17	11.7	1	0.7	2	1.4	1	0.7	145
Tucker	56	93.3	3	5.0	0	0.0	0	0.0	1	1.7	60
Tyler	84	88.4	10	10.5	0	0.0	0	0.0	1	1.1	95
Upshur	228	84.4	30	11.1	5	1.9	2	0.7	5	1.9	270
Wayne	371	83.7	29	6.5	3	0.7	2	0.5	38	8.6	443
Webster	91	85.8	12	11.3	1	0.9	1	0.9	1	0.9	106
Wetzel	187	85.4	23	10.5	3	1.4	1	0.5	5	2.3	219
Wirt	50	94.3	3	5.7	0	0.0	0	0.0	0	0.0	53
Wood	923	90.4	73	7.1	12	1.2	5	0.5	8	0.8	1,021
Wyoming	201	73.6	47	17.2	8	2.9	1	0.4	16	5.9	273
Total	16,982	81.5	2,588	12.4	392	1.9	146	0.7	726	3.5	20,834

**Number of Prenatal Visits by County
West Virginia Resident Births, 2005
Table 19**

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	4	2.1	6	3.2	33	17.4	106	55.8	40	21.1	1	0.5	190
Berkeley	8	0.6	63	4.8	229	17.5	866	66.2	122	9.3	21	1.6	1,309
Boone	1	0.3	24	7.8	138	44.8	108	35.1	28	9.1	9	2.9	308
Braxton	1	0.7	7	4.9	50	34.7	75	52.1	10	6.9	1	0.7	144
Brooke	2	0.9	7	3.1	53	23.6	137	60.9	10	4.4	16	7.1	225
Cabell	6	0.5	62	5.4	425	37.2	579	50.7	67	5.9	3	0.3	1,142
Calhoun	0	0.0	5	5.6	23	25.8	50	56.2	11	12.4	0	0.0	89
Clay	2	1.7	15	12.9	46	39.7	39	33.6	10	8.6	4	3.4	116
Doddridge	0	0.0	1	1.3	5	6.7	44	58.7	25	33.3	0	0.0	75
Fayette	7	1.2	33	5.6	165	28.2	300	51.2	74	12.6	7	1.2	586
Gilmer	0	0.0	2	2.5	15	19.0	50	63.3	12	15.2	0	0.0	79
Grant	2	1.8	4	3.5	17	14.9	67	58.8	24	21.1	0	0.0	114
Greenbrier	8	2.1	10	2.6	55	14.4	255	66.8	49	12.8	5	1.3	382
Hampshire	3	1.3	11	4.6	37	15.6	182	76.8	3	1.3	1	0.4	237
Hancock	3	0.9	13	4.0	98	30.0	168	51.4	16	4.9	29	8.9	327
Hardy	1	0.7	5	3.3	25	16.3	101	66.0	21	13.7	0	0.0	153
Harrison	7	0.8	12	1.5	98	11.9	518	62.6	188	22.7	4	0.5	827
Jackson	2	0.6	18	5.4	97	29.1	180	54.1	32	9.6	4	1.2	333
Jefferson	3	0.5	10	1.5	136	21.1	421	65.2	65	10.1	11	1.7	646
Kanawha	21	0.9	194	8.5	893	39.3	901	39.7	225	9.9	38	1.7	2,272
Lewis	1	0.5	3	1.4	32	14.7	146	67.3	33	15.2	2	0.9	217
Lincoln	0	0.0	11	3.8	104	35.9	141	48.6	33	11.4	1	0.3	290
Logan	4	0.9	46	10.8	198	46.5	145	34.0	23	5.4	10	2.3	426
McDowell	7	2.5	39	14.2	99	36.0	118	42.9	9	3.3	3	1.1	275
Marion	4	0.7	14	2.3	172	28.2	375	61.4	44	7.2	2	0.3	611
Marshall	2	0.7	2	0.7	76	24.8	203	66.3	19	6.2	4	1.3	306
Mason	0	0.0	16	5.2	90	29.0	175	56.5	27	8.7	2	0.6	310
Mercer	15	2.1	48	6.8	253	35.9	328	46.6	60	8.5	0	0.0	704
Mineral	2	0.7	11	4.0	124	45.1	126	45.8	11	4.0	1	0.4	275
Mingo	2	0.5	27	7.3	109	29.5	122	33.0	91	24.6	19	5.1	370
Monongalia	2	0.2	30	3.4	201	22.8	577	65.3	69	7.8	4	0.5	883
Monroe	1	0.7	3	2.2	35	26.1	76	56.7	19	14.2	0	0.0	134
Morgan	0	0.0	8	5.0	24	15.1	116	73.0	10	6.3	1	0.6	159
Nicholas	1	0.3	22	6.7	126	38.7	149	45.7	26	8.0	2	0.6	326
Ohio	3	0.6	6	1.2	134	25.9	344	66.5	16	3.1	14	2.7	517
Pendleton	0	0.0	2	2.4	12	14.6	54	65.9	14	17.1	0	0.0	82
Pleasants	0	0.0	1	1.8	7	12.3	29	50.9	20	35.1	0	0.0	57
Pocahontas	1	1.3	8	10.5	24	31.6	37	48.7	6	7.9	0	0.0	76
Preston	0	0.0	10	3.4	70	23.9	180	61.4	31	10.6	2	0.7	293
Putnam	5	0.8	28	4.3	245	37.9	309	47.8	57	8.8	2	0.3	646
Raleigh	7	0.8	47	5.1	182	19.8	520	56.6	160	17.4	3	0.3	919
Randolph	1	0.3	19	5.4	85	24.1	170	48.2	77	21.8	1	0.3	353
Ritchie	2	1.8	1	0.9	16	14.7	62	56.9	28	25.7	0	0.0	109
Roane	0	0.0	7	4.7	46	30.9	73	49.0	23	15.4	0	0.0	149
Summers	3	2.8	6	5.6	23	21.3	61	56.5	14	13.0	1	0.9	108
Taylor	2	1.4	6	4.1	28	19.3	83	57.2	25	17.2	1	0.7	145
Tucker	0	0.0	1	1.7	15	25.0	34	56.7	9	15.0	1	1.7	60
Tyler	0	0.0	0	0.0	22	23.2	55	57.9	17	17.9	1	1.1	95
Upshur	2	0.7	6	2.2	55	20.4	155	57.4	51	18.9	1	0.4	270
Wayne	3	0.7	22	5.0	147	33.2	231	52.1	33	7.4	7	1.6	443
Webster	1	0.9	6	5.7	27	25.5	60	56.6	12	11.3	0	0.0	106
Wetzel	1	0.5	5	2.3	54	24.7	138	63.0	17	7.8	4	1.8	219
Wirt	0	0.0	4	7.5	6	11.3	30	56.6	13	24.5	0	0.0	53
Wood	4	0.4	16	1.6	141	13.8	603	59.1	246	24.1	11	1.1	1,021
Wyoming	2	0.7	20	7.3	85	31.1	128	46.9	36	13.2	2	0.7	273
Total	159	0.8	1,003	4.8	5,705	27.4	11,300	54.2	2,411	11.6	256	1.2	20,834

West Virginia Bureau for Public Health
Health Statistics Center, 2007

**Prenatal Care by Mother's Race, Marital Status, and Education
West Virginia Resident Births, 2005**

Table 20

Birth Characteristics	Time Prenatal Care Began					Total
	First Trimester	Second Trimester	Third Trimester	No Care	Unk.	
Mother's Race: White	16,327	2,396	356	130	682	19,891
Mother's Marital Status						
Married	11,171	1,118	137	54	416	12,896
Not Married	5,156	1,278	219	76	266	6,995
Mother's Educational Level						
8 Years and Under	268	98	23	5	28	422
9 - 11 Years	2,272	614	112	31	100	3,129
12 Years	6,119	981	126	63	299	7,588
13 - 15 Years	3,839	429	58	16	121	4,463
16 Years or More	3,717	240	34	8	82	4,081
Unknown	112	34	3	7	52	208
Mother's Race: Black	481	148	28	9	32	698
Mother's Marital Status						
Married	138	22	3	1	7	171
Not Married	343	126	25	8	25	527
Mother's Educational Level						
8 Years and Under	2	4	1	0	1	8
9 - 11 Years	90	45	13	4	8	160
12 Years	174	57	9	3	12	255
13 - 15 Years	139	30	4	2	6	181
16 Years or More	67	9	1	0	4	81
Unknown	9	3	0	0	1	13
Mother's Race: Other	174	44	8	7	12	245
Mother's Marital Status						
Married	139	22	6	2	9	178
Not Married	35	22	2	5	3	67
Mother's Educational Level						
8 Years and Under	5	3	0	1	1	10
9 - 11 Years	8	7	2	1	1	19
12 Years	30	20	2	2	3	57
13 - 15 Years	42	3	2	1	1	49
16 Years or More	88	11	2	1	2	104
Unknown	1	0	0	1	4	6

**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, 2005
Table 21**

County	Pregnancy Risk Factors			Cesarean Section		1 or more Complications of Labor and/ or Delivery	1 or more Congenital Anomalies	1 or more Abnormal Conditions of the Newborn
	Alcohol Use	Tobacco Use	1 or More Medical Risk Factors	Primary	Repeat			
Barbour	0.0	24.2	22.6	17.4	11.1	25.8	1.1	2.6
Berkeley	0.5	20.2	47.0	18.0	14.7	33.2	1.3	8.6
Boone	0.0	39.0	52.9	28.2	15.6	39.3	1.0	2.9
Braxton	0.7	31.3	36.1	14.6	11.1	22.2	2.8	4.2
Brooke	0.0	25.8	33.3	18.7	17.3	30.2	0.4	4.4
Cabell	0.2	24.7	29.5	18.3	13.3	34.4	0.8	2.2
Calhoun	0.0	29.2	41.6	22.5	13.5	39.3	2.2	5.6
Clay	0.0	41.4	60.3	30.2	14.7	42.2	0.9	0.0
Doddridge	0.0	29.3	24.0	17.3	18.7	20.0	0.0	1.3
Fayette	0.0	29.9	60.2	18.9	12.3	37.0	6.1	8.2
Gilmer	0.0	31.6	24.1	12.7	12.7	20.3	2.5	2.5
Grant	0.0	27.2	29.8	20.2	8.8	57.0	0.9	3.5
Greenbrier	0.3	28.8	29.6	14.4	11.3	32.5	7.3	20.9
Hampshire	0.0	24.5	28.7	16.5	13.5	32.9	0.8	4.6
Hancock	0.6	22.3	36.1	19.3	15.9	34.9	1.2	3.4
Hardy	0.7	17.6	28.1	22.2	17.0	43.8	2.6	2.6
Harrison	0.1	24.2	22.6	22.0	15.4	25.0	0.7	5.0
Jackson	0.0	24.3	36.6	27.6	12.9	35.4	1.2	2.1
Jefferson	0.3	15.3	41.2	18.1	13.9	37.5	1.7	6.7
Kanawha	0.2	27.6	52.2	28.3	15.2	39.0	0.7	1.7
Lewis	0.0	29.0	24.0	15.7	12.0	23.0	1.8	3.2
Lincoln	0.0	33.4	38.6	18.3	15.9	25.9	2.1	0.7
Logan	0.5	38.3	40.6	25.8	19.2	32.4	0.5	1.6
McDowell	1.5	48.7	30.5	22.5	16.7	32.7	2.5	5.8
Marion	0.8	26.7	41.7	20.3	11.8	41.6	2.1	16.0
Marshall	0.3	27.1	35.6	18.0	12.4	30.7	0.7	3.3
Mason	0.0	27.7	32.9	21.9	12.6	27.7	1.3	1.9
Mercer	1.0	32.5	34.4	18.2	10.1	31.0	1.7	4.8
Mineral	0.0	17.1	48.7	18.5	14.9	44.0	2.9	10.9
Mingo	0.8	33.8	18.4	22.7	28.1	16.2	0.0	1.4

**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, 2005
Table 21 (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	1.0	16.9	29.0	21.3	7.2	31.4	2.3	2.9
Monroe	0.0	23.1	35.1	11.9	7.5	26.1	3.0	14.9
Morgan	1.9	20.1	37.7	22.0	17.0	32.7	1.3	4.4
Nicholas	1.8	32.8	50.9	19.6	17.8	35.9	5.8	8.0
Ohio	0.4	25.0	28.0	14.7	14.1	23.0	0.6	3.3
Pendleton	1.2	11.0	39.0	19.5	20.7	48.8	1.2	4.9
Pleasants	0.0	14.0	24.6	12.3	15.8	19.3	0.0	3.5
Pocahontas	0.0	34.2	30.3	19.7	11.8	32.9	2.6	10.5
Preston	0.3	29.7	33.1	20.1	7.5	47.4	3.4	6.8
Putnam	0.8	19.0	42.6	26.0	15.5	36.4	0.5	2.8
Raleigh	0.1	25.8	62.9	18.9	11.8	34.3	10.0	13.3
Randolph	0.6	29.7	26.1	18.7	14.2	28.9	0.8	5.7
Ritchie	0.0	24.8	32.1	19.3	10.1	25.7	1.8	0.9
Roane	0.0	21.5	40.9	18.1	13.4	38.9	0.7	6.7
Summers	0.0	30.6	45.4	12.0	11.1	26.9	3.7	12.0
Taylor	0.7	26.2	32.4	29.0	9.7	42.8	1.4	11.0
Tucker	0.0	30.0	21.7	11.7	15.0	33.3	3.3	5.0
Tyler	1.1	33.7	32.6	24.2	12.6	36.8	3.2	8.4
Upshur	1.5	25.9	18.1	17.4	8.1	25.6	0.7	4.4
Wayne	0.7	29.6	29.3	19.9	14.2	30.2	0.9	1.6
Webster	0.0	37.7	46.2	14.2	11.3	30.2	0.9	8.5
Wetzel	0.9	28.8	38.4	19.6	13.7	39.3	2.3	5.9
Wirt	0.0	32.1	34.0	11.3	9.4	20.8	0.0	3.8
Wood	0.4	24.3	22.3	14.4	13.1	22.0	1.2	2.4
Wyoming	0.7	39.9	56.0	19.0	11.7	33.3	4.8	11.7
Total	0.4	26.4	38.3	20.4	13.7	32.9	2.0	5.4

**Births by Method of Delivery
Number and Percent by Facility of Occurrence
West Virginia, 2005
Table 22**

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	776	473	61.0	3	0.4	282	36.3	177	22.8	105	13.5
CAMC - Women & Children's	3,098	1,789	57.7	11	0.4	1,298	41.9	855	27.6	443	14.3
Cabell-Huntington Hospital	2,558	1,644	64.3	10	0.4	904	35.3	515	20.1	389	15.2
Camden-Clark Memorial Hospital	1,297	897	69.2	5	0.4	364	28.1	186	14.3	178	13.7
City Hospital	923	615	66.6	0	0.0	308	33.4	162	17.6	146	15.8
Davis Memorial Hospital	480	318	66.2	3	0.6	159	33.1	88	18.3	71	14.8
Fairmont General Hospital	391	250	63.9	0	0.0	141	36.1	84	21.5	57	14.6
Grant Memorial Hospital	263	164	62.4	0	0.0	99	37.6	64	24.3	35	13.3
Greenbrier Valley Hospital	557	416	74.7	21	3.8	117	21.0	73	13.1	44	7.9
Jackson General Hospital	86	58	67.4	0	0.0	28	32.6	23	26.7	5	5.8
Jefferson Memorial Hospital	229	174	76.0	4	1.7	51	22.3	22	9.6	29	12.7
Logan Regional Medical Center	346	194	56.1	1	0.3	144	41.6	85	24.6	59	17.1
Monongalia General Hospital	633	448	70.8	0	0.0	173	27.3	156	24.6	17	2.7
Morgan County War Memorial Hospital	2	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0
Ohio Valley Medical Center	450	299	66.4	5	1.1	145	32.2	69	15.3	76	16.9
Pleasant Valley Hospital	192	99	51.6	0	0.0	93	48.4	59	30.7	34	17.7
Preston Memorial Hospital	132	98	74.2	3	2.3	31	23.5	22	16.7	9	6.8
Princeton Community Hospital	416	310	74.5	5	1.2	101	24.3	67	16.1	34	8.2
Raleigh General Hospital	1,632	1,135	69.5	5	0.3	465	28.5	263	16.1	202	12.4

**Births by Method of Delivery
Number and Percent by Facility of Occurrence
West Virginia, 2005
Table 22 (continued)**

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
Reynolds Memorial Hospital	113	70	61.9	0	0.0	41	36.3	24	21.2	17	15.0
Roane General Hospital	95	70	73.7	1	1.1	24	25.3	8	8.4	16	16.8
St. Joseph's Hospital (Upshur)	385	308	80.0	4	1.0	69	17.9	46	11.9	23	6.0
St. Joseph's Hospital (Wood)	349	262	75.1	6	1.7	76	21.8	50	14.3	26	7.4
St. Mary's Medical Center	448	327	73.0	3	0.7	118	26.3	69	15.4	49	10.9
Stonewall Jackson Memorial Hospital	254	176	69.3	5	2.0	73	28.7	37	14.6	36	14.2
Summersville Memorial Hospital	233	147	63.1	0	0.0	83	35.6	45	19.3	38	16.3
Thomas Memorial Hospital	806	362	44.9	1	0.1	442	54.8	271	33.6	171	21.2
United Hospital Center	911	562	61.7	15	1.6	334	36.7	193	21.2	141	15.5
Webster County Memorial Hospital	2	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0
Weirton Medical Center	389	224	57.6	0	0.0	155	39.8	92	23.7	63	16.2
Welch Community Hospital	78	48	61.5	1	1.3	28	35.9	16	20.5	12	15.4
Wetzel County Hospital	145	94	64.8	0	0.0	51	35.2	31	21.4	20	13.8
Wheeling Hospital	933	641	68.7	7	0.8	285	30.5	166	17.8	119	12.8
Williamson Memorial Hospital	71	9	12.7	0	0.0	62	87.3	19	26.8	43	60.6
WomanCARE, Inc.	26	26	100.0	0	0.0	0	0.0	0	0.0	0	0.0
WVU Hospitals, Inc.	1,372	856	62.4	31	2.3	485	35.3	326	23.8	159	11.6
--Nonhospital births	79	72	91.1	4	5.1	2	2.5	0	0.0	2	2.5
Total West Virginia Occurrences	21,150	13,639	64.5	154	0.7	7,231	34.2	4,363	20.6	2,868	13.6

**Mother's Marital Status and Method of Paternity Establishment
Unmarried Mothers by Hospital of Birth's Occurrence
West Virginia Occurrence Births, 2005
Table 23**

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	776	446	330	194	22	114
CAMC - Women & Children's	3,098	2,050	1,048	650	71	327
Cabell-Huntington Hospital	2,558	1,655	903	588	34	281
Camden-Clark Memorial Hospital	1,297	796	501	378	9	114
City Hospital	923	446	477	278	16	183
Davis Memorial Hospital	480	289	191	134	7	50
Fairmont General Hospital	391	229	162	113	5	44
Grant Memorial Hospital	263	126	137	109	5	23
Greenbrier Valley Hospital	557	347	210	120	23	67
Jackson General Hospital	86	41	45	28	2	15
Jefferson Memorial Hospital	229	120	109	73	0	36
Logan Regional Medical Center	346	191	155	76	11	68
Monongalia General Hospital	633	469	164	121	9	34
Morgan County War Memorial Hospital	2	1	1	1	0	0
Ohio Valley Medical Center	450	270	180	123	6	51
Pleasant Valley Hospital	192	99	93	69	0	24
Preston Memorial Hospital	132	83	49	37	5	7
Princeton Community Hospital	416	287	129	73	9	47
Raleigh General Hospital	1,632	1,021	611	333	36	242
Reynolds Memorial Hospital	113	52	61	45	1	15
Roane General Hospital	95	55	40	22	2	16
St. Joseph's Hospital (Upshur)	385	244	141	92	6	43
St. Joseph's Hospital (Wood)	349	286	63	41	5	17
St. Mary's Medical Center	448	328	120	80	4	36
Stonewall Jackson Memorial Hospital	254	148	106	66	5	35
Summersville Memorial Hospital	233	134	99	55	5	39
Thomas Memorial Hospital	806	462	344	252	13	79
United Hospital Center	911	561	350	262	7	81
Webster County Memorial Hospital	2	1	1	0	0	1
Weirton Medical Center	389	243	146	110	3	33
Welch Community Hospital	78	26	52	28	3	21
Wetzel County Hospital	145	76	69	48	3	18
Wheeling Hospital	933	571	362	272	9	81
Williamson Memorial Hospital	71	49	22	9	1	12
WomanCARE, Inc.	26	18	8	5	0	3
WVU Hospitals, Inc.	1,372	912	460	299	25	136
--Nonhospital births	79	54	25	15	2	8
Total West Virginia Occurrences	21,150	13,186	7,964	5,199	364	2,401

West Virginia Bureau for Public Health
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**Number and Rate of Births by City of Residence
West Virginia, 2005
Table 24**

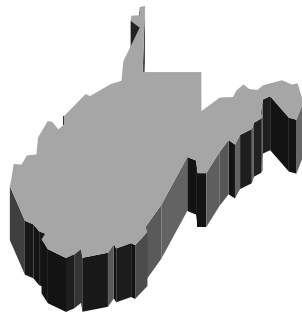
Cities with Populations of 10,000 or More	2000 Census Population	Resident Births	Rate per 1,000 Population
Beckley	16,936	320	18.9
Bluefield	11,119	161	14.5
Charleston	51,176	860	16.8
Clarksburg	16,439	252	15.3
Fairmont	19,049	227	11.9
Huntington	49,198	593	12.1
Martinsburg	15,996	474	29.6
Morgantown	28,292	520	18.4
Moundsville	9,567	93	9.7
Parkersburg	32,020	509	15.9
Saint Albans	11,105	178	16.0
South Charleston	12,700	180	14.2
Vienna	10,770	119	11.0
Weirton	19,544	213	10.9
Wheeling	29,639	388	13.1

West Virginia Bureau for Public Health
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**Out-of-State Occurrences
West Virginia Resident Births, 2001-2005
Table 25**

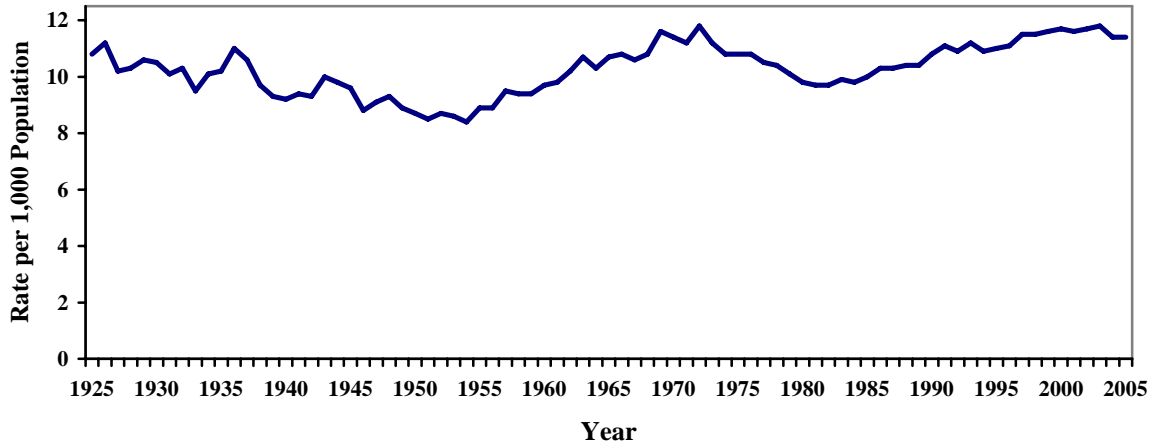
State	2001 Births	2002 Births	2003 Births	2004 Births	2005 Births
Virginia	849	911	962	995	1,035
Maryland	577	560	594	624	596
Ohio	326	365	386	372	376
Pennsylvania	113	148	139	148	123
Kentucky	174	174	172	182	215
All Other States	43	55	44	60	53
Total	2,082	2,213	2,297	2,381	2,398

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West Virginia Vital Statistics
Deaths

**Number and Rate of Resident Deaths
West Virginia, 1925-2005
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
2001	20,978	11.6
2002	20,999	11.7
2003	21,299	11.8
2004	20,776	11.4
2005	20,773	11.4

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**Number of Deaths by Race and Gender by County of Residence
West Virginia, 2005
Table 26**

County	White		Black		Other		Total
	Male	Female	Male	Female	Male	Female	
Barbour	93	99	1	0	1	1	195
Berkeley	362	312	22	13	1	0	710
Boone	162	140	0	0	0	0	302
Braxton	74	73	0	0	1	0	148
Brooke	145	166	1	0	0	0	312
Cabell	574	606	22	22	0	1	1,225
Calhoun	54	43	1	0	0	0	98
Clay	67	56	0	0	0	0	123
Doddridge	35	49	0	0	0	0	84
Fayette	280	266	15	25	0	0	586
Gilmer	43	37	2	0	0	0	82
Grant	65	58	0	2	0	0	125
Greenbrier	233	218	10	10	0	1	472
Hampshire	121	83	1	0	0	1	206
Hancock	215	217	5	4	0	0	441
Hardy	63	63	2	0	0	0	128
Harrison	396	428	7	2	0	1	834
Jackson	182	147	0	0	0	1	330
Jefferson	168	181	10	20	0	0	379
Kanawha	1,113	1,216	72	84	0	4	2,489
Lewis	113	121	0	0	0	0	234
Lincoln	125	117	0	0	0	0	242
Logan	253	251	14	7	1	0	526
McDowell	149	141	28	30	0	0	348
Marion	275	359	9	14	0	0	657
Marshall	191	202	0	0	1	0	394
Mason	161	148	0	0	0	2	311
Mercer	365	373	23	32	1	1	795
Mineral	132	176	2	3	0	0	313
Mingo	163	165	2	5	0	0	335
Monongalia	302	312	8	7	2	1	632
Monroe	80	80	1	0	0	0	161
Morgan	91	92	0	0	0	0	183
Nicholas	153	165	0	0	0	0	318
Ohio	246	296	5	5	0	0	552
Pendleton	38	51	0	3	0	0	92
Pleasants	49	53	0	0	0	0	102
Pocahontas	70	56	0	1	0	0	127
Preston	167	141	0	2	0	0	310
Putnam	229	250	1	0	0	0	480
Raleigh	389	438	29	35	0	0	891
Randolph	151	173	0	3	0	1	328
Ritchie	47	62	0	0	0	0	109
Roane	91	73	0	1	0	0	165
Summers	74	72	2	2	0	0	150
Taylor	85	95	0	0	0	0	180
Tucker	35	55	0	0	0	0	90
Tyler	55	52	0	0	0	0	107
Upshur	124	136	0	1	0	0	261
Wayne	263	244	0	1	0	0	508
Webster	49	61	0	0	0	0	110
Wetzel	90	95	0	0	0	0	185
Wirt	37	36	0	0	0	0	73
Wood	461	474	1	2	0	1	939
Wyoming	164	129	2	1	0	0	296
Total	9,912	10,202	298	337	8	16	20,773

**Number of Deaths by County of Residence and Occurrence
West Virginia, 2005
Table 27**

County	Residence	Occurrence	County	Residence	Occurrence
Barbour	195	133	Monongalia	632	1,238
Berkeley	710	734	Monroe	161	79
Boone	302	192	Morgan	183	120
Braxton	148	120	Nicholas	318	247
Brooke	312	400	Ohio	552	907
Cabell	1,225	1,846	Pendleton	92	61
Calhoun	98	65	Pleasants	102	34
Clay	123	66	Pocahontas	127	92
Doddridge	84	32	Preston	310	218
Fayette	586	439	Putnam	480	402
Gilmer	82	42	Raleigh	891	1,079
Grant	125	138	Randolph	328	346
Greenbrier	472	451	Ritchie	109	54
Hampshire	206	145	Roane	165	137
Hancock	441	166	Summers	150	116
Hardy	128	58	Taylor	180	145
Harrison	834	959	Tucker	90	65
Jackson	330	251	Tyler	107	77
Jefferson	379	299	Upshur	261	210
Kanawha	2,489	3,123	Wayne	508	359
Lewis	234	188	Webster	110	68
Lincoln	242	112	Wetzel	185	168
Logan	526	480	Wirt	73	29
McDowell	348	251	Wood	939	1,109
Marion	657	552	Wyoming	296	104
Marshall	394	273			
Mason	311	267			
Mercer	795	900	Total	20,773 *	20,523
Mineral	313	187			
Mingo	335	190			

* Includes 1,883 West Virginia resident deaths occurring out-of-state

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**Out-of-State Occurrences
West Virginia Resident Deaths, 2001-2005
Table 28**

State	2001 Deaths	2002 Deaths	2003 Deaths	2004 Deaths	2005 Deaths
Virginia	503	506	463	516	509
Ohio	463	486	488	470	516
Maryland	286	310	314	267	291
Pennsylvania	211	188	216	210	190
Kentucky	119	120	146	139	167
North Carolina	63	56	69	48	51
Florida	57	50	54	57	47
District of Columbia	14	11	21	9	20
Tennessee	22	26	16	20	15
All Other States	104	92	108	101	76
Other Countries	1	0	0	0	1
Total	1,843	1,845	1,895	1,837	1,883

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**Number of Deaths by County of Residence
West Virginia, 2001-2005
Table 29**

County	2001	2002	2003	2004	2005	County	2001	2002	2003	2004	2005
Barbour	178	182	193	190	195	Monongalia	656	651	591	613	632
Berkeley	679	652	750	767	710	Monroe	138	145	153	162	161
Boone	287	307	307	289	302	Morgan	172	183	185	174	183
Braxton	171	187	200	150	148	Nicholas	279	305	294	285	318
Brooke	337	307	342	332	312	Ohio	632	580	622	602	552
Cabell	1,167	1,167	1,240	1,165	1,225	Pendleton	68	96	86	99	92
Calhoun	99	82	98	91	98	Pleasants	90	94	92	85	102
Clay	116	130	106	113	123	Pocahontas	128	112	116	139	127
Doddridge	76	79	82	89	84	Preston	298	357	340	317	310
Fayette	675	593	596	602	586	Putnam	419	450	488	464	480
Gilmer	64	79	87	78	82	Raleigh	941	970	924	882	891
Grant	126	105	111	118	125	Randolph	346	343	363	353	328
Greenbrier	466	424	438	452	472	Ritchie	125	124	140	126	109
Hampshire	190	227	210	216	206	Roane	198	170	183	180	165
Hancock	451	434	437	424	441	Summers	177	179	168	165	150
Hardy	149	138	157	141	128	Taylor	203	198	176	195	180
Harrison	873	891	870	844	834	Tucker	70	96	97	85	90
Jackson	305	316	300	259	330	Tyler	104	127	117	104	107
Jefferson	364	380	421	388	379	Upshur	262	241	271	267	261
Kanawha	2,553	2,510	2,469	2,463	2,489	Wayne	452	510	444	446	508
Lewis	207	224	245	209	234	Webster	117	118	114	119	110
Lincoln	261	240	268	276	242	Wetzel	206	212	204	234	185
Logan	497	498	470	475	526	Wirt	50	59	57	58	73
McDowell	395	375	369	397	348	Wood	1,001	1,002	992	931	939
Marion	803	734	797	694	657	Wyoming	276	265	310	327	296
Marshall	349	386	398	396	394						
Mason	265	283	320	289	311						
Mercer	833	837	821	816	795	Total	20,978	20,999	21,299	20,776	20,773
Mineral	316	314	305	304	313						
Mingo	318	331	365	337	335						

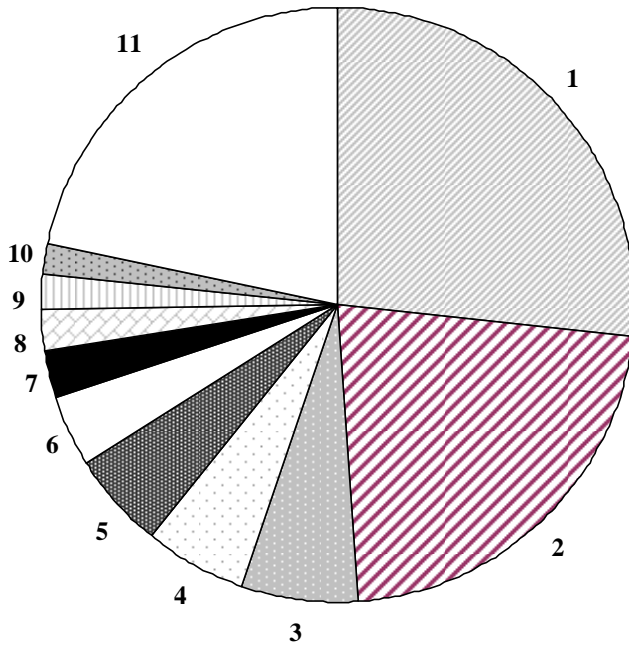
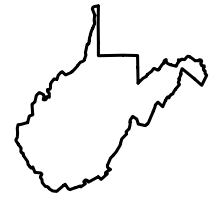
**Age at Death by County of Residence
West Virginia, 2005
Table 30**

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	195	2	0	1	0	0	2	6	13	16	16	35	62	42	70.2
Berkeley	710	12	2	0	3	4	6	11	32	64	112	138	191	135	68.5
Boone	302	3	0	1	0	0	2	8	16	14	49	64	81	64	70.2
Braxton	148	3	0	0	0	2	0	3	9	5	23	28	37	38	70.6
Brooke	312	1	2	0	1	1	0	3	5	13	23	64	104	95	75.6
Cabell	1,225	11	3	2	0	8	9	19	36	94	138	212	389	304	72.1
Calhoun	98	0	0	0	0	2	0	1	3	6	12	13	29	32	74.8
Clay	123	0	0	0	0	2	1	4	2	7	19	28	36	24	70.7
Doddridge	84	0	0	0	1	0	0	1	3	4	10	21	25	19	73.5
Fayette	586	4	1	1	0	6	4	4	14	45	89	104	164	150	72.2
Gilmer	82	1	0	0	0	0	0	2	4	10	7	14	18	26	72.8
Grant	125	0	0	0	1	0	0	1	3	6	11	25	33	45	76.7
Greenbrier	472	3	1	0	0	0	2	12	13	27	49	83	139	143	74.2
Hampshire	206	5	0	0	1	2	1	1	9	19	31	42	42	53	69.5
Hancock	441	0	0	0	1	2	2	6	14	24	53	85	142	112	73.8
Hardy	128	0	0	0	0	1	0	2	4	6	15	29	29	42	74.5
Harrison	834	9	1	0	0	6	8	7	21	58	92	133	255	244	73.6
Jackson	330	3	0	0	1	2	3	4	10	17	37	75	94	84	72.8
Jefferson	379	3	0	0	0	4	2	7	12	32	55	72	106	86	71.2
Kanawha	2,489	18	5	2	2	11	16	34	85	196	259	416	800	645	72.9
Lewis	234	2	0	0	0	0	1	2	3	19	29	45	67	66	74.1
Lincoln	242	4	1	0	0	1	2	8	6	25	36	49	61	49	68.5
Logan	526	3	1	1	2	3	4	13	28	46	78	112	145	90	68.6
McDowell	348	4	0	2	0	0	3	13	20	38	52	54	86	76	68.2
Marion	657	3	0	0	1	2	4	3	20	45	69	106	212	192	74.6
Marshall	394	0	0	0	1	3	0	3	12	28	42	77	114	114	74.3
Mason	311	2	0	0	0	3	3	8	8	24	34	63	93	73	71.9
Mercer	795	2	1	0	0	2	9	17	28	54	83	127	248	224	73.3
Mineral	313	7	0	0	0	0	1	3	12	23	30	55	82	100	73.4
Mingo	335	5	0	0	1	0	5	15	18	33	38	71	89	60	67.5
Monongalia	632	7	0	1	4	4	3	10	24	40	68	109	197	165	72.5
Monroe	161	0	1	0	0	1	2	2	5	10	25	22	43	50	72.8
Morgan	183	1	0	0	0	1	2	4	4	10	30	27	56	48	72.6
Nicholas	318	3	0	0	0	2	3	4	7	19	38	67	103	72	72.7
Ohio	552	5	1	0	0	0	2	4	14	38	42	88	185	173	75.3
Pendleton	92	0	0	0	0	0	0	0	3	4	6	12	33	34	79.2
Pleasants	102	2	0	0	0	1	1	0	2	5	12	20	29	30	73.3
Pocahontas	127	1	0	0	0	0	2	1	4	4	20	32	37	26	72.3
Preston	310	1	0	0	1	0	4	1	5	15	35	55	97	96	75.6
Putnam	480	4	0	1	1	4	3	7	18	28	60	100	139	115	71.9
Raleigh	891	7	0	3	3	4	3	18	32	59	131	142	278	211	71.6
Randolph	328	4	2	1	0	2	2	4	7	18	42	49	95	102	73.6
Ritchie	109	0	1	0	0	0	0	0	5	2	16	25	30	30	74.3
Roane	165	0	0	1	0	3	1	2	12	23	18	29	45	31	68.5
Summers	150	1	0	0	0	0	3	3	7	9	18	35	31	43	71.7
Taylor	180	2	2	0	0	2	4	1	2	12	16	38	62	39	71.9
Tucker	90	0	0	0	0	0	0	0	2	7	12	14	17	38	76.5
Tyler	107	0	0	0	0	0	0	1	3	8	16	16	39	24	73.9
Upshur	261	2	0	0	0	3	1	6	5	16	27	49	81	71	73.6
Wayne	508	5	0	0	0	2	6	6	23	47	72	91	149	107	70.2
Webster	110	1	0	0	0	0	1	2	4	6	13	21	33	29	72.7
Wetzel	185	1	0	0	2	2	1	3	4	13	17	41	44	57	72.8
Wirt	73	0	0	0	0	0	1	1	0	7	9	18	17	20	73.4
Wood	939	10	2	0	0	2	4	12	17	64	94	175	287	272	74.3
Wyoming	296	1	2	0	2	1	4	8	14	32	31	72	86	43	67.9
Total	20,773	168	29	17	29	101	143	321	686	1,494	2,459	3,787	6,186	5,353	72.4

**Place Death Occurred by County of Residence
West Virginia, 2005
Table 31**

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	75	4	14	0	23	11	58	10	195
Berkeley	229	94	1	0	149	9	197	31	710
Boone	142	7	3	0	31	0	108	11	302
Braxton	72	3	0	0	19	0	44	10	148
Brooke	97	47	0	0	61	19	68	20	312
Cabell	622	28	6	0	190	7	340	32	1,225
Calhoun	35	0	0	15	11	0	33	4	98
Clay	47	0	2	0	15	1	52	6	123
Doddridge	37	1	0	0	12	0	28	6	84
Fayette	289	12	10	0	92	8	153	22	586
Gilmer	31	1	0	3	15	0	28	4	82
Grant	39	14	3	0	33	0	28	8	125
Greenbrier	172	36	4	0	101	12	130	17	472
Hampshire	30	53	7	0	31	1	71	13	206
Hancock	131	109	1	0	58	7	114	21	441
Hardy	31	20	3	0	31	0	38	5	128
Harrison	360	15	13	2	148	8	266	22	834
Jackson	145	11	3	0	56	3	87	25	330
Jefferson	130	54	4	0	79	3	95	14	379
Kanawha	981	34	9	0	433	47	793	192	2,489
Lewis	117	6	5	0	30	5	66	5	234
Lincoln	114	3	3	0	27	1	87	7	242
Logan	300	4	7	0	30	2	163	20	526
McDowell	126	42	17	0	28	6	116	13	348
Marion	280	9	3	0	122	14	209	20	657
Marshall	175	17	2	0	81	1	106	12	394
Mason	110	34	8	0	57	0	97	5	311
Mercer	349	50	20	0	100	24	219	33	795
Mineral	42	113	4	0	72	0	68	14	313
Mingo	135	77	9	0	22	1	78	13	335
Monongalia	257	10	2	0	105	12	223	23	632
Monroe	47	28	1	0	20	2	57	6	161
Morgan	28	58	3	0	26	2	56	10	183
Nicholas	168	7	7	0	45	2	78	11	318
Ohio	248	19	4	0	139	2	124	16	552
Pendleton	12	17	1	0	31	1	28	2	92
Pleasants	42	13	1	0	22	0	20	4	102
Pocahontas	44	13	3	0	24	1	40	2	127
Preston	126	13	2	0	60	0	97	12	310
Putnam	187	6	0	0	74	15	160	38	480
Raleigh	438	23	64	0	100	11	237	18	891
Randolph	130	7	51	0	58	6	70	6	328
Ritchie	42	7	1	0	24	0	31	4	109
Roane	82	2	0	1	21	6	45	8	165
Summers	62	7	7	0	20	3	47	4	150
Taylor	98	2	3	0	18	1	48	10	180
Tucker	17	13	5	1	20	0	31	3	90
Tyler	46	3	0	0	18	2	34	4	107
Upshur	112	3	4	0	39	7	88	8	261
Wayne	215	35	3	0	57	1	176	21	508
Webster	46	2	1	0	21	0	33	7	110
Wetzel	79	8	2	0	30	1	57	8	185
Wirt	34	0	0	1	10	0	26	2	73
Wood	433	50	5	0	195	4	230	22	939
Wyoming	154	11	8	0	23	5	89	6	296
Total	8,590	1,255	339	23	3,357	274	6,065	870	20,773

2005 West Virginia Resident Deaths Leading Causes of Death Exhibit 13

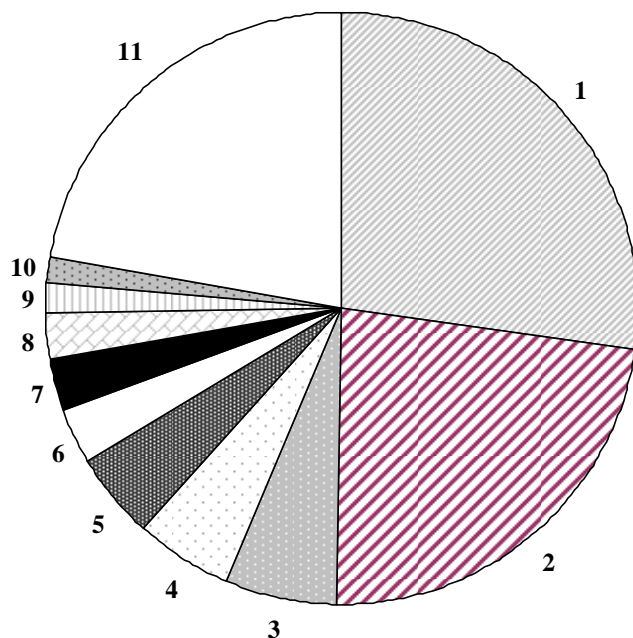


Leading Cause of Death	Number of Deaths	Percent of Total	2005 WV Crude Rate	2005 WV Age-Adjusted Rate*
1. Diseases of the Heart	5,516	26.6	303.6	250.9
2. Malignant Neoplasms	4,617	22.2	254.1	207.7
3. Chronic Lower Respiratory Disease	1,355	6.5	74.6	60.7
4. Cerebrovascular Diseases	1,190	5.7	65.5	54.4
5. Accidents	1,098	5.3	60.4	58.6
6. Diabetes Mellitus	760	3.7	41.8	34.2
7. Alzheimer's Disease	530	2.6	29.2	24.4
8. Nephritis, Nephrotic Syndrome, and Nephrosis	456	2.2	25.1	20.9
9. Influenza and Pneumonia	412	2.0	22.7	18.9
10. Septicemia	326	1.6	17.9	15.0
Total for Leading Causes	16,260	78.3	895.0	745.4
11. ALL OTHER Causes	4,513	21.7	248.4	214.6
Total for All Causes	20,773	100.0	1,143.3	960.0

*Adjusted by age from West Virginia's 2005 population estimate to the 2000 U.S. standard million.

West Virginia Bureau for Public Health
Health Statistics Center, 2007

2004 United States Resident Deaths Leading Causes of Death Exhibit 14



Leading Cause of Death*	Number of Deaths	Percent of Total	2004 U.S. Crude Rate*
1. Diseases of the Heart	652,486	27.2	222.7
2. Malignant Neoplasms	553,888	23.1	187.4
3. Cerebrovascular Diseases	150,074	6.3	51.1
4. Chronic Lower Respiratory Disease	121,987	5.1	42.2
5. Accidents	112,012	4.5	37.0
6. Diabetes Mellitus	73,138	3.0	24.8
7. Alzheimer's Disease	65,965	2.7	22.4
8. Influenza and Pneumonia	59,664	2.6	20.9
9. Nephritis, Nephrotic Syndrome, and Nephrosis	42,480	1.8	14.6
10. Septicemia	33,373	1.4	11.4
Total for Leading Causes	1,865,067	77.7	634.6
11. ALL OTHER Causes	532,548	22.3	182.2
Total for All Causes	2,397,615	100.0	816.7

* National Vital Statistics Reports. Deaths: Final Data for 2004. National Center for Health Statistics.

Internet address -

http://www.cdc.gov/nchs/products/pubs/pubd/hestats/finaldeaths04/finaldeaths04_tables.pdf#2

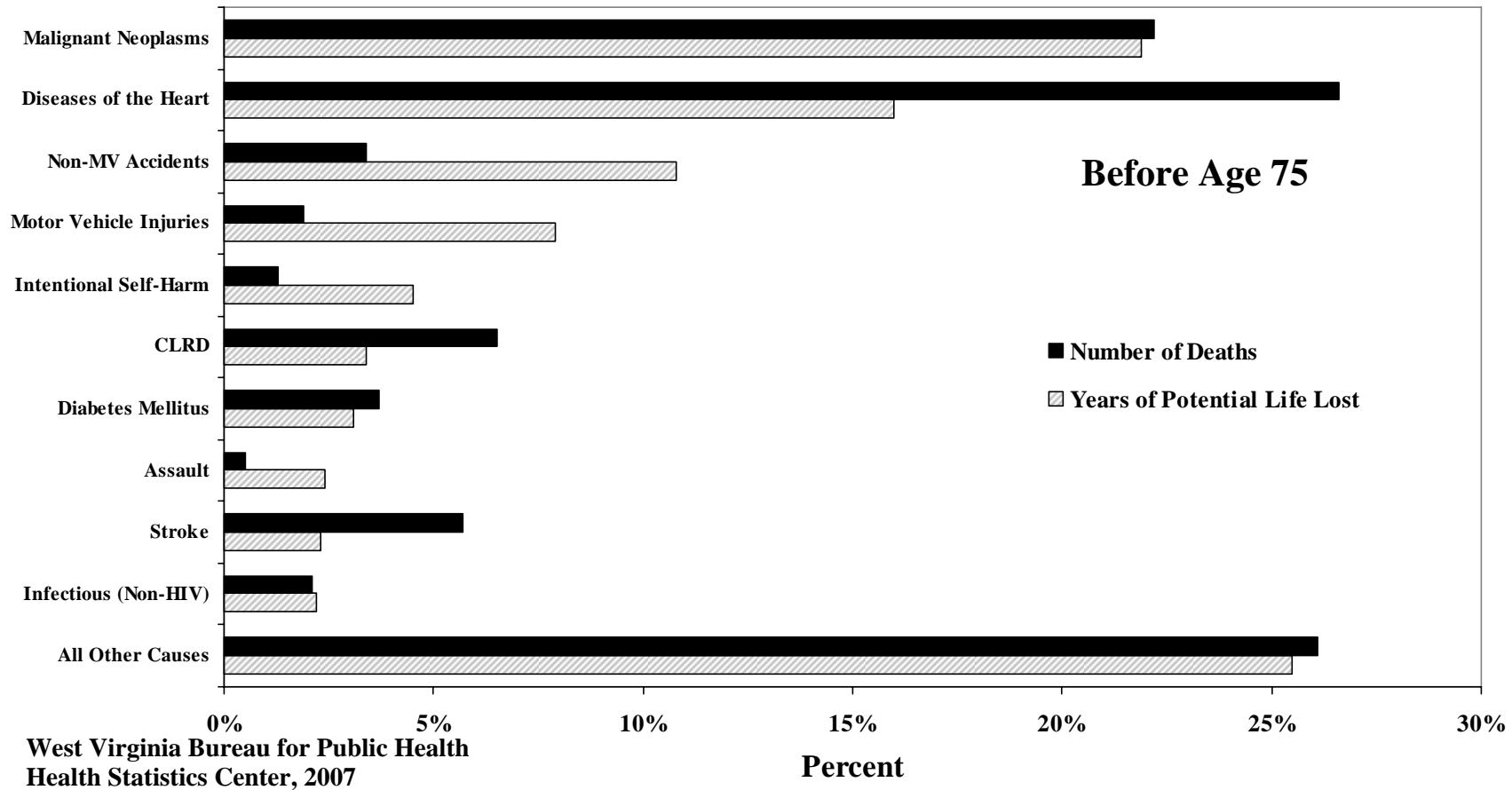
West Virginia Bureau for Public Health

Health Statistics Center, 2007

**Number and Percent Distribution of Leading Causes of Death
By Years of Potential Life Lost Before Age 75 and Actual Deaths
West Virginia Residents, 2004 and 2005
Table 32**

Cause of Death	Years of Potential Life Lost Before Age 75				Actual Deaths			
	2005		2004		2005		2004	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Causes	163,704	100.0	160,916	100.0	20,773	100.0	20,776	100.0
Malignant Neoplasms	35,854	21.9	34,598	21.5	4,617	22.2	4,694	22.6
Diseases of the Heart	26,220	16.0	24,695	15.3	5,516	26.6	5,639	27.1
Nonmotor Vehicle Accidents	17,735	10.8	16,534	10.3	707	3.4	696	3.4
Motor Vehicle Accidents	12,938	7.9	13,735	8.5	391	1.9	408	2.0
Intentional Self-Harm	7,334	4.5	8,515	5.3	272	1.3	281	1.4
Chronic Lower Respiratory Diseases	5,538	3.4	4,855	3.0	1,355	6.5	1,239	6.0
Diabetes Mellitus	5,011	3.1	5,564	3.5	760	3.7	850	4.1
Assault	3,976	2.4	2,875	1.8	98	0.5	79	0.4
Cerebrovascular Disease	3,687	2.3	4,065	2.5	1,190	5.7	1,197	5.8
Infectious and Parasitic Diseases, Excluding H.I.V.	3,628	2.2	3,398	2.1	442	2.1	441	2.1
Congenital Anomalies	3,557	2.2	3,889	2.4	71	0.3	73	0.4
Chronic Liver Disease and Cirrhosis	3,392	2.1	3,745	2.3	230	1.1	264	1.3
Sudden Infant Death Syndrome	3,055	1.9	1,118	0.7	41	0.2	15	0.1
Disorders Relating to Short Gestation and Unspecified Low Birthweight	1,341	0.8	1,267	0.8	18	0.1	17	0.1
Other Respiratory Conditions of Newborn	1,267	0.8	1,267	0.8	17	0.1	17	0.1
Influenza and Pneumonia	1,262	0.8	1,376	0.9	412	2.0	416	2.0
Alcohol or Drug Psychoses, Dependence or Abuse	846	0.5	785	0.5	40	0.2	35	0.2
Human Immunodeficiency Virus Infection	793	0.5	854	0.5	23	0.1	28	0.1
Respiratory Distress Syndrome and Birth Asphyxia	522	0.3	596	0.4	7	0.0	8	0.0
All Other Causes (Residual)	25,752	15.7	27,188	16.9	4,566	22.0	4,379	21.1

**Distribution of Years of Potential Life Lost & Number of Deaths
West Virginia Resident Deaths, 2005
Exhibit 15**



**Leading Causes of Resident Deaths by Age Group and Gender
West Virginia, 2005
Table 33**

Leading Causes of Death	Total All Age Groups					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	10,218	100.0	10,555	100.0	20,773	100.0
Diseases of the Heart	2,731	26.7	2,785	26.4	5,516	26.6
Malignant Neoplasms	2,424	23.7	2,193	20.8	4,617	22.2
Chronic Lower Respiratory Diseases	661	6.5	694	6.6	1,355	6.5
Cerebrovascular Disease	427	4.2	763	7.2	1,190	5.7
Accidents	727	7.1	371	3.5	1,098	5.3
Diabetes Mellitus	355	3.5	405	3.8	760	3.7
Alzheimer's Disease	138	1.4	392	3.7	530	2.6
Nephritis, Nephrotic Syndrome, and Nephrosis	217	2.1	239	2.3	456	2.2
Influenza and Pneumonia	175	1.7	237	2.2	412	2.0
Septicemia	151	1.5	175	1.7	326	1.6
Intentional Self-Harm	224	2.2	48	0.5	272	1.3
All Other Causes (Residual)	1,988	19.5	2,253	21.3	4,241	20.4

Leading Causes of Death	Under One Year					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	97	100.0	71	100.0	168	100.0
Sudden Infant Death Syndrome	23	23.7	18	25.4	41	24.4
Congenital Anomalies	21	21.6	12	16.9	33	19.6
Short Gestation and Unspecified Low Birthweight	8	8.2	10	14.1	18	10.7
Maternal Complications of Pregnancy	6	6.2	3	4.2	9	5.4
Infections Specific to the Perinatal Period	3	3.1	3	4.2	6	3.6
Complications of Placenta, Cord, and Membranes	1	1.0	4	5.6	5	3.0
Intrauterine Hypoxia and Birth Asphyxia	3	3.1	1	1.4	4	2.4
Influenza and Pneumonia	2	2.1	1	1.4	3	1.8
Maternal Conditions Which May be Unrelated to Pregnancy	1	1.0	2	2.8	3	1.8
Accidents	1	1.0	2	2.8	3	1.8
All Other Causes (Residual)	28	28.9	15	21.1	43	25.6

**Leading Causes of Resident Deaths by Age Group and Gender
West Virginia, 2005
Table 33 (continued)**

Leading Causes of Death	One to Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	13	100.0	16	100.0	29	100.0
Accidents	3	23.1	4	25.0	7	24.1
Congenital Anomalies	3	23.1	2	12.5	5	17.2
Assault	2	15.4	2	12.5	4	13.8
All Other Causes (Residual)	5	38.5	8	50.0	13	44.8

Leading Causes of Death	Five to Nine Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	11	100.0	6	100.0	17	100.0
Malignant Neoplasms	3	27.3	0	0.0	3	17.6
Accidents	2	18.2	1	16.7	3	17.6
All Other Causes (Residual)	6	54.5	5	83.3	11	64.7

Leading Causes of Death	Ten to Fourteen Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	22	100.0	7	100.0	29	100.0
Accidents	9	40.9	1	14.3	10	34.5
Intentional Self-Harm	6	27.3	0	0.0	6	20.7
Assault	2	9.1	2	28.6	4	13.8
All Other Causes (Residual)	5	22.7	4	57.1	9	31.0

**Leading Causes of Resident Deaths by Age Group and Gender
West Virginia, 2005
Table 33 (continued)**

Leading Causes of Death	Fifteen to Twenty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	174	100.0	70	100.0	244	100.0
Accidents	105	60.3	39	55.7	144	59.0
Intentional Self-Harm	24	13.8	3	4.3	27	11.1
Assault	11	6.3	3	4.3	14	5.7
Malignant Neoplasms	7	4.0	5	7.1	12	4.9
Diseases of the Heart	4	2.3	3	4.3	7	2.9
Congenital Anomalies	2	1.1	2	2.9	4	1.6
Septicemia	2	1.1	1	1.4	3	1.2
All Other Causes (Residual)	19	10.9	14	20.0	33	13.5

Leading Causes of Death	Twenty-Five to Thirty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	223	100.0	98	100.0	321	100.0
Accidents	124	55.6	46	46.9	170	53.0
Intentional Self-Harm	28	12.6	5	5.1	33	10.3
Malignant Neoplasms	15	6.7	12	12.2	27	8.4
Assault	16	7.2	9	9.2	25	7.8
Diseases of the Heart	11	4.9	4	4.1	15	4.7
Human Immunodeficiency Virus Infection	4	1.8	2	2.0	6	1.9
Cerebrovascular Disease	2	0.9	2	2.0	4	1.2
Diabetes Mellitus	2	0.9	1	1.0	3	0.9
All Other Causes (Residual)	21	9.4	17	17.3	38	11.8

**Leading Causes of Resident Deaths by Age Group and Gender
West Virginia, 2005
Table 33 (continued)**

Leading Causes of Death	Thirty-Five to Forty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	430	100.0	256	100.0	686	100.0
Accidents	144	33.5	64	25.0	208	30.3
Malignant Neoplasms	45	10.5	66	25.8	111	16.2
Diseases of the Heart	70	16.3	25	9.8	95	13.8
Intentional Self-Harm	34	7.9	11	4.3	45	6.6
Chronic Liver Disease and Cirrhosis	17	4.0	7	2.7	24	3.5
Assault	12	2.8	8	3.1	20	2.9
Diabetes Mellitus	12	2.8	6	2.3	18	2.6
Cerebrovascular Disease	6	1.4	7	2.7	13	1.9
Septicemia	6	1.4	6	2.3	12	1.7
Human Immunodeficiency Virus Infection	9	2.1	1	0.4	10	1.5
Chronic Lower Respiratory Diseases	4	0.9	5	2.0	9	1.3
All Other Causes (Residual)	71	16.5	50	19.5	121	17.6

Leading Causes of Death	Forty-Five to Fifty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	900	100.0	594	100.0	1,494	100.0
Malignant Neoplasms	211	23.4	206	34.7	417	27.9
Diseases of the Heart	221	24.6	99	16.7	320	21.4
Accidents	126	14.0	38	6.4	164	11.0
Intentional Self-Harm	48	5.3	15	2.5	63	4.2
Diabetes Mellitus	32	3.6	23	3.9	55	3.7
Chronic Liver Disease and Cirrhosis	36	4.0	13	2.2	49	3.3
Cerebrovascular Disease	25	2.8	21	3.5	46	3.1
Chronic Lower Respiratory Diseases	18	2.0	27	4.5	45	3.0
Septicemia	8	0.9	14	2.4	22	1.5
Nephritis, Nephrotic Syndrome, and Nephrosis	12	1.3	10	1.7	22	1.5
Assault	16	1.8	3	0.5	19	1.3
All Other Causes (Residual)	147	16.3	125	21.0	272	18.2

**Leading Causes of Resident Deaths by Age Group and Gender
West Virginia, 2005
Table 33 (continued)**

Leading Causes of Death	Fifty-Five to Sixty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	1,478	100.0	981	100.0	2,459	100.0
Malignant Neoplasms	468	31.7	371	37.8	839	34.1
Diseases of the Heart	410	27.7	191	19.5	601	24.4
Chronic Lower Respiratory Diseases	72	4.9	87	8.9	159	6.5
Diabetes Mellitus	75	5.1	54	5.5	129	5.2
Accidents	62	4.2	32	3.3	94	3.8
Cerebrovascular Disease	36	2.4	36	3.7	72	2.9
Chronic Liver Disease and Cirrhosis	50	3.4	16	1.6	66	2.7
Septicemia	25	1.7	21	2.1	46	1.9
Intentional Self-Harm	37	2.5	8	0.8	45	1.8
Nephritis, Nephrotic Syndrome, and Nephrosis	16	1.1	16	1.6	32	1.3
Hypertension	17	1.2	9	0.9	26	1.1
All Other Causes (Residual)	210	14.2	140	14.3	350	14.2

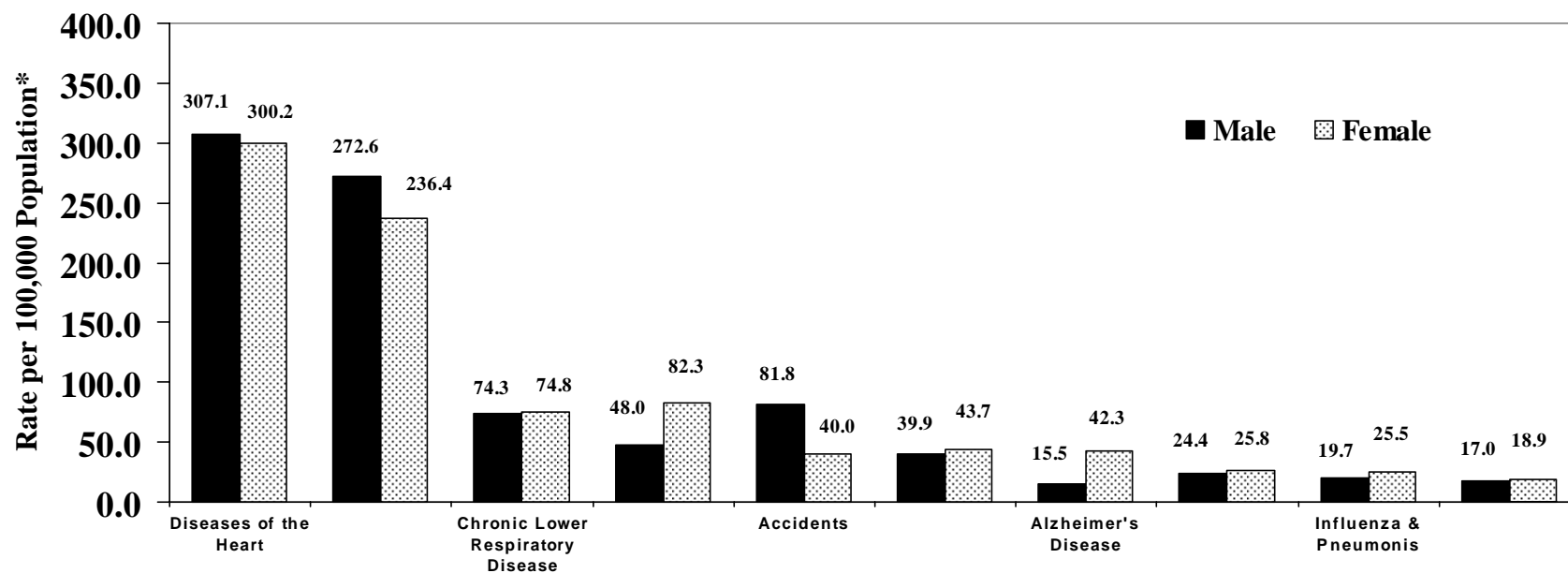
Leading Causes of Death	Sixty-Five to Seventy-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	2,102	100.0	1,685	100.0	3,787	100.0
Malignant Neoplasms	692	32.9	573	34.0	1,265	33.4
Diseases of the Heart	539	25.6	345	20.5	884	23.3
Chronic Lower Respiratory Diseases	176	8.4	168	10.0	344	9.1
Diabetes Mellitus	93	4.4	77	4.6	170	4.5
Cerebrovascular Disease	78	3.7	80	4.7	158	4.2
Nephritis, Nephrotic Syndrome, and Nephrosis	43	2.0	41	2.4	84	2.2
Accidents	52	2.5	29	1.7	81	2.1
Septicemia	31	1.5	29	1.7	60	1.6
Chronic Liver Disease and Cirrhosis	34	1.6	17	1.0	51	1.3
Influenza and Pneumonia	20	1.0	24	1.4	44	1.2
Alzheimer's Disease	14	0.7	22	1.3	36	1.0
All Other Causes (Residual)	330	15.7	280	16.6	610	16.1

**Leading Causes of Resident Deaths by Age Group and Gender
West Virginia, 2005
Table 33 (continued)**

Leading Causes of Death	Seventy-Five to Eighty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	2,963	100.0	3,223	100.0	6,186	100.0
Diseases of the Heart	871	29.4	893	27.7	1,764	28.5
Malignant Neoplasms	705	23.8	645	20.0	1,350	21.8
Chronic Lower Respiratory Diseases	267	9.0	272	8.4	539	8.7
Cerebrovascular Disease	165	5.6	266	8.3	431	7.0
Diabetes Mellitus	106	3.6	148	4.6	254	4.1
Alzheimer's Disease	60	2.0	128	4.0	188	3.0
Nephritis, Nephrotic Syndrome, and Nephrosis	77	2.6	73	2.3	150	2.4
Influenza and Pneumonia	65	2.2	69	2.1	134	2.2
Accidents	62	2.1	51	1.6	113	1.8
Septicemia	42	1.4	53	1.6	95	1.5
Hypertension	20	0.7	46	1.4	66	1.1
All Other Causes (Residual)	523	17.7	579	18.0	1,102	17.8

Leading Causes of Death	Eighty-Five Years and Over					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	1,805	100.0	3,548	100.0	5,353	100.0
Diseases of the Heart	605	33.5	1,223	34.5	1,828	34.1
Malignant Neoplasms	276	15.3	313	8.8	589	11.0
Cerebrovascular Disease	114	6.3	350	9.9	464	8.7
Alzheimer's Disease	61	3.4	237	6.7	298	5.6
Chronic Lower Respiratory Diseases	124	6.9	133	3.7	257	4.8
Influenza and Pneumonia	61	3.4	129	3.6	190	3.5
Nephritis, Nephrotic Syndrome, and Nephrosis	63	3.5	96	2.7	159	3.0
Diabetes Mellitus	34	1.9	96	2.7	130	2.4
Hypertension	16	0.9	86	2.4	102	1.9
Accidents	37	2.0	64	1.8	101	1.9
Septicemia	35	1.9	49	1.4	84	1.6
All Other Causes (Residual)	379	21.0	772	21.8	1,151	21.5

2005 Ten Leading Causes of Death West Virginia Resident Deaths Exhibit 16



*Rates are calculated using the 2005 Census population estimates for WV: Males = 889,241; Females = 927,615.

West Virginia Bureau for Public Health
Health Statistics Center, 2007

**Firearm Injury Deaths by Type of Injury by County
West Virginia, 2005
Table 34**

County	Unintentional	Intentional			Undetermined	Total
		Suicide	Assault	Legal Intervention		
Barbour	0	0	0	0	0	0
Berkeley	0	9	5	1	0	15
Boone	0	1	0	0	0	1
Braxton	0	3	0	0	0	3
Brooke	0	0	0	0	0	0
Cabell	0	10	5	0	0	15
Calhoun	0	2	0	0	0	2
Clay	0	2	1	0	0	3
Doddridge	0	2	0	0	0	2
Fayette	1	4	1	0	0	6
Gilmer	0	1	0	0	0	1
Grant	0	3	0	0	0	3
Greenbrier	0	0	2	0	0	2
Hampshire	0	4	2	0	0	6
Hancock	0	6	1	0	0	7
Hardy	0	5	0	0	0	5
Harrison	0	7	1	0	1	9
Jackson	0	5	2	0	0	7
Jefferson	0	2	2	0	0	4
Kanawha	0	20	7	0	0	27
Lewis	0	1	0	0	0	1
Lincoln	0	9	0	0	0	9
Logan	0	2	0	0	0	2
McDowell	0	6	1	0	0	7
Marion	0	5	0	0	0	5
Marshall	0	11	0	0	0	11
Mason	0	3	2	0	0	5
Mercer	0	10	3	0	0	13
Mineral	0	3	3	0	0	6
Mingo	0	1	1	0	0	2
Monongalia	1	4	1	0	1	7
Monroe	0	1	0	0	0	1
Morgan	0	2	0	0	0	2
Nicholas	0	5	1	0	0	6
Ohio	0	3	1	0	0	4
Pendleton	0	0	0	0	0	0
Pleasants	0	0	0	0	0	0
Pocahontas	0	4	1	0	0	5
Preston	0	2	0	0	0	2
Putnam	0	1	1	0	0	2
Raleigh	0	9	5	0	0	14
Randolph	0	2	0	0	0	2
Ritchie	0	1	0	0	0	1
Roane	0	2	0	0	0	2
Summers	0	1	0	0	0	1
Taylor	0	0	1	0	0	1
Tucker	0	0	0	0	0	0
Tyler	0	0	0	0	0	0
Upshur	0	2	0	0	0	2
Wayne	0	6	4	0	0	10
Webster	0	0	0	0	0	0
Wetzel	0	3	0	0	0	3
Wirt	0	0	1	0	0	1
Wood	0	7	2	0	1	10
Wyoming	0	3	1	1	0	5
Total	2	195	58	2	3	260

Types of Firearm Injury Deaths by Age Group and Gender
West Virginia Residents, 2005
Table 35

	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	1	0	0	0	0	1	0	0	0	2
Suicide	0	4	5	12	26	28	42	34	16	28	195
Assault	0	2	7	6	15	16	9	1	2	0	58
Legal Intervention	0	0	0	0	0	0	1	1	0	0	2
Undetermined	0	0	0	0	0	2	1	0	0	0	3
Total	0	7	12	18	41	46	54	36	18	28	260
Male											
Unintentional	0	1	0	0	0	0	1	0	0	0	2
Suicide	0	4	4	11	22	22	38	30	15	25	171
Assault	0	2	5	6	11	11	6	1	0	0	42
Legal Intervention	0	0	0	0	0	0	1	1	0	0	2
Undetermined	0	0	0	0	0	0	0	0	0	0	0
Total	0	7	9	17	33	33	46	32	15	25	217
Female											
Unintentional	0	0	0	0	0	0	0	0	0	0	0
Suicide	0	0	1	1	4	6	4	4	1	3	24
Assault	0	0	2	0	4	5	3	0	2	0	16
Legal Intervention	0	0	0	0	0	0	0	0	0	0	0
Undetermined	0	0	0	0	0	2	1	0	0	0	3
Total	0	0	3	1	8	13	8	4	3	3	43

**Nontransport Unintentional Injury Deaths by
Place of Occurrence and Gender
West Virginia Residents, 2005
Table 36**

Place of Occurrence	Male	Female	Total
Home	231	160	391
Mine and Quarry	4	0	4
Industrial Places	2	0	2
Other Specified Places	126	57	183
Unspecified Places	42	35	77
Total	405	252	657

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Fetal Deaths, Neonatal Deaths, and Postneonatal Deaths: Number and Rate/Ratio West Virginia Resident Deaths, 1925-2005

Table 37

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
2001	153	7.5	110	5.4	39	1.9
2002	140	6.8	109	5.3	79	3.8
2003	129	6.1	95	4.5	58	2.8
2004	135	6.5	101	4.8	57	2.7
2005	115	5.5	106	5.1	62	3.0

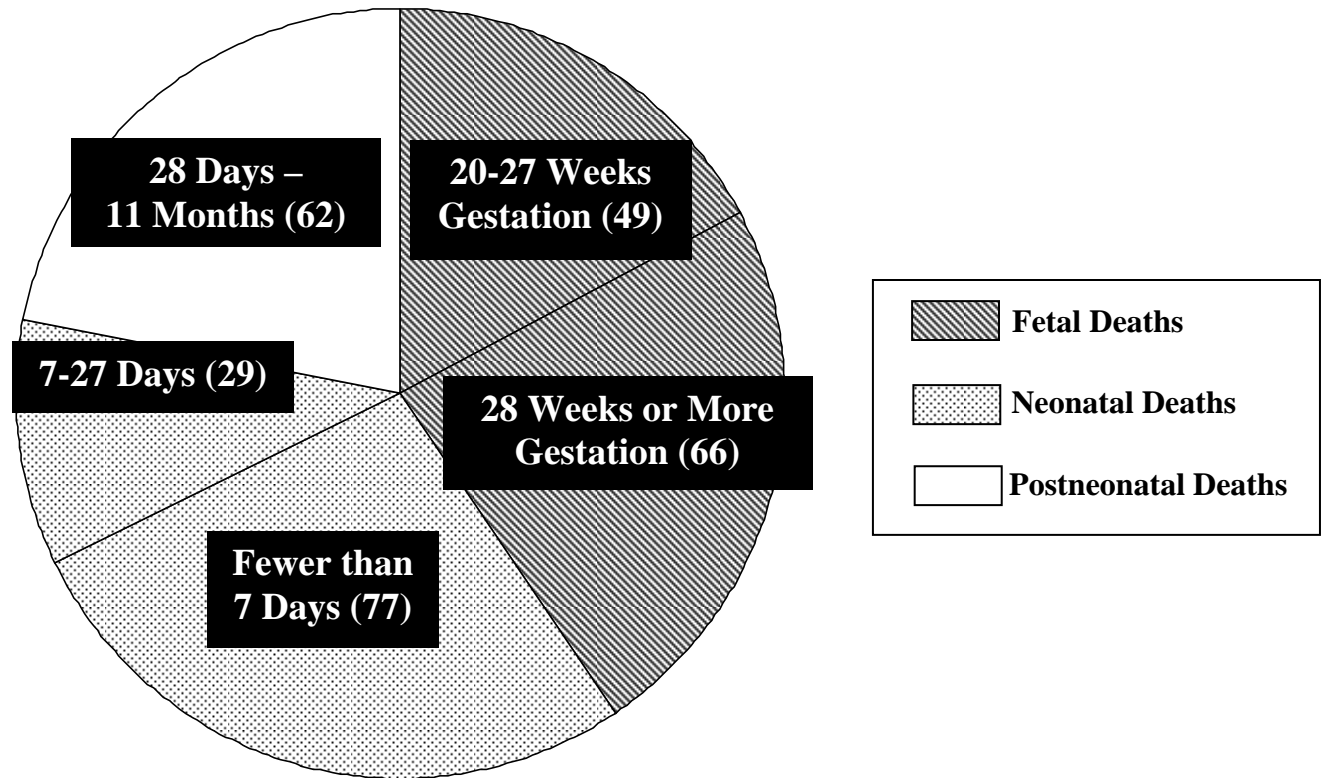
*Neonatal survivors are live births minus neonatal deaths.

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Fetal Deaths, Neonatal Deaths, and Postneonatal Deaths

West Virginia Resident Perinatal Deaths, 2005

Exhibit 17



**Causes of Resident Infant Deaths by Age
West Virginia, 2005
Table 38**

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	57	20	29	62	168
A40-A41	Septicemia	0	0	0	1	1
J10-J18	Pneumonia and Influenza	0	0	0	3	3
J12-J18	Pneumonia	0	0	0	3	3
Q00-Q99	Congenital Anomalies (Malformations)	6	10	7	10	33
Q00	Anencephalus and Similar Anomalies	1	0	0	0	1
Q20-Q24	Congenital Anomalies of Heart	0	3	4	4	11
Q25-Q28	Other Congenital Anomalies of Circulatory System	0	0	1	0	1
Q30-Q34	Congenital Anomalies of Respiratory System	1	2	0	1	4
Q35-Q45	Congenital Anomalies of Digestive System	0	0	1	3	4
Q50-Q64	Congenital Anomalies of Genitourinary System	1	2	0	1	4
Q65-Q79	Congenital Anomalies of Musculoskeletal System	1	0	0	0	1
Q90-Q99	Chromosomal Anomalies	2	2	1	1	6
Q90	Down's Syndrome	0	0	0	1	1
Q80-Q89	Other and Unspecified Congenital Anomalies	0	1	0	0	1
P00-P96	Certain Conditions Originating in the Perinatal Period	50	8	10	8	76
P00	Newborn Affected by Maternal Conditions Which May Be Unrelated to Present Pregnancy	2	1	0	0	3
P01	Newborn Affected by Maternal Complications of Pregnancy	7	1	1	0	9
P02	Newborn Affected by Complications of Placenta, Cord, and Membranes	5	0	0	0	5
P07	Disorders Relating to Short Gestation and Unspecified Low Birthweight	18	0	0	0	18
P20-P21	Intrauterine Hypoxia and Birth Asphyxia	1	2	0	1	4
P20	Fetal Distress in Liveborn Infant	0	1	0	0	1
P21	Birth Asphyxia	1	1	0	1	3
P22.0	Respiratory Distress Syndrome	1	0	0	1	2
P35-P39	Infections Specific to the Perinatal Period	3	0	2	1	6
P50-P54	Neonatal Hemorrhage	0	1	1	0	2
P90-P96	Other Disorders Originating in Perinatal Period	0	0	1	1	2
R00-R99	Symptoms, Signs, and Ill-Defined Conditions	0	2	10	31	43
R95	Sudden Infant Death Syndrome	0	1	10	30	41
V01-Y98	External Causes of Injury and Poisoning	0	0	2	7	9
V01-X59, Y85-Y86 W65-W84	Accidents	0	0	1	2	3
X85-Y09	Assault	0	0	0	2	2
Y06-Y07	Child Battering and Other Maltreatment	0	0	0	2	2
Residual	All Other Causes (Residual)	1	0	0	2	3

**Causes of Resident Infant Deaths by Birthweight
West Virginia, 2005
Table 39**

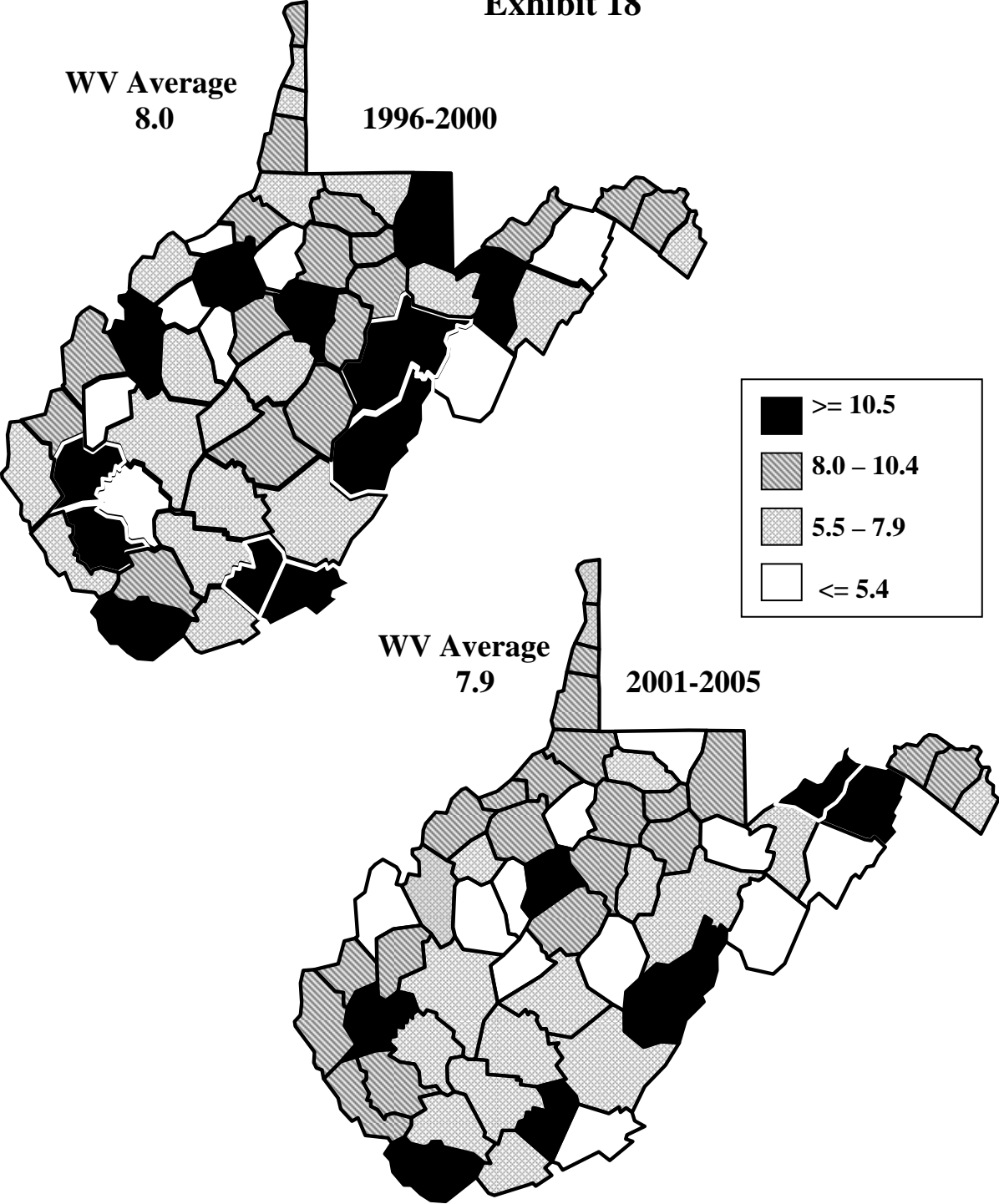
ICDA 10 Code Number	Cause of Death	Birthweight				Total
		Less than 1,500 Grams	1,500 - 2,499 Grams	2,500 Grams or More	Unknown	
A00-Z99	Total Deaths, All Causes	71	30	66	1	168
A40-A41	Septicemia	0	0	1	0	1
J10-J18	Pneumonia and Influenza	1	1	1	0	3
J12-J18	Pneumonia	1	1	1	0	3
Q00-Q99	Congenital Anomalies	8	13	12	0	33
Q00	Anencephalus and Similar Anomalies	1	0	0	0	1
Q20-Q24	Congenital Anomalies of Heart	1	1	9	0	11
Q25-Q28	Other Congenital Anomalies of Circulatory System	0	1	0	0	1
Q30-Q34	Congenital Anomalies of Respiratory System	3	1	0	0	4
Q35-Q45	Congenital Anomalies of Digestive System	1	3	0	0	4
Q50-Q64	Congenital Anomalies of Genitourinary System	0	3	1	0	4
Q65-Q79	Congenital Anomalies of Musculoskeletal System	0	1	0	0	1
Q90-Q99	Chromosomal Anomalies	2	3	1	0	6
Q90	Down's Syndrome	0	1	0	0	1
Q80-Q89	Other and Unspecified Congenital Anomalies	0	0	1	0	1
P00-P96	Certain Conditions Originating in the Perinatal Period	59	6	10	1	76
P00	Newborn Affected by Maternal Conditions Which May Be Unrelated to Present Pregnancy	3	0	0	0	3
P01	Newborn Affected by Maternal Complications of Pregnancy	7	1	0	1	9
P02	Newborn Affected by Complications of Placenta, Cord, and Membranes	4	0	1	0	5
P07	Disorders Relating to Short Gestation and Unspecified Low Birthweight	18	0	0	0	18
P20-P21	Intrauterine Hypoxia and Birth Asphyxia	1	0	3	0	4
P20	Fetal Distress in Liveborn Infant	0	0	1	0	1
P21	Birth Asphyxia	1	0	2	0	3
P22.0	Respiratory Distress Syndrome	1	0	1	0	2
P35-P39	Infections Specific to the Perinatal Period	4	0	2	0	6
P50-P54	Neonatal Hemorrhage	2	0	0	0	2
P95-P96	Other Disorders Originating in Perinatal Period	2	0	0	0	2
R00-R99	Symptoms, Signs, and Ill-Defined Conditions	2	7	34	0	43
R95	Sudden Infant Death Syndrome	1	6	34	0	41
V01-Y98	External Causes of Injury and Poisoning	0	3	6	0	9
V01-X59, Y85-Y86	Accidents	0	1	2	0	3
W65-W84	Accidents Caused by Submersion, Suffocation, and Foreign Bodies	0	0	1	0	1
X85-Y09	Assault	0	1	1	0	2
Y06-Y07	Child Battering and Other Maltreatment	0	1	1	0	2
Residual	All Other Causes (Residual)	1	0	2	0	3

**Infant Deaths and Selected Risk Factors
Associated with Infant Deaths
West Virginia Residents, 2005
Table 40**

Factor	Births		Infant Deaths	
	Number	Percent	Number	Percent
Total	20,834		168	
Birthweight < 2,500 Grams	1,984	9.5	101	60.1
Birthweight < 1,500 Grams	339	1.6	71	42.3
Gestational Age < 37 Weeks	2,595	12.5	102	60.7
Age of Mother < 20 Years	2,472	11.9	27	16.1
Age of Mother < 15 Years	22	0.1	0	0.0
Unmarried Mothers	7,589	36.4	78	46.4
Mothers Using Tobacco	5,509	26.4	62	36.9
Mothers Using Alcohol	90	0.4	1	0.6
White Mothers	19,891	95.5	159	94.6
Black Mothers	698	3.4	8	4.8
Mothers of Other Races	245	1.2	1	0.6

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**Resident Infant Death Rates by County
West Virginia, 1996-2000 and 2001-2005
Exhibit 18**



**Number and Rate of Resident Infant Deaths by County
West Virginia, 2001-2005
Table 41**

County	2001		2002		2003		2004		2005	
	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*
Barbour	2	12.0	3	18.8	0	0.0	1	5.8	2	10.5
Berkeley	8	7.5	17	15.0	10	8.5	10	7.9	12	9.2
Boone	0	0.0	4	12.1	1	3.0	3	9.5	3	9.7
Braxton	1	7.0	1	6.0	2	13.3	0	0.0	3	20.8
Brooke	3	12.4	0	0.0	1	4.3	4	16.9	1	4.4
Cabell	12	10.1	10	8.6	6	5.2	9	7.9	11	9.6
Calhoun	0	0.0	0	0.0	1	16.7	1	16.7	0	0.0
Clay	0	0.0	0	0.0	0	0.0	2	14.9	0	0.0
Doddridge	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Fayette	4	7.1	0	0.0	5	8.3	3	5.4	4	6.8
Gilmer	0	0.0	1	16.4	1	20.4	1	13.9	1	12.7
Grant	2	15.6	1	9.2	1	7.1	0	0.0	0	0.0
Greenbrier	2	5.5	3	7.9	2	5.6	1	2.7	3	7.9
Hampshire	3	14.1	1	4.6	1	3.9	3	13.4	5	21.1
Hancock	2	6.1	2	5.4	5	14.5	4	11.5	0	0.0
Hardy	0	0.0	0	0.0	2	13.6	0	0.0	0	0.0
Harrison	3	3.8	4	5.0	12	15.1	5	5.9	9	10.9
Jackson	1	3.0	2	6.6	1	3.1	5	16.0	3	9.0
Jefferson	5	8.8	6	10.0	3	4.9	6	9.4	3	4.6
Kanawha	17	7.4	20	8.3	15	6.3	14	5.7	18	7.9
Lewis	1	4.8	3	17.1	1	5.0	1	5.8	2	9.2
Lincoln	7	27.9	4	12.4	8	27.2	3	10.2	4	13.8
Logan	7	15.1	3	6.3	4	9.3	4	9.1	3	7.0
McDowell	2	6.9	5	17.2	4	13.4	1	3.2	4	14.5
Marion	2	3.4	7	11.8	4	6.1	5	8.0	3	4.9
Marshall	3	8.2	6	17.3	2	6.0	3	8.4	0	0.0
Mason	0	0.0	1	3.5	2	6.7	1	3.4	2	6.5
Mercer	4	5.5	7	9.4	7	9.5	7	9.8	2	2.8
Mineral	2	6.1	7	24.8	4	14.2	1	3.1	7	25.5
Mingo	5	13.3	7	18.1	1	2.7	1	2.7	5	13.5
Monongalia	1	1.2	4	4.5	9	9.9	3	3.2	7	7.9
Monroe	1	7.0	0	0.0	1	9.0	0	0.0	0	0.0
Morgan	2	13.5	3	19.7	0	0.0	1	6.2	1	6.3
Nicholas	2	7.8	2	7.6	1	3.3	0	0.0	3	9.2
Ohio	6	11.9	6	13.8	2	4.1	5	10.9	5	9.7
Pendleton	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Pleasants	0	0.0	1	15.6	0	0.0	0	0.0	2	35.1
Pocahontas	1	12.8	1	10.6	1	11.4	4	44.0	1	13.2
Preston	5	17.6	4	11.7	2	6.1	3	9.3	1	3.4
Putnam	8	12.6	4	6.8	5	7.4	8	12.0	4	6.2
Raleigh	4	4.6	7	8.2	5	5.6	8	8.9	7	7.6
Randolph	1	3.3	2	6.2	3	9.6	2	6.3	4	11.3
Ritchie	1	8.5	0	0.0	1	7.6	3	24.0	0	0.0
Roane	0	0.0	2	12.1	0	0.0	0	0.0	0	0.0
Summers	1	10.3	2	16.1	1	7.9	1	9.2	1	9.3
Taylor	2	13.5	3	17.8	0	0.0	0	0.0	2	13.8
Tucker	0	0.0	0	0.0	1	14.7	0	0.0	0	0.0
Tyler	0	0.0	0	0.0	3	36.6	1	11.1	0	0.0
Upshur	3	10.3	1	3.4	1	3.5	2	7.0	2	7.4
Wayne	2	4.0	6	12.2	2	4.3	5	11.1	5	11.3
Webster	0	0.0	0	0.0	0	0.0	0	0.0	1	9.4
Wetzel	0	0.0	5	26.6	1	5.1	2	10.5	1	4.6
Wirt	1	23.3	0	0.0	1	15.9	0	0.0	0	0.0
Wood	8	7.9	9	8.8	4	4.0	10	10.1	10	9.8
Wyoming	2	7.1	1	3.3	3	10.5	1	4.0	1	3.7
Total	149	7.3	188	9.1	153	7.3	158	7.6	168	8.1

* Number of infant deaths per 1,000 live births

**Causes of Resident Fetal Deaths
West Virginia, 2001-2005
Table 42**

ICDA 10 Code	Cause of Death	2001	2002	2003	2004	2005
P00-Q99,R99	Total Fetal Deaths, All Causes	153	140	129	135	115
P00-P96	Conditions Originating in the Perinatal Period	130	120	117	120	104
P00	Maternal conditions unrelated to present pregnancy	1	2	3	5	5
P00.1	Maternal renal and urinary tract diseases	0	0	1	0	0
P00.5	Maternal injury	0	1	0	0	1
P01.8	Other specified maternal conditions	0	2	1	0	0
P01	Fetus affected by maternal complications of pregnancy	18	17	16	14	15
P01.0	Incompetent cervix	4	2	6	3	2
P01.1	Other forms of placental separation and hemorrhage	8	10	6	8	9
P01.2	Oligohydramnios	0	3	1	2	0
P01.4	Ectopic pregnancy	1	0	0	0	0
P01.5	Multiple pregnancy	4	0	2	0	3
P01.8	Other specified conditions	0	2	1	0	0
P02	Complications of placenta, cord, and membranes	58	52	42	43	38
P02.1	Premature rupture of membranes	24	17	16	15	21
P02.2	Unspecified abnormalities of placenta	5	4	4	2	0
P02.3	Placenta transfusion syndrome	0	2	0	0	0
P02.4	Prolapsed cord	0	0	0	0	1
P02.5	Other compression of umbilical cord	25	26	17	25	15
P02.6	Unspecified conditions of umbilical cord	1	1	0	0	0
P02.7	Chorionamnionitis	2	2	5	1	1
P03	Other complications of labor and delivery	0	1	0	1	0
P07	Short gestation and unspecified low birthweight	2	10	5	12	9
P07.2	Extreme prematurity	1	4	2	7	4
P07.3	Other preterm infants	1	6	3	5	4
P20-P21	Intrauterine hypoxia and birth asphyxia	2	4	6	4	4
P28	Other respiratory conditions	0	3	3	0	0
P35-P39	Infections specific to perinatal period	2	0	0	0	1
P50-P54	Fetal hemorrhage	0	0	0	0	1
P70-P74	Endocrine and metabolic disturbances	2	1	2	2	1
P70.0-P70.2	Syndrome of "infant of a diabetic mother"	2	1	2	2	1
P70.2	Neonatal diabetes mellitus	0	0	1	0	0
P80-P83	Integument and temperature regulation	2	1	1	0	1
P90-P96	Other and ill-defined conditions	39	26	35	34	28
P90-P96.8	Other specified conditions originating in the perinatal period	35	0	0	0	1
P96.9	Unspecified conditions originating in the perinatal period	4	26	35	34	27
Q00-Q99	Congenital Anomalies	15	20	12	15	11
Q00	Anencephalus	2	1	0	2	1
Q05	Spina bifida	0	0	1	1	0
Q01-Q04,Q06-Q07	Other anomalies of nervous system	0	1	1	1	1
Q20-Q24	Anomalies of heart	1	2	1	2	0
Q30-Q34	Anomalies of respiratory system	0	0	1	0	0
Q50-Q64	Anomalies of genitourinary system	2	2	1	0	1
Q65-Q79	Musculoskeletal anomalies	1	0	0	0	1
Q90-Q99	Chromosomal anomalies	5	7	5	3	3
Q90	Down's Syndrome	1	2	2	0	0
Q80-Q89	Other and unspecified congenital anomalies	4	7	2	5	3
Q99	Congenital anomaly, unspecified	0	1	0	1	2
R99	Residual - All Other Causes and Unknown	8	0	0	0	0

**Number and Ratio of Resident Fetal Deaths by County
West Virginia, 2001-2005
Table 43**

County	2001		2002		2003		2004		2005	
	Number	Ratio*	Number	Ratio*	Number	Ratio*	Number	Ratio*	Number	Ratio*
Barbour	2	12.0	2	12.5	1	5.9	1	5.8	1	5.3
Berkeley	8	7.5	6	5.3	8	6.8	6	4.7	6	4.6
Boone	6	17.9	1	3.0	2	6.1	3	9.5	7	22.7
Braxton	0	0.0	0	0.0	2	13.3	0	0.0	0	0.0
Brooke	1	4.1	1	4.6	1	4.3	2	8.4	2	8.9
Cabell	7	5.9	7	6.0	6	5.2	7	6.2	8	7.0
Calhoun	3	38.5	2	21.5	1	16.7	1	16.7	1	11.2
Clay	0	0.0	1	7.0	0	0.0	1	7.5	0	0.0
Doddridge	1	14.7	1	15.2	0	0.0	1	12.7	1	13.3
Fayette	6	10.7	6	10.9	5	8.3	3	5.4	1	1.7
Gilmer	0	0.0	0	0.0	1	20.4	0	0.0	0	0.0
Grant	0	0.0	0	0.0	0	0.0	1	7.6	0	0.0
Greenbrier	2	5.5	3	7.9	6	16.7	3	8.0	3	7.9
Hampshire	0	0.0	2	9.2	0	0.0	0	0.0	1	4.2
Hancock	2	6.1	1	2.7	1	2.9	1	2.9	3	9.2
Hardy	0	0.0	1	7.1	0	0.0	0	0.0	0	0.0
Harrison	1	1.3	4	5.0	5	6.3	5	5.9	8	9.7
Jackson	6	17.9	2	6.6	1	3.1	2	6.4	2	6.0
Jefferson	6	10.6	7	11.7	2	3.3	4	6.2	2	3.1
Kanawha	19	8.2	13	5.4	23	9.7	23	9.4	17	7.5
Lewis	1	4.8	0	0.0	0	0.0	0	0.0	0	0.0
Lincoln	0	0.0	4	12.4	2	6.8	0	0.0	0	0.0
Logan	4	8.6	7	14.7	6	13.9	4	9.1	2	4.7
McDowell	1	3.4	3	10.3	2	6.7	3	9.7	1	3.6
Marion	3	5.0	4	6.7	2	3.1	6	9.6	4	6.5
Marshall	2	5.5	3	8.6	3	9.1	2	5.6	1	3.3
Mason	3	11.0	4	13.9	1	3.4	2	6.7	1	3.2
Mercer	4	5.5	2	2.7	3	4.1	2	2.8	3	4.3
Mineral	2	6.1	1	3.5	0	0.0	0	0.0	1	3.6
Mingo	3	8.0	1	2.6	2	5.3	1	2.7	3	8.1
Monongalia	6	7.0	10	11.2	6	6.6	3	3.2	2	2.3
Monroe	0	0.0	0	0.0	1	9.0	1	8.1	0	0.0
Morgan	0	0.0	1	6.6	1	6.5	1	6.2	0	0.0
Nicholas	1	3.9	1	3.8	1	3.3	3	11.4	0	0.0
Ohio	7	13.8	3	6.9	4	8.3	3	6.6	0	0.0
Pendleton	0	0.0	0	0.0	1	10.0	0	0.0	0	0.0
Pleasants	1	11.0	0	0.0	1	12.8	0	0.0	0	0.0
Pocahontas	0	0.0	1	10.6	3	34.1	1	11.0	0	0.0
Preston	1	3.5	3	8.8	0	0.0	2	6.2	1	3.4
Putnam	5	7.8	7	11.9	4	5.9	1	1.5	6	9.3
Raleigh	11	12.6	8	9.3	6	6.8	10	11.1	5	5.4
Randolph	3	9.9	1	3.1	1	3.2	2	6.3	1	2.8
Ritchie	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Roane	1	6.4	1	6.1	1	5.4	1	5.3	0	0.0
Summers	2	20.6	3	24.2	1	7.9	4	36.7	1	9.3
Taylor	1	6.8	0	0.0	0	0.0	0	0.0	2	13.8
Tucker	0	0.0	0	0.0	0	0.0	2	33.9	0	0.0
Tyler	2	20.0	0	0.0	0	0.0	0	0.0	2	21.1
Upshur	1	3.4	1	3.4	1	3.5	2	7.0	4	14.8
Wayne	5	10.0	0	0.0	1	2.2	1	2.2	2	4.5
Webster	0	0.0	1	12.5	0	0.0	2	22.2	1	9.4
Wetzel	5	28.9	1	5.3	0	0.0	1	5.3	0	0.0
Wirt	0	0.0	0	0.0	0	0.0	1	16.4	1	18.9
Wood	6	5.9	6	5.9	7	6.9	9	9.1	8	7.8
Wyoming	2	7.1	3	10.0	3	10.5	1	4.0	0	0.0
Total	153	7.5	140	6.8	129	6.1	135	6.5	115	5.5

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

**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
A00-Z99*	Total Deaths, All Causes	20,773	11.4
A00-B99	Certain Infectious and Parasitic Diseases	465	25.6
A00-A09	Intestinal Infectious Diseases	37	2.0
A04	Other Bacterial Intestinal Infections	35	1.9
A08	Viral and Other Specified Intestinal Infections	1	0.1
A09	Diarrhoea and Gastroenteritis of Presumed Infectious Origin	1	0.1
A15-A19	Tuberculosis	4	0.2
A16	Respiratory Tuberculosis, Not Confirmed Bacteriologically or Histologically	4	0.2
A20-A28	Certain Zoonotic Bacterial Diseases	1	0.1
A28	Other Zoonotic Bacterial Diseases, Not Elsewhere Classified	1	0.1
A30-A49	Other Bacterial Diseases	343	18.9
A31	Infection due to Other Mycobacteria	2	0.1
A40	Streptococcal Septicemia	2	0.1
A41	Other Septicemia	324	17.8
A42	Actinomycosis	1	0.1
A43	Nocardiosis	2	0.1
A48	Other Bacterial Diseases, Not Elsewhere Classified	2	0.1
A49	Bacterial Infection of Unspecified Site	10	0.6
A80-A89	Viral Infections of the Central Nervous System	6	0.3
A80	Acute Poliomyelitis	1	0.1
A81	Slow Virus Infections of Central Nervous System	3	0.2
A83	Mosquito-Borne Viral Encephalitis	1	0.1
A86	Unspecified Viral Encephalitis	1	0.1
B00-B09	Viral Infections Characterized by Skin and Mucous Membrane Lesions	4	0.2
B00	Herpesviral [Herpes Simplex] Infection	2	0.1
B02	Zoster [Herpes Zoster]	1	0.1
B05	Measles	1	0.1
B15-B19	Viral Hepatitis	25	1.4
B15	Acute Hepatitis a	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.

**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
B16	Acute Hepatitis B	5	0.3
B18	Chronic Viral Hepatitis	19	1.0
B20-B24	Human Immunodeficiency Virus [HIV] Disease	23	1.3
B20	Human Immunodeficiency Virus [HIV] Disease Resulting in Infectious and Parasitic Diseases	9	0.5
B22	Human Immunodeficiency Virus [HIV] Disease Resulting in Other Specified Diseases	1	0.1
B23	Human Immunodeficiency Virus [HIV] Disease Resulting in Other Conditions	5	0.3
B24	Unspecified Human Immunodeficiency Virus [HIV] Disease	8	0.4
B25-B34	Other Viral Diseases	6	0.3
B25	Cytomegaloviral Disease	1	0.1
B33	Other Viral Diseases, Not Elsewhere Classified	1	0.1
B34	Viral Infection of Unspecified Site	4	0.2
B35-B49	Mycoses	11	0.6
B37	Candidiasis	3	0.2
B40	Blastomycosis	2	0.1
B44	Aspergillosis	2	0.1
B45	Cryptococcosis	1	0.1
B49	Unspecified Mycosis	3	0.2
B50-B64	Protozoal Diseases	1	0.1
B59	Pneumocystis	1	0.1
B90-B94	Sequelae of Infectious and Parasitic Diseases	3	0.2
B91	Sequelae of Poliomyelitis	2	0.1
B94	Sequelae of Other and Unspecified Infectious and Parasitic Diseases	1	0.1
B99	Other Infectious Diseases	1	0.1
B99	Other and Unspecified Infectious Diseases	1	0.1
C00-D48	Neoplasms	4,737	260.7
C00-C97	Malignant Neoplasms	4,617	254.1
C02	Malignant Neoplasm of Other and Unspecified Parts of Tongue	12	0.7
C03	Malignant Neoplasm of Gum	1	0.1
C05	Malignant Neoplasm of Palate	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.

**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
C06	Malignant Neoplasm of Other and Unspecified Parts of Mouth	13	0.7
C07	Malignant Neoplasm of Parotid Gland	5	0.3
C08	Malignant Neoplasm of Other and Unspecified Major Salivary Glands	1	0.1
C09	Malignant Neoplasm of Tonsil	5	0.3
C10	Malignant Neoplasm of Oropharynx	2	0.1
C11	Malignant Neoplasm of Nasopharynx	5	0.3
C12	Malignant Neoplasm of Pyriform Sinus	1	0.1
C13	Malignant Neoplasm of Hypopharynx	4	0.2
C14	Malignant Neoplasm of Other and Ill-Defined Sites in the Lip, Oral Cavity and Pharynx	11	0.6
C15-C26	Malignant Neoplasms of Digestive Organs	930	51.2
C15	Malignant Neoplasm of Esophagus	89	4.9
C16	Malignant Neoplasm of Stomach	73	4.0
C17	Malignant Neoplasm of Small Intestine	12	0.7
C18	Malignant Neoplasm of Colon	358	19.7
C19	Malignant Neoplasm of Rectosigmoid Junction	17	0.9
C20	Malignant Neoplasm of Rectum	54	3.0
C21	Malignant Neoplasm of Anus and Anal Canal	4	0.2
C22	Malignant Neoplasm of Liver and Intrahepatic Bile Ducts	96	5.3
C23	Malignant Neoplasm of Gallbladder	15	0.8
C24	Malignant Neoplasm of Other and Unspecified Parts of the Biliary Tract	11	0.6
C25	Malignant Neoplasm of Pancreas	189	10.4
C26	Malignant Neoplasm of Other and Ill-Defined Digestive Organs	12	0.7
C30-C39	Malignant Neoplasms of Respiratory and Intrathoracic Organs	1,599	88.0
C31	Malignant Neoplasm of Accessory Sinuses	4	0.2
C32	Malignant Neoplasm of Larynx	52	2.9
C33	Malignant Neoplasm of Trachea	1	0.1
C34	Malignant Neoplasm of Bronchus and Lung	1,531	84.3
C38	Malignant Neoplasm of Heart, Mediastinum, and Pleura	4	0.2
C39	Malignant Neoplasm of Other and Ill-Defined Sites in the Respiratory System and Intrathoracic Organs	7	0.4

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

**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
C40-C41	Malignant Neoplasms of Bone and Articular Cartilage	8	0.4
C40	Malignant Neoplasm of Bone and Articular Cartilage of Limbs	1	0.1
C41	Malignant Neoplasm of Bone and Articular Cartilage of Other and Unspecified Sites	7	0.4
C43-C44	Melanoma and Other Malignant Neoplasms of Skin	100	5.5
C43	Malignant Neoplasm of Skin	74	4.1
C44	Other Malignant Neoplasms of Skin	26	1.4
C45-C49	Malignant Neoplasms of Mesothelial and Soft Tissue	55	3.0
C45	Mesothelioma	29	1.6
C48	Malignant Neoplasm of Retroperitoneum and Peritoneum	6	0.3
C49	Malignant Neoplasm of Other Connective and Soft Tissue	20	1.1
C50	Malignant Neoplasm of Breast	336	18.5
C50	Malignant Neoplasm of Breast	336	18.5
C51-C58	Malignant Neoplasms of Female Genital Organs	190	10.5
C51	Malignant Neoplasm of Vulva	7	0.4
C52	Malignant Neoplasm of Vagina	2	0.1
C53	Malignant Neoplasm of Cervix Uteri	34	1.9
C54	Malignant Neoplasm of Corpus Uteri	26	1.4
C55	Malignant Neoplasm of Uterus, Part Unspecified	24	1.3
C56	Malignant Neoplasm of Ovary	93	5.1
C57	Malignant Neoplasm of Other and Unspecified Female Genital Organs	4	0.2
C60-C63	Malignant Neoplasms of Male Genital Organs	194	10.7
C60	Malignant Neoplasm of Penis	4	0.2
C61	Malignant Neoplasm of Prostate	188	10.3
C62	Malignant Neoplasm of Testis	2	0.1
C64-C68	Malignant Neoplasms of Urinary Tract	209	11.5
C64	Malignant Neoplasm of Kidney, Except Renal Pelvis	103	5.7
C65	Malignant Neoplasm of Renal Pelvis	1	0.1
C66	Malignant Neoplasm of Ureter	1	0.1
C67	Malignant Neoplasm of Bladder	98	5.4

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

**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
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	116	6.4
C69	Malignant Neoplasm of Eye and Adnexa	2	0.1
C71	Malignant Neoplasm of Brain	113	6.2
C72	Malignant Neoplasm of Spinal Cord, Cranial Nerves and Other Parts of the Central Nervous System	1	0.1
C73-C75	Malignant Neoplasms of Other Endocrine Glands	15	0.8
C73	Malignant Neoplasm of Thyroid Gland	11	0.6
C74	Malignant Neoplasm of Adrenal Gland	2	0.1
C75	Malignant Neoplasm of Other Endocrine Glands and Related Structures	2	0.1
C76-C80	Malignant Neoplasms of Ill-Defined, Secondary and Unspecified Sites	307	16.9
C76	Malignant Neoplasm of Other and Ill-Defined Sites	27	1.5
C77	Secondary and Unspecified Malignant Neoplasm of Lymph Nodes	1	0.1
C78	Secondary and Malignant Neoplasm of Respiratory and Digestive Organs	17	0.9
C79	Secondary Malignant Neoplasm of Other Sites	31	1.7
C80	Malignant Neoplasm without Specification of Site	231	12.7
C81-C96	Malignant Neoplasms of Lymphoid, Hematopoietic and Related Tissue	413	22.7
C81	Hodgkin's Disease	11	0.6
C83	Diffuse Non-Hodgkin's Lymphoma	13	0.7
C84	Peripheral and Cutaneous T-Cell Lymphoma	8	0.4
C85	Other and Unspecified Types of Non-Hodgkin's Lymphoma	133	7.3
C88	Malignant Immunoproliferative Diseases	2	0.1
C90	Multiple Myeloma and Malignant Plasma Cell Neoplasms	75	4.1
C91	Lymphoid Leukemia	54	3.0
C92	Myeloid Leukemia	83	4.6
C93	Monocytic Leukemia	2	0.1
C94	Other Leukemias of Specified Cell Type	1	0.1
C95	Leukemia of Unspecified Cell Type	31	1.7
C97	Malignant Neoplasm of Independent (Primary) Multiple Sites	84	4.6
C97	Malignant Neoplasm of Independent (Primary) Multiple Sites	84	4.6

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**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
D10-D36	Benign Neoplasms	9	0.5
D13	Benign Neoplasm of Other and Ill-Defined Parts of Digestive System	1	0.1
D15	Benign Neoplasm of Other and Unspecified Intrathoracic Organs	1	0.1
D21	Other Benign Neoplasm of Connective and Other Soft Tissue	1	0.1
D32	Benign Neoplasm of Meninges	6	0.3
D37-D48	Neoplasms of Uncertain or Unknown Behavior	111	6.1
D37	Neoplasm of Uncertain or Unknown Behavior of Oral Cavity and Digestive Organs	7	0.4
D38	Neoplasm of Uncertain or Unknown Behavior of Middle Ear and Respiratory and Intrathoracic Organs	8	0.4
D41	Neoplasm of Uncertain or Unknown Behavior of Urinary Organs	2	0.1
D43	Neoplasm of Uncertain or Unknown Behavior of Brain and Central Nervous System	29	1.6
D44	Neoplasm of Uncertain or Unknown Behavior of Endocrine Glands	4	0.2
D45	Polycythemia Vera	2	0.1
D46	Myelodysplastic Syndromes	36	2.0
D47	Other Neoplasm of Uncertain or Unknown Behavior of Lymphoid, Hematopoietic and Related Tissue	16	0.9
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	99	5.4
D50-D53	Nutritional Anemias	6	0.3
D51	Vitamin B12 Deficiency Anemia	3	0.2
D53	Other Nutritional Anemias	3	0.2
D55-D59	Hemolytic Anemias	4	0.2
D57	Sickle-Cell Disorders	1	0.1
D58	Other Hereditary Hemolytic Anemias	3	0.2
D60-D64	Aplastic and Other Anemias	33	1.8
D61	Other Aplastic Anemias	9	0.5
D64	Other Anemias	24	1.3
D65-D69	Coagulation Defects, Purpura and Other Hemorrhagic Conditions	38	2.1
D65	Disseminated Intravascular Coagulation [Defibrination Syndrome]	13	0.7
D68	Other Coagulation Defects	12	0.7
D69	Purpura and Other Hemorrhagic Conditions	13	0.7

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**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
D70-D77	Other Diseases of Blood and Blood-forming Organs	6	0.3
D70	Agranulocytosis	3	0.2
D72	Other Disorders of White Blood Cells	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	12	0.7
D80	Immunodeficiency with Predominantly Antibody Defects	1	0.1
D82	Immunodeficiency Associated with Other Major Defects	1	0.1
D84	Other Immunodeficiencies	7	0.4
D86	Sarcoidosis	3	0.2
E00-E90	Endocrine, Nutritional and Metabolic Diseases	1,073	59.1
E00-E07	Disorders of Thyroid Gland	31	1.7
E03	Other Hypothyroidism	25	1.4
E04	Other Nontoxic Goitre	1	0.1
E05	Thyrotoxicosis [Hyperthyroidism]	4	0.2
E07	Other Disorders of Thyroid	1	0.1
E10-E14	Diabetes Mellitus	760	41.8
E10	Insulin-Dependent Diabetes Mellitus	69	3.8
E11	Non-Insulin-Dependent Diabetes Mellitus	199	11.0
E14	Unspecified Diabetes Mellitus	492	27.1
E15-E16	Other Disorders of Glucose Regulation and Pancreatic Internal Secretion	7	0.4
E15	Nondiabetic Hypoglycemic Coma	1	0.1
E16	Other Disorders of Pancreatic Internal Secretion	6	0.3
E20-E35	Disorders of Other Endocrine Glands	9	0.5
E20	Hypoparathyroidism	1	0.1
E21	Hypoparathyroidism and Other Disorders of Parathyroid Gland	1	0.1
E23	Hyperfunction and Other Disorders of Pituitary Gland	1	0.1
E25	Adrenogenital Disorders	1	0.1
E27	Other Disorders of Adrenal Gland	2	0.1

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**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
E32	Disease of Thymus	1	0.1
E34	Other Endocrine Disorders	2	0.1
E40-E46	Malnutrition	30	1.7
E41	Nutritional Marasmus	2	0.1
E43	Unspecified Severe Protein-Energy Malnutrition	4	0.2
E46	Unspecified Protein-Energy Malnutrition	24	1.3
E65-E68	Obesity and Other Hyperalimentation	49	2.7
E66	Obesity	49	2.7
E70-E90	Metabolic Disorders	187	10.3
E72	Other Disorders of Amino-Acid Metabolism	2	0.1
E75	Disorders of Sphingolipid Metabolism and Other Lipid Storage Disorders	2	0.1
E77	Disorders of Glycoprotein Metabolism	1	0.1
E78	Disorders of Lipoprotein Metabolism and Other Lipidemias	89	4.9
E83	Disorders of Mineral Metabolism	5	0.3
E84	Cystic Fibrosis	3	0.2
E85	Amyloidosis	3	0.2
E86	Volume Depletion	46	2.5
E87	Other Disorders of Fluid, Electrolyte and Acid-Base Balance	28	1.5
E88	Other Metabolic Disorders	8	0.4
F00-F99	Mental and Behavioral Disorders	464	25.5
F00-F09	Organic, Including Symptomatic, Mental Disorders	404	22.2
F01	Vascular Dementia	10	0.6
F03	Unspecified Dementia	379	20.9
F05	Delirium, Not Induced by Alcohol and Other Psychoactive Substances	1	0.1
F06	Other Mental Disorders due to Brain Damage and Dysfunction and to Physical Disease	14	0.8
F10-F19	Mental and Behavioral Disorders due to Psychoactive Substance Use	40	2.2
F10	Mental and Behavioral Disorders due to Use of Alcohol	35	1.9
F14	Mental and Behavioral Disorders due to Use of Cocaine	1	0.1
F17	Mental and Behavioral Disorders due to Use of Tobacco	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.

**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
F19	Mental and Behavioral Disorders due to Multiple Drug Use and Use of Other Psychoactive Substances	3	0.2
F20-F29	Schizophrenia, Schizotypal and Delusional Disorders	4	0.2
F20	Schizophrenia	3	0.2
F29	Unspecified Nonorganic Psychosis	1	0.1
F30-F39	Mood [Affective] Disorders	8	0.4
F31	Bipolar Affective Disorder	1	0.1
F32	Depressive Episode	7	0.4
F40-F48	Neurotic, Stress-Related and Somatoform Disorders	3	0.2
F41	Other Anxiety Disorders	2	0.1
F45	Somatoform Disorders	1	0.1
F50-F59	Behavioral Syndromes Associated with Physiological Disturbances and Physical Factors	1	0.1
F50	Eating Disorders	1	0.1
F70-F79	Mental Retardation	4	0.2
F79	Unspecified Mental Retardation	4	0.2
G00-G99	Diseases of the Nervous System	839	46.2
G00-G09	Inflammatory Diseases of the Central Nervous System	11	0.6
G00	Bacterial Meningitis, Not Elsewhere Classified	2	0.1
G03	Meningitis due to Other and Unspecified Causes	3	0.2
G04	Encephalitis, Myelitis and Encephalomyelitis	1	0.1
G06	Intracranial and Intraspinous Abscess and Granuloma	5	0.3
G10-G13	Systemic Atrophies Primarily Affecting the Central Nervous System	52	2.9
G10	Huntington's Disease	6	0.3
G11	Hereditary Ataxia	1	0.1
G12	Spinal Muscular Atrophy and Related Syndromes	45	2.5
G20-G26	Extrapyramidal and Movement Disorders	116	6.4
G20	Parkinson's Disease	108	5.9
G21	Secondary Parkinsonism	6	0.3
G23	Other Degenerative Diseases of Basal Ganglia	2	0.1
G30-G32	Other Degenerative Diseases of the Nervous System	537	29.6

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

**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
G30	Alzheimer's Disease	530	29.2
G31	Other Degenerative Diseases of Nervous System, Not Elsewhere Classified	7	0.4
G35-G37	Demyelinating Diseases of the Central Nervous System	19	1.0
G35	Multiple Sclerosis	19	1.0
G40-G47	Episodic and Paroxysmal Disorders	16	0.9
G40	Epilepsy	4	0.2
G41	Status Epilepticus	3	0.2
G45	Transient Cerebral Ischemic Attacks and Related Syndromes	6	0.3
G47	Sleep Disorders	3	0.2
G60-G64	Polyneuropathies and Other Disorders of the Peripheral Nervous System	7	0.4
G60	Hereditary and Idiopathic Neuropathy	1	0.1
G61	Inflammatory Polyneuropathy	3	0.2
G62	Other Polyneuropathies	3	0.2
G70-G73	Diseases of Myoneural Junction and Muscle	12	0.7
G70	Myasthenia Gravis and Other Myoneural Disorders	2	0.1
G71	Primary Disorders of Muscles	9	0.5
G72	Other Myopathies	1	0.1
G80-G83	Cerebral Palsy and Other Paralytic Syndromes	26	1.4
G80	Infantile Cerebral Palsy	19	1.0
G82	Paraplegia and Tetraplegia	7	0.4
G90-G99	Other Disorders of the Nervous System	43	2.4
G90	Disorders of Autonomic Nervous System	2	0.1
G91	Hydrocephalus	5	0.3
G93	Other Disorders of Brain	34	1.9
G95	Other Diseases of Spinal Cord	2	0.1
H00-H59	Diseases of the Eye and Adnexa	1	0.1
H43-H45	Disorders of Vitreous Body and Globe	1	0.1
H44	Disorders of Globe	1	0.1
I00-I99	Diseases of the Circulatory System	7,293	401.4

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

**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
I00-I09, I11, I13, I20-I51 I05-I09	Diseases of the Heart	5,516	303.6
I05	Chronic Rheumatic Heart Diseases	26	1.4
I05	Rheumatic Mitral Valve Diseases	12	0.7
I06	Rheumatic Aortic Valve Diseases	1	0.1
I08	Multiple Valve Diseases	10	0.6
I09	Other Rheumatic Heart Diseases	3	0.2
I10-I15	Hypertensive Diseases	446	24.5
I10	Essential (Primary) Hypertension	168	9.2
I11	Hypertensive Heart Disease	167	9.2
I12	Hypertensive Renal Disease	78	4.3
I13	Hypertensive Heart and Renal Disease	33	1.8
I20-I25	Ischemic Heart Diseases	3,798	209.0
I20	Angina Pectoris	8	0.4
I21	Acute Myocardial Infarction	1,302	71.7
I22	Subsequent Myocardial Infarction	1	0.1
I23	Certain Current Complications Following Acute Myocardial Infarction	1	0.1
I24	Other Acute Ischemic Heart Diseases	17	0.9
I25	Chronic Ischemic Heart Disease	2,469	135.9
I26-I28	Pulmonary Heart Disease and Diseases of Pulmonary Circulation	85	4.7
I26	Pulmonary Embolism	56	3.1
I27	Other Pulmonary Heart Diseases	29	1.6
I30-I52	Other forms of Heart Diseases	1,407	77.4
I30	Acute Pericarditis	1	0.1
I31	Other Diseases of Pericardium	3	0.2
I33	Acute and Subacute Endocarditis	5	0.3
I34	Nonrheumatic Mitral Valve Disorders	14	0.8

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

**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
I35	Nonrheumatic Aortic Valve Disorders	78	4.3
I38	Endocarditis, Valve Unspecified	49	2.7
I40	Acute Myocarditis	1	0.1
I42	Cardiomyopathy	145	8.0
I44	Atrioventricular and Left Bundle-Branch Block	1	0.1
I45	Other Conduction Disorders	1	0.1
I46	Cardiac Arrest	322	17.7
I47	Paroxysmal Tachycardia	4	0.2
I48	Atrial Fibrillation and Flutter	105	5.8
I49	Other Cardiac Arrhythmias	51	2.8
I50	Heart Failure	582	32.0
I51	Complications and Ill-Defined Descriptions of Heart Disease	45	2.5
I60-I69	Cerebrovascular Diseases	1,190	65.5
I60	Subarachnoid Hemorrhage	61	3.4
I61	Intracerebral Hemorrhage	145	8.0
I62	Other Nontraumatic Intracranial Hemorrhage	83	4.6
I63	Cerebral Infarction	83	4.6
I64	Stroke, Not Specified as Hemorrhage or Infarction	635	35.0
I67	Other Cerebrovascular Diseases	121	6.7
I69	Sequelae of Cerebrovascular Disease	62	3.4
I70-I79	Diseases of Arteries, Arterioles and Capillaries	308	17.0
I70	Atherosclerosis	114	6.3
I71	Aortic Aneurysm and Dissection	113	6.2
I72	Other Aneurysm	6	0.3
I73	Other Peripheral Vascular Diseases	58	3.2
I74	Arterial Embolism and Thrombosis	9	0.5
I77	Other Disorders of Arteries and Arterioles	8	0.4
I80-I89	Diseases of Veins, Lymphatic Vessels and Lymph Nodes, Not Elsewhere Classified	29	1.6
I80	Phlebitis and Thrombophlebitis	23	1.3

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

**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
I82	Other Venous Embolism and Thrombosis	2	0.1
I83	Varicose Veins of Lower Extremities	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	1	0.1
I99	Other and Unspecified Disorders of Circulatory System	3	0.2
J00-J99	Diseases of the Respiratory System	2,251	123.9
J00-J06	Acute Upper Respiratory Infections	2	0.1
J06	Acute Upper Respiratory Infections of Multiple and Unspecified Sites	2	0.1
J10-J18	Influenza and Pneumonia	412	22.7
J10	Influenza due to Identified Influenza Virus	9	0.5
J11	Influenza, Virus Not Identified	12	0.7
J12	Viral Pneumonia, Not Elsewhere Classified	4	0.2
J13	Pneumonia due to Streptococcus Pneumoniae	4	0.2
J15	Bacterial Pneumonia, Not Elsewhere Classified	25	1.4
J18	Pneumonia, Organism Unspecified	358	19.7
J20-J22	Other Acute Lower Respiratory Infections	7	0.4
J20	Acute Bronchitis	5	0.3
J22	Unspecified Acute Lower Respiratory Infection	2	0.1
J30-J39	Other Diseases of Upper Respiratory Tract	2	0.1
J39	Other Diseases of Upper Respiratory Tract	2	0.1
J40-J47	Chronic Lower Respiratory Diseases	1,355	74.6
J40	Bronchitis, Not Specified as Acute or Chronic	5	0.3
J42	Unspecified Chronic Bronchitis	2	0.1
J43	Emphysema	111	6.1
J44	Other Chronic Obstructive Pulmonary Disease	1,201	66.1
J45	Asthma	26	1.4
J46	Status Asthmaticus	4	0.2
J47	Bronchiectasis	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.

**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
J60-J70	Lung Diseases due to External Agents	228	12.5
J60	Coalworker's Pneumoconiosis	74	4.1
J61	Pneumoconiosis due to Asbestos and Other Mineral Fibers	8	0.4
J64	Unspecified Pneumoconiosis	4	0.2
J69	Pneumonitis due to Solids and Liquids	140	7.7
J70	Respiratory Conditions due to Other External Agents	2	0.1
J80-J84	Other Respiratory Diseases Principally Affecting the Interstitium	128	7.0
J80	Adult Respiratory Distress Syndrome	10	0.6
J81	Pulmonary Edema	7	0.4
J82	Pulmonary Eosinophilia, Not Elsewhere Classified	1	0.1
J84	Other Interstitial Pulmonary Diseases	110	6.1
J85-J86	Suppurative and Necrotic Conditions of Lower Respiratory Tract	7	0.4
J85	Abscess of Lung and Mediastinum	2	0.1
J86	Pyothorax	5	0.3
J90-J94	Other Diseases of Pleura	21	1.2
J90	Pleural Effusion, Not Elsewhere Classified	17	0.9
J93	Pneumothorax	2	0.1
J94	Other Pleural Conditions	2	0.1
J95-J99	Other Diseases of the Respiratory System	89	4.9
J96	Respiratory Failure, Not Elsewhere Classified	49	2.7
J98	Other Respiratory Disorders	40	2.2
K00-K93	Diseases of the Digestive System	702	38.6
K00-K14	Diseases of Oral Cavity, Salivary Glands and Jaws	1	0.1
K11	Diseases of Salivary Glands	1	0.1
K20-K31	Diseases of Esophagus, Stomach and Duodenum	54	3.0
K20	Esophagitis	1	0.1
K21	Gastro-esophageal Reflux Disease	7	0.4
K22	Other Diseases of Esophagus	5	0.3
K25	Gastric Ulcer	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.

**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
K26	Duodenal Ulcer	15	0.8
K27	Peptic Ulcer, Site Unspecified	3	0.2
K28	Gastrojejunal Ulcer	1	0.1
K29	Gastritis and Duodenitis	4	0.2
K31	Other Diseases of Stomach and Duodenum	5	0.3
K35-K38	Diseases of Appendix	4	0.2
K35	Acute Appendicitis	4	0.2
K40-K46	Hernia	12	0.7
K40	Inguinal Hernia	2	0.1
K43	Ventral Hernia	3	0.2
K44	Diaphragmatic Hernia	3	0.2
K46	Unspecified Abdominal Hernia	4	0.2
K50-K52	Noninfective Enteritis and Colitis	20	1.1
K50	Crohn's Disease [Regional Enteritis]	2	0.1
K51	Ulcerative Colitis	2	0.1
K52	Other Noninfective Gastroenteritis and Colitis	16	0.9
K55-K63	Other Diseases of Intestines	153	8.4
K55	Vascular Disorders of Intestine	77	4.2
K56	Paralytic Ileus and Intestinal Obstruction without Hernia	28	1.5
K57	Diverticular Disease of Intestine	18	1.0
K59	Other Functional Intestinal Disorders	3	0.2
K62	Other Diseases of Anus and Rectum	2	0.1
K63	Other Diseases of Intestine	25	1.4
K65-K67	Diseases of Peritoneum	19	1.0
K65	Peritonitis	16	0.9
K66	Other Disorders of Peritoneum	3	0.2
K70-K77	Diseases of Liver	297	16.3
K70	Alcoholic Liver Disease	88	4.8
K72	Hepatic Failure, Not Elsewhere Classified	36	2.0

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

**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
K74	Fibrosis and Cirrhosis of Liver	142	7.8
K75	Other Inflammatory Liver Diseases	3	0.2
K76	Other Diseases of Liver	28	1.5
K80-K87	Disorders of Gallbladder, Biliary Tract and Pancreas	77	4.2
K80	Chololithiasis	10	0.6
K81	Cholecystitis	23	1.3
K82	Other Diseases of Gallbladder	1	0.1
K83	Other Diseases of Biliary Tract	9	0.5
K85	Acute Pancreatitis	24	1.3
K86	Other Diseases of Pancreas	10	0.6
K90-K93	Other Diseases of the Digestive System	65	3.6
K90	Intestinal Malabsorption	2	0.1
K92	Other Diseases of Digestive System	63	3.5
L00-L99	Diseases of the Skin and Subcutaneous Tissue	34	1.9
L00-L08	Infections of the Skin and Subcutaneous Tissue	10	0.6
L02	Cutaneous Abscess, Furuncle and Carbuncle	2	0.1
L03	Cellulitis	5	0.3
L08	Other Local Infections of Skin and Subcutaneous Tissue	3	0.2
L10-L14	Bullous Disorders	1	0.1
L10	Pemphigus	1	0.1
L20-L30	Dermatitis and Eczema	1	0.1
L26	Exfoliative Dermatitis	1	0.1
L50-L54	Urticaria and Erythema	1	0.1
L51	Erythema Multiforme	1	0.1
L80-L99	Other Disorders of the Skin and Subcutaneous Tissue	21	1.2
L89	Decubitus Ulcer	18	1.0
L93	Lupus Erythematosus	1	0.1
L97	Ulcer of Lower Limb, Not Elsewhere Classified	2	0.1
M00-M99	Diseases of the Musculoskeletal System and Connective Tissue	110	6.1

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

**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
M00-M25	Arthropathies	42	2.3
M00-M03	Infectious Arthropathies	1	0.1
M00	Pyogenic Arthritis	1	0.1
M05-M14	Inflammatory Polyarthropathies	32	1.8
M05	Seropositive Rheumatoid Arthritis	4	0.2
M06	Other Rheumatoid Arthritis	25	1.4
M10	Gout	1	0.1
M13	Other Arthritis	2	0.1
M15-M19	Arthrosis	8	0.4
M19	Other Arthrosis	8	0.4
M20-M25	Other Joint Disorders	1	0.1
M25	Other Joint Disorders, Not Elsewhere Classified	1	0.1
M30-M36	Systemic Connective Tissue Disorders	20	1.1
M31	Other Necrotizing Vasculopathies	4	0.2
M32	Systemic Lupus Erythematosus	3	0.2
M33	Dermatopolymyositis	3	0.2
M34	Systemic Sclerosis	8	0.4
M35	Other Systemic Involvement of Connective Tissue	2	0.1
M40-M54	Dorsopathies	11	0.6
M40-M43	Deforming Dorsopathies	3	0.2
M41	Scoliosis	3	0.2
M45-M49	Spondylopathies	6	0.3
M46	Other Inflammatory Spondylopathies	1	0.1
M47	Spondylosis	1	0.1
M48	Other Spondylopathies	4	0.2
M50-M54	Other Dorsopathies	2	0.1
M51	Other Intervertebral Disc Disorders	2	0.1
M60-M79	Soft Tissue Disorders	13	0.7
M60-M63	Disorders of Muscles	10	0.6

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**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
M60	Myositis	1	0.1
M62	Other Disorders of Muscle	9	0.5
M70-M79	Other Soft Tissue Disorders	3	0.2
M72	Fibroblastic Disorders	3	0.2
M80-M94	Osteopathies and Chondropathies	24	1.3
M80-M85	Disorders of Bone Density and Structure	10	0.6
M80	Osteoporosis with Pathological Fracture	1	0.1
M81	Osteoporosis without Pathological Fracture	8	0.4
M84	Disorders of Continuity of Bone	1	0.1
M86-M90	Other Osteopathies	14	0.8
M86	Osteomyelitis	13	0.7
M88	Paget's Disease of Bone [Osteitis Deformans]	1	0.1
N00-N99	Diseases of the Genitourinary System	625	34.4
N00-N08	Glomerular Diseases	2	0.1
N01	Rapidly Progressive Nephritic Syndrome	1	0.1
N05	Unspecified Nephritic Syndrome	1	0.1
N10-N16	Renal Tubulo-Interstitial Diseases	6	0.3
N11	Chronic Tubulo-Interstitial Nephritis	1	0.1
N12	Tubulo-Interstitial Nephritis, Not Specified as Acute or Chronic	3	0.2
N13	Obstructive and Reflux Uropathy	2	0.1
N17-N19	Renal Failure	454	25.0
N17	Acute Renal Failure	75	4.1
N18	Chronic Renal Failure	175	9.6
N19	Unspecified Renal Failure	204	11.2
N20-N23	Urolithiasis	6	0.3
N20	Calculus of Kidney and Ureter	6	0.3
N25-N29	Other Disorders of Kidney and Ureter	6	0.3
N28	Other Disorders of Kidney and Ureter, Not Elsewhere Classified	6	0.3
N30-N39	Other Diseases of the Urinary System	142	7.8

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**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
N30	Cystitis	2	0.1
N35	Urethral Stricture	1	0.1
N39	Other Disorders of Urinary System	139	7.7
N40-N51	Diseases of Male Genital Organs	7	0.4
N40	Hyperplasia of Prostate	4	0.2
N41	Inflammatory Diseases of Prostate	1	0.1
N48	Other Disorders of Penis	1	0.1
N49	Inflammatory Disorders of Male Genital Organs, Not Elsewhere Classified	1	0.1
N70-N77	Inflammatory Diseases of Female Pelvic Organs	1	0.1
N73	Other Female Pelvic Inflammatory Diseases	1	0.1
N80-N98	Noninflammatory Disorders of Female Genital Tract	1	0.1
N93	Other Abnormal Uterine and Vaginal Bleeding	1	0.1
O00-O99*	Pregnancy, Childbirth and the Puerperium	1	0.1
O85-O92	Complications Predominantly Related to the Puerperium	1	4.8
O85	Puerperal Sepsis	1	4.8
P00-P96	Certain Conditions Originating in the Perinatal Period	76	4.2
P00-P04	Fetus and Newborn Affected by Maternal Factors and by Complications of Pregnancy, Labor and Delivery	19	1.0
P00	Fetus and Newborn Affected by Maternal Conditions That May Be Unrelated to Present Pregnancy	3	0.2
P01	Fetus and Newborn Affected by Maternal Complications of Pregnancy	9	0.5
P02	Fetus and Newborn Affected by Complications of Placenta, Cord and Membranes	5	0.3
P04	Fetus and Newborn Affected by Noxious Influences Transmitted Via Placenta or Breast Milk	2	0.1
P05-P08	Disorders Related to Length of Gestation and Fetal Growth	18	1.0
P07	Disorders Related to Short Gestation and Low Birthweight, Not Elsewhere Classified	18	1.0
P20-P29	Respiratory and Cardiovascular Disorders Specific to the Perinatal Period	24	1.3
P20	Intrauterine Hypoxia	1	0.1
P21	Birth Asphyxia	3	0.2
P22	Respiratory Distress of Newborn	4	0.2
P26	Pulmonary Hemorrhage Originating in the Perinatal Period	3	0.2
P27	Chronic Respiratory Disease Originating in the Perinatal Period	2	0.1

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* Maternal death rates are per 100,000 live births.
West Virginia Bureau for Public Health
Health Statistics Center, 2007

**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
P28	Other Respiratory Conditions Originating in the Perinatal Period	9	0.5
P29	Cardiovascular Disorders Originating in the Perinatal Period	2	0.1
P35-P39	Infections Specific to the Perinatal Period	6	0.3
P35	Congenital Viral Diseases	2	0.1
P36	Bacterial Sepsis of Newborn	2	0.1
P39	Other Infections Specific to the Perinatal Period	2	0.1
P50-P61	Hemorrhagic and Hematological Disorders of Fetus and Newborn	3	0.2
P52	Intracranial Nontraumatic Hemorrhage of Fetus and Newborn	2	0.1
P55	Hemolytic Diseases 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
P80-P83	Conditions Involving the Integument and Temperature Regulation of Fetus and Newborn	2	0.1
P83	Other Conditions of Integument Specific to Fetus and Newborn	2	0.1
P90-P96	Other Disorders Originating in the Perinatal Period	2	0.1
P96	Other Conditions Originating in the Perinatal Period	2	0.1
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	71	3.9
Q00-Q07	Congenital Malformations of the Nervous System	5	0.3
Q00	Anencephaly and Similar Malformations	1	0.1
Q04	Other Congenital Malformations of Brain	3	0.2
Q05	Spina Bifida	1	0.1
Q20-Q28	Congenital Malformations of the Circulatory System	35	1.9
Q20	Congenital Malformations of Cardiac Chambers and Connections	2	0.1
Q21	Congenital Malformations of Cardiac Septa	11	0.6
Q22	Congenital Malformations of Pulmonary and Tricuspid Valves	1	0.1
Q23	Congenital Malformations of Aortic and Mitral Valves	8	0.4
Q24	Other Congenital Malformations of the Heart	9	0.5
Q25	Congenital Malformations of Great Arteries	1	0.1
Q26	Congenital Malformations of Great Veins	1	0.1
Q27	Other Congenital Malformations of Peripheral Vascular System	2	0.1

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**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
Q30-Q34	Congenital Malformations of the Respiratory System	4	0.2
Q33	Congenital Malformations of Lung	4	0.2
Q38-Q45	Other Congenital Malformations of the Digestive System	4	0.2
Q39	Congenital Malformations of Esophagus	1	0.1
Q44	Congenital Malformations of Gallbladder, Bile Ducts and Liver	3	0.2
Q60-Q64	Congenital Malformations of the Urinary System	6	0.3
Q60	Renal Agenesis and Other Reduction Defects of Kidney	2	0.1
Q61	Cystic Kidney Disease	4	0.2
Q65-Q79	Congenital Malformations and Deformations of the Musculoskeletal System	1	0.1
Q78	Other Osteochondrodysplasias	1	0.1
Q80-Q89	Other Congenital Malformations	4	0.2
Q85	Phakomatoses, Not Elsewhere Classified	2	0.1
Q89	Other Congenital Malformations, Not Elsewhere Classified	2	0.1
Q90-Q99	Chromosomal Abnormalities, Not Elsewhere Classified	12	0.7
Q90	Down's Syndrome	6	0.3
Q91	Edwards' Syndrome and Patau's Syndrome	3	0.2
Q92	Other Trisomies and Partial Trisomies of the Autosomes, Not Elsewhere Classified	1	0.1
Q99	Other Chromosome Abnormalities, Not Elsewhere Classified	2	0.1
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	26	1.4
R06	Abnormalities of Breathing	1	0.1
R07	Pain in Throat and Chest	1	0.1
R09	Other Symptoms and Signs Involving the Circulatory and Respiratory Systems	24	1.3
R50-R69	General Symptoms and Signs	49	2.7
R53	Malaise and Fatigue	5	0.3
R54	Senility	14	0.8
R55	Syncope and Collapse	1	0.1
R56	Convulsions, Not Elsewhere Classified	5	0.3
R57	Shock, Not Elsewhere Classified	9	0.5

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

**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
R58	Hemorrhage, Not Elsewhere Classified	2	0.1
R62	Lack of Expected Normal Physiological Development	12	0.7
R64	Cachexia	1	0.1
R90-R94	Abnormal Findings on Diagnostic Imaging and in Function Studies, without Diagnosis	1	0.1
R91	Abnormal Findings on Diagnostic Imaging of Lung	1	0.1
R95-R99	Ill-Defined and Unknown Causes of Mortality	258	14.2
R95	Sudden Infant Death Syndrome	41	2.3
R99	Other Ill-Defined and Unspecified Causes of Mortality	217	11.9
V01-Y98	External Causes of Morbidity and Mortality	1,598	88.0
V01-V99	Transport Accidents	426	23.4
V01-V09	Pedestrian Injured in Transport Accident	30	1.7
V03	Pedestrian Injured in Collision with Car, Pickup Truck or Van	12	0.7
V04	Pedestrian Injured in Collision with Heavy Transport Vehicle or Bus	2	0.1
V05	Pedestrian Injured in Collision with Railway Train or Railway Vehicle	1	0.1
V09	Pedestrian Injured in Other and Unspecified Transport Accidents	15	0.8
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
V19	Pedal Cyclist Injured in Other and Unspecified Transport Accidents	1	0.1
V20-V29	Motorcycle Rider Injured in Transport Accident	28	1.5
V27	Motorcycle Rider Injured in Collision with Fixed or Stationary Object	6	0.3
V28	Motorcycle Rider Injured in Noncollision Transport Accident	10	0.6
V29	Motorcycle Rider Injured in Other and Unspecified Transport Accidents	12	0.7
V30-V39	Occupant of Three-Wheeled Motor Vehicle Injured in Transport Accident	1	0.1
V38	Occupant of Three-Wheeled Motor Vehicle Injured in Noncollision Transport Accident	1	0.1
V40-V49	Car Occupant Injured in Transport Accident	70	3.9
V43	Car Occupant Injured in Collision with Car, Pickup Truck or Van	18	1.0
V44	Car Occupant Injured in Collision with Heavy Transport Vehicle or Bus	4	0.2
V45	Car Occupant Injured in Collision with Railway Train or Railway Vehicle	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.

**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
V47	Car Occupant Injured in Collision with Fixed or Stationary Object	6	0.3
V48	Car Occupant Injured in Noncollision Transport Accident	24	1.3
V49	Car Occupant Injured in Other and Unspecified Transport Accidents	17	0.9
V50-V59	Occupant of Pickup or Van Injured in Transport Accident	17	0.9
V53	Occupant of Pickup or Van Injured in Collision with Car, Pickup Truck or Van	1	0.1
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	3	0.2
V58	Occupant of Pickup or Van Injured in Noncollision Transport Accident	8	0.4
V59	Occupant of Pickup or Van Injured in Other and Unspecified Transport Accidents	2	0.1
V60-V69	Occupant of Heavy Transport Vehicle Injured in Transport Accident	2	0.1
V64	Occupant of Heavy Transport Vehicle Injured in Collision with Heavy Transport Vehicle or Bus	1	0.1
V68	Occupant of Heavy Transport Vehicle Injured in Noncollision Transport Accident	1	0.1
V80-V89	Other Land Transport Accidents	267	14.7
V80	Animal Rider or Occupant of Animal-Drawn Vehicle Injured in Transport Accident	1	0.1
V84	Occupant of Special Vehicle Mainly Used in Agriculture Injured in Transport Accident	10	0.6
V86	Occupant of Motor Vehicle Designed Primarily for Off-Road Use, Injured in Transport Accident	29	1.6
V87	Traffic Accident of Specified Type but Victim's Mode of Transport Unknown	85	4.7
V88	Nontraffic Accident of Specified Type But Victim's Mode of Transport Unknown	1	0.1
V89	Motor- or Nonmotor-Vehicle Accident, Type of Vehicle Unspecified	141	7.8
V90-V94	Water Transport Accidents	5	0.3
V90	Accident to Watercraft Causing Drowning and Submersion	3	0.2
V92	Water-Transport-Related Drowning and Submersion without Accident to Watercraft	2	0.1
V95-V97	Air and Space Transport Accidents	3	0.2
V95	Accident to Powered Aircraft Causing Injury to Occupant	3	0.2
W00-X59	Other External Causes of Accidental Injury	659	36.3
W00-W19	Falls	160	8.8
W00	Fall on Same Level Involving Ice and Snow	1	0.1
W01	Fall on Same Level from Slipping, Tripping and Stumbling	9	0.5
W04	Fall while Being Carried or Supported by Other Persons	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.

**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
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	15	0.8
W11	Fall on and from Ladder	5	0.3
W12	Fall on and from Scaffolding	1	0.1
W13	Fall from, out of or through Building or Structure	11	0.6
W15	Fall from Cliff	2	0.1
W17	Other Fall from One Level to Another	2	0.1
W18	Other Fall on Same Level	24	1.3
W19	Unspecified Fall	74	4.1
W20-W49	Exposure to Inanimate Mechanical forces	22	1.2
W20	Struck by Thrown, Projected or Falling Object	10	0.6
W22	Striking against or Struck by Other Objects	1	0.1
W23	Caught, Crushed, Jammed or Pinched in or between Objects	1	0.1
W25	Contact with Sharp Glass	1	0.1
W30	Contact with Agricultural Machinery	1	0.1
W31	Contact with Other and Unspecified Machinery	5	0.3
W32	Handgun Discharge	1	0.1
W33	Rifle, Shotgun and Larger Firearm Discharge	1	0.1
W49	Exposure to Other and Unspecified Inanimate Mechanical forces	1	0.1
W50-W64	Exposure to Animate Mechanical forces	3	0.2
W54	Bitten or Struck by Dog	1	0.1
W55	Bitten or Struck by Other Mammals	2	0.1
W65-W74	Accidental Drowning and Submersion	16	0.9
W66	Drowning and Submersion Following Fall in Bath Tub	1	0.1
W67	Drowning and Submersion while in Swimming Pool	1	0.1
W68	Drowning and Submersion Following Fall in Swimming Pool	1	0.1
W69	Drowning and Submersion while in Natural Water	10	0.6

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

**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
W70	Drowning and Submersion Following Fall in Natural Water	2	0.1
W74	Unspecified Drowning and Submersion	1	0.1
W75-W84	Other Accidental Threats to Breathing	45	2.5
W75	Accidental Suffocation and Strangulation in Bed	3	0.2
W76	Other Accidental Hanging and Strangulation	1	0.1
W77	Threat to Breathing due to Cave-In, Falling Earth and Other Substances	1	0.1
W78	Inhalation of Gastric Contents	1	0.1
W79	Inhalation and Ingestion of Food Causing Obstruction of Respiratory Tract	15	0.8
W80	Inhalation and Ingestion of Other Objects Causing Obstruction of Respiratory Tract	23	1.3
W83	Other Specified Threats to Breathing	1	0.1
W85-W99	Exposure to Electric Current, Radiation and Extreme Ambient Air Temperature and Pressure	3	0.2
W85	Exposure to Electric Transmission Lines	1	0.1
W86	Exposure to Other Specified Electric Current	1	0.1
W87	Exposure to Unspecified Electric Current	1	0.1
X00-X09	Exposure to Smoke, Fire and Flames	23	1.3
X00	Exposure to Uncontrolled Fire in Building or Structure	2	0.1
X04	Exposure to Ignition of Highly Flammable Material	1	0.1
X06	Exposure to Ignition or Melting of Other Clothing and Apparel	2	0.1
X08	Exposure to Other Specified Smoke, Fire and Flames	18	1.0
X10-X19	Contact with Heat and Hot Substances	2	0.1
X16	Contact with Hot Heating Appliances, Radiators and Pipes	2	0.1
X20-X29	Contact with Venomous Animals and Plants	2	0.1
X23	Contact with Hornets, Wasps and Bees	2	0.1
X30-X39	Exposure to forces of Nature	21	1.2
X31	Exposure to Excessive Natural Cold	17	0.9
X33	Victim of Lightning	2	0.1
X37	Victim of Cataclysmic Storm	2	0.1
X40-X49	Accidental Poisoning by and Exposure to Noxious Substances	336	18.5
X40	Accidental Poisoning by Nonopioid Analgesics, Antipyretics and Antirheumatics	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.

**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
X41	Accidental Poisoning by Antiepileptic, Sedative-hypnotic, Antiparkinsonism and Psychotropic Drugs	15	0.8
X42	Accidental Poisoning by Narcotics and Psychodysleptics [Hallucinogens], Not Elsewhere Classified	162	8.9
X44	Accidental Poisoning by Other and Unspecified Drugs, Medicaments and Biological Substances	152	8.4
X46	Accidental Poisoning by Organic Solvents and Halogenated Hydrocarbons and Their Vapors	1	0.1
X47	Accidental Poisoning by Other Gases and Vapors	5	0.3
X58-X59	Accidental Exposure to Other and Unspecified Factors	26	1.4
X58	Exposure to Other Specified Factors	1	0.1
X59	Exposure to Unspecified Factors	25	1.4
X60-X84	Intentional Self-Harm	272	15.0
X61	Intentional Self-Poisoning by Antiepileptic, Sedative-Hypnotic, Antiparkinsonism and Psychotropic Drugs	9	0.5
X62	Intentional Self-Poisoning by Narcotics and Psychodysleptics [Hallucinogens], Not Elsewhere Classified	3	0.2
X64	Intentional Self-Poisoning by Other and Unspecified Drugs, Medicaments and Biological Substances	14	0.8
X67	Intentional Self-Poisoning by Other Gases and Vapors	7	0.4
X68	Intentional Self-Poisoning by Pesticides	1	0.1
X69	Intentional Self-Poisoning by Other and Unspecified Chemicals and Noxious Substances	1	0.1
X70	Intentional Self-Harm by Hanging, Strangulation and Suffocation	35	1.9
X72	Intentional Self-Harm by Handgun Discharge	53	2.9
X73	Intentional Self-Harm by Rifle, Shotgun and Larger Firearm Discharge	36	2.0
X74	Intentional Self-Harm by Other and Unspecified Firearm Discharge	106	5.8
X76	Intentional Self-Harm by Smoke, Fire and Flames	1	0.1
X78	Intentional Self-Harm by Sharp Object	1	0.1
X80	Intentional Self-Harm by Jumping from a High Place	3	0.2
X81	Intentional Self-Harm by Jumping or Lying Before a Moving Object	2	0.1
X85-Y09	Assault	96	5.3
X85	Assault by Drugs, Medicaments and Biological Substances	1	0.1
X91	Assault by Hanging, Strangulation and Suffocation	5	0.3
X93	Assault by Handgun Discharge	3	0.2
X94	Assault by Rifle, Shotgun and Larger Firearm Discharge	15	0.8
X95	Assault by Other and Unspecified Firearm Discharge	40	2.2

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

**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
X97	Assault by Smoke, Fire and Flames	8	0.4
X99	Assault by Sharp Object	7	0.4
Y00	Assault by Blunt Object	5	0.3
Y03	Assault by Crashing of Motor Vehicle	2	0.1
Y04	Assault by Bodily force	4	0.2
Y06	Neglect and Abandonment	2	0.1
Y07	Other Maltreatment Syndromes	3	0.2
Y09	Assault by Unspecified Means	1	0.1
Y10-Y34	Event of Undetermined Intent	100	5.5
Y10	Poisoning by Nonopioid Analgesics, Antipyretics and Antirheumatics, Undetermined Intent	1	0.1
Y11	Poisoning by Antiepileptic, Sedative-Hypnotic, Antiparkinsonism and Psychotropic Drugs, Undetermined Intent	8	0.4
Y12	Poisoning by Narcotics and Psychodysleptics [Hallucinogens], Undetermined Intent	11	0.6
Y14	Poisoning by Other and Unspecified Drugs, Medicaments and Biological Substances, Undetermined Intent	15	0.8
Y15	Poisoning by Alcohol, Undetermined Intent	1	0.1
Y17	Poisoning by Other Gases and Vapors, Undetermined Intent	1	0.1
Y20	Hanging, Strangulation and Suffocation, Undetermined Intent	4	0.2
Y21	Drowning and Submersion, Undetermined Intent	1	0.1
Y24	Other and Unspecified Firearm Discharge, Undetermined Intent	3	0.2
Y26	Exposure to Smoke, Fire and Flames, Undetermined Intent	25	1.4
Y27	Contact with Steam, Hot Vapors and Hot Objects, Undetermined Intent	1	0.1
Y29	Contact with Blunt Object, Undetermined Intent	1	0.1
Y30	Falling, Jumping or Pushed from a High Place, Undetermined Intent	1	0.1
Y32	Crashing of Motor Vehicle, Undetermined Intent	1	0.1
Y33	Other Specified Events, Undetermined Intent	19	1.0
Y34	Unspecified Event, Undetermined Intent	7	0.4
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	26	1.4
Y40-Y59	Drugs, Medicaments and Biological Substances Causing Adverse Effects in Therapeutic Use	9	0.5

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

**Causes of Resident Deaths: Number and Rate
West Virginia, 2005
Table 44 (continued)**

ICDA 10 Code Number	Cause of Death	Number of Deaths	Rate
Y42	Hormones and Their Synthetic Substitutes and Antagonists, Not Elsewhere Classified	2	0.1
Y44	Agents Primarily Affecting Blood Constituents	4	0.2
Y52	Agents Primarily Affecting the Cardiovascular System	2	0.1
Y57	Other and Unspecified Drugs and Medicaments	1	0.1
Y70-Y82	Medical Devices Associated with Adverse Incidents in Diagnostic and Therapeutic Use	2	0.1
Y80	Physical Medicine Devices Associated with Adverse Incidents	1	0.1
Y82	Other and Unspecified Medical Devices Associated with Adverse Incidents	1	0.1
Y83-Y84	Medical Procedures as the Cause of Abnormal Reaction, Not Noticed at the Time of the Procedure	15	0.8
Y83	Surgical Procedures as the Cause of Abnormal Reaction, Not Noticed at the Time of the Procedure	11	0.6
Y84	Other Medical Procedures as the Cause of Abnormal Reaction, Not Noticed at the Time of the Procedure	4	0.2
Y85-Y89	Sequelae of External Causes of Morbidity and Mortality	17	0.9
Y85	Sequelae of Transport Accidents	7	0.4
Y86	Sequelae of Other Accidents	6	0.3
Y87	Sequelae of Intentional Self-Harm, Assault and Event of Undetermined Intent	2	0.1
Y88	Sequelae of Surgical and Medical Care as External Cause	1	0.1
Y89	Sequelae of Other External Causes	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.

Selected Causes of Resident Deaths: Number and Rate* by District**
West Virginia, 2005
Table 45

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	10	4.1	16	5.4	30	9.0	5	3.1	14	7.3
Total Deaths, All Causes	2,641	12.2	3,147	12.7	3,394	11.9	1,761	12.4	1,923	11.2
---Deaths under 1 Year	15	6.2	30	10.1	25	7.5	15	9.3	15	7.9
---Deaths under 28 Days	10	4.1	17	5.7	9	2.7	8	4.9	10	5.2
Tuberculosis	2	0.9	0	0.0	1	0.4	0	0.0	0	0.0
Septicemia	43	19.8	48	19.4	52	18.3	25	17.6	25	14.6
Human Immunodeficiency Virus Infection	2	0.9	6	2.4	3	1.1	3	2.1	1	0.6
Malignant Neoplasms	566	261.1	714	288.2	787	277.1	431	303.9	425	248.0
---of Digestive Organs	110	50.7	131	52.9	168	59.1	79	55.7	88	51.3
-----Colon	40	18.5	45	18.2	61	21.5	32	22.6	37	21.6
-----Pancreas	21	9.7	35	14.1	33	11.6	13	9.2	15	8.8
---of Respiratory and Intrathoracic Organs	201	92.7	286	115.5	285	100.3	147	103.7	140	81.7
-----Trachea, Bronchus, and Lung	192	88.6	275	111.0	270	95.1	143	100.8	129	75.3
---of Breast	45	20.8	59	23.8	48	16.9	32	22.6	25	14.6
---of Genitourinary Organs	79	36.4	78	31.5	91	32.0	53	37.4	51	29.8
-----Cervix Uteri	5	2.3	6	2.4	3	1.1	4	2.8	3	1.8
-----Ovary	9	4.2	17	6.9	12	4.2	11	7.8	8	4.7
-----Prostate	23	10.6	20	8.1	31	10.9	18	12.7	18	10.5
-----Bladder	16	7.4	15	6.1	15	5.3	9	6.3	8	4.7
---All Other (Malignant Neoplasms)	131	60.4	160	64.6	195	68.6	120	84.6	121	70.6
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	21	9.7	17	6.9	18	6.3	12	8.5	17	9.9
Diabetes Mellitus	114	52.6	129	52.1	119	41.9	52	36.7	52	30.3
Alzheimer's Disease	50	23.1	104	42.0	97	34.1	18	12.7	47	27.4
Major Cardiovascular Disease	913	421.2	1,045	421.9	1,121	394.6	598	421.7	755	440.5
---Diseases of the Heart	733	338.2	807	325.8	811	285.5	452	318.7	537	313.3
-----Ischemic Heart Disease	486	224.2	581	234.6	575	202.4	281	198.1	367	214.1
---Essential Hypertension and Hypertensive Renal Disease	28	12.9	27	10.9	53	18.7	21	14.8	33	19.3
---Cerebrovascular Diseases	130	60.0	179	72.3	216	76.0	100	70.5	125	72.9
---Atherosclerosis	7	3.2	6	2.4	9	3.2	1	0.7	39	22.8
---Other Diseases of Arteries, Arterioles, and Capillaries	15	6.9	26	10.5	32	11.3	24	16.9	21	12.3
Influenza and Pneumonia	38	17.5	67	27.0	63	22.2	41	28.9	43	25.1
---Influenza	1	0.5	7	2.8	5	1.8	3	2.1	1	0.6
---Pneumonia	37	17.1	60	24.2	58	20.4	38	26.8	42	24.5
Chronic Lower Respiratory Diseases	169	78.0	198	79.9	221	77.8	124	87.4	116	67.7
Lung Diseases due to External Agents	57	26.3	36	14.5	39	13.7	26	18.3	5	2.9
---Coalworker's Pneumoconiosis	36	16.6	15	6.1	7	2.5	11	7.8	0	0.0
Chronic Liver Disease and Cirrhosis	39	18.0	32	12.9	34	12.0	15	10.6	17	9.9
Nephritis, Nephrotic Syndrome, and Nephrosis	58	26.8	51	20.6	82	28.9	46	32.4	39	22.8
Congenital Anomalies	12	5.5	8	3.2	12	4.2	5	3.5	9	5.3
Ill-Defined and Unknown Causes of Death	19	8.8	41	16.6	44	15.5	22	15.5	34	19.8
Accidents	171	78.9	191	77.1	174	61.3	90	63.5	91	53.1
---Motor Vehicle Injuries	53	24.5	65	26.2	62	21.8	36	25.4	36	21.0
---Falls	15	6.9	27	10.9	27	9.5	13	9.2	18	10.5
---Smoke, Fires, and Flames	2	0.9	7	2.8	5	1.8	4	2.8	1	0.6
---Drownings	4	1.8	1	0.4	3	1.1	0	0.0	1	0.6
---Poisonings	74	34.1	69	27.9	54	19.0	26	18.3	18	10.5
---Other Accidents	23	10.6	22	8.9	23	8.1	11	7.8	17	9.9
Intentional Self-Harm	42	19.4	42	17.0	31	10.9	22	15.5	23	13.4
Assault	13	6.0	24	9.7	16	5.6	6	4.2	8	4.7
All Other Causes (Residual)	312	143.9	394	159.1	480	169.0	225	158.7	216	126.0

* 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, 2005
Table 45 (Continued)

Selected Causes of Death	Number and Rate by District							
	District 6		District 7		District 8		Total	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	6	3.8	24	6.0	10	3.4	115	5.5
Total Deaths, All Causes	1,884	12.4	3,887	10.7	2,136	8.9	20,773	11.4
---Deaths under 1 Year	7	4.4	33	8.2	28	9.4	168	8.1
---Deaths under 28 Days	6	3.8	25	6.2	21	7.1	106	5.1
Tuberculosis	1	0.7	0	0.0	0	0.0	4	0.2
Septicemia	24	15.7	70	19.3	39	16.2	326	17.9
Human Immunodeficiency Virus Infection	1	0.7	2	0.6	5	2.1	23	1.3
Malignant Neoplasms	431	282.8	812	224.2	451	187.5	4,617	254.1
---of Digestive Organs	86	56.4	178	49.1	90	37.4	930	51.2
-----Colon	33	21.6	70	19.3	40	16.6	358	19.7
-----Pancreas	23	15.1	37	10.2	12	5.0	189	10.4
---of Respiratory and Intrathoracic Organs	138	90.5	250	69.0	152	63.2	1,599	88.0
-----Trachea, Bronchus, and Lung	134	87.9	242	66.8	147	61.1	1,532	84.3
---of Breast	32	21.0	62	17.1	33	13.7	336	18.5
---of Genitourinary Organs	56	36.7	115	31.7	70	29.1	593	32.6
-----Cervix Uteri	4	2.6	5	1.4	4	1.7	34	1.9
-----Ovary	16	10.5	15	4.1	5	2.1	93	5.1
-----Prostate	14	9.2	43	11.9	21	8.7	188	10.3
-----Bladder	8	5.2	13	3.6	14	5.8	98	5.4
---All Other (Malignant Neoplasms)	119	78.1	207	57.1	106	44.1	1,159	63.8
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	10	6.6	17	4.7	8	3.3	120	6.6
Diabetes Mellitus	55	36.1	161	44.4	78	32.4	760	41.8
Alzheimer's Disease	45	29.5	115	31.7	54	22.5	530	29.2
Major Cardiovascular Disease	703	461.2	1,374	379.3	751	312.3	7,260	399.6
---Diseases of the Heart	551	361.5	1,045	288.5	580	241.2	5,516	303.6
-----Ischemic Heart Disease	401	263.1	747	206.2	360	149.7	3,798	209.0
---Essential Hypertension and Hypertensive Renal Disease	15	9.8	44	12.1	25	10.4	246	13.5
---Cerebrovascular Diseases	105	68.9	220	60.7	115	47.8	1,190	65.5
---Atherosclerosis	7	4.6	31	8.6	14	5.8	114	6.3
---Other Diseases of Arteries, Arterioles, and Capillaries	25	16.4	34	9.4	17	7.1	194	10.7
Influenza and Pneumonia	58	38.1	61	16.8	41	17.0	412	22.7
---Influenza	0	0.0	2	0.6	2	0.8	21	1.2
---Pneumonia	58	38.1	59	16.3	39	16.2	391	21.5
Chronic Lower Respiratory Diseases	118	77.4	271	74.8	138	57.4	1,355	74.6
Lung Diseases due to External Agents	7	4.6	42	11.6	16	6.7	228	12.5
---Coalworker's Pneumoconiosis	0	0.0	5	1.4	0	0.0	74	4.1
Chronic Liver Disease and Cirrhosis	21	13.8	43	11.9	29	12.1	230	12.7
Nephritis, Nephrotic Syndrome, and Nephrosis	31	20.3	106	29.3	43	17.9	456	25.1
Congenital Anomalies	3	2.0	11	3.0	11	4.6	71	3.9
Ill-Defined and Unknown Causes of Death	37	24.3	34	9.4	27	11.2	258	14.2
Accidents	78	51.2	186	51.4	117	48.7	1,098	60.4
---Motor Vehicle Injuries	15	9.8	77	21.3	47	19.5	391	21.5
---Falls	15	9.8	29	8.0	16	6.7	160	8.8
---Smoke, Fires, and Flames	0	0.0	4	1.1	0	0.0	23	1.3
---Drownings	3	2.0	2	0.6	2	0.8	16	0.9
---Poisonings	25	16.4	39	10.8	31	12.9	336	18.5
---Other Accidents	20	13.1	35	9.7	21	8.7	172	9.5
Intentional Self-Harm	29	19.0	44	12.1	39	16.2	272	15.0
Assault	3	2.0	15	4.1	13	5.4	98	5.4
All Other Causes (Residual)	229	150.2	523	144.4	276	114.8	2,655	146.1

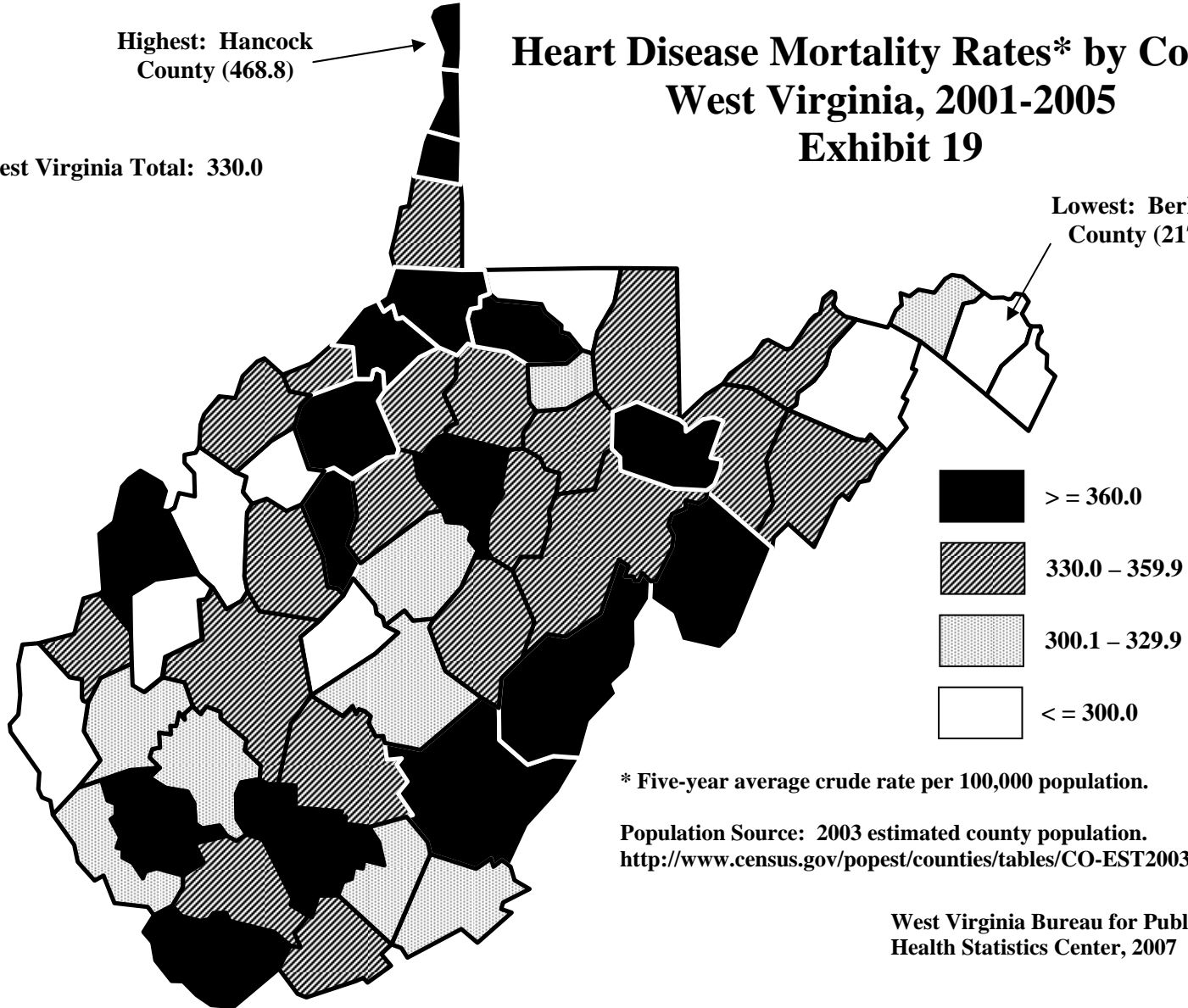
* All rates are deaths per 100,000 population except fetal deaths, deaths under 1 year, and deaths under 28 days, all of which are per 1,000 live births, and total deaths, which are per 1,000 population.
** Public Health Management Districts

Heart Disease Mortality Rates* by County West Virginia, 2001-2005 Exhibit 19

West Virginia Total: 330.0

Highest: Hancock
County (468.8)

Lowest: Berkeley
County (217.2)



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

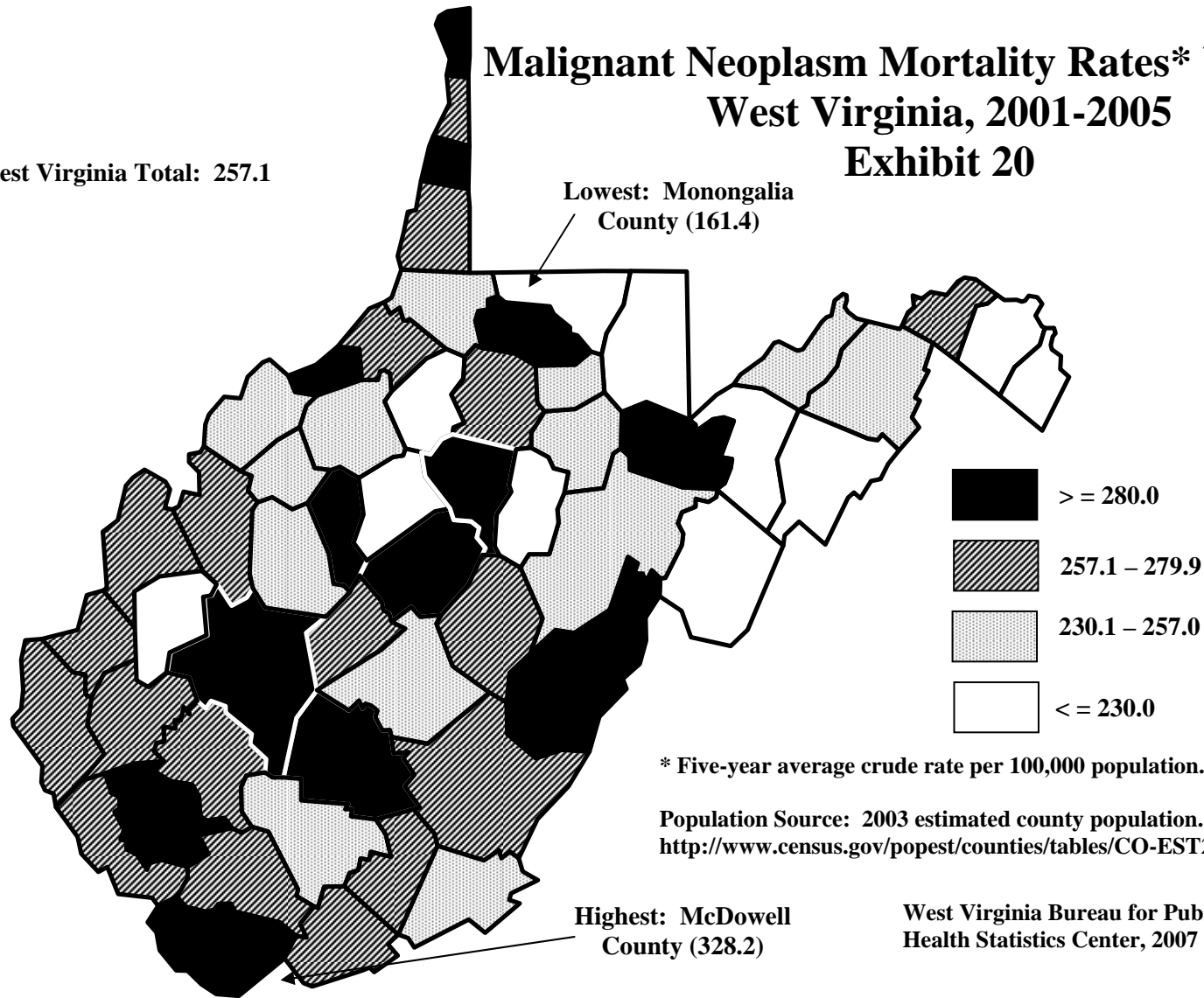
Population Source: 2003 estimated county population.
<http://www.census.gov/popest/counties/tables/CO-EST2003-01-54.csv>

West Virginia Bureau for Public Health
 Health Statistics Center, 2007

Malignant Neoplasm Mortality Rates* by County West Virginia, 2001-2005

Exhibit 20

West Virginia Total: 257.1



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

Population Source: 2003 estimated county population.
<http://www.census.gov/popest/counties/tables/CO-EST2003-01-54.csv>

West Virginia Bureau for Public Health
 Health Statistics Center, 2007

**Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2005
Table 46**

Selected Causes of Death	Number and Rate by County									
	Barbour		Berkeley		Boone		Braxton		Brooke	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	5.3	6	4.6	7	22.7	0	0.0	2	8.9
Total Deaths, All Causes	195	12.4	710	7.6	302	11.7	148	10.0	312	12.7
---Deaths under 1 Year	2	10.5	12	9.2	3	9.7	3	20.8	1	4.4
---Deaths under 28 Days	2	10.5	9	6.9	1	3.2	1	6.9	1	4.4
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	3	19.1	10	10.7	5	19.5	6	40.4	10	40.8
Human Immunodeficiency Virus Infection	1	6.4	2	2.1	0	0.0	0	0.0	1	4.1
Malignant Neoplasms	35	223.1	151	161.7	78	303.5	41	276.1	69	281.5
---of Digestive Organs	8	51.0	31	33.2	21	81.7	6	40.4	13	53.0
-----Colon	4	25.5	11	11.8	9	35.0	4	26.9	4	16.3
-----Pancreas	3	19.1	7	7.5	4	15.6	1	6.7	6	24.5
---of Respiratory and Intrathoracic Organs	9	57.4	51	54.6	31	120.6	16	107.7	31	126.5
-----Trachea, Bronchus, and Lung	9	57.4	50	53.5	29	112.8	16	107.7	30	122.4
---of Breast	3	19.1	10	10.7	3	11.7	4	26.9	2	8.2
---of Genitourinary Organs	4	25.5	23	24.6	8	31.1	4	26.9	11	44.9
-----Cervix Uteri	0	0.0	2	2.1	0	0.0	1	6.7	0	0.0
-----Ovary	2	12.7	2	2.1	1	3.9	0	0.0	4	16.3
-----Prostate	0	0.0	6	6.4	3	11.7	1	6.7	2	8.2
-----Bladder	0	0.0	6	6.4	3	11.7	1	6.7	3	12.2
---All Other (Malignant Neoplasms)	11	70.1	36	38.5	15	58.4	11	74.1	12	48.9
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	0	0.0	3	3.2	1	3.9	0	0.0	3	12.2
Diabetes Mellitus	12	76.5	20	21.4	7	27.2	6	40.4	3	12.2
Alzheimer's Disease	4	25.5	18	19.3	10	38.9	2	13.5	8	32.6
Major Cardiovascular Disease	71	452.5	226	242.0	96	373.5	50	336.7	101	412.0
---Diseases of the Heart	54	344.2	180	192.7	71	276.2	38	255.9	76	310.0
-----Ischemic Heart Disease	42	267.7	108	115.6	60	233.4	20	134.7	44	179.5
---Essential Hypertension and Hypertensive Renal Disease	1	6.4	9	9.6	2	7.8	4	26.9	0	0.0
---Cerebrovascular Diseases	14	89.2	30	32.1	19	73.9	7	47.1	20	81.6
---Atherosclerosis	0	0.0	1	1.1	2	7.8	0	0.0	0	0.0
---Other Diseases of Arteries, Arterioles, and Capillaries	2	12.7	6	6.4	2	7.8	1	6.7	5	20.4
Influenza and Pneumonia	3	19.1	18	19.3	5	19.5	2	13.5	16	65.3
---Influenza	0	0.0	2	2.1	0	0.0	0	0.0	0	0.0
---Pneumonia	3	19.1	16	17.1	5	19.5	2	13.5	16	65.3
Chronic Lower Respiratory Diseases	15	95.6	54	57.8	16	62.2	14	94.3	25	102.0
Lung Diseases due to External Agents	1	6.4	2	2.1	3	11.7	1	6.7	2	8.2
---Coalworker's Pneumoconiosis	0	0.0	0	0.0	1	3.9	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	1	6.4	11	11.8	3	11.7	2	13.5	3	12.2
Nephritis, Nephrotic Syndrome, and Nephrosis	6	38.2	14	15.0	8	31.1	0	0.0	7	28.6
Congenital Anomalies	1	6.4	4	4.3	0	0.0	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	2	12.7	15	16.1	7	27.2	4	26.9	12	48.9
Accidents	14	89.2	42	45.0	23	89.5	6	40.4	7	28.6
---Motor Vehicle Injuries	5	31.9	9	9.6	8	31.1	3	20.2	1	4.1
---Falls	2	12.7	6	6.4	3	11.7	0	0.0	0	0.0
---Smoke, Fires, and Flames	1	6.4	0	0.0	1	3.9	2	13.5	0	0.0
---Drownings	0	0.0	2	2.1	1	3.9	0	0.0	0	0.0
---Poisonings	6	38.2	17	18.2	10	38.9	1	6.7	4	16.3
---Other Accidents	0	0.0	8	8.6	0	0.0	0	0.0	2	8.2
Intentional Self-Harm	0	0.0	15	16.1	2	7.8	3	20.2	1	4.1
Assault	2	12.7	6	6.4	0	0.0	0	0.0	0	0.0
All Other Causes (Residual)	24	153.0	99	106.0	38	147.8	11	74.1	44	179.5

*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, 2005
Table 46 (continued)**

Selected Causes of Death	Number and Rate by County									
	Cabell		Calhoun		Clay		Doddridge		Fayette	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	8	7.0	1	11.2	0	0.0	1	13.3	1	1.7
Total Deaths, All Causes	1,225	13.0	98	13.3	123	11.9	84	11.2	586	12.5
---Deaths under 1 Year	11	9.6	0	0.0	0	0.0	0	0.0	4	6.8
---Deaths under 28 Days	5	4.4	0	0.0	0	0.0	0	0.0	2	3.4
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	17	18.1	1	13.5	2	19.3	3	40.1	8	17.1
Human Immunodeficiency Virus Infection	5	5.3	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	250	265.9	25	338.4	30	289.7	14	187.3	153	326.8
---of Digestive Organs	56	59.6	8	108.3	6	57.9	2	26.8	26	55.5
-----Colon	22	23.4	5	67.7	1	9.7	0	0.0	14	29.9
-----Pancreas	13	13.8	0	0.0	1	9.7	1	13.4	1	2.1
---of Respiratory and Intrathoracic Organs	97	103.2	5	67.7	13	125.5	5	66.9	55	117.5
-----Trachea, Bronchus, and Lung	91	96.8	5	67.7	12	115.9	5	66.9	51	108.9
---of Breast	16	17.0	1	13.5	3	29.0	1	13.4	11	23.5
---of Genitourinary Organs	30	31.9	4	54.1	1	9.7	0	0.0	23	49.1
-----Cervix Uteri	1	1.1	0	0.0	0	0.0	0	0.0	3	6.4
-----Ovary	7	7.4	0	0.0	0	0.0	0	0.0	5	10.7
-----Prostate	6	6.4	1	13.5	0	0.0	0	0.0	8	17.1
-----Bladder	7	7.4	1	13.5	0	0.0	0	0.0	3	6.4
---All Other (Malignant Neoplasms)	51	54.2	7	94.8	7	67.6	6	80.3	38	81.2
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	6	6.4	4	54.1	0	0.0	1	13.4	3	6.4
Diabetes Mellitus	50	53.2	4	54.1	4	38.6	3	40.1	16	34.2
Alzheimer's Disease	42	44.7	5	67.7	5	48.3	0	0.0	5	10.7
Major Cardiovascular Disease	398	423.3	34	460.3	37	357.3	36	481.5	196	418.6
---Diseases of the Heart	308	327.6	27	365.5	27	260.7	26	347.8	144	307.5
-----Ischemic Heart Disease	205	218.0	21	284.3	14	135.2	20	267.5	95	202.9
---Essential Hypertension and Hypertensive Renal Disease	14	14.9	1	13.5	0	0.0	2	26.8	8	17.1
---Cerebrovascular Diseases	62	65.9	5	67.7	8	77.2	5	66.9	37	79.0
---Atherosclerosis	4	4.3	1	13.5	1	9.7	2	26.8	0	0.0
---Other Diseases of Arteries, Arterioles, and Capillaries	10	10.6	0	0.0	1	9.7	1	13.4	7	14.9
Influenza and Pneumonia	26	27.7	2	27.1	5	48.3	0	0.0	18	38.4
---Influenza	4	4.3	0	0.0	1	9.7	0	0.0	1	2.1
---Pneumonia	22	23.4	2	27.1	4	38.6	0	0.0	17	36.3
Chronic Lower Respiratory Diseases	92	97.8	5	67.7	10	96.6	5	66.9	35	74.7
Lung Diseases due to External Agents	11	11.7	0	0.0	2	19.3	2	26.8	14	29.9
---Coalworker's Pneumoconiosis	0	0.0	0	0.0	2	19.3	0	0.0	7	14.9
Chronic Liver Disease and Cirrhosis	11	11.7	2	27.1	3	29.0	2	26.8	5	10.7
Nephritis, Nephrotic Syndrome, and Nephrosis	25	26.6	0	0.0	0	0.0	1	13.4	13	27.8
Congenital Anomalies	3	3.2	0	0.0	0	0.0	0	0.0	1	2.1
Ill-Defined and Unknown Causes of Death	20	21.3	1	13.5	0	0.0	1	13.4	5	10.7
Accidents	58	61.7	5	67.7	4	38.6	3	40.1	32	68.3
---Motor Vehicle Injuries	11	11.7	3	40.6	3	29.0	1	13.4	15	32.0
---Falls	17	18.1	0	0.0	0	0.0	0	0.0	4	8.5
---Smoke, Fires, and Flames	3	3.2	0	0.0	0	0.0	0	0.0	0	0.0
---Drownings	0	0.0	0	0.0	0	0.0	1	13.4	0	0.0
---Poisonings	22	23.4	1	13.5	0	0.0	0	0.0	11	23.5
---Other Accidents	5	5.3	1	13.5	1	9.7	1	13.4	2	4.3
Intentional Self-Harm	15	16.0	3	40.6	2	19.3	2	26.8	7	14.9
Assault	10	10.6	0	0.0	1	9.7	2	26.8	2	4.3
All Other Causes (Residual)	186	197.8	7	94.8	18	173.8	9	120.4	73	155.9

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**Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2005
Table 46 (continued)**

Selected Causes of Death	Number and Rate by County									
	Gilmer		Grant		Greenbrier		Hampshire		Hancock	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	0	0.0	3	7.9	1	4.2	3	9.2
Total Deaths, All Causes	82	11.8	125	10.7	472	13.5	206	9.4	441	14.1
---Deaths under 1 Year	1	12.7	0	0.0	3	7.9	5	21.1	0	0.0
---Deaths under 28 Days	0	0.0	0	0.0	2	5.2	3	12.7	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	1	14.4	2	17.1	5	14.3	2	9.1	8	25.5
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	1	2.9	1	4.5	0	0.0
Malignant Neoplasms	16	230.2	25	214.2	103	294.1	55	249.7	99	315.8
---of Digestive Organs	3	43.2	4	34.3	25	71.4	12	54.5	14	44.7
-----Colon	0	0.0	1	8.6	8	22.8	6	27.2	6	19.1
-----Pancreas	1	14.4	0	0.0	4	11.4	2	9.1	2	6.4
---of Respiratory and Intrathoracic Organs	3	43.2	8	68.5	29	82.8	16	72.6	30	95.7
-----Trachea, Bronchus, and Lung	3	43.2	6	51.4	29	82.8	15	68.1	29	92.5
---of Breast	1	14.4	1	8.6	8	22.8	4	18.2	9	28.7
---of Genitourinary Organs	2	28.8	6	51.4	15	42.8	7	31.8	15	47.8
-----Cervix Uteri	1	14.4	0	0.0	0	0.0	0	0.0	2	6.4
-----Ovary	0	0.0	0	0.0	3	8.6	1	4.5	5	15.9
-----Prostate	1	14.4	2	17.1	7	20.0	3	13.6	3	9.6
-----Bladder	0	0.0	2	17.1	2	5.7	1	4.5	0	0.0
---All Other (Malignant Neoplasms)	7	100.7	6	51.4	26	74.2	16	72.6	31	98.9
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	0	0.0	0	0.0	4	11.4	3	13.6	2	6.4
Diabetes Mellitus	2	28.8	2	17.1	9	25.7	6	27.2	11	35.1
Alzheimer's Disease	1	14.4	2	17.1	4	11.4	2	9.1	7	22.3
Major Cardiovascular Disease	35	503.6	54	462.6	165	471.1	67	304.2	168	535.9
---Diseases of the Heart	31	446.0	39	334.1	123	351.2	55	249.7	138	440.2
-----Ischemic Heart Disease	22	316.5	29	248.4	73	208.4	36	163.5	98	312.6
---Essential Hypertension and Hypertensive Renal Disease	0	0.0	2	17.1	4	11.4	0	0.0	0	0.0
---Cerebrovascular Diseases	4	57.6	8	68.5	30	85.6	10	45.4	21	67.0
---Atherosclerosis	0	0.0	5	42.8	1	2.9	0	0.0	2	6.4
---Other Diseases of Arteries, Arterioles, and Capillaries	0	0.0	0	0.0	7	20.0	2	9.1	7	22.3
Influenza and Pneumonia	2	28.8	3	25.7	12	34.3	4	18.2	13	41.5
---Influenza	0	0.0	0	0.0	1	2.9	0	0.0	0	0.0
---Pneumonia	2	28.8	3	25.7	11	31.4	4	18.2	13	41.5
Chronic Lower Respiratory Diseases	2	28.8	6	51.4	34	97.1	14	63.6	26	82.9
Lung Diseases due to External Agents	1	14.4	1	8.6	3	8.6	1	4.5	1	3.2
---Coalworker's Pneumoconiosis	0	0.0	0	0.0	1	2.9	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	1	14.4	0	0.0	6	17.1	4	18.2	2	6.4
Nephritis, Nephrotic Syndrome, and Nephrosis	4	57.6	1	8.6	18	51.4	3	13.6	5	15.9
Congenital Anomalies	0	0.0	0	0.0	2	5.7	2	9.1	0	0.0
Ill-Defined and Unknown Causes of Death	3	43.2	3	25.7	9	25.7	2	9.1	14	44.7
Accidents	1	14.4	7	60.0	24	68.5	12	54.5	23	73.4
---Motor Vehicle Injuries	0	0.0	4	34.3	8	22.8	8	36.3	3	9.6
---Falls	1	14.4	1	8.6	5	14.3	1	4.5	6	19.1
---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	0	0.0	0	0.0	7	20.0	2	9.1	8	25.5
---Other Accidents	0	0.0	2	17.1	4	11.4	1	4.5	6	19.1
Intentional Self-Harm	4	57.6	3	25.7	0	0.0	4	18.2	7	22.3
Assault	0	0.0	0	0.0	2	5.7	2	9.1	1	3.2
All Other Causes (Residual)	9	129.5	16	137.1	71	202.7	22	99.9	54	172.2

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**Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2005
Table 46 (continued)**

Selected Causes of Death	Number and Rate by County									
	Hardy		Harrison		Jackson		Jefferson		Kanawha	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	8	9.7	2	6.0	2	3.1	17	7.5
Total Deaths, All Causes	128	9.6	834	12.2	330	11.6	379	7.7	2,489	12.9
---Deaths under 1 Year	0	0.0	9	10.9	3	9.0	3	4.6	18	7.9
---Deaths under 28 Days	0	0.0	8	9.7	1	3.0	3	4.6	6	2.6
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	1	0.5
Septicemia	3	22.6	16	23.4	8	28.2	5	10.2	41	21.2
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	2	4.1	3	1.5
Malignant Neoplasms	30	225.8	173	253.0	85	299.3	84	170.7	574	296.6
---of Digestive Organs	4	30.1	46	67.3	15	52.8	19	38.6	116	59.9
-----Colon	3	22.6	20	29.3	6	21.1	11	22.4	36	18.6
-----Pancreas	0	0.0	7	10.2	3	10.6	2	4.1	26	13.4
---of Respiratory and Intrathoracic Organs	8	60.2	52	76.1	31	109.1	28	56.9	206	106.4
-----Trachea, Bronchus, and Lung	8	60.2	51	74.6	28	98.6	28	56.9	195	100.7
---of Breast	2	15.1	12	17.6	1	3.5	5	10.2	39	20.1
---of Genitourinary Organs	5	37.6	28	41.0	14	49.3	16	32.5	74	38.2
-----Cervix Uteri	0	0.0	0	0.0	0	0.0	2	4.1	2	1.0
-----Ovary	0	0.0	4	5.9	3	10.6	2	4.1	10	5.2
-----Prostate	4	30.1	12	17.6	8	28.2	1	2.0	23	11.9
-----Bladder	1	7.5	3	4.4	2	7.0	3	6.1	12	6.2
---All Other (Malignant Neoplasms)	11	82.8	35	51.2	24	84.5	16	32.5	139	71.8
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	0	0.0	8	11.7	1	3.5	1	2.0	13	6.7
Diabetes Mellitus	6	45.2	40	58.5	3	10.6	15	30.5	92	47.5
Alzheimer's Disease	2	15.1	42	61.4	11	38.7	13	26.4	70	36.2
Major Cardiovascular Disease	57	429.0	256	374.4	124	436.6	126	256.1	822	424.7
---Diseases of the Heart	44	331.2	191	279.4	84	295.7	97	197.1	586	302.8
-----Ischemic Heart Disease	24	180.6	147	215.0	61	214.8	49	99.6	402	207.7
---Essential Hypertension and Hypertensive Renal Disease	5	37.6	11	16.1	4	14.1	2	4.1	42	21.7
---Cerebrovascular Diseases	6	45.2	40	58.5	22	77.5	23	46.7	161	83.2
---Atherosclerosis	2	15.1	8	11.7	7	24.6	1	2.0	6	3.1
---Other Diseases of Arteries, Arterioles, and Capillaries	0	0.0	6	8.8	7	24.6	3	6.1	27	13.9
Influenza and Pneumonia	4	30.1	9	13.2	4	14.1	3	6.1	47	24.3
---Influenza	0	0.0	0	0.0	0	0.0	0	0.0	4	2.1
---Pneumonia	4	30.1	9	13.2	4	14.1	3	6.1	43	22.2
Chronic Lower Respiratory Diseases	4	30.1	62	90.7	18	63.4	20	40.6	155	80.1
Lung Diseases due to External Agents	1	7.5	10	14.6	1	3.5	2	4.1	27	13.9
---Coalworker's Pneumoconiosis	0	0.0	2	2.9	0	0.0	0	0.0	4	2.1
Chronic Liver Disease and Cirrhosis	0	0.0	11	16.1	1	3.5	6	12.2	24	12.4
Nephritis, Nephrotic Syndrome, and Nephrosis	3	22.6	22	32.2	9	31.7	10	20.3	63	32.5
Congenital Anomalies	1	7.5	1	1.5	3	10.6	1	2.0	11	5.7
Ill-Defined and Unknown Causes of Death	0	0.0	8	11.7	2	7.0	5	10.2	33	17.0
Accidents	4	30.1	39	57.0	18	63.4	25	50.8	120	62.0
---Motor Vehicle Injuries	4	30.1	15	21.9	8	28.2	9	18.3	39	20.1
---Falls	0	0.0	6	8.8	2	7.0	5	10.2	19	9.8
---Smoke, Fires, and Flames	0	0.0	0	0.0	0	0.0	0	0.0	4	2.1
---Drownings	0	0.0	0	0.0	0	0.0	0	0.0	1	0.5
---Poisonings	0	0.0	11	16.1	4	14.1	6	12.2	38	19.6
---Other Accidents	0	0.0	7	10.2	4	14.1	5	10.2	19	9.8
Intentional Self-Harm	5	37.6	11	16.1	6	21.1	2	4.1	26	13.4
Assault	0	0.0	4	5.9	2	7.0	2	4.1	14	7.2
All Other Causes (Residual)	8	60.2	122	178.4	34	119.7	57	115.8	353	182.4

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2005
Table 46 (continued)

Selected Causes of Death	Number and Rate by County									
	Lewis		Lincoln		Logan		McDowell		Marion	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	0	0.0	2	4.7	1	3.6	4	6.5
Total Deaths, All Causes	234	13.6	242	10.8	526	14.5	348	14.3	657	11.6
---Deaths under 1 Year	2	9.2	4	13.8	3	7.0	4	14.5	3	4.9
---Deaths under 28 Days	1	4.6	3	10.3	2	4.7	2	7.3	2	3.3
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	4	23.3	5	22.3	11	30.4	8	33.0	19	33.6
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	58	337.2	61	272.6	139	383.6	77	317.2	157	277.8
---of Digestive Organs	12	69.8	11	49.2	21	58.0	11	45.3	33	58.4
-----Colon	2	11.6	5	22.3	5	13.8	5	20.6	13	23.0
-----Pancreas	3	17.4	3	13.4	9	24.8	3	12.4	7	12.4
---of Respiratory and Intrathoracic Organs	22	127.9	36	160.9	65	179.4	27	111.2	51	90.3
-----Trachea, Bronchus, and Lung	19	110.5	35	156.4	63	173.9	24	98.9	51	90.3
---of Breast	3	17.4	2	8.9	10	27.6	6	24.7	13	23.0
---of Genitourinary Organs	7	40.7	3	13.4	16	44.2	14	57.7	26	46.0
-----Cervix Uteri	0	0.0	1	4.5	1	2.8	2	8.2	0	0.0
-----Ovary	1	5.8	1	4.5	2	5.5	2	8.2	3	5.3
-----Prostate	3	17.4	1	4.5	5	13.8	3	12.4	12	21.2
-----Bladder	1	5.8	0	0.0	3	8.3	4	16.5	3	5.3
---All Other (Malignant Neoplasms)	14	81.4	9	40.2	27	74.5	19	78.3	34	60.2
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	1	5.8	3	13.4	1	2.8	2	8.2	2	3.5
Diabetes Mellitus	11	64.0	6	26.8	23	63.5	20	82.4	21	37.2
Alzheimer's Disease	2	11.6	4	17.9	24	66.2	5	20.6	12	21.2
Major Cardiovascular Disease	93	540.7	89	397.8	157	433.3	109	449.1	211	373.4
---Diseases of the Heart	71	412.8	65	290.5	125	345.0	99	407.9	159	281.4
-----Ischemic Heart Disease	41	238.4	49	219.0	105	289.8	75	309.0	122	215.9
---Essential Hypertension and Hypertensive Renal Disease	3	17.4	2	8.9	3	8.3	2	8.2	10	17.7
---Cerebrovascular Diseases	16	93.0	20	89.4	27	74.5	8	33.0	36	63.7
---Atherosclerosis	1	5.8	0	0.0	0	0.0	0	0.0	1	1.8
---Other Diseases of Arteries, Arterioles, and Capillaries	2	11.6	2	8.9	2	5.5	0	0.0	5	8.8
Influenza and Pneumonia	3	17.4	5	22.3	6	16.6	4	16.5	8	14.2
---Influenza	1	5.8	0	0.0	1	2.8	0	0.0	0	0.0
---Pneumonia	2	11.6	5	22.3	5	13.8	4	16.5	8	14.2
Chronic Lower Respiratory Diseases	16	93.0	12	53.6	27	74.5	20	82.4	43	76.1
Lung Diseases due to External Agents	2	11.6	2	8.9	11	30.4	11	45.3	8	14.2
---Coalworker's Pneumoconiosis	0	0.0	1	4.5	7	19.3	9	37.1	0	0.0
Chronic Liver Disease and Cirrhosis	1	5.8	2	8.9	3	8.3	3	12.4	3	5.3
Nephritis, Nephrotic Syndrome, and Nephrosis	7	40.7	6	26.8	7	19.3	8	33.0	25	44.2
Congenital Anomalies	0	0.0	2	8.9	0	0.0	3	12.4	2	3.5
Ill-Defined and Unknown Causes of Death	2	11.6	1	4.5	4	11.0	3	12.4	2	3.5
Accidents	12	69.8	17	76.0	42	115.9	31	127.7	29	51.3
---Motor Vehicle Injuries	6	34.9	4	17.9	15	41.4	8	33.0	11	19.5
---Falls	0	0.0	1	4.5	3	8.3	0	0.0	7	12.4
---Smoke, Fires, and Flames	1	5.8	3	13.4	0	0.0	0	0.0	1	1.8
---Drownings	0	0.0	0	0.0	1	2.8	1	4.1	0	0.0
---Poisonings	0	0.0	6	26.8	19	52.4	15	61.8	6	10.6
---Other Accidents	5	29.1	3	13.4	4	11.0	7	28.8	4	7.1
Intentional Self-Harm	1	5.8	10	44.7	3	8.3	6	24.7	9	15.9
Assault	0	0.0	0	0.0	5	13.8	2	8.2	1	1.8
All Other Causes (Residual)	21	122.1	17	76.0	63	173.9	36	148.3	105	185.8

*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.
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**Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2005
Table 46 (continued)**

Selected Causes of Death	Number and Rate by County									
	Marshall		Mason		Mercer		Mineral		Mingo	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	3.3	1	3.2	3	4.3	1	3.6	3	8.1
Total Deaths, All Causes	394	11.5	311	12.1	795	12.9	313	11.6	335	12.3
---Deaths under 1 Year	0	0.0	2	6.5	2	2.8	7	25.5	5	13.5
---Deaths under 28 Days	0	0.0	2	6.5	2	2.8	6	21.8	1	2.7
Tuberculosis	0	0.0	0	0.0	2	3.2	0	0.0	0	0.0
Septicemia	2	5.8	4	15.5	11	17.9	7	25.9	3	11.0
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	92	267.9	67	260.1	153	248.4	50	185.0	74	272.0
---of Digestive Organs	19	55.3	8	31.1	31	50.3	10	37.0	13	47.8
-----Colon	7	20.4	1	3.9	11	17.9	3	11.1	5	18.4
-----Pancreas	2	5.8	1	3.9	8	13.0	0	0.0	2	7.4
---of Respiratory and Intrathoracic Organs	29	84.5	22	85.4	53	86.1	21	77.7	22	80.9
-----Trachea, Bronchus, and Lung	28	81.5	21	81.5	51	82.8	20	74.0	21	77.2
---of Breast	6	17.5	4	15.5	16	26.0	4	14.8	12	44.1
---of Genitourinary Organs	10	29.1	7	27.2	22	35.7	4	14.8	10	36.8
-----Cervix Uteri	0	0.0	1	3.9	1	1.6	0	0.0	0	0.0
-----Ovary	1	2.9	3	11.6	2	3.2	0	0.0	1	3.7
-----Prostate	3	8.7	0	0.0	7	11.4	0	0.0	5	18.4
-----Bladder	3	8.7	2	7.8	5	8.1	0	0.0	3	11.0
---All Other (Malignant Neoplasms)	28	81.5	26	100.9	31	50.3	11	40.7	17	62.5
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	3	8.7	3	11.6	8	13.0	1	3.7	1	3.7
Diabetes Mellitus	13	37.9	9	34.9	27	43.8	16	59.2	21	77.2
Alzheimer's Disease	6	17.5	13	50.5	11	17.9	10	37.0	9	33.1
Major Cardiovascular Disease	144	419.4	123	477.5	286	464.4	127	469.9	99	363.8
---Diseases of the Heart	114	332.0	103	399.8	221	358.8	95	351.5	76	279.3
-----Ischemic Heart Disease	90	262.1	72	279.5	134	217.6	66	244.2	55	202.1
---Essential Hypertension and Hypertensive Renal Disease	4	11.6	0	0.0	7	11.4	5	18.5	1	3.7
---Cerebrovascular Diseases	20	58.2	14	54.3	46	74.7	22	81.4	19	69.8
---Atherosclerosis	1	2.9	0	0.0	4	6.5	3	11.1	1	3.7
---Other Diseases of Arteries, Arterioles, and Capillaries	5	14.6	6	23.3	8	13.0	2	7.4	2	7.4
Influenza and Pneumonia	14	40.8	7	27.2	18	29.2	2	7.4	11	40.4
---Influenza	0	0.0	1	3.9	0	0.0	0	0.0	0	0.0
---Pneumonia	14	40.8	6	23.3	18	29.2	2	7.4	11	40.4
Chronic Lower Respiratory Diseases	24	69.9	20	77.6	54	87.7	25	92.5	21	77.2
Lung Diseases due to External Agents	0	0.0	3	11.6	13	21.1	6	22.2	7	25.7
---Coalworker's Pneumoconiosis	0	0.0	1	3.9	5	8.1	0	0.0	6	22.1
Chronic Liver Disease and Cirrhosis	5	14.6	3	11.6	12	19.5	4	14.8	6	22.1
Nephritis, Nephrotic Syndrome, and Nephrosis	8	23.3	4	15.5	19	30.8	1	3.7	5	18.4
Congenital Anomalies	0	0.0	0	0.0	4	6.5	1	3.7	1	3.7
Ill-Defined and Unknown Causes of Death	5	14.6	8	31.1	8	13.0	0	0.0	2	7.4
Accidents	20	58.2	16	62.1	43	69.8	8	29.6	24	88.2
---Motor Vehicle Injuries	5	14.6	10	38.8	15	24.4	5	18.5	12	44.1
---Falls	2	5.8	2	7.8	3	4.9	1	3.7	1	3.7
---Smoke, Fires, and Flames	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
---Drownings	1	2.9	0	0.0	1	1.6	0	0.0	0	0.0
---Poisonings	6	17.5	3	11.6	18	29.2	1	3.7	8	29.4
---Other Accidents	6	17.5	1	3.9	6	9.7	1	3.7	3	11.0
Intentional Self-Harm	11	32.0	4	15.5	17	27.6	7	25.9	2	7.4
Assault	1	2.9	3	11.6	3	4.9	3	11.1	2	7.4
All Other Causes (Residual)	46	134.0	24	93.2	106	172.1	45	166.5	47	172.7

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West Virginia Bureau for Public Health
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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2005
Table 46 (continued)

Selected Causes of Death	Number and Rate by County									
	Monongalia		Monroe		Morgan		Nicholas		Ohio	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	2	2.3	0	0.0	0	0.0	0	0.0	0	0.0
Total Deaths, All Causes	632	7.5	161	11.9	183	11.4	318	12.0	552	12.2
---Deaths under 1 Year	7	7.9	0	0.0	1	6.3	3	9.2	5	9.7
---Deaths under 28 Days	6	6.8	0	0.0	0	0.0	2	6.1	4	7.7
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	1	2.2
Septicemia	11	13.0	4	29.6	8	49.9	4	15.1	3	6.7
Human Immunodeficiency Virus Infection	1	1.2	0	0.0	0	0.0	1	3.8	0	0.0
Malignant Neoplasms	123	145.8	33	244.3	41	255.9	68	257.0	131	290.4
---of Digestive Organs	22	26.1	4	29.6	8	49.9	10	37.8	28	62.1
-----Colon	10	11.9	1	7.4	4	25.0	3	11.3	8	17.7
-----Pancreas	3	3.6	0	0.0	1	6.2	2	7.6	11	24.4
---of Respiratory and Intrathoracic Organs	34	40.3	14	103.6	14	87.4	28	105.8	40	88.7
-----Trachea, Bronchus, and Lung	33	39.1	13	96.2	14	87.4	28	105.8	39	86.5
---of Breast	13	15.4	1	7.4	6	37.4	6	22.7	12	26.6
---of Genitourinary Organs	11	13.0	3	22.2	6	37.4	5	18.9	13	28.8
-----Cervix Uteri	1	1.2	0	0.0	0	0.0	0	0.0	0	0.0
-----Ovary	1	1.2	0	0.0	0	0.0	1	3.8	6	13.3
-----Prostate	4	4.7	3	22.2	5	31.2	1	3.8	4	8.9
-----Bladder	1	1.2	0	0.0	0	0.0	2	7.6	1	2.2
---All Other (Malignant Neoplasms)	43	51.0	11	81.4	7	43.7	19	71.8	38	84.2
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	2	2.4	0	0.0	0	0.0	3	11.3	1	2.2
Diabetes Mellitus	22	26.1	7	51.8	8	49.9	12	45.3	22	48.8
Alzheimer's Disease	21	24.9	5	37.0	5	31.2	3	11.3	18	39.9
Major Cardiovascular Disease	239	283.2	58	429.4	49	305.8	116	438.3	214	474.4
---Diseases of the Heart	195	231.1	42	310.9	35	218.4	89	336.3	165	365.8
-----Ischemic Heart Disease	134	158.8	24	177.7	21	131.1	55	207.8	122	270.4
---Essential Hypertension and Hypertensive Renal Disease	8	9.5	2	14.8	0	0.0	4	15.1	8	17.7
---Cerebrovascular Diseases	25	29.6	13	96.2	12	74.9	14	52.9	30	66.5
---Atherosclerosis	3	3.6	1	7.4	0	0.0	0	0.0	3	6.7
---Other Diseases of Arteries, Arterioles, and Capillaries	8	9.5	0	0.0	2	12.5	9	34.0	8	17.7
Influenza and Pneumonia	5	5.9	4	29.6	3	18.7	3	11.3	10	22.2
---Influenza	0	0.0	1	7.4	0	0.0	0	0.0	0	0.0
---Pneumonia	5	5.9	3	22.2	3	18.7	3	11.3	10	22.2
Chronic Lower Respiratory Diseases	38	45.0	7	51.8	14	87.4	25	94.5	33	73.2
Lung Diseases due to External Agents	6	7.1	0	0.0	3	18.7	6	22.7	4	8.9
---Coalworker's Pneumoconiosis	2	2.4	0	0.0	0	0.0	3	11.3	0	0.0
Chronic Liver Disease and Cirrhosis	7	8.3	1	7.4	3	18.7	1	3.8	8	17.7
Nephritis, Nephrotic Syndrome, and Nephrosis	19	22.5	6	44.4	6	37.4	10	37.8	7	15.5
Congenital Anomalies	3	3.6	0	0.0	1	6.2	2	7.6	1	2.2
Ill-Defined and Unknown Causes of Death	6	7.1	1	7.4	2	12.5	1	3.8	4	8.9
Accidents	31	36.7	10	74.0	17	106.1	13	49.1	15	33.3
---Motor Vehicle Injuries	7	8.3	2	14.8	7	43.7	7	26.5	2	4.4
---Falls	5	5.9	0	0.0	1	6.2	3	11.3	4	8.9
---Smoke, Fires, and Flames	0	0.0	0	0.0	0	0.0	1	3.8	0	0.0
---Drownings	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
---Poisonings	13	15.4	5	37.0	5	31.2	2	7.6	4	8.9
---Other Accidents	6	7.1	3	22.2	4	25.0	0	0.0	5	11.1
Intentional Self-Harm	5	5.9	1	7.4	3	18.7	7	26.5	5	11.1
Assault	2	2.4	0	0.0	0	0.0	1	3.8	1	2.2
All Other Causes (Residual)	91	107.8	24	177.7	20	124.8	42	158.7	74	164.0

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**Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2005
Table 46 (continued)**

Selected Causes of Death	Number and Rate by County									
	Pendleton		Pleasants		Pocahontas		Preston		Putnam	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	0	0.0	0	0.0	1	3.4	6	9.3
Total Deaths, All Causes	92	11.7	102	13.8	127	14.3	310	10.3	480	8.8
---Deaths under 1 Year	0	0.0	2	35.1	1	13.2	1	3.4	4	6.2
---Deaths under 28 Days	0	0.0	2	35.1	1	13.2	0	0.0	2	3.1
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	2	25.5	2	27.1	1	11.3	6	19.9	4	7.3
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	1	11.3	0	0.0	0	0.0
Malignant Neoplasms	15	191.2	22	298.3	34	384.1	64	212.5	105	192.9
---of Digestive Organs	2	25.5	5	67.8	4	45.2	12	39.8	25	45.9
-----Colon	1	12.7	2	27.1	0	0.0	4	13.3	15	27.6
-----Pancreas	0	0.0	1	13.6	3	33.9	4	13.3	2	3.7
---of Respiratory and Intrathoracic Organs	6	76.5	5	67.8	13	146.9	18	59.8	35	64.3
-----Trachea, Bronchus, and Lung	6	76.5	4	54.2	13	146.9	18	59.8	34	62.5
---of Breast	1	12.7	3	40.7	3	33.9	1	3.3	3	5.5
---of Genitourinary Organs	3	38.2	2	27.1	3	33.9	10	33.2	8	14.7
-----Cervix Uteri	0	0.0	0	0.0	0	0.0	0	0.0	1	1.8
-----Ovary	0	0.0	0	0.0	1	11.3	1	3.3	1	1.8
-----Prostate	0	0.0	0	0.0	1	11.3	4	13.3	5	9.2
-----Bladder	1	12.7	1	13.6	0	0.0	3	10.0	0	0.0
---All Other (Malignant Neoplasms)	3	38.2	7	94.9	11	124.3	23	76.4	34	62.5
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	0	0.0	0	0.0	0	0.0	0	0.0	4	7.3
Diabetes Mellitus	5	63.7	1	13.6	6	67.8	9	29.9	16	29.4
Alzheimer's Disease	2	25.5	4	54.2	1	11.3	11	36.5	12	22.0
Major Cardiovascular Disease	45	573.7	36	488.1	39	440.6	120	398.5	166	304.9
---Diseases of the Heart	35	446.2	27	366.1	33	372.8	93	308.8	127	233.3
-----Ischemic Heart Disease	27	344.2	21	284.7	21	237.3	68	225.8	99	181.8
---Essential Hypertension and Hypertensive Renal Disease	2	25.5	1	13.6	0	0.0	3	10.0	9	16.5
---Cerebrovascular Diseases	4	51.0	4	54.2	6	67.8	20	66.4	28	51.4
---Atherosclerosis	2	25.5	3	40.7	0	0.0	2	6.6	0	0.0
---Other Diseases of Arteries, Arterioles, and Capillaries	2	25.5	1	13.6	0	0.0	2	6.6	2	3.7
Influenza and Pneumonia	4	51.0	3	40.7	4	45.2	13	43.2	6	11.0
---Influenza	0	0.0	0	0.0	0	0.0	1	3.3	0	0.0
---Pneumonia	4	51.0	3	40.7	4	45.2	12	39.8	6	11.0
Chronic Lower Respiratory Diseases	1	12.7	5	67.8	9	101.7	13	43.2	40	73.5
Lung Diseases due to External Agents	0	0.0	1	13.6	2	22.6	5	16.6	7	12.9
---Coalworker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	1	12.7	0	0.0	0	0.0	2	6.6	4	7.3
Nephritis, Nephrotic Syndrome, and Nephrosis	5	63.7	4	54.2	5	56.5	5	16.6	11	20.2
Congenital Anomalies	1	12.7	1	13.6	0	0.0	1	3.3	1	1.8
Ill-Defined and Unknown Causes of Death	0	0.0	4	54.2	2	22.6	6	19.9	4	7.3
Accidents	2	25.5	6	81.3	6	67.8	17	56.5	27	49.6
---Motor Vehicle Injuries	1	12.7	3	40.7	1	11.3	12	39.8	12	22.0
---Falls	1	12.7	1	13.6	1	11.3	3	10.0	5	9.2
---Smoke, Fires, and Flames	0	0.0	0	0.0	1	11.3	0	0.0	0	0.0
---Drownings	0	0.0	0	0.0	0	0.0	0	0.0	1	1.8
---Poisonings	0	0.0	0	0.0	2	22.6	0	0.0	6	11.0
---Other Accidents	0	0.0	2	27.1	1	11.3	2	6.6	3	5.5
Intentional Self-Harm	0	0.0	0	0.0	5	56.5	6	19.9	1	1.8
Assault	0	0.0	0	0.0	1	11.3	0	0.0	1	1.8
All Other Causes (Residual)	9	114.7	13	176.2	11	124.3	32	106.3	71	130.4

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2005
Table 46 (continued)

Selected Causes of Death	Number and Rate by County									
	Raleigh		Randolph		Ritchie		Roane		Summers	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	5	5.4	1	2.8	0	0.0	0	0.0	1	9.3
Total Deaths, All Causes	891	11.3	328	11.5	109	10.3	165	10.7	150	10.9
---Deaths under 1 Year	7	7.6	4	11.3	0	0.0	0	0.0	1	9.3
---Deaths under 28 Days	4	4.4	3	8.5	0	0.0	0	0.0	1	9.3
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	12	15.2	4	14.0	0	0.0	0	0.0	4	29.1
Human Immunodeficiency Virus Infection	1	1.3	0	0.0	0	0.0	1	6.5	1	7.3
Malignant Neoplasms	208	262.7	57	199.5	29	275.1	37	240.2	38	276.6
---of Digestive Organs	44	55.6	12	42.0	2	19.0	7	45.4	6	43.7
-----Colon	16	20.2	5	17.5	1	9.5	3	19.5	0	0.0
-----Pancreas	8	10.1	2	7.0	0	0.0	1	6.5	0	0.0
---of Respiratory and Intrathoracic Organs	74	93.5	15	52.5	14	132.8	14	90.9	9	65.5
-----Trachea, Bronchus, and Lung	73	92.2	14	49.0	14	132.8	12	77.9	9	65.5
---of Breast	14	17.7	4	14.0	2	19.0	4	26.0	3	21.8
---of Genitourinary Organs	30	37.9	11	38.5	5	47.4	1	6.5	3	21.8
-----Cervix Uteri	2	2.5	1	3.5	1	9.5	0	0.0	0	0.0
-----Ovary	4	5.1	2	7.0	2	19.0	0	0.0	0	0.0
-----Prostate	9	11.4	2	7.0	1	9.5	0	0.0	1	7.3
-----Bladder	5	6.3	0	0.0	1	9.5	0	0.0	0	0.0
---All Other (Malignant Neoplasms)	46	58.1	15	52.5	6	56.9	11	71.4	17	123.7
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	8	10.1	1	3.5	0	0.0	0	0.0	1	7.3
Diabetes Mellitus	48	60.6	15	52.5	1	9.5	9	58.4	3	21.8
Alzheimer's Disease	24	30.3	16	56.0	3	28.5	10	64.9	2	14.6
Major Cardiovascular Disease	307	387.8	112	392.0	45	426.9	53	344.0	43	313.0
---Diseases of the Heart	241	304.4	85	297.5	36	341.6	46	298.6	37	269.3
-----Ischemic Heart Disease	159	200.8	55	192.5	25	237.2	29	188.2	24	174.7
---Essential Hypertension and Hypertensive Renal Disease	16	20.2	3	10.5	1	9.5	1	6.5	0	0.0
---Cerebrovascular Diseases	44	55.6	18	63.0	8	75.9	6	38.9	5	36.4
---Atherosclerosis	2	2.5	2	7.0	0	0.0	0	0.0	0	0.0
---Other Diseases of Arteries, Arterioles, and Capillaries	4	5.1	4	14.0	0	0.0	0	0.0	1	7.3
Influenza and Pneumonia	9	11.4	8	28.0	4	38.0	5	32.5	1	7.3
---Influenza	0	0.0	0	0.0	0	0.0	1	6.5	0	0.0
---Pneumonia	9	11.4	8	28.0	4	38.0	4	26.0	1	7.3
Chronic Lower Respiratory Diseases	55	69.5	28	98.0	6	56.9	8	51.9	11	80.1
Lung Diseases due to External Agents	18	22.7	3	10.5	0	0.0	0	0.0	5	36.4
---Coalworker's Pneumoconiosis	12	15.2	0	0.0	0	0.0	0	0.0	2	14.6
Chronic Liver Disease and Cirrhosis	16	20.2	5	17.5	0	0.0	2	13.0	3	21.8
Nephritis, Nephrotic Syndrome, and Nephrosis	20	25.3	11	38.5	1	9.5	7	45.4	3	21.8
Congenital Anomalies	2	2.5	0	0.0	1	9.5	0	0.0	1	7.3
Ill-Defined and Unknown Causes of Death	5	6.3	2	7.0	4	38.0	4	26.0	1	7.3
Accidents	52	65.7	18	63.0	1	9.5	11	71.4	11	80.1
---Motor Vehicle Injuries	14	17.7	8	28.0	1	9.5	3	19.5	2	14.6
---Falls	10	12.6	3	10.5	0	0.0	0	0.0	1	7.3
---Smoke, Fires, and Flames	2	2.5	1	3.5	0	0.0	0	0.0	0	0.0
---Drownings	1	1.3	0	0.0	0	0.0	1	6.5	1	7.3
---Poisonings	20	25.3	3	10.5	0	0.0	4	26.0	5	36.4
---Other Accidents	5	6.3	3	10.5	0	0.0	3	19.5	2	14.6
Intentional Self-Harm	12	15.2	2	7.0	1	9.5	2	13.0	2	14.6
Assault	5	6.3	1	3.5	0	0.0	1	6.5	0	0.0
All Other Causes (Residual)	89	112.4	45	157.5	13	123.3	15	97.4	20	145.6

*Rates for total deaths are per 1,000 population. Rates for fetal deaths, deaths under 1 year, and deaths under 28 days are per 1,000 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, 2005
Table 46 (continued)

Selected Causes of Death	Number and Rate by County									
	Taylor		Tucker		Tyler		Upshur		Wayne	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	2	13.8	0	0.0	2	21.1	4	14.8	2	4.5
Total Deaths, All Causes	180	11.0	90	13.0	107	11.5	261	11.0	508	12.1
---Deaths under 1 Year	2	13.8	0	0.0	0	0.0	2	7.4	5	11.3
---Deaths under 28 Days	2	13.8	0	0.0	0	0.0	1	3.7	4	9.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	3	18.4	0	0.0	5	53.5	0	0.0	8	19.0
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0	1	2.4
Malignant Neoplasms	37	227.1	25	360.1	30	321.2	53	223.5	123	292.2
---of Digestive Organs	8	49.1	6	86.4	9	96.4	14	59.0	22	52.3
-----Colon	5	30.7	2	28.8	2	21.4	5	21.1	7	16.6
-----Pancreas	2	12.3	2	28.8	3	32.1	2	8.4	7	16.6
---of Respiratory and Intrathoracic Organs	10	61.4	10	144.0	12	128.5	21	88.6	44	104.5
-----Trachea, Bronchus, and Lung	10	61.4	9	129.6	12	128.5	20	84.3	44	104.5
---of Breast	4	24.6	1	14.4	1	10.7	6	25.3	15	35.6
---of Genitourinary Organs	7	43.0	3	43.2	1	10.7	6	25.3	12	28.5
-----Cervix Uteri	1	6.1	0	0.0	0	0.0	1	4.2	2	4.8
-----Ovary	1	6.1	0	0.0	0	0.0	0	0.0	3	7.1
-----Prostate	2	12.3	1	14.4	1	10.7	2	8.4	3	7.1
-----Bladder	1	6.1	0	0.0	0	0.0	1	4.2	0	0.0
---All Other (Malignant Neoplasms)	8	49.1	5	72.0	7	74.9	6	25.3	30	71.3
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	0	0.0	2	28.8	1	10.7	0	0.0	3	7.1
Diabetes Mellitus	14	85.9	2	28.8	3	32.1	10	42.2	20	47.5
Alzheimer's Disease	1	6.1	3	43.2	0	0.0	2	8.4	12	28.5
Major Cardiovascular Disease	67	411.3	32	460.9	39	417.6	102	430.2	179	425.3
---Diseases of the Heart	46	282.4	25	360.1	29	310.5	69	291.0	130	308.9
-----Ischemic Heart Disease	34	208.7	18	259.3	23	246.3	44	185.6	95	225.7
---Essential Hypertension and Hypertensive Renal Disease	0	0.0	0	0.0	1	10.7	3	12.7	7	16.6
---Cerebrovascular Diseases	13	79.8	6	86.4	7	74.9	23	97.0	37	87.9
---Atherosclerosis	6	36.8	1	14.4	0	0.0	5	21.1	1	2.4
---Other Diseases of Arteries, Arterioles, and Capillaries	2	12.3	0	0.0	2	21.4	2	8.4	4	9.5
Influenza and Pneumonia	2	12.3	4	57.6	2	21.4	4	16.9	12	28.5
---Influenza	0	0.0	0	0.0	0	0.0	0	0.0	1	2.4
---Pneumonia	2	12.3	4	57.6	2	21.4	4	16.9	11	26.1
Chronic Lower Respiratory Diseases	15	92.1	6	86.4	8	85.7	28	118.1	26	61.8
Lung Diseases due to External Agents	2	12.3	0	0.0	0	0.0	2	8.4	2	4.8
---Coalworker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	1	4.2	0	0.0
Chronic Liver Disease and Cirrhosis	3	18.4	2	28.8	0	0.0	5	21.1	7	16.6
Nephritis, Nephrotic Syndrome, and Nephrosis	1	6.1	0	0.0	7	74.9	5	21.1	4	9.5
Congenital Anomalies	2	12.3	0	0.0	0	0.0	1	4.2	2	4.8
Ill-Defined and Unknown Causes of Death	0	0.0	1	14.4	2	21.4	1	4.2	6	14.3
Accidents	9	55.2	1	14.4	4	42.8	12	50.6	34	80.8
---Motor Vehicle Injuries	5	30.7	0	0.0	3	32.1	7	29.5	13	30.9
---Falls	0	0.0	1	14.4	0	0.0	1	4.2	3	7.1
---Smoke, Fires, and Flames	0	0.0	0	0.0	0	0.0	0	0.0	1	2.4
---Drownings	0	0.0	0	0.0	0	0.0	1	4.2	0	0.0
---Poisonings	0	0.0	0	0.0	0	0.0	0	0.0	11	26.1
---Other Accidents	4	24.6	0	0.0	1	10.7	3	12.7	6	14.3
Intentional Self-Harm	0	0.0	1	14.4	0	0.0	3	12.7	8	19.0
Assault	2	12.3	0	0.0	0	0.0	1	4.2	4	9.5
All Other Causes (Residual)	22	135.0	11	158.4	6	64.2	32	135.0	57	135.4

*Rates for total deaths are per 1,000 population. Rates for fetal deaths, deaths under 1 year, and deaths under 28 days are per 1,000 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, 2005
Table 46 (continued)**

Selected Causes of Death	Number and Rate by County									
	Webster		Wetzel		Wirt		Wood		Wyoming	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	9.4	0	0.0	1	18.9	8	7.8	0	0.0
Total Deaths, All Causes	110	11.2	185	10.8	73	12.4	939	10.8	296	12.1
---Deaths under 1 Year	1	9.4	1	4.6	0	0.0	10	9.8	1	3.7
---Deaths under 28 Days	0	0.0	1	4.6	0	0.0	7	6.9	1	3.7
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	1	10.2	1	5.8	1	17.0	8	9.2	4	16.3
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	32	326.4	40	233.7	23	390.1	174	199.9	57	232.9
---of Digestive Organs	8	81.6	12	70.1	5	84.8	37	42.5	14	57.2
-----Colon	3	30.6	8	46.7	2	33.9	16	18.4	7	28.6
-----Pancreas	2	20.4	2	11.7	2	33.9	5	5.7	2	8.2
---of Respiratory and Intrathoracic Organs	6	61.2	8	46.7	7	118.7	52	59.7	24	98.0
-----Trachea, Bronchus, and Lung	6	61.2	8	46.7	7	118.7	47	54.0	22	89.9
---of Breast	0	0.0	3	17.5	0	0.0	13	14.9	5	20.4
---of Genitourinary Organs	3	30.6	7	40.9	3	50.9	21	24.1	7	28.6
-----Cervix Uteri	0	0.0	2	11.7	0	0.0	2	2.3	0	0.0
-----Ovary	1	10.2	0	0.0	1	17.0	2	2.3	1	4.1
-----Prostate	0	0.0	2	11.7	1	17.0	6	6.9	0	0.0
-----Bladder	1	10.2	1	5.8	0	0.0	3	3.4	2	8.2
---All Other (Malignant Neoplasms)	15	153.0	10	58.4	8	135.7	51	58.6	7	28.6
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	2	20.4	1	5.8	1	17.0	10	11.5	2	8.2
Diabetes Mellitus	3	30.6	6	35.1	3	50.9	28	32.2	9	36.8
Alzheimer's Disease	3	30.6	6	35.1	0	0.0	14	16.1	3	12.3
Major Cardiovascular Disease	32	326.4	76	444.0	23	390.1	401	460.7	110	449.4
---Diseases of the Heart	25	255.0	58	338.8	12	203.5	276	317.1	93	379.9
-----Ischemic Heart Disease	17	173.4	47	274.6	9	152.6	178	204.5	70	286.0
---Essential Hypertension and Hypertensive Renal Disease	1	10.2	3	17.5	4	67.8	20	23.0	1	4.1
---Cerebrovascular Diseases	6	61.2	14	81.8	4	67.8	69	79.3	14	57.2
---Atherosclerosis	0	0.0	1	5.8	2	33.9	26	29.9	0	0.0
---Other Diseases of Arteries, Arterioles, and Capillaries	0	0.0	0	0.0	1	17.0	10	11.5	2	8.2
Influenza and Pneumonia	2	20.4	5	29.2	1	17.0	22	25.3	2	8.2
---Influenza	1	10.2	0	0.0	0	0.0	0	0.0	0	0.0
---Pneumonia	1	10.2	5	29.2	1	17.0	22	25.3	2	8.2
Chronic Lower Respiratory Diseases	7	71.4	10	58.4	4	67.8	62	71.2	22	89.9
Lung Diseases due to External Agents	0	0.0	0	0.0	1	17.0	2	2.3	10	40.9
---Coalworker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0	8	32.7
Chronic Liver Disease and Cirrhosis	1	10.2	3	17.5	1	17.0	11	12.6	4	16.3
Nephritis, Nephrotic Syndrome, and Nephrosis	0	0.0	4	23.4	1	17.0	10	11.5	2	8.2
Congenital Anomalies	0	0.0	2	11.7	0	0.0	4	4.6	2	8.2
Ill-Defined and Unknown Causes of Death	1	10.2	2	11.7	1	17.0	16	18.4	1	4.1
Accidents	9	91.8	13	75.9	3	50.9	43	49.4	24	98.0
---Motor Vehicle Injuries	2	20.4	4	23.4	0	0.0	15	17.2	12	49.0
---Falls	0	0.0	3	17.5	1	17.0	14	16.1	1	4.1
---Smoke, Fires, and Flames	0	0.0	0	0.0	0	0.0	1	1.1	0	0.0
---Drownings	0	0.0	2	11.7	0	0.0	0	0.0	0	0.0
---Poisonings	3	30.6	3	17.5	1	17.0	8	9.2	11	44.9
---Other Accidents	4	40.8	1	5.8	1	17.0	5	5.7	0	0.0
Intentional Self-Harm	0	0.0	5	29.2	0	0.0	11	12.6	4	16.3
Assault	0	0.0	0	0.0	1	17.0	4	4.6	3	12.3
All Other Causes (Residual)	17	173.4	11	64.3	9	152.6	119	136.7	37	151.1

*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
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**Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2005
Table 47**

Selected Causes of Death	Number and Rate by City									
	Beckley		Bluefield		Charleston		Clarksburg		Fairmont	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	3.1	1	6.2	4	4.7	2	7.9	2	8.8
Total Deaths, All Causes	318	18.8	175	15.7	766	15.0	268	16.3	288	15.1
---Deaths under 1 Year	2	6.2	1	6.2	8	9.3	0	0.0	2	8.8
---Deaths under 28 Days	1	3.1	1	6.2	3	3.5	0	0.0	1	4.4
Tuberculosis	0	0.0	1	9.0	1	2.0	0	0.0	0	0.0
Septicemia	5	29.5	4	36.0	17	33.2	4	24.3	9	47.2
Human Immunodeficiency Virus Infection	1	5.9	0	0.0	3	5.9	0	0.0	0	0.0
Malignant Neoplasms	78	460.6	34	305.8	175	342.0	48	292.0	60	315.0
---of Digestive Organs	20	118.1	6	54.0	31	60.6	16	97.3	13	68.2
-----Colon	9	53.1	3	27.0	11	21.5	7	42.6	7	36.7
-----Pancreas	2	11.8	0	0.0	6	11.7	3	18.2	1	5.2
---of Respiratory and Intrathoracic Organs	27	159.4	6	54.0	57	111.4	14	85.2	21	110.2
-----Trachea, Bronchus, and Lung	27	159.4	6	54.0	54	105.5	13	79.1	21	110.2
---of Breast	10	59.0	3	27.0	12	23.4	2	12.2	4	21.0
---of Genitourinary Organs	10	59.0	5	45.0	30	58.6	4	24.3	10	52.5
-----Cervix Uteri	1	5.9	0	0.0	1	2.0	0	0.0	0	0.0
-----Ovary	1	5.9	1	9.0	6	11.7	0	0.0	0	0.0
-----Prostate	4	23.6	0	0.0	7	13.7	3	18.2	6	31.5
-----Bladder	3	17.7	1	9.0	5	9.8	0	0.0	1	5.2
---All Other (Malignant Neoplasms)	11	65.0	14	125.9	45	87.9	12	73.0	12	63.0
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	3	17.7	1	9.0	4	7.8	1	6.1	1	5.2
Diabetes Mellitus	14	82.7	9	80.9	32	62.5	15	91.2	7	36.7
Alzheimer's Disease	11	65.0	0	0.0	17	33.2	10	60.8	4	21.0
Major Cardiovascular Disease	108	637.7	65	584.6	253	494.4	90	547.5	102	535.5
---Diseases of the Heart	87	513.7	47	422.7	174	340.0	72	438.0	79	414.7
-----Ischemic Heart Disease	54	318.8	22	197.9	117	228.6	54	328.5	60	315.0
---Essential Hypertension and Hypertensive Renal Disease	5	29.5	2	18.0	12	23.4	2	12.2	7	36.7
---Cerebrovascular Diseases	14	82.7	14	125.9	54	105.5	10	60.8	12	63.0
---Atherosclerosis	2	11.8	1	9.0	0	0.0	4	24.3	1	5.2
---Other Diseases of Arteries, Arterioles, and Capillaries	0	0.0	1	9.0	13	25.4	2	12.2	3	15.7
Influenza and Pneumonia	6	35.4	7	63.0	19	37.1	2	12.2	4	21.0
---Influenza	0	0.0	0	0.0	2	3.9	0	0.0	0	0.0
---Pneumonia	6	35.4	7	63.0	17	33.2	2	12.2	4	21.0
Chronic Lower Respiratory Diseases	16	94.5	5	45.0	50	97.7	21	127.7	16	84.0
Lung Diseases due to External Agents	7	41.3	2	18.0	6	11.7	6	36.5	6	31.5
---Coalworker's Pneumoconiosis	2	11.8	1	9.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	7	41.3	1	9.0	4	7.8	3	18.2	0	0.0
Nephritis, Nephrotic Syndrome, and Nephrosis	4	23.6	3	27.0	16	31.3	8	48.7	12	63.0
Congenital Anomalies	0	0.0	2	18.0	4	7.8	0	0.0	2	10.5
Ill-Defined and Unknown Causes of Death	2	11.8	1	9.0	10	19.5	3	18.2	0	0.0
Accidents	15	88.6	13	116.9	33	64.5	9	54.7	14	73.5
---Motor Vehicle Injuries	2	11.8	4	36.0	6	11.7	2	12.2	2	10.5
---Falls	4	23.6	1	9.0	7	13.7	2	12.2	6	31.5
---Smoke, Fires, and Flames	2	11.8	0	0.0	2	3.9	0	0.0	1	5.2
---Drownings	0	0.0	1	9.0	1	2.0	0	0.0	0	0.0
---Poisonings	5	29.5	3	27.0	11	21.5	5	30.4	3	15.7
---Other Accidents	2	11.8	4	36.0	6	11.7	0	0.0	2	10.5
Intentional Self-Harm	1	5.9	2	18.0	6	11.7	4	24.3	1	5.2
Assault	1	5.9	0	0.0	6	11.7	3	18.2	0	0.0
All Other Causes (Residual)	39	230.3	25	224.8	110	214.9	41	249.4	50	262.5

* 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.

**Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2005
Table 47 (continued)**

Selected Causes of Death	Number and Rate by City									
	Huntington		Martinsburg		Morgantown		Moundsville		Parkersburg	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	6	10.1	1	2.1	1	1.9	1	10.8	2	3.9
Total Deaths, All Causes	767	15.6	225	14.1	264	9.3	159	16.6	537	16.8
---Deaths under 1 Year	6	10.1	4	8.4	3	5.8	0	0.0	7	13.8
---Deaths under 28 Days	4	6.7	2	4.2	2	3.8	0	0.0	5	9.8
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	14	28.5	4	25.0	4	14.1	1	10.5	5	15.6
Human Immunodeficiency Virus Infection	4	8.1	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	150	304.9	41	256.3	47	166.1	31	324.0	83	259.2
---of Digestive Organs	30	61.0	6	37.5	11	38.9	2	20.9	18	56.2
-----Colon	13	26.4	2	12.5	7	24.7	1	10.5	9	28.1
-----Pancreas	5	10.2	1	6.3	1	3.5	1	10.5	3	9.4
---of Respiratory and Intrathoracic Organs	55	111.8	11	68.8	10	35.3	11	115.0	26	81.2
-----Trachea, Bronchus, and Lung	51	103.7	11	68.8	10	35.3	11	115.0	22	68.7
---of Breast	13	26.4	4	25.0	6	21.2	3	31.4	4	12.5
---of Genitourinary Organs	22	44.7	12	75.0	7	24.7	2	20.9	10	31.2
-----Cervix Uteri	1	2.0	2	12.5	0	0.0	0	0.0	0	0.0
-----Ovary	6	12.2	2	12.5	1	3.5	0	0.0	2	6.2
-----Prostate	3	6.1	3	18.8	2	7.1	1	10.5	3	9.4
-----Bladder	5	10.2	2	12.5	1	3.5	0	0.0	2	6.2
---All Other (Malignant Neoplasms)	30	61.0	8	50.0	13	45.9	13	135.9	25	78.1
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	3	6.1	1	6.3	0	0.0	2	20.9	8	25.0
Diabetes Mellitus	39	79.3	4	25.0	7	24.7	3	31.4	18	56.2
Alzheimer's Disease	28	56.9	6	37.5	10	35.3	4	41.8	12	37.5
Major Cardiovascular Disease	232	471.6	87	543.9	102	360.5	57	595.8	240	749.5
---Diseases of the Heart	176	357.7	65	406.4	77	272.2	46	480.8	155	484.1
-----Ischemic Heart Disease	114	231.7	44	275.1	51	180.3	40	418.1	99	309.2
---Essential Hypertension and Hypertensive Renal Disease	8	16.3	4	25.0	4	14.1	2	20.9	11	34.4
---Cerebrovascular Diseases	44	89.4	15	93.8	14	49.5	6	62.7	44	137.4
---Atherosclerosis	1	2.0	0	0.0	1	3.5	0	0.0	24	75.0
---Other Diseases of Arteries, Arterioles, and Capillaries	3	6.1	3	18.8	6	21.2	3	31.4	6	18.7
Influenza and Pneumonia	13	26.4	4	25.0	2	7.1	3	31.4	15	46.8
---Influenza	4	8.1	0	0.0	0	0.0	0	0.0	0	0.0
---Pneumonia	9	18.3	4	25.0	2	7.1	3	31.4	15	46.8
Chronic Lower Respiratory Diseases	65	132.1	12	75.0	17	60.1	14	146.3	38	118.7
Lung Diseases due to External Agents	6	12.2	0	0.0	2	7.1	0	0.0	2	6.2
---Coalworker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	5	10.2	3	18.8	2	7.1	3	31.4	9	28.1
Nephritis, Nephrotic Syndrome, and Nephrosis	18	36.6	9	56.3	9	31.8	4	41.8	7	21.9
Congenital Anomalies	2	4.1	2	12.5	1	3.5	0	0.0	3	9.4
Ill-Defined and Unknown Causes of Death	13	26.4	7	43.8	3	10.6	1	10.5	7	21.9
Accidents	39	79.3	7	43.8	12	42.4	9	94.1	21	65.6
---Motor Vehicle Injuries	4	8.1	0	0.0	0	0.0	2	20.9	3	9.4
---Falls	14	28.5	1	6.3	4	14.1	1	10.5	8	25.0
---Smoke, Fires, and Flames	3	6.1	0	0.0	0	0.0	0	0.0	1	3.1
---Drownings	0	0.0	0	0.0	0	0.0	1	10.5	0	0.0
---Poisonings	14	28.5	3	18.8	5	17.7	4	41.8	6	18.7
---Other Accidents	4	8.1	3	18.8	3	10.6	1	10.5	3	9.4
Intentional Self-Harm	11	22.4	5	31.3	2	7.1	5	52.3	7	21.9
Assault	8	16.3	1	6.3	0	0.0	1	10.5	3	9.4
All Other Causes (Residual)	117	237.8	32	200.1	44	155.5	21	219.5	59	184.3

* 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.

**Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2005
Table 47 (continued)**

Selected Causes of Death	Number and Rate by City									
	Saint Albans		South Charleston		Vienna		Weirton		Wheeling	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	5.6	0	0.0	1	8.4	4	18.8	0	0.0
Total Deaths, All Causes	210	18.9	209	16.5	124	11.5	305	15.6	482	16.3
---Deaths under 1 Year	4	22.5	1	5.6	2	16.8	0	0.0	4	10.3
---Deaths under 28 Days	1	5.6	0	0.0	2	16.8	0	0.0	3	7.7
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	1	3.4
Septicemia	3	27.0	3	23.6	1	9.3	7	35.8	3	10.1
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	37	333.2	44	346.5	22	204.3	60	307.0	117	394.8
---of Digestive Organs	7	63.0	8	63.0	6	55.7	10	51.2	25	84.3
-----Colon	1	9.0	2	15.7	2	18.6	3	15.3	6	20.2
-----Pancreas	5	45.0	3	23.6	1	9.3	3	15.3	10	33.7
---of Respiratory and Intrathoracic Organs	14	126.1	11	86.6	7	65.0	17	87.0	37	124.8
-----Trachea, Bronchus, and Lung	14	126.1	11	86.6	7	65.0	16	81.9	36	121.5
---of Breast	3	27.0	6	47.2	2	18.6	6	30.7	8	27.0
---of Genitourinary Organs	5	45.0	9	70.9	2	18.6	9	46.0	13	43.9
-----Cervix Uteri	0	0.0	0	0.0	0	0.0	2	10.2	0	0.0
-----Ovary	0	0.0	0	0.0	0	0.0	0	0.0	5	16.9
-----Prostate	2	18.0	4	31.5	0	0.0	4	20.5	5	16.9
-----Bladder	0	0.0	4	31.5	0	0.0	0	0.0	1	3.4
---All Other (Malignant Neoplasms)	8	72.0	10	78.7	5	46.4	18	92.1	34	114.7
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	2	18.0	0	0.0	1	9.3	2	10.2	1	3.4
Diabetes Mellitus	7	63.0	9	70.9	1	9.3	10	51.2	17	57.4
Alzheimer's Disease	9	81.0	10	78.7	0	0.0	8	40.9	16	54.0
Major Cardiovascular Disease	63	567.3	68	535.4	54	501.4	106	542.4	185	624.2
---Diseases of the Heart	40	360.2	42	330.7	42	390.0	82	419.6	140	472.4
-----Ischemic Heart Disease	32	288.2	35	275.6	24	222.8	52	266.1	102	344.1
---Essential Hypertension and Hypertensive Renal Disease	7	63.0	8	63.0	4	37.1	0	0.0	7	23.6
---Cerebrovascular Diseases	14	126.1	15	118.1	6	55.7	18	92.1	28	94.5
---Atherosclerosis	0	0.0	2	15.7	0	0.0	1	5.1	3	10.1
---Other Diseases of Arteries, Arterioles, and Capillaries	2	18.0	1	7.9	2	18.6	5	25.6	7	23.6
Influenza and Pneumonia	4	36.0	6	47.2	0	0.0	10	51.2	8	27.0
---Influenza	1	9.0	1	7.9	0	0.0	0	0.0	0	0.0
---Pneumonia	3	27.0	5	39.4	0	0.0	10	51.2	8	27.0
Chronic Lower Respiratory Diseases	10	90.0	11	86.6	14	130.0	18	92.1	28	94.5
Lung Diseases due to External Agents	3	27.0	1	7.9	0	0.0	1	5.1	4	13.5
---Coalworker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	2	15.7	0	0.0	2	10.2	7	23.6
Nephritis, Nephrotic Syndrome, and Nephrosis	9	81.0	9	70.9	2	18.6	3	15.3	7	23.6
Congenital Anomalies	0	0.0	1	7.9	0	0.0	0	0.0	1	3.4
Ill-Defined and Unknown Causes of Death	4	36.0	4	31.5	2	18.6	7	35.8	3	10.1
Accidents	13	117.1	8	63.0	1	9.3	17	87.0	14	47.2
---Motor Vehicle Injuries	2	18.0	2	15.7	0	0.0	1	5.1	2	6.7
---Falls	2	18.0	1	7.9	0	0.0	5	25.6	3	10.1
---Smoke, Fires, and Flames	0	0.0	2	15.7	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	5	45.0	3	23.6	1	9.3	6	30.7	4	13.5
---Other Accidents	4	36.0	0	0.0	0	0.0	5	25.6	5	16.9
Intentional Self-Harm	1	9.0	6	47.2	1	9.3	4	20.5	5	16.9
Assault	1	9.0	2	15.7	0	0.0	1	5.1	1	3.4
All Other Causes (Residual)	44	396.2	25	196.9	25	232.1	49	250.7	64	215.9

* 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.

Selected Causes of Resident Deaths: Number by Race and Gender
West Virginia, 2005
Table 48

Selected Causes of Death	Number by Race and Gender						Total
	White		Black		Other		
	Male	Female	Male	Female	Male	Female	
Fetal Deaths	56	54	3	1	1	0	115
Total Deaths, All Causes	9,912	10,202	298	337	8	16	20,773
---Deaths under 1 Year	90	67	7	4	0	0	168
---Deaths under 28 Days	57	44	2	3	0	0	106
Tuberculosis	1	3	0	0	0	0	4
Septicemia	146	168	5	6	0	1	326
Human Immunodeficiency Virus Infection	17	3	3	0	0	0	23
Malignant Neoplasms	2,357	2,125	64	65	3	3	4,617
---of Digestive Organs	484	416	16	13	1	0	930
-----Colon	169	180	2	6	1	0	358
-----Pancreas	90	94	1	4	0	0	189
---of Respiratory and Intrathoracic Organs	928	635	18	16	1	1	1,599
-----Trachea, Bronchus, and Lung	880	618	16	16	1	1	1,532
---of Breast	2	318	0	14	0	2	336
---of Genitourinary Organs	304	258	20	10	1	0	593
-----Cervix Uteri	0	32	0	2	0	0	34
-----Ovary	0	91	0	2	0	0	93
-----Prostate	174	0	14	0	0	0	188
-----Bladder	65	28	1	3	1	0	98
---All Other (Malignant Neoplasms)	639	498	10	12	0	0	1,159
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	58	60	0	2	0	0	120
Diabetes Mellitus	329	381	26	24	0	0	760
Alzheimer's Disease	136	384	2	8	0	0	530
Major Cardiovascular Disease	3,296	3,738	87	131	3	5	7,260
---Diseases of the Heart	2,657	2,695	71	87	3	3	5,516
-----Ischemic Heart Disease	1,969	1,729	45	53	2	0	3,798
---Essential Hypertension and Hypertensive Renal Disease	79	153	3	11	0	0	246
---Cerebrovascular Diseases	416	736	11	26	0	1	1,190
---Atherosclerosis	34	77	0	2	0	1	114
---Other Diseases of Arteries, Arterioles, and Capillaries	110	77	2	5	0	0	194
Influenza and Pneumonia	166	232	8	5	1	0	412
---Influenza	8	11	1	0	1	0	21
---Pneumonia	158	221	7	5	0	0	391
Chronic Lower Respiratory Diseases	645	680	15	11	1	3	1,355
Lung Diseases due to External Agents	153	68	5	2	0	0	228
---Coalworker's Pneumoconiosis	70	0	4	0	0	0	74
Chronic Liver Disease and Cirrhosis	154	68	3	5	0	0	230
Nephritis, Nephrotic Syndrome, and Nephrosis	212	225	5	14	0	0	456
Congenital Anomalies	34	34	2	0	0	1	71
Ill-Defined and Unknown Causes of Death	129	119	5	5	0	0	258
Accidents	714	360	13	10	0	1	1,098
---Motor Vehicle Injuries	278	108	4	1	0	0	391
---Falls	79	79	1	0	0	1	160
---Smoke, Fires, and Flames	13	10	0	0	0	0	23
---Drownings	12	3	1	0	0	0	16
---Poisonings	221	104	6	5	0	0	336
---Other Accidents	111	56	1	4	0	0	172
Intentional Self-Harm	220	45	4	3	0	0	272
Assault	51	31	14	2	0	0	98
All Other Causes (Residual)	1,094	1,478	37	44	0	2	2,655

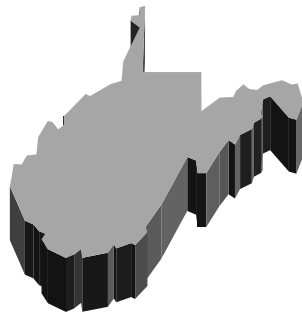
West Virginia Bureau for Public Health
Health Statistics Center, 2007

**Selected Causes of Resident Deaths by Age Group
West Virginia, 2005
Table 49**

Selected Causes of Death	Total	Age in Years												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		85 and Over
Total Deaths, All Causes	20,773	168	29	17	29	101	143	321	686	1,494	2,459	3,787	6,186	5,353	72.4
---Deaths under 1 Year	168	168	0	0	0	0	0	0	0	0	0	0	0	0	0.4
---Deaths under 28 Days	106	106	0	0	0	0	0	0	0	0	0	0	0	0	0.5
Tuberculosis	4	0	0	0	0	0	0	0	0	0	0	2	1	1	75.2
Septicemia	326	1	0	1	0	0	3	2	12	22	46	60	95	84	72.9
Human Immunodeficiency Virus Infection	23	0	0	0	0	0	0	6	10	6	1	0	0	0	40.5
Malignant Neoplasms	4,617	0	2	3	2	6	6	27	111	417	839	1,265	1,350	589	70.2
---of Digestive Organs	930	0	0	0	0	0	1	5	18	79	160	236	303	128	71.3
-----Colon	358	0	0	0	0	0	1	1	4	20	56	88	123	65	73.6
-----Pancreas	189	0	0	0	0	0	0	0	4	16	43	42	66	18	70.1
---of Respiratory and Intrathoracic Organs	1,599	0	0	0	0	0	0	1	22	132	349	508	459	128	69.6
-----Trachea, Bronchus, and Lung	1,532	0	0	0	0	0	0	1	19	124	330	486	449	123	69.8
---of Breast	336	0	0	0	0	0	0	2	19	48	58	84	74	51	68.4
---of Genitourinary Organs	593	0	0	0	0	0	1	4	17	44	81	143	195	108	72.6
-----Cervix Uteri	34	0	0	0	0	0	0	1	9	12	2	5	3	2	55.1
-----Ovary	93	0	0	0	0	0	0	1	4	13	21	30	19	5	65.3
-----Prostate	188	0	0	0	0	0	0	1	0	0	16	48	66	57	78.1
-----Bladder	98	0	0	0	0	0	0	0	1	4	5	23	41	24	77.7
---All Other (Malignant Neoplasms)	1,159	0	2	3	2	6	4	15	35	114	191	294	319	174	69.6
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	120	0	2	0	1	0	0	0	3	6	12	28	37	31	73.4
Diabetes Mellitus	760	0	0	0	0	0	1	3	18	55	129	170	254	130	72.4
Alzheimer's Disease	530	0	0	0	0	0	0	0	1	6	36	188	298	85.0	
Major Cardiovascular Disease	7,260	0	1	0	1	3	7	20	114	383	719	1,128	2,365	2,519	77.6
---Diseases of the Heart	5,516	0	1	0	1	2	5	15	95	320	601	884	1,764	1,828	76.9
-----Ischemic Heart Disease	3,798	0	0	0	0	1	0	7	67	251	445	632	1,218	1,177	76.3
---Essential Hypertension and Hypertensive Renal Disease	246	0	0	0	0	1	0	0	4	12	26	35	66	102	78.4
---Cerebrovascular Diseases	1,190	0	0	0	0	0	2	4	13	46	72	158	431	464	79.8
---Atherosclerosis	114	0	0	0	0	0	0	0	0	0	4	9	37	64	85.1
---Other Diseases of Arteries, Arterioles, and Capillaries	194	0	0	0	0	0	0	1	2	5	16	42	67	61	78.0
Influenza and Pneumonia	412	3	0	0	0	0	0	0	2	13	26	44	134	190	80.9
---Influenza	21	0	0	0	0	0	0	0	0	1	0	1	6	13	84.0
---Pneumonia	391	3	0	0	0	0	0	0	2	12	26	43	128	177	80.8
Chronic Lower Respiratory Diseases	1,355	0	0	0	0	0	0	2	9	45	159	344	539	257	75.4
Lung Diseases due to External Agents	228	0	0	0	0	0	0	0	1	3	11	32	91	90	81.1
---Coalworker's Pneumoconiosis	74	0	0	0	0	0	0	0	0	0	5	11	40	18	79.6
Chronic Liver Disease and Cirrhosis	230	0	0	0	0	0	0	0	24	49	66	51	32	8	61.2
Nephritis, Nephrotic Syndrome, and Nephrosis	456	0	0	1	0	0	0	2	6	22	32	84	150	159	77.7
Congenital Anomalies	71	33	5	0	0	2	2	1	5	8	4	3	7	1	25.3
Ill-Defined and Unknown Causes of Death	258	43	0	0	0	0	0	5	12	18	33	33	58	56	60.1
Accidents	1,098	3	7	3	10	59	85	170	208	164	94	81	113	101	48.9
---Motor Vehicle Injuries	391	0	3	2	7	43	48	64	61	49	43	27	30	14	42.7
---Falls	160	0	0	0	0	1	1	2	9	10	12	28	44	53	74.6
---Smoke, Fires, and Flames	23	1	2	0	0	0	2	1	3	3	4	1	5	1	49.0
---Drownings	16	0	1	1	0	1	2	2	4	2	1	0	2	0	37.4
---Poisonings	336	1	0	0	0	7	28	91	107	84	14	4	0	0	38.3
---Other Accidents	172	1	1	0	3	7	4	10	24	16	20	21	32	33	60.9
Intentional Self-Harm	272	0	0	0	6	10	17	33	45	63	45	20	23	10	48.9
Assault	98	2	4	1	4	7	7	25	20	19	4	5	0	0	34.4
All Other Causes (Residual)	2,655	83	8	8	5	14	15	25	85	200	233	401	749	829	72.1

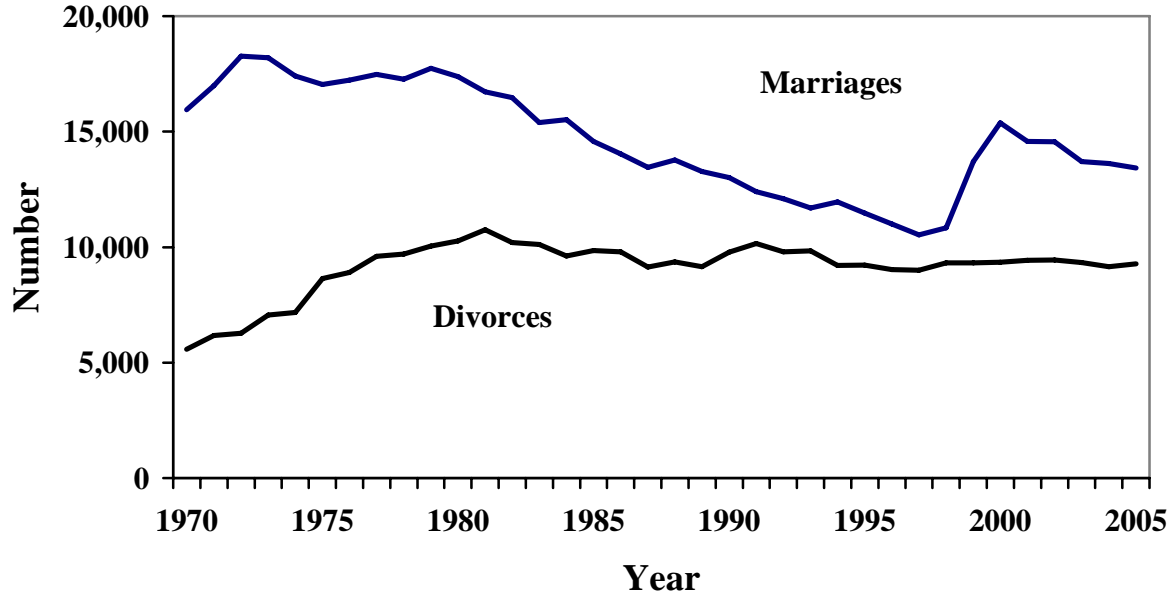
**Selected Causes of Resident Deaths by Month of Occurrence
West Virginia, 2005
Table 50**

Selected Causes of Death	Number of Deaths per Month												Total
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
Fetal Deaths	8	5	9	11	19	5	13	5	7	12	8	13	115
Total Deaths, All Causes	1,813	1,842	2,087	1,886	1,693	1,575	1,574	1,517	1,561	1,657	1,728	1,840	20,773
---Deaths under 1 Year	13	12	12	11	12	13	22	11	13	20	11	18	168
---Deaths under 28 Days	9	5	8	5	7	8	13	10	9	13	6	13	106
Tuberculosis	0	0	0	0	0	0	0	0	1	1	1	1	4
Septicemia	21	21	34	34	35	23	28	27	22	20	36	25	326
Human Immunodeficiency Virus Infection	0	4	4	1	2	2	1	2	3	1	1	2	23
Malignant Neoplasms	370	400	397	391	378	338	397	384	384	398	393	387	4,617
---of Digestive Organs	73	89	80	69	81	83	69	85	78	74	79	70	930
-----Colon	32	38	33	21	19	42	28	28	27	32	33	25	358
-----Pancreas	11	19	19	14	22	15	12	19	16	12	17	13	189
---of Respiratory and Intrathoracic Organs	127	139	140	132	133	100	136	124	124	142	148	154	1,599
-----Trachea, Bronchus, and Lung	123	132	136	128	127	98	131	116	120	134	144	143	1,532
---of Breast	27	29	22	41	27	31	36	25	26	27	22	23	336
---of Genitourinary Organs	47	44	60	39	48	40	63	53	44	53	59	43	593
-----Cervix Uteri	3	3	5	6	2	0	0	2	2	3	5	3	34
-----Ovary	8	9	5	6	7	8	10	11	4	8	11	6	93
-----Prostate	17	6	19	13	14	12	22	14	15	19	24	13	188
-----Bladder	9	11	9	7	14	5	9	7	7	5	8	7	98
---All Other (Malignant Neoplasms)	96	99	95	110	89	84	93	97	112	102	85	97	1,159
Benign Neoplasms, Carcinoma in Situ, and Unspecified Neoplasms	8	7	14	9	6	11	12	7	9	10	12	15	120
Diabetes Mellitus	66	67	72	81	58	71	54	47	53	53	60	78	760
Alzheimer's Disease	50	51	57	35	40	43	34	34	40	38	41	67	530
Major Cardiovascular Disease	669	675	748	655	606	544	498	516	542	556	620	631	7,260
---Diseases of the Heart	526	510	557	495	454	420	389	379	415	416	483	472	5,516
-----Ischemic Heart Disease	352	335	377	350	306	288	275	257	281	288	350	339	3,798
---Essential Hypertension and Hypertensive Renal Disease	25	34	29	18	16	14	13	17	15	20	20	25	246
---Cerebrovascular Diseases	92	103	129	117	105	84	75	93	99	91	89	113	1,190
---Atherosclerosis	11	12	15	10	7	12	6	11	5	9	7	9	114
---Other Diseases of Arteries, Arterioles, and Capillaries	15	16	18	15	24	14	15	16	8	20	21	12	194
Influenza and Pneumonia	44	46	58	43	25	26	22	26	24	33	26	39	412
---Influenza	3	6	7	4	1	0	0	0	0	0	0	0	21
---Pneumonia	41	40	51	39	24	26	22	26	24	33	26	39	391
Chronic Lower Respiratory Diseases	110	130	196	131	126	86	95	74	85	97	108	117	1,355
Lung Diseases due to External Agents	22	16	25	33	21	15	11	11	23	13	28	10	228
---Coalworker's Pneumoconiosis	7	6	12	11	7	4	1	5	7	5	6	3	74
Chronic Liver Disease and Cirrhosis	19	19	25	20	12	21	27	19	18	18	11	21	230
Nephritis, Nephrotic Syndrome, and Nephrosis	34	31	49	45	36	44	27	40	35	43	28	44	456
Congenital Anomalies	4	8	7	8	2	8	3	6	3	6	5	11	71
Ill-Defined and Unknown Causes of Death	52	30	24	19	17	9	21	8	19	19	18	22	258
Accidents	96	87	81	97	75	97	113	102	60	103	99	88	1,098
---Motor Vehicle Injuries	28	19	24	32	26	39	55	43	19	41	29	36	391
---Falls	15	12	15	19	16	12	9	11	8	10	24	9	160
---Smoke, Fires, and Flames	7	7	1	1	0	2	0	0	1	1	2	1	23
---Drownings	1	0	0	0	1	4	1	5	1	1	2	0	16
---Poisonings	24	34	29	30	17	26	34	28	22	32	35	25	336
---Other Accidents	21	15	12	15	15	14	14	15	9	18	7	17	172
Intentional Self-Harm	15	24	20	28	26	20	15	22	30	25	25	22	272
Assault	7	12	7	9	9	9	8	9	10	8	6	4	98
All Other Causes (Residual)	226	214	269	247	219	208	208	183	200	215	210	256	2,655



West Virginia Vital Statistics
Marriages & Divorces

Marriages and Divorces West Virginia, 1970-2005 Exhibit 21



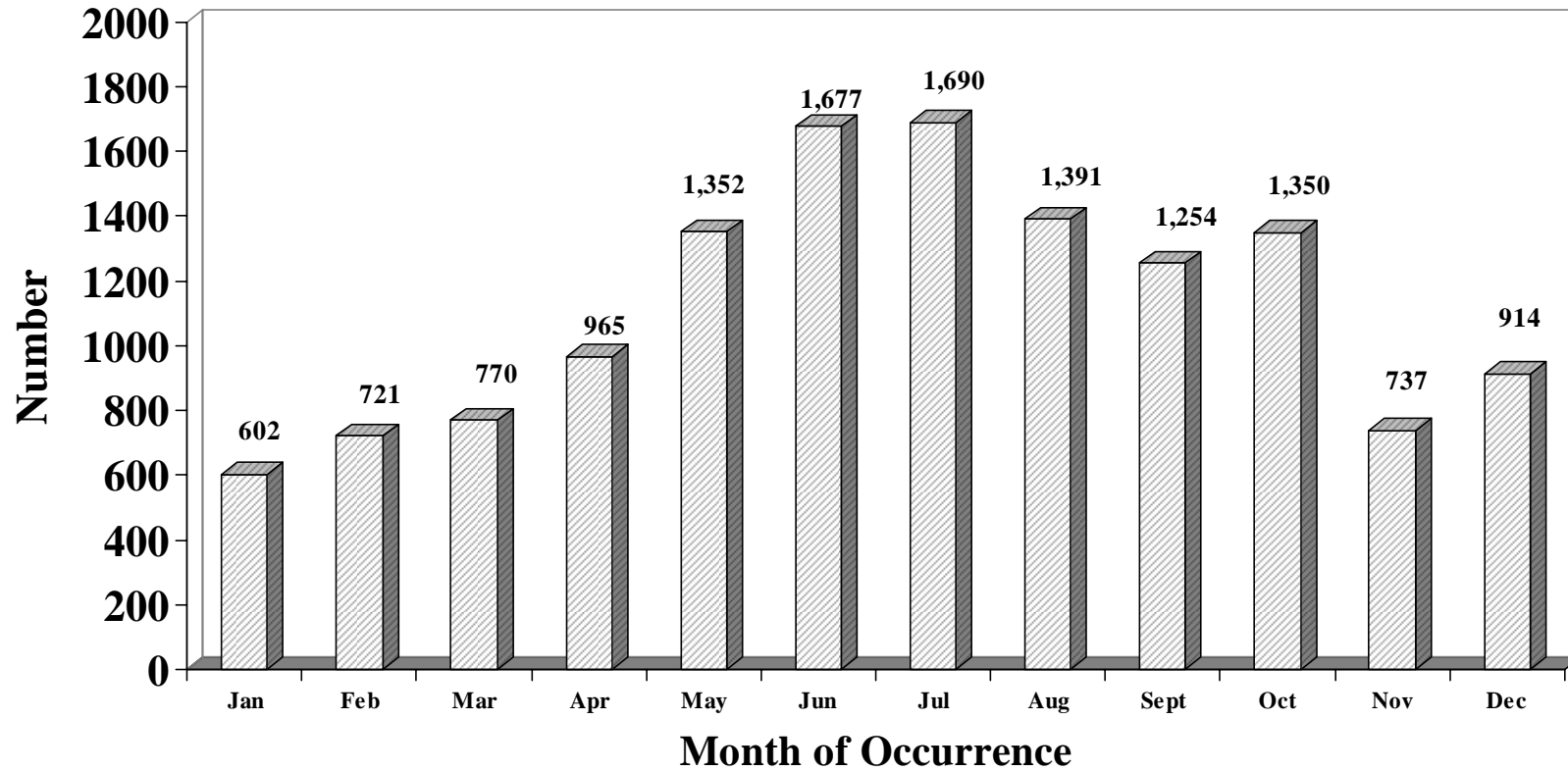
Year	Marriages	Divorces and Annulments
1970	15,948	5,584
1975	17,041	8,632
1980	17,391	10,273
1985	14,580	9,851
1990	13,012	9,783
1995	11,472	9,219
2000	15,375	9,336
2001	14,581	9,421
2002	14,558	9,442
2003	13,697	9,335
2004	13,622	9,149
2005	13,423	9,269

West Virginia Bureau for Public Health
Health Statistics Center, 2007

Marriages by Month of Occurrence
West Virginia, 2005
Table 51

County	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Barbour	4	9	6	6	12	14	22	11	11	11	11	4	121
Berkeley	19	24	29	52	57	55	59	62	59	68	30	42	556
Boone	10	10	20	23	17	22	36	23	19	19	21	17	237
Braxton	7	4	11	6	15	10	18	11	12	12	6	7	119
Brooke	6	9	8	13	12	16	20	17	17	20	9	7	154
Cabell	27	34	42	55	64	88	83	71	72	75	43	50	704
Calhoun	2	2	1	3	3	7	14	8	9	9	1	2	61
Clay	2	10	5	4	9	6	13	9	7	5	7	12	89
Doddridge	6	5	1	1	6	7	6	7	4	5	3	3	54
Fayette	19	23	20	24	44	49	44	35	38	46	16	24	382
Gilmer	3	2	5	5	6	5	15	8	3	9	0	3	64
Grant	4	6	4	4	11	15	9	8	9	9	8	3	90
Greenbrier	7	12	22	10	28	29	29	29	25	31	9	12	243
Hampshire	6	5	4	7	13	21	16	14	11	8	1	9	115
Hancock	9	17	12	22	17	18	30	18	34	28	14	20	239
Hardy	5	5	7	4	11	11	15	10	8	7	1	8	92
Harrison	25	23	29	36	57	79	64	52	52	36	29	41	523
Jackson	8	13	18	11	33	34	19	26	19	19	8	13	221
Jefferson	12	11	13	22	30	30	19	15	27	29	17	22	247
Kanawha	72	83	77	119	146	188	202	140	117	125	74	95	1,438
Lewis	7	12	9	11	15	15	14	15	19	14	9	15	155
Lincoln	7	14	6	15	12	12	17	16	14	14	10	6	143
Logan	12	21	21	23	28	45	37	23	20	25	21	24	300
McDowell	5	5	9	8	18	14	16	25	16	17	14	14	161
Marion	10	21	31	22	51	60	42	49	46	44	22	17	415
Marshall	5	16	15	12	25	37	37	34	21	33	10	16	261
Mason	9	11	8	14	17	22	26	14	17	18	14	14	184
Mercer	36	42	32	32	54	53	58	51	40	42	28	38	506
Mineral	0	10	8	8	12	24	19	10	22	13	12	15	153
Mingo	17	11	23	21	22	34	38	17	21	19	20	14	257
Monongalia	25	29	32	49	69	86	84	80	55	71	29	27	636
Monroe	5	6	4	7	7	12	11	13	6	8	8	3	90
Morgan	5	10	6	8	10	11	9	14	15	15	11	8	122
Nicholas	8	10	9	19	24	28	24	26	21	22	15	18	224
Ohio	15	12	17	29	48	47	57	45	38	48	18	30	404
Pendleton	3	0	2	2	6	10	5	3	3	7	0	1	42
Pleasants	2	10	5	4	12	10	11	7	8	7	3	1	80
Pocahontas	2	3	1	2	6	11	5	9	7	6	4	6	62
Preston	10	1	3	10	28	23	26	28	29	28	16	12	214
Putnam	25	18	20	26	31	44	45	46	34	33	17	22	361
Raleigh	43	36	44	40	55	62	93	74	58	51	42	53	651
Randolph	4	8	8	15	21	33	23	15	15	19	8	4	173
Ritchie	4	7	5	4	6	15	7	7	9	10	2	8	84
Roane	6	7	9	4	5	15	10	15	9	15	8	8	111
Summers	2	7	1	3	6	12	9	8	9	6	4	7	74
Taylor	3	3	2	11	18	13	12	7	10	15	5	0	99
Tucker	4	3	3	4	5	8	7	7	4	6	3	4	58
Tyler	5	1	3	5	6	16	8	8	5	5	0	3	65
Upshur	9	18	12	12	15	25	27	20	16	18	10	17	199
Wayne	7	8	8	18	17	37	35	25	15	23	12	19	224
Webster	9	5	7	14	6	14	9	4	4	9	3	6	90
Wetzel	4	6	7	9	13	12	13	15	11	15	8	9	122
Wirt	2	2	4	2	3	2	6	2	7	4	1	5	40
Wood	28	35	46	65	78	86	94	65	65	81	33	58	734
Wyoming	11	6	16	10	12	25	23	20	12	18	9	18	180
Total	602	721	770	965	1,352	1,677	1,690	1,391	1,254	1,350	737	914	13,423

**Marriages by Month of Occurrence
West Virginia, 2005
Exhibit 22**



West Virginia Bureau for Public Health
Health Statistics Center, 2007

**Number of Marriages by County
West Virginia, 2001-2005
Table 52**

County	2001	2002	2003	2004	2005	County	2001	2002	2003	2004	2005
Barbour	119	125	105	115	121	Monongalia	585	622	641	632	636
Berkeley	481	479	465	484	556	Monroe	87	88	75	82	90
Boone	245	197	201	241	237	Morgan	96	78	74	105	122
Braxton	110	134	120	118	119	Nicholas	223	250	224	205	224
Brooke	184	224	171	202	154	Ohio	442	445	458	426	404
Cabell	824	737	692	695	704	Pendleton	48	45	44	51	42
Calhoun	66	45	56	70	61	Pleasants	57	54	55	50	80
Clay	85	96	103	77	89	Pocahontas	64	81	77	62	62
Doddridge	66	50	51	54	54	Preston	238	218	233	204	214
Fayette	444	421	408	355	382	Putnam	380	388	390	376	361
Gilmer	49	59	58	56	64	Raleigh	729	723	656	636	651
Grant	94	81	71	80	90	Randolph	222	269	221	232	173
Greenbrier	267	276	244	299	243	Ritchie	68	71	71	83	84
Hampshire	124	117	108	101	115	Roane	136	160	127	115	111
Hancock	263	260	235	241	239	Summers	97	109	84	88	74
Hardy	87	86	75	96	92	Taylor	106	120	99	111	99
Harrison	598	583	476	553	523	Tucker	67	64	79	68	58
Jackson	205	234	233	237	221	Tyler	97	53	69	72	65
Jefferson	292	320	342	313	247	Upshur	201	184	189	175	199
Kanawha	1,649	1,665	1,561	1,459	1,438	Wayne	245	230	208	221	224
Lewis	146	172	118	147	155	Webster	75	76	86	66	90
Lincoln	202	170	177	154	143	Wetzel	123	122	143	136	122
Logan	354	379	364	317	300	Wirt	46	35	37	56	40
McDowell	216	199	204	154	161	Wood	887	819	736	775	734
Marion	462	487	447	457	415	Wyoming	236	237	192	173	180
Marshall	273	242	232	242	261						
Mason	237	216	223	216	184						
Mercer	451	482	465	434	506	Total	14,581	14,558	13,697	13,622	13,423
Mineral	188	187	161	166	153						
Mingo	245	294	263	289	257						

**Marriages by Age of Bride and Groom
West Virginia, 2005
Table 53**

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	1	1	0	0	0	0	0	0	0	0	2
15-19 Years	0	323	756	182	46	8	5	3	3	0	1	1,327
20-24 Years	0	100	1,815	1,312	383	116	34	14	9	3	3	3,789
25-29 Years	0	22	352	1,176	734	318	92	41	21	8	1	2,765
30-34 Years	0	3	88	315	514	336	187	68	28	10	5	1,554
35-39 Years	0	0	40	84	183	360	268	161	74	28	10	1,208
40-44 Years	0	0	9	16	69	158	270	215	118	73	20	948
45-49 Years	0	0	2	6	27	60	115	227	165	87	53	742
50-54 Years	0	0	0	1	7	16	37	80	126	106	62	435
55-59 Years	0	0	1	0	2	4	11	21	43	81	119	282
60 & Over Years	0	0	0	0	1	2	6	7	20	31	304	371
Total	0	449	3,064	3,092	1,966	1,378	1,025	837	607	427	578	13,423

West Virginia Bureau for Public Health
Health Statistics Center, 2007

**Marriages by Previous Marital Status
West Virginia, 2005
Table 54**

Bride	Groom					Total
	Never Married	Widowed	Divorced	Annulled	Not Stated	
Never Married	6,288	45	1,449	13	0	7,795
Widowed	50	178	235	1	0	464
Divorced	1,513	198	3,405	13	0	5,129
Annulled	12	2	17	4	0	35
Not Stated	0	0	0	0	0	0
Total	7,863	423	5,106	31	0	13,423

**Marriages by Number of Previous Marriages
West Virginia, 2005
Table 55**

Bride	Groom						Total
	Never Married	One Previous Marriage	Two Previous Marriages	Three Previous Marriages	Four or More Previous Marriages	Not Stated	
Never Married	6,288	1,206	249	46	6	0	7,795
One Previous Marriage	1,259	1,874	546	116	39	0	3,834
Two Previous Marriages	255	603	328	86	29	0	1,301
Three Previous Marriages	44	167	94	44	14	0	363
Four or More Previous Marriages	17	60	33	14	6	0	130
Not Stated	0	0	0	0	0	0	0
Total	7,863	3,910	1,250	306	94	0	13,423

**Divorces and Annulments by County of Occurrence
West Virginia, 2005
Table 56**

County	Number of Divorces	Number of Annulments	Total	County	Number of Divorces	Number of Annulments	Total
Barbour	77	0	77	Monongalia	293	0	293
Berkeley	474	2	476	Monroe	90	3	93
Boone	179	2	181	Morgan	75	1	76
Braxton	87	0	87	Nicholas	194	0	194
Brooke	108	0	108	Ohio	140	0	140
Cabell	511	4	515	Pendleton	27	0	27
Calhoun	46	0	46	Pleasants	31	0	31
Clay	69	0	69	Pocahontas	54	0	54
Doddridge	26	0	26	Preston	124	1	125
Fayette	286	0	286	Putnam	300	0	300
Gilmer	27	0	27	Raleigh	425	3	428
Grant	60	0	60	Randolph	140	1	141
Greenbrier	144	0	144	Ritchie	66	0	66
Hampshire	104	0	104	Roane	97	0	97
Hancock	114	0	114	Summers	69	0	69
Hardy	73	0	73	Taylor	72	0	72
Harrison	294	0	294	Tucker	41	0	41
Jackson	167	0	167	Tyler	48	1	49
Jefferson	230	1	231	Upshur	138	0	138
Kanawha	913	0	913	Wayne	276	2	278
Lewis	99	0	99	Webster	74	0	74
Lincoln	121	0	121	Wetzel	74	1	75
Logan	183	0	183	Wirt	26	0	26
McDowell	121	0	121	Wood	480	4	484
Marion	224	1	225	Wyoming	158	2	160
Marshall	139	0	139				
Mason	157	1	158				
Mercer	343	2	345	Total	9,236	33	9,269
Mineral	104	1	105				
Mingo	244	0	244				

**Divorces and Annulments by County of Occurrence
West Virginia, 2001-2005
Table 57**

County	2001	2002	2003	2004	2005	County	2001	2002	2003	2004	2005
Barbour	166	81	58	66	77	Monongalia	260	222	243	265	293
Berkeley	209	365	409	489	476	Monroe	63	86	92	81	93
Boone	172	151	148	161	181	Morgan	64	110	68	79	76
Braxton	64	74	64	81	87	Nicholas	155	141	148	162	194
Brooke	102	101	98	75	108	Ohio	170	144	118	53	140
Cabell	564	566	546	478	515	Pendleton	41	27	50	27	27
Calhoun	53	53	49	35	46	Pleasants	64	46	45	36	31
Clay	49	52	81	62	69	Pocahontas	48	58	53	49	54
Doddridge	68	40	34	37	26	Preston	108	120	134	149	125
Fayette	265	242	270	250	286	Putnam	275	335	319	373	300
Gilmer	17	22	36	33	27	Raleigh	454	428	439	431	428
Grant	39	67	51	67	60	Randolph	168	138	128	158	141
Greenbrier	226	209	222	215	144	Ritchie	65	69	65	56	66
Hampshire	131	116	99	110	104	Roane	82	93	101	99	97
Hancock	134	127	160	127	114	Summers	84	67	72	73	69
Hardy	79	79	73	64	73	Taylor	79	88	102	78	72
Harrison	307	281	281	292	294	Tucker	37	25	34	43	41
Jackson	133	161	122	173	167	Tyler	50	48	58	35	49
Jefferson	200	188	191	205	231	Upshur	105	141	137	123	138
Kanawha	985	949	888	801	913	Wayne	300	314	309	328	278
Lewis	80	107	115	78	99	Webster	48	53	69	31	74
Lincoln	166	126	135	122	121	Wetzel	73	92	110	76	75
Logan	246	251	198	252	183	Wirt	37	41	39	46	26
McDowell	172	168	145	119	121	Wood	463	455	488	475	484
Marion	263	244	231	254	225	Wyoming	156	166	148	133	160
Marshall	154	155	151	157	139						
Mason	122	164	155	166	158						
Mercer	419	353	374	389	345	Total	9,421	9,442	9,335	9,149	9,269
Mineral	127	147	135	132	105						
Mingo	256	296	247	200	244						

**Divorces and Annulments by Age of Husband and Wife
West Virginia, 2005
Table 58**

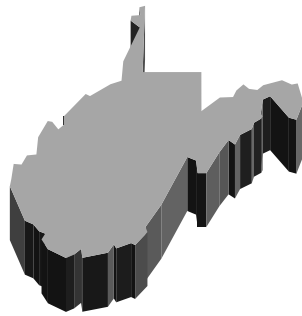
Age of Wife	Age of Husband												Total
	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60 & Over Years	Un-known	
10-14 Years	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19 Years	0	23	101	19	5	2	2	0	0	0	0	0	152
20-24 Years	0	13	454	450	135	50	16	2	6	0	1	6	1,133
25-29 Years	0	2	111	680	531	181	54	24	5	4	1	12	1,605
30-34 Years	0	1	29	138	610	474	172	54	34	14	6	11	1,543
35-39 Years	0	1	5	32	169	508	374	164	59	21	7	4	1,344
40-44 Years	0	1	2	19	62	166	399	320	117	64	16	8	1,174
45-49 Years	0	0	1	6	19	62	153	335	229	83	44	6	938
50-54 Years	0	0	0	3	8	18	49	100	193	121	66	4	562
55-59 Years	0	0	0	0	1	5	11	26	53	112	83	2	293
60 & Over Years	0	0	0	0	0	0	5	10	18	28	174	1	236
Unknown	0	0	8	19	22	20	25	15	11	6	12	151	289
Total	0	41	711	1,366	1,562	1,486	1,260	1,050	725	453	410	205	9,269

West Virginia Bureau for Public Health
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**Divorces and Annulments by Duration of Marriage and Number of Children
West Virginia, 2005
Table 59**

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	349	40	19	7	3	1	0	0	0	0	419
1 to 5	2,310	841	331	70	11	1	1	0	0	0	3,565
6 to 10	833	540	497	151	24	4	1	0	0	0	2,050
11 to 15	425	285	351	135	20	5	3	0	0	0	1,224
16 to 20	227	195	243	80	21	2	0	0	0	0	768
21 to 25	279	165	75	27	0	1	2	0	0	0	549
26 to 30	232	66	15	3	1	0	0	0	0	0	317
31 to 35	172	12	2	1	0	0	0	0	0	0	187
36 to 40	62	2	0	0	1	0	0	0	0	0	65
41 to 45	35	0	0	0	0	0	0	0	0	0	35
46 to 50	10	1	0	0	0	0	0	0	0	0	11
51 to 55	1	0	0	0	0	0	0	0	0	0	1
56 to 60	4	0	0	0	0	0	0	0	0	0	4
Over 60	0	0	0	0	0	0	0	0	0	0	0
Unknown	28	19	19	6	2	0	0	0	0	0	74
Total	4,967	2,166	1,552	480	83	14	7	0	0	0	9,269

West Virginia Bureau for Public Health
Health Statistics Center, 2007



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

**Induced Terminations of Pregnancy
By Age of Female and Weeks of Gestation
West Virginia Occurrence, 2005
Table 60**

Age of Female	Weeks of Gestation							Total
	Less than 9	9-10	11-12	13-15	16-19	20 or more	Unknown	
10-14	5	0	0	0	0	0	0	5
15-17	47	31	12	9	1	0	0	100
18-19	97	57	23	23	2	1	0	203
20-24	295	145	65	48	10	3	1	567
25-29	238	84	57	29	4	1	0	413
30-34	144	44	26	12	6	1	0	233
35-39	75	21	9	7	0	2	0	114
40-44	18	12	2	3	0	2	0	37
45+	0	0	0	0	0	0	0	0
Unknown	0	0	1	0	1	0	0	2
Total	919	394	195	131	24	10	1	1,674

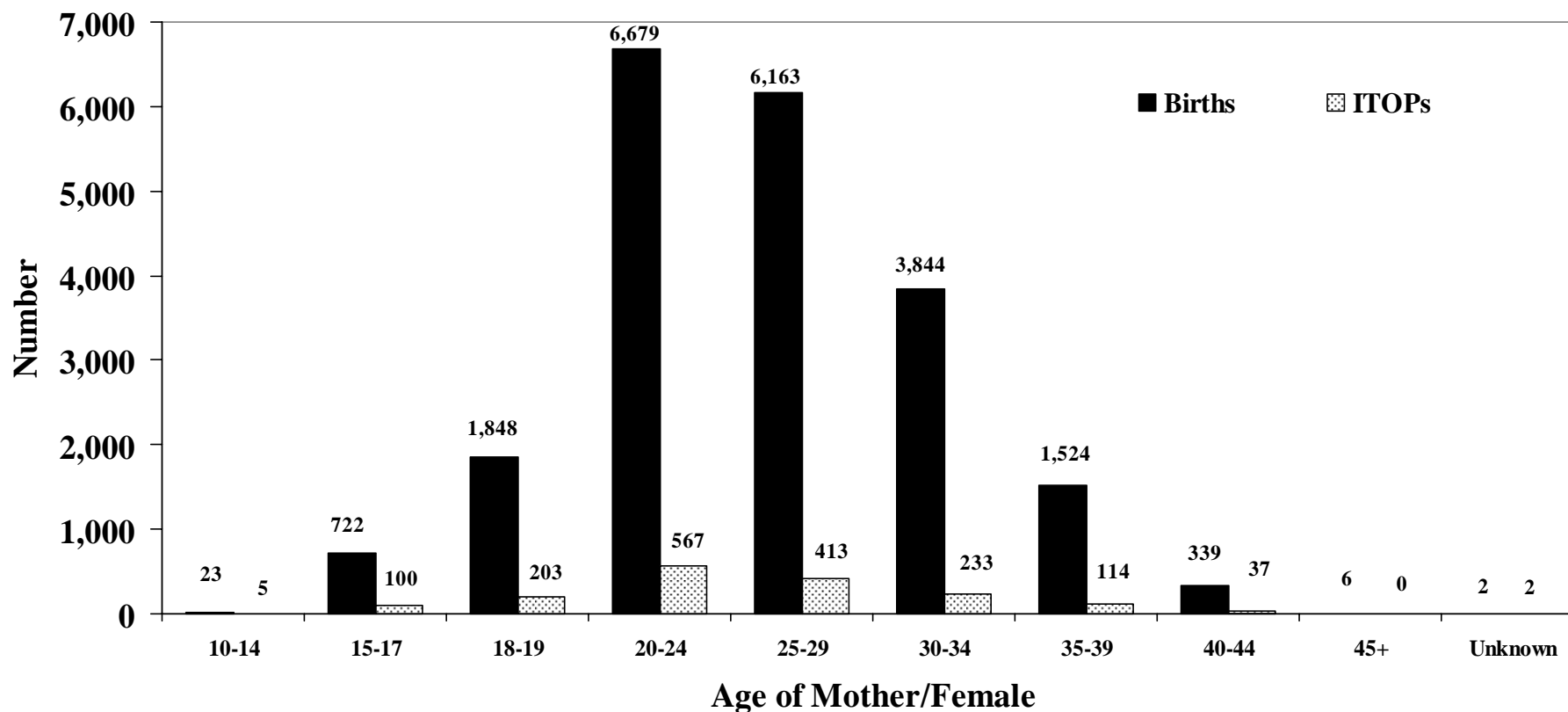
Gestational Age is calculated from the date of last menses EXCEPT when the date of last menses is unknown. The Physician's estimate of gestation is substituted if the calculation is not possible.
West Virginia Bureau for Public Health
Health Statistics Center, 2007

**Induced Termination of Pregnancy
By Age of Female and Marital Status
West Virginia Occurrence, 2005
Table 61**

Age of Female	Marital Status						Total
	Married	Never Married	Divorced	Separated	Widowed	Unknown	
10-14	0	5	0	0	0	0	5
15-17	7	93	0	0	0	0	100
18-19	9	190	0	1	0	3	203
20-24	63	481	5	4	0	14	567
25-29	89	290	15	10	1	8	413
30-34	63	145	15	5	1	4	233
35-39	44	60	4	2	0	4	114
40-44	14	12	7	3	1	0	37
45+	0	0	0	0	0	0	0
Unknown	0	2	0	0	0	0	2
Total	289	1,278	46	25	3	33	1,674

West Virginia Bureau for Public Health
Health Statistics Center, 2007

Live Births Compared to Induced Termination of Pregnancy (ITOP) by Age of Female West Virginia Occurrence, 2005 Exhibit 23



Note: Occurrence data only

West Virginia Bureau for Public Health
Health Statistics Center, 2007

**Induced Termination of Pregnancy
By Age of Female and Previous Live Births
West Virginia Occurrence, 2005
Table 62**

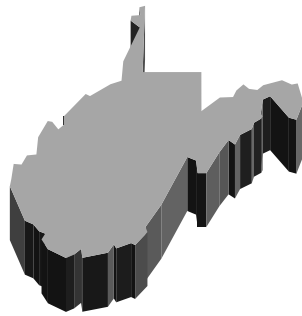
Age of Female	Previous Live Births						Total
	No Births	One	Two	Three	Four or More Births	Unknown	
10-14	5	0	0	0	0	0	5
15-17	89	9	1	1	0	0	100
18-19	165	32	5	1	0	0	203
20-24	216	223	93	27	8	0	567
25-29	88	158	107	45	15	0	413
30-34	29	70	88	32	14	0	233
35-39	19	48	26	16	5	0	114
40-44	6	10	11	6	4	0	37
45+	0	0	0	0	0	0	0
Unknown	2	0	0	0	0	0	2
Total	619	550	331	128	46	0	1,674

West Virginia Bureau for Public Health
Health Statistics Center, 2007

**Induced Termination of Pregnancy
By Age of Female and Number of Previous Induced Terminations
West Virginia Occurrence, 2005
Table 63**

Age of Female	Previous Induced Terminations						Total
	None	One	Two	Three	Four or More	Unknown	
10-14	5	0	0	0	0	0	5
15-17	91	7	0	2	0	0	100
18-19	176	22	5	0	0	0	203
20-24	394	132	29	10	2	0	567
25-29	252	111	31	10	9	0	413
30-34	127	62	32	7	5	0	233
35-39	71	28	10	5	0	0	114
40-44	24	8	3	1	1	0	37
45+	0	0	0	0	0	0	0
Unknown	2	0	0	0	0	0	2
Total	1,142	370	110	35	17	0	1,674

West Virginia Bureau for Public Health
Health Statistics Center, 2007



West Virginia Vital Statistics
Appendix A:
Certificates & Forms

WEST VIRGINIA DIVISION OF HEALTH
VITAL REGISTRATION
CHARLESTON, WV 25339-1012
CERTIFICATE OF LIVE BIRTH

BIRTH NUMBER

ID: _____

CHILD	1. CHILD'S NAME (First, Middle, Last)		2. DATE OF BIRTH (Month, Day, Year)		3. TIME OF BIRTH
	4. SEX	5. CITY, TOWN, OR LOCATION OF BIRTH		6. COUNTY OF BIRTH	
	7. PLACE OF BIRTH			8. FACILITY NAME (If not institution, give street and number)	
CERTIFIER/ ATTENDANT	9. I certify that this child was born alive at the place and time and on the date stated.			10. DATE SIGNED (Month, Day, Year)	
	11. ATTENDANT'S NAME AND TITLE (If other than certifier) (If yes, print) Signature _____			12. CERTIFIER'S NAME AND TITLE (type/print)	
MOTHER	13. ATTENDANT'S MAILING ADDRESS (Street and Number or Rural Route No. City or Town, State, Zip Code)			14. MAIDEN SURNAME	
	14. MOTHER'S NAME (First, Middle, Last)		15. DATE OF BIRTH (Month, Day, Year)		
	16. BIRTH PLACE (State or Foreign Country)	17a. RESIDENCE STATE	17b. COUNTY	17c. CITY, TOWN OR LOCATION	
FATHER	17d. STREET AND NUMBER		17e. INSIDE CITY LIMITS (Yes/No)	18. MOTHER'S MAILING ADDRESS (If same as residence enter zip code only)	
	19. FATHER'S NAME (First, Middle, Last)		20. DATE OF BIRTH (Month, Day, Year)		21. BIRTH PLACE (State or Foreign Country)
INFORMANT	22. I certify that the personal information provided on this certificate is correct to the best of my knowledge and belief. Signature _____				
	23. REGISTRAR'S SIGNATURE			24. DATE FILED BY REGISTRAR (Month, Day, Year)	

STATE COPY

----- ID: _____ INFORMATION FOR MEDICAL AND HEALTH USE ONLY -----

MOTHER	25a. Mother's Social Security No.		25b. Father's Social Security No.		25c. Do you have Social Security No. issued to your child? Yes/No		
	26a. Was HBV Given? Yes/No		26b. If yes, give date	27a. Was Serologic test for syphilis performed? Yes/No		27c. If no, state reason	
	27d. Name of serologic test		27e. At what laboratory?		27f. Was approved solution placed in eyes? Yes/No		
	28. OF HISPANIC ORIGIN (Specify no or yes. If yes specify Cuban, Mexican, Puerto Rican, etc.)			29. RACE - American Indian, Black, White, etc. (Specify below)		30. EDUCATION (Specify only highest grade completed) Elementary/Secondary (0-12) College (1-4 or 5+)	
	28a.		29a.		30a.		
	28b.		29b.		30b.		
	28c.		29c.		30c.		
	28d.		29d.		30d.		
	FATHER	31. PREGNANCY HISTORY (Complete Each Section)			33. MOTHER MARRIED? At birth, conception, or any time in between (Yes/No)		34. DATE LAST NORMAL MENSES BEGAN (Month, Day, Year)
		LIVE BIRTHS (Do not include this child)		OTHER TERMINATIONS (Spontaneous and induced at any time after conception)		35. MONTH OF PREGNANCY PRENATAL CARE BEGAN - First, Second, Third, etc (Specify)	
31a. Now Living		31b. Now Dead	32d.	36. PRENATAL VISITS - Total Number (if none, so state)			
32a. DATE OF LAST LIVE BIRTH (Month/Year)		32e. DATE OF LAST OTHER TERMINATION (Month/Year)		37. BIRTHWEIGHT (Specify Unit)			
32b.		32f.		38. CLINICAL ESTIMATE OF GESTATION (Weeks)			
32c.		32g.		39a. PLURALITY - Single, Twin, Triplet, etc. (Specify)			
32d.		32e.		39b. IF NOT SINGLE - Born First, Second, Third, etc. (Specify)			
40. APOGAR SCORE		41a. MOTHER TRANSFERRED PRIOR TO DELIVERY? If yes, enter name of facility transferred to:					
40a. 1 Minute		40b. 5 Minute	41d. INFANT TRANSFERRED? If yes, enter name of facility transferred to:				
42a. MEDICAL RISK FACTORS FOR THIS PREGNANCY (List all that apply) 00 - None 01 - Anemia 02 - Cardiac Disease 03 - Acute or Chronic Lung Disease 04 - Diabetes 05 - Genital Herpes 06 - Hydranms/Oligohydramnios 07 - Hemoglobinopathy 08 - Hypertension, chronic 09 - Hypertension, Pregnancy Associated 10 - Eclampsia 11 - Incompetent Cervix 12 - Previous Infant > 4000 grams 13 - Previous Preterm or Small for Gestational Age Infant 14 - Renal Disease 15 - Rheumatization 16 - Uterine Bleeding 17 - Other			44. COMPLICATIONS OF LABOR AND/OR DELIVERY (List all that apply) 00 - None 01 - Fibrils 02 - Meconium, moderate/heavy 03 - Premature rupture of membrane 04 - Abruptio placenta 05 - Placenta Previa 06 - Other excessive bleeding 07 - Seizures during labor 08 - Precipitous labor 09 - Prolonged labor 10 - Dysfunctional labor 11 - Breech / Malpresentation 12 - Cephalopelvic disproportion 13 - Cord prolapse 14 - Anesthetic complication 15 - Fetal distress 16 - Other		47. CONGENITAL ANOMALIES OF CHILD (List all that apply) 00 - None 01 - Anencephalus 02 - Spinal Bifida/Meningocele 03 - Hydrocephalus 04 - Microcephalus 05 - Other central nervous system 06 - Heart malformations 07 - Other circulatory / respiratory 08 - Rectal Atresia / Stenosis 09 - Tracheo esophageal fistula / 10 - Omphalocolle / Gastroschisis 11 - Other gastrointestinal anomalies 12 - Malformed genitalia 13 - Renal Agensis 14 - Other urogenital anomalies 15 - Cleft lip / palate 16 - Polydactyly / Syndactyly / Adactyly 17 - Club foot 18 - Diaphragmatic hernia 19 - Other musculoskeletal / 20 - Down's syndrome 21 - Other chromosomal anomalies 22 - Other		
42b. OTHER HISTORY FOR THIS PREGNANCY (Complete all items) Tobacco use during pregnancy Average number of cigarettes per day Alcohol use during pregnancy Average number of drinks per week Weight gained during pregnancy			45. METHOD OF DELIVERY (List all that apply) 01 - Vaginal 02 - Vaginal birth after previous C-section 03 - Primary C-section 04 - Repeat C-section 05 - Forceps 06 - Vacuum		46. CONDITIONS OF THE NEWBORN (List all that apply) 00 - None 01 - Anemia 02 - Birth injury 03 - Fetal alcohol syndrome 04 - Hyaline membrane disease / RDS 05 - Meconium aspiration syndrome 06 - Assisted ventilation < 30 minutes 07 - Assisted ventilation >= 30 minutes 08 - Seizures 09 - Other		
43. OBSTETRIC PROCEDURES (List all that apply) 00 - None 01 - Amniocentesis Fetal Monitoring 02 - Electronic Fetal Monitoring 03 - Induction of Labor 04 - Stimulation of Labor 05 - Tocolysis 06 - Ultrasound 07 - Other							

**WEST VIRGINIA DEPARTMENT OF HEALTH & HUMAN RESOURCES
BUREAU FOR PUBLIC HEALTH - VITAL REGISTRATION
PHYSICIANS / MEDICAL EXAMINER'S CERTIFICATE OF DEATH
ROOM 165, 350 CAPITOL STREET, CHARLESTON, WV 25301**

STATE FILE NUMBER

TYPE/PRINT IN PERMANENT BLACK INK	1 DECEDENT'S NAME (First, Middle, Last)		2 SEX	3 DATE OF DEATH (Month, Day, Year)		
	4 SOCIAL SECURITY NUMBER	5a AGE-Last Birthday (Years)	5b UNDER 1 YEAR Months Days	5c UNDER 1 DAY Hours Minutes	6 DATE OF BIRTH (Month, Day, Year)	
	8 WAS DECEDENT EVER IN U.S. ARMED FORCES? (Yes or no)		9a PLACE OF DEATH (Check only one - see instructions on other side)			
	9a FACILITY NAME (If not institution, give street and number)		9b CITY, TOWN, OR LOCATION OF DEATH		9c COUNTY OF DEATH	
	10 MARITAL STATUS—Married, Never Married, Widowed, Divorced (Specify)		11 SURVIVING SPOUSE (If wife, give maiden name)		12a DECEDENT'S USUAL OCCUPATION (Give kind of work done during most of working life. Do not use retired)	
	12b KIND OF BUSINESS/INDUSTRY		13a RESIDENCE—STATE		13b COUNTY	
	13c ZIP CODE		14 WAS DECEDENT OF HISPANIC ORIGIN? (Specify No or Yes—If yes, specify Cuban, Mexican, Puerto Rican, etc.) <input type="checkbox"/> No <input type="checkbox"/> Yes Specify		15 RACE—American Indian, Black, White, etc (Specify)	
16 DECEDENT'S EDUCATION (Specify only highest grade completed)		17 FATHER'S NAME (First, Middle, Last)		18 MOTHER'S NAME (First, Middle, Maiden Surname)		
NAME OF DECEDENT For use by Physician or institution	19a INFORMANT'S NAME (Type/Print)		19b MAILING ADDRESS (Street and Number or Rural Route Number, City or Town, State, Zip Code)			
	20a METHOD OF DISPOSITION <input type="checkbox"/> Burial <input type="checkbox"/> Cremation <input type="checkbox"/> Removal from State <input type="checkbox"/> Donation <input type="checkbox"/> Other (Specify)		20b PLACE OF DISPOSITION (Name of cemetery, crematory, or other place)		20c LOCATION—City or Town, State	
DECEDENT	21 SIGNATURE OF FUNERAL SERVICE LICENSEE OR PERSON ACTING AS SUCH		22 NAME AND ADDRESS OF FACILITY			
	23a To the best of my knowledge, death occurred at the time, date, and place stated		23b DATE SIGNED (Month, Day, Year)		23c SIGNATURE AND TITLE	
PARENTS	24 TIME OF DEATH		25 DATE PRONOUNCED DEAD (Month, Day, Year)		26 WAS CASE REFERRED TO MEDICAL EXAMINER/CORONER? (Yes or no)	
	27 PART I: Enter the diseases, injuries, or complications that caused the death. Do not enter mode of dying, such as "cardiac or respiratory arrest, shock, or heart failure. List only one cause on each line.		28a WAS AN AUTOPSY PERFORMED? (Yes or no)		28b WERE AUTOPSY FINDINGS AVAILABLE PRIOR TO COMPLETION OF CAUSE OF DEATH? (Yes or no)	
INFORMANT	IMMEDIATE CAUSE (Final disease or condition resulting in death)		a DUE TO (OR AS A CONSEQUENCE OF)		Approximate Interval Between Onset and Death	
	Sequentially list conditions, if any, leading to immediate cause. Enter UNDERLYING CAUSE (Disease or injury that initiated events resulting in death) LAST		b DUE TO (OR AS A CONSEQUENCE OF)			
DISPOSITION	PART II: Other significant conditions contributing to death but not resulting in the underlying cause given in Part I		c DUE TO (OR AS A CONSEQUENCE OF)			
	d DUE TO (OR AS A CONSEQUENCE OF)					
PRONOUNCING PHYSICIAN ONLY ITEMS 24-26 MUST BE COMPLETED BY PERSON WHO PRONOUNCES DEATH	29 MANNER OF DEATH <input type="checkbox"/> Natural <input type="checkbox"/> Pending Investigation <input type="checkbox"/> Accident <input type="checkbox"/> Could not be Determined <input type="checkbox"/> Suicide <input type="checkbox"/> Homicide		30a DATE OF INJURY (Month, Day, Year)		30b TIME OF INJURY	
	30c INJURY AT WORK? (Yes or No)		30d DESCRIBE HOW INJURY OCCURRED		30e PLACE OF INJURY - At home, farm, street, factory, office building, etc (Specify)	
CAUSE OF DEATH	30f LOCATION (Street and Number or Rural Route Number, City or Town, State)		31a CERTIFIER (Check only one)		31b SIGNATURE AND TITLE OF CERTIFIER	
	31c DATE SIGNED (Month, Day, Year)		32 NAME AND ADDRESS OF PERSON WHO COMPLETED CAUSE OF DEATH (ITEM 27) (Type/Print)		33 REGISTRAR'S SIGNATURE	
CERTIFIER	31d CERTIFYING PHYSICIAN (Physician certifying cause of death when another physician has pronounced death and completed item 23)		34 DATE FILED (Month, Day, Year)			
	31e PRONOUNCING AND CERTIFYING PHYSICIAN (Physician both pronouncing death and certifying to cause of death)					
REGISTRAR	31f MEDICAL EXAMINER/CORONER (On the basis of examination and/or investigation, in my opinion, death occurred at the time, date, and place and due to the cause(s) and manner as stated)					

Form VS-002 (Rev. 6/92)

STATE COPY

WEST VIRGINIA DEPARTMENT OF HEALTH - VITAL REGISTRATION OFFICE

REPORT OF FETAL DEATH

STATE FILE NUMBER

TYPE / PRINT IN PERMANENT BLACK INK FOR INSTRUCTIONS SEE HANDBOOK

Main form containing sections: 1. FACILITY NAME, 2. CITY, TOWN, OR LOCATION OF DELIVERY, 3. COUNTY OF DELIVERY, 4. DATE OF DELIVERY, 5. SEX OF FETUS, 6a. MOTHER'S NAME, 6b. MAIDEN SURNAME, 7. DATE OF BIRTH, 8a. RESIDENCE - STATE, 8b. COUNTY, 8c. CITY, TOWN, OR LOCATION, 8d. STREET AND NUMBER, 8e. INSIDE CITY LIMITS?, 8f. ZIP CODE, 9. FATHER'S NAME, 10. DATE OF BIRTH, 11. PART I. FETAL DEATH WAS CAUSED BY, 12. FETUS DIED BEFORE LABOR, 13a. AUTOPSY, 13b. IF YES, WERE FINDINGS CONSIDERED IN DETERMINING CAUSE OF DEATH?, 14. CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE STATED ABOVE AND THE FETUS WAS BORN DEAD, 14a. SIGNATURE, 14b. DATE SIGNED, 14c. ATTENDANT - M.D., D.O., C.N.M. OTHER MIDWIFE, Other: (Specify), 15. SIGNATURE, 16. AUTHORIZED OFFICIAL, 17a. FUNERAL HOME - NAME AND ADDRESS, 17b. FUNERAL DIRECTOR - SIGNATURE, 17c. REGISTRAR - SIGNATURE, 17d. DATE RECEIVED BY LOCAL REGISTRAR, 17e. MONTH, 17f. DAY, 17g. YEAR

PARENTS

CAUSE

CERTIFIER

BURIAL

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY

Confidential information form containing sections: 19. OF HISPANIC ORIGIN?, 20. RACE - American Indian, Black, White, etc., 21. EDUCATION, 22. OCCUPATION AND BUSINESS / INDUSTRY, 19a. No Yes, 19b. No Yes, 20a. No Yes, 20b. No Yes, 21a. Elementary / Secondary, 21b. College, 21c. No Yes, 21d. No Yes, 22a. Occupation, 22b. Business / Industry, 22c. No Yes, 22d. No Yes, 23. PREGNANCY HISTORY, 24. MOTHER MARRIED?, 25. DATE LAST NORMAL MENSES, 23a. Now Living, 23b. Now Dead, 23c. Do not include this fetus, 24a. No Yes, 25. No Yes, 26. MONTH OF PREGNANCY PRENATAL CARE/BEGAN, 27. PRENATAL VISITS - Total, 28. WEIGHT OF FETUS, 29. CLINICAL ESTIMATE OF GESTATION, 30a. PLURALITY - Single, Twin, Triplet, etc., 30b. IF NOT SINGLE BIRTH - Born, 31a. MEDICAL RISK FACTORS FOR THIS PREGNANCY, 32. OBSTETRIC PROCEDURES, 33. COMPLICATIONS OF LABOR AND/OR DELIVERY, 34. METHOD OF DELIVERY, 35. CONGENITAL ANOMALIES OF FETUS, 31b. OTHER RISK FACTORS FOR THIS PREGNANCY, 31a. Anemia, Cardiac disease, Acute or chronic lung disease, Diabetes, Genital herpes, Hydramnios / Oligohydramnios, Hemoglobinopathy, Hypertension, chronic, Hypertension, pregnancy-associated, Eclampsia, Incompetent cervix, Previous infant 4000 + grams, Previous preterm or small-for-gestational-age, Renal disease, Rh sensitization, Uterine bleeding, Other, 31b. Tobacco use, Alcohol use, Average number drinks per weeks, Weight gained, 32. Amniocentesis, Electronic fetal monitoring, Induction of labor, Stimulation of labor, Tocolytic, Ultrasound, Other, 33. Febrile, Meconium, Premature rupture of membrane, Abruptio placentae, Placenta previa, Other excessive bleeding, Seizures during labor, Precipitous labor, Prolonged labor, Dysfunctional labor, Breech / Malpresentation, Cephalopelvic disproportion, Cord prolapse, Anesthetic complications, Fetal distress, None, Other, 34. Vaginal, Vaginal birth after previous C-section, Primary C-section, Repeat C-section, Forceps, Vacuum, Hysterotomy / Hysterectomy, 35. Anencephalus, Spina bifida, Hydrocephalus, Microcephalus, Other central nervous system anomalies, Heart malformations, Other circulatory / respiratory anomalies, Rectal atresia, Tracheo esophageal fistula, Omphalocele, Other gastrointestinal anomalies, Malformed genitalia, Renal agenesis, Other urogenital anomalies, Cleft lip / palate, Polydactyly / Syndactyly / Adactyly, Club foot, Diaphragmatic hernia, Other musculoskeletal / integumental anomalies, Down's syndrome, Other chromosomal anomalies, None, Other

MOTHER

FATHER

MULTIPLE BIRTHS

LIVE BIRTH(S)

FETAL DEATH(S)

MEDICAL AND HEALTH INFORMATION

WEST VIRGINIA BUREAU FOR PUBLIC HEALTH - VITAL REGISTRATION
APPLICATION FOR MARRIAGE LICENSE

TYPE/PRINT
 IN
 PERMANENT
 BLACK INK
 FOR
 INSTRUCTIONS
 SEE
 HANDBOOK

License No. _____

Date License Issued _____

COUNTY: _____

STATE FILE NUMBER _____

GROOM

BRIDE

GROOM

BRIDE

1. GROOM'S NAME (First, Middle Last)		2. AGE LAST BIRTHDAY	
3a. RESIDENCE - CITY, TOWN, OR LOCATION		3b. COUNTY	
3c. STATE	4. BIRTHPLACE (State or Foreign Country)	5. DATE OF BIRTH (Month, Day, Year)	
6a. FATHER'S NAME (First, Middle Last)		6b. BIRTHPLACE (State or Foreign Country)	7a. MOTHER'S NAME (First, Middle, Maiden Surname)
		7b. BIRTHPLACE (State or Foreign Country)	
8. SOC. SEC. NO.	9. RELATIONSHIP TO BRIDE	10. EVIDENCE OF AGE	
		NONE <input type="checkbox"/>	
11a. BRIDE'S NAME (First, Middle, Last)		11b. MAIDEN SURNAME (if different)	12. AGE LAST BIRTHDAY
13a. RESIDENCE-CITY, TOWN, OR LOCATION		13b. COUNTY	
13c. STATE	14. BIRTHPLACE (State or Foreign Country)	15. DATE OF BIRTH (Month, Day, Year)	
16a. FATHER'S NAME (First, Middle, Last)		16b. BIRTHPLACE (State or Foreign Country)	17a. MOTHER'S NAME (First, Middle, Maiden Surname)
		17b. BIRTHPLACE (State or Foreign Country)	
18. SOC. SEC. NO.	19. RELATIONSHIP TO GROOM	20. EVIDENCE OF AGE	
		NONE <input type="checkbox"/>	
21. NUMBER OF THIS MARRIAGE - First, Second, etc. (Specify below)	22. IF PREVIOUSLY MARRIED, LAST MARRIAGE ENDED		23. RACE - American Indian, Black, White, etc. (Specify below)
	By Death, Divorce, Dissolution, or Annulment (Specify below)		
21a.	22a.	22b.	23a.
21b.	22c.	22d.	23b.
		24a.	24b.
		24c.	24d.
24. EDUCATION (Specify only highest grade completed) Elementary / Secondary (0-12) College (1-4 or 5+)			
Marriage is designed to be a loving and lifelong union between a woman and a man. The laws of this state affirm your right to enter into this marriage and to live within the marriage free from violence and abuse. Neither of you is the property of the other. Physical abuse, sexual abuse, battery and assault of a spouse or other family member, and other provisions of the criminal laws of this state are applicable to spouses and other family members and these violations are punishable by law.			
The applicant(s), being first duly sworn, declares that the statements above are true and correct.			
25. SIGNATURE OF GROOM		26. SIGNATURE OF BRIDE	
27. Taken, subscribed and sworn to before the undersigned authority by the applicant(s) above, this _____ day of _____ year _____			
_____ County Clerk By _____			
Deputy Clerk, County Court of _____ County, WV			
RECORD OF MARRIAGE			
28. DATE OF MARRIAGE	(Month) (Day) (Year)	29. COUNTY OF MARRIAGE	30. CITY OR TOWN OF MARRIAGE
31. OFFICIANT'S NAME		b. ADDRESS	
c. AUTHORIZED POSITION <input type="checkbox"/> RELIGIOUS OFFICIAL		<input type="checkbox"/> CIVIL OFFICIAL	
Specify Religious Body		Specify Authorized Position	
32. SIGNATURE OF COUNTY CLERK		33. DATE FILED (Month) (Day) (Year)	

Bride and groom must sign. →

To County Clerk:
 1. Transcribe information from marriage license, to Record of Marriage.
 2. Item 31: Enter date this record is completed.

FORM VS-008 (REV. 5 / 2000)

COUNTY COPY

WV BUREAU FOR PUBLIC HEALTH - VITAL REGISTRATION
 MONTHLY REPORT OF DIVORCES AND ANNULMENTS OF MARRIAGES GRANTED

MONTH _____ COUNTY OF _____

CIVIL ACTION NUMBER	HUSBAND'S FULL NAME		DATE OF BIRTH OR AGE AT DIVORCE	PLACE OF MARRIAGE		DATE OF MARRIAGE (MM/DD/YYYY)	PLAINTIFF SPECIFY H OR W	DIVORCE OR ANNULMENT SPECIFY D OR A	NAME(S) CHILDREN UNDER 18 YEARS	DATE OF DECREE (MM/DD/YYYY)	DO NOT WRITE IN THIS SPACE
	WIFE'S FULL MAIDEN NAME	COUNTY		STATE							
	(H)										
	(W)										
	(H)										
	(W)										
	(H)										
	(W)										
	(H)										
	(W)										
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	(H)										
	(W)										
	(H)										
	(W)										

VOID

VOID

DVS-3 REV 10-2008 SEE REVERSE SIDE FOR INSTRUCTIONS AND CERTIFICATION

TYPE/PRINT
IN
PERMANENT
BLACK INK

**Health Statistics Center
Bureau for Public Health
West Virginia Department of Health and Human Resources**

REPORT OF INDUCED TERMINATION OF PREGNANCY (ITOP)

STATE FILE NUMBER

Induced Termination of Pregnancy (ITOP) means the 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. This definition excludes management of products of conception following fetal death.

1. FACILITY NAME (If not clinic or hospital, give address also)		2. CITY, TOWN, OR LOCATION OF PREGNANCY TERMINATION		3. COUNTY OF PREGNANCY TERMINATION	
4. PATIENT'S ID	5. AGE	6. MARITAL STATUS <input type="checkbox"/> MARRIED <input type="checkbox"/> NEVER MARRIED <input type="checkbox"/> DIVORCED <input type="checkbox"/> SEPARATED <input type="checkbox"/> WIDOWED		7. DATE OF PREGNANCY TERMINATION	
8a. RESIDENCE-STATE		8b. COUNTY		month	day
9. OF HISPANIC ORIGIN? (Specify No or Yes - If yes, specify Cuban, Mexican, Puerto Rican, etc.) <input type="checkbox"/> NO <input type="checkbox"/> YES Specify:		10. RACE <input type="checkbox"/> American Indian <input type="checkbox"/> Black <input type="checkbox"/> White <input type="checkbox"/> Other (Specify) _____		11. EDUCATION (Specify only highest grade completion) Elementary/Secondary (0-12) College (1-4 or 5+)	
12. DATE LAST NORMAL MENSES BEGAN month day year		13. CLINICAL ESTIMATE OF GESTATION (Weeks)		14. PREVIOUS PREGNANCIES (Complete each section)	
				11a. Currently in School? <input type="checkbox"/> NO <input type="checkbox"/> YES	
				LIVE BIRTHS	
				OTHER TERMINATIONS	
		14a. Now Living		14b. Now Dead	
		14c. Spontaneous		14d. Induced (Do not include this termination)	
		Number <input type="checkbox"/> None		Number <input type="checkbox"/> None	
		Number _____		Number _____	
		<input type="checkbox"/> None		<input type="checkbox"/> None	
15. TYPE OF TERMINATION PROCEDURES					
15a. PROCEDURE THAT TERMINATED THE PREGNANCY (check only one)			15b. ADDITIONAL PROCEDURES USED FOR THIS TERMINATION, IF ANY (check all that apply)		
1 <input type="checkbox"/> Suction Curettage.....			1 <input type="checkbox"/>		
2 <input type="checkbox"/> Medical (Nonsurgical), Specify Medication(s) _____			2 <input type="checkbox"/>		
3 <input type="checkbox"/> Dilation and Evacuation (D&E).....			3 <input type="checkbox"/>		
4 <input type="checkbox"/> Intra-Uterine Instillation of Saline.....			4 <input type="checkbox"/>		
5 <input type="checkbox"/> Intra-Uterine Instillation of Prostaglandin.....			5 <input type="checkbox"/>		
6 <input type="checkbox"/> Sharp Curettage (D&C).....			6 <input type="checkbox"/>		
7 <input type="checkbox"/> Hysterectomy.....			7 <input type="checkbox"/>		
8 <input type="checkbox"/> Hysterotomy.....			8 <input type="checkbox"/>		
9 <input type="checkbox"/> Other (Specify) _____			9 <input type="checkbox"/>		
			None..... <input type="checkbox"/> 0		
15c. WAS THIS PROCEDURE PERFORMED BECAUSE OF A KNOWN FETAL GENETIC DEFECT? <input type="checkbox"/> UNK <input type="checkbox"/> NO <input type="checkbox"/> YES If yes, specify _____					
15d. WAS THIS AN EMERGENCY PROCEDURE PERFORMED BECAUSE OF AN IMMEDIATE THREAT OR GRAVE RISK TO THE HEALTH OF THE PATIENT? <input type="checkbox"/> NO <input type="checkbox"/> YES					
16. I HEREBY CERTIFY THAT THE ABOVE PATIENT WAS AFFORDED COUNSELING AND INFORMATIONAL GUIDANCE AS REQUIRED BY WV STATE CODE §16-2I-1 et seq. FOR ALL NON-EMERGENCY PROCEDURES					
17. NAME OF ATTENDING PHYSICIAN (Type/Print)			SIGNATURE OF ATTENDING PHYSICIAN (required)		
18. NAME OF PERSON COMPLETING THE REPORT (Type/Print)					

IF THE PATIENT IS AN UNEMANCIPATED MINOR, THE BACK OF THIS FORM MUST BE COMPLETED

Completed forms are due no later than the 10th of the month following the month the procedure was performed.

Mail to:
ATTN: Registrar's Office - ITOP
Vital Registration
PO Box 11012
Charleston, WV 25339-1012

VS-ITOP-09/2003

SUPPLEMENTAL FORM - UNEMANCIPATED MINORS

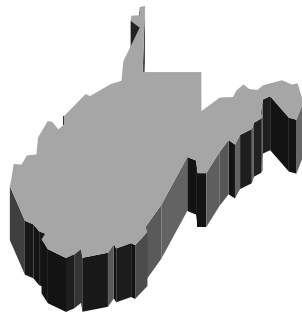
WV State Code § 16-2F-6 states, in part, that, "Any physician performing an abortion upon an unemancipated minor shall provide the department of health a written report of the procedure within thirty days after having performed the abortion." WV State Code § 16-2F-2 states, in part, that, "For purposes of this article, unless the context in which used clearly requires otherwise: (1) "Minor" means any person under the age of eighteen years who has not graduated from high school. (2) "Unemancipated minor" means any minor who is neither married nor who has been emancipated pursuant to applicable federal law or as provided by section twenty-seven [§ 49-7-27], article seven, chapter 49 of this Code."

1. Was minor accompanied by parent or guardian? NO YES

2. A. Date of minor patient's initial request for abortion _____
- B. Was notification of abortion request given to parent or guardian? NO YES
- C. If 2B was YES, how was notice given? In person? Telephone? Certified Letter?
- D. If 2B was NO, did parents waive acknowledgment? NO YES
- E. If 2D was YES, how did parents waive acknowledgment? In person? Telephone? Notarized Letter?
3. A. Was a request made by the minor to waive parental notification? NO YES
- B. If 3A was YES, to whom was the request for waiver made? Another Physician Court
- C. If 3A was YES, was the waiver granted? NO YES
- D. If 3C was YES, why was the waiver granted? (check all that apply)
 - Minor is mature enough to make decision independently. Notification would not be in minor's best interest.
- E. If 3C was NO, was the request for waiver appealed to a circuit court judge? NO YES
- F. If 3E was YES, was the waiver granted by a circuit court judge? NO YES
- G. If 3E was YES, why was the waiver granted by the circuit court judge? (check all that apply)
 - Minor is mature enough to make decision independently. Notification would not be in minor's best interest.
- H. If 3F was NO, was the request for waiver appealed to a supreme court justice? NO YES
- I. If 3H was YES, was the waiver granted by a supreme court justice? NO YES
- J. If 3H was YES, why was the waiver granted by a supreme court justice? (check all that apply)
 - Minor is mature enough to make decision independently. Notification would not be in minor's best interest.
4. A. By what agency or person was counseling and follow-up provided? _____
- B. What was the cost? _____
- C. Source of Payment Included in fee Self pay Medicaid Insurance
5. Please indicate complications of pregnancy termination (check all that apply)

<input type="checkbox"/> None	<input type="checkbox"/> Retained Products	<input type="checkbox"/> Twin Pregnancy
<input type="checkbox"/> Hemorrhage	<input type="checkbox"/> Uterine Perforation	<input type="checkbox"/> Anesthetic Problem
<input type="checkbox"/> Infection	<input type="checkbox"/> Cervical Laceration	<input type="checkbox"/> Death of Fetus In Utero

Other - specify _____
6. Physician's Signature (required) _____ Date _____

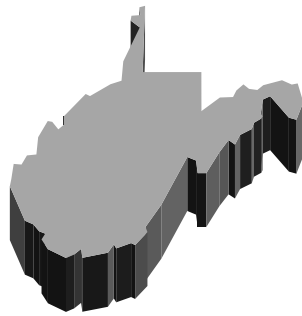


West Virginia Vital Statistics
Appendix B:
ICD-10 Codes

APPENDIX B

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
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 C:
HSC Statistical Briefs



HSC Statistical Brief



Asthma Among West Virginia Elderly Brief No. 17

Asthma is a disease of the lungs characterized by inflammation of the air passages. During an asthma episode or attack, airways become blocked or narrowed causing tightness in the chest, difficulty breathing, wheezing, and coughing. There are many “triggers” that may initiate an asthma episode, including allergens, irritants in the air, respiratory infections, exercise, weather, strong emotional expressions, and some medications (1). Asthma symptoms can be controlled through medication and avoidance of identified triggers. However, poor management of the disease can lead to hospitalization and even death.

Unlike other respiratory diseases that typically affect only older adults (e.g. emphysema and chronic lower respiratory disease), asthma affects people of all ages. However, older adults are more likely to experience certain negative health effects and complications related to asthma. In fact, they are more likely to be hospitalized and to die from asthma complications than younger people. In 2004, an estimated 2.7 million US adults and 28,000 West Virginia adults aged 65 and older had asthma (source: Behavioral Risk Factor Survey).

***In 2004, 2.7 million
US and 28,000 WV
adults aged 65 and
older had asthma.***

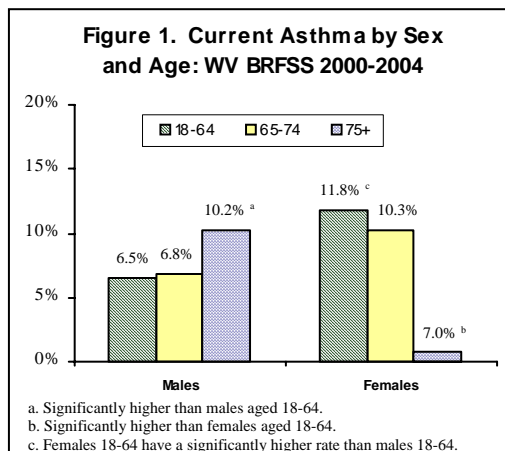
- Behavioral Risk Factor Survey

SURVEILLANCE. National and state data on asthma prevalence, hospitalizations, and mortality are collected annually. Since 1997, national data on the prevalence of asthma among adults have been collected primarily through the National Health Interview Survey. Hospitalizations are estimated by the National Hospital Discharge Survey and deaths are tracked by the National Vital Statistics System. In 2000, the West Virginia Behavioral Risk Factor Surveillance System (BRFSS) began collecting asthma prevalence data from West Virginia adults. Asthma hospitalizations are collected by the West Virginia Health Care Authority from all non-federal hospitals in the state. Asthma mortality data are collected from death certificates by the West Virginia Health Statistics Center.

During the period 2000-2004, West Virginia females had a significantly higher prevalence of current asthma than males. In fact, females reported a significantly higher prevalence than males at ages 25-34, 35-44, 45-54, and 55-64. Elderly females did not have a significantly higher prevalence of current asthma than elderly males (8.7% versus 8.0%) (see Table 1).

Overall, the prevalence of current asthma did not significantly differ by age among the elderly – 8.7% of West Virginia adults aged 65-74 had asthma, compared with 8.1% of those aged 75 and older.

However, the *with age among women, men were significantly more likely to have asthma at older ages* (see Figure 1). likelihood of having asthma differed by age for men and women. *Whereas the prevalence of asthma decreased*



PREVALENCE

In West Virginia, adults aged 65 and older are no more likely to have asthma than younger adults. *However, in 2004, the percentage of elderly adults with lifetime and current asthma was significantly higher in West Virginia than the nation as a whole.* Although West Virginia has historically reported a higher prevalence of asthma among the elderly than the United States, 2004 was the first year in which West Virginia's rates of elderly lifetime and current asthma were significantly higher.

In 2004, approximately 15% of West Virginia elderly had ever been diagnosed with asthma (see Table 1). More than 10% currently had asthma, compared with 7.4% of elderly in the United States. West Virginia had the second highest prevalence of current asthma among the elderly in the country^a (US range=3.3% to 10.5%). In 2004, more than 28,000 West Virginia adults aged 65 and older currently had asthma.

^a US total includes 49 states and the District of Columbia. Data not available for Hawaii. US territories excluded.

Table 1. Current and Lifetime Asthma Among Adults Aged 65 and Older: BRFSS 2000-2004

Year	CURRENT ASTHMA				LIFETIME ASTHMA			
	WV		US		WV		US	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
2000	7.8	5.2-10.3	6.6	6.1-7.0	9.4	6.7-12.1	8.6	8.1-9.1
2001	8.6	6.4-10.8	6.5	6.1-6.9	11.1	8.7-13.6	9.2	8.7-9.7
2002	7.4	5.4-9.4	7.1	6.7-7.6	9.9	7.7-12.1	10.0	9.4-10.5
2003	8.0	6.1-10.0	7.2	6.8-7.6	10.7	8.4-12.9	10.0	9.6-10.5
2004	10.3	8.0-12.6	7.4	7.1-7.8	15.1	12.4-17.8	10.9	10.5-11.4
2000-2004								
Total	8.4	7.4-9.4	na	na	11.2	10.1-12.3	na	Na
Males	8.0	6.4-9.7	na	na	10.3	8.5-12.1	na	Na
Females	8.7	7.5-9.9	na	na	11.9	10.5-13.3	na	Na

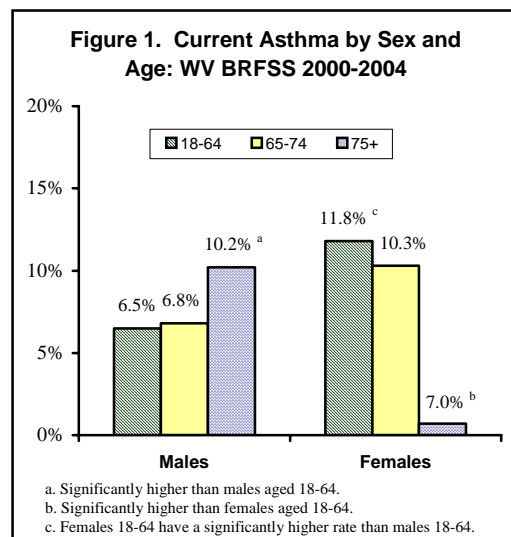
Lifetime asthma: Ever been diagnosed with asthma by a doctor, nurse, or other health professional.

Current asthma: Ever been diagnosed with asthma by a doctor, nurse, or other health professional and still have asthma.

US estimates for years 2000-2003 include 50 states and the District of Columbia. In 2004, data for Hawaii not available. US territories excluded.

During the period 2000-2004, West Virginia females had a significantly higher prevalence of current asthma than males. In fact, females reported a significantly higher prevalence than males at ages 25-34, 35-44, 45-54, and 55-64. Elderly females did not have a significantly higher prevalence of current asthma than elderly males (8.7% versus 8.0%) (see Table 1).

Overall, the prevalence of current asthma did not significantly differ by age among the elderly – 8.7% of West Virginia adults aged 65-74 had asthma, compared with 8.1% of those aged 75 and older. However, the likelihood of having asthma differed by age for men and women. *Whereas the prevalence of asthma decreased with age among women, men were significantly more likely to have asthma at older ages* (see Figure 1).

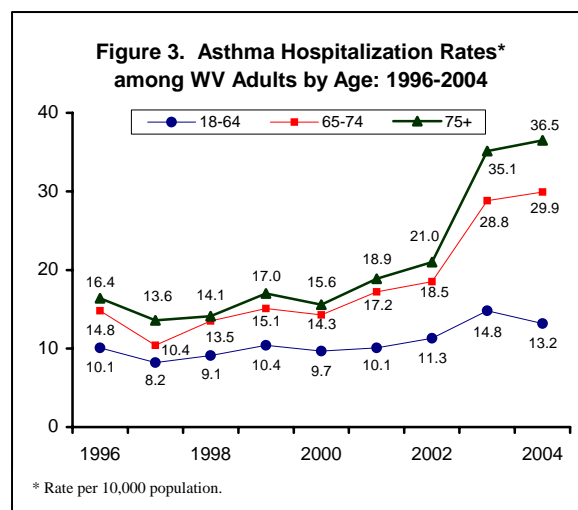
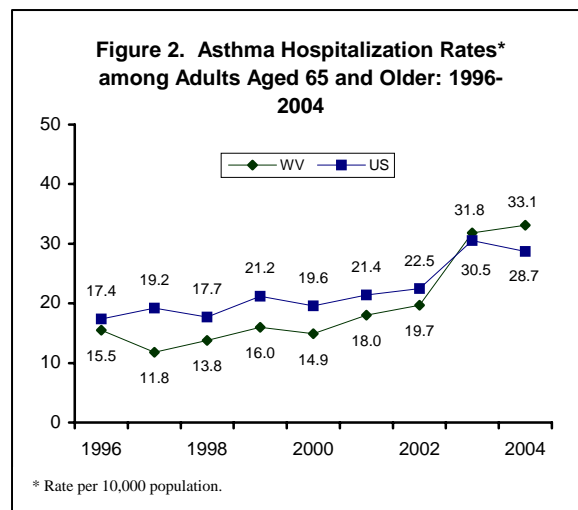


HOSPITALIZATIONS

According to the West Virginia Health Care Authority (WVHCA)^b, 3,202 hospitalizations with a primary diagnosis of asthma (ICD-9-CM 493) occurred among West Virginians (rate of 17.6 per 10,000) in 2004. More than one-fourth (28.8%) of these were among adults aged 65 and older (921 hospitalizations). In 2003 and 2004, West Virginia elderly had a higher rate of asthma hospitalizations than West Virginians aged 0-14, 15-44, and 45-64.

Asthma hospitalizations have increased among the elderly in both West Virginia and the United States over the past nine years (see Figure 2). *In fact, while the asthma hospitalization rate among younger West Virginians remained relatively stable between 1996 and 2004, the rate more than doubled among those aged 65 and older.* During this time, West Virginia experienced a greater increase than the United States in the elderly asthma hospitalization rate. *In 2004, adults aged 65 and older were hospitalized because of asthma complications at a rate of 33.1 per 10,000 in West Virginia, compared with 28.7 per 10,000 in the US.*

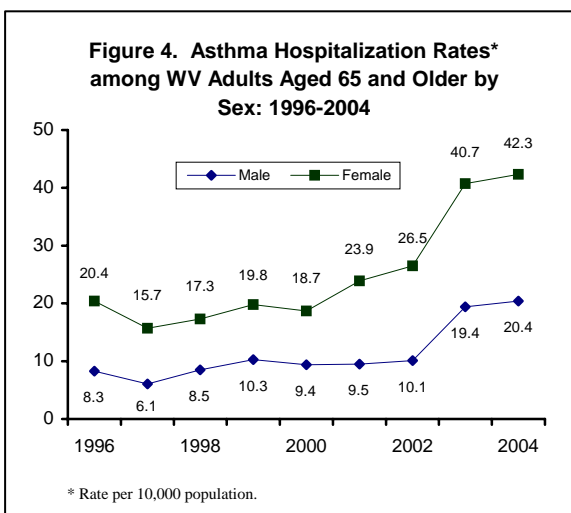
Asthma hospitalizations differ by age and sex among the elderly. Between 1996 and 2002, there was little difference in the asthma hospitalization rate among West Virginians aged 65-74 and those aged 75 and older (see Figure 3). However, in 2003, the rate among adults aged 75 and older increased sharply, surpassing the rate among those aged 65-74.



^b The WVHCA collects hospital discharge data from all non-federal licensed hospitals in the state. National hospital discharge rates are obtained from the National Hospital Discharge Survey annual summary publications.

In every year from 1996 to 2004, West Virginia females had a higher rate of asthma hospitalizations than males. The same was true among the elderly (see Figure 4). *In 2004, West Virginia females aged 65 and older were hospitalized because of asthma complications at a rate more than twice that of males (42.3 per 10,000 versus 20.4 per 10,000).* In addition, between 1996 and 2004, elderly females experienced a greater increase in the rate of asthma hospitalizations than elderly males.

When hospitalized with asthma complications in 2004, West Virginia elderly spent an average of five days in the hospital. Hospitalization charges averaged \$9,000 per stay and totaled nearly \$8.4 million.



MORTALITY

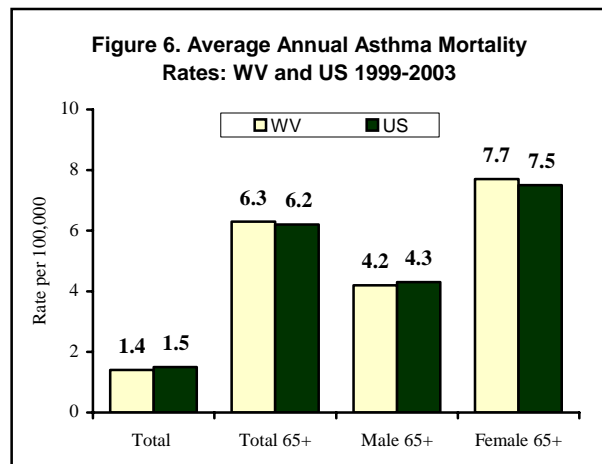
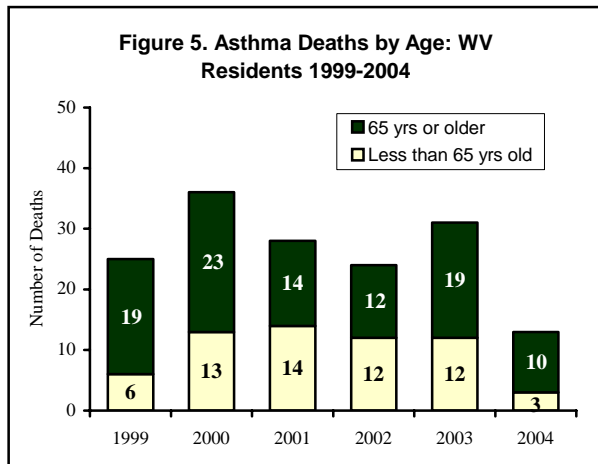
Nationally, asthma mortality has declined since 1999. In 2004, 3,780 people died of asthma in the United States (age-adjusted rate of 1.3 per 100,000) (2). Asthma mortality has fluctuated in West Virginia over the years. *Between 1999 and 2004, 157 West Virginians died of asthma, an average of 26 deaths per year* (average annual age-adjusted rate of 1.3 per 100,000) (ICD-10 J45-J46) (see Figure 5).

A majority of asthma deaths in West Virginia occur among the elderly. Between 1999 and 2004, 61.8% of asthma deaths in West Virginia were among adults aged 65 and older (see Figure 5). In the United States, 47.7% (1,955) of the 4,099 asthma deaths in 2003^c were among the elderly (3).

The asthma mortality rate among WV elderly declined from an average annual rate of 6.7 per 100,000 in the years 1999-2001 to 4.9 per 100,000 in the period 2002-2004. The decline is mostly explained by the low number of deaths in 2004. Unfortunately, there does not appear to be a declining trend. Preliminary West Virginia vital statistics data indicate that 30 West Virginians died of asthma in 2005.

Females are more likely to die of asthma complications than males in both West Virginia and the United States. 70.7% (111) of the 157 WV elderly asthma deaths in 1999-2004 were among females. *The 1999-2003 average annual asthma mortality rate among West Virginia elderly was 4.2 per 100,000 for males compared with 7.7 per 100,000 for females* (see Figure 6). Elderly males and females in the United States have similar asthma mortality rates as those in WV (see Figure 6).

^c 2004 US deaths by age not yet available from the National Center for Health Statistics.



CONCLUSION

West Virginia adults aged 65 and older are significantly more likely to have asthma than those nationwide (10.3% versus 7.4% in 2004). In 2004, West Virginia had the second highest prevalence of asthma among the elderly in the country. This is the first time since West Virginia began collecting asthma data in 2000 that the prevalence of asthma among the elderly was significantly higher in West Virginia than the United States as a whole.

In addition, in 2003 and 2004, the rate of asthma hospitalizations among adults aged 65 and older was higher in West Virginia than the United States. Despite an increase in the asthma prevalence and hospitalization rate, West Virginia elderly maintained a slightly lower rate of asthma mortality than elderly adults nationwide for the years 1999-2003.

Although in West Virginia the elderly are no more likely to have asthma than younger people, they are more likely to experience complications related to asthma, such as hospitalization and death. Elderly females have higher rates of asthma related hospitalizations and mortality than elderly males, although they do not have a higher prevalence of asthma. In 2004, the asthma hospitalization rate was more than two times higher among elderly females than males in West Virginia.

In 2004, the West Virginia Asthma Education and Prevention Program (WV-AEPP), housed within the Bureau for Public Health and funded by the Centers for Disease Control and Prevention, began implementing asthma interventions across the state. In collaboration with the American Lung Association of West Virginia, WV-AEPP formed the West Virginia Asthma Coalition (WVAC). WVAC comprises individuals and organizations interested in reducing the burden of asthma in the state. WVAC members meet multiple times a year to collaborate and work on projects aimed at ensuring quality health care, promoting healthy trigger-free environments, identifying and addressing needs of children with asthma, and distributing information about the disease. For additional information, visit the following websites.

WV-AEPP: <http://www.wvdhhr.org/bph/oehp/asthma/default.htm>

WVAC: http://www.alawv.org/WVAC_folder/WVAC.htm

METHODOLOGY NOTES

BRFSS Estimates and Confidence Intervals: Prevalence rates calculated from the Behavioral Risk Factor Survey are considered estimates since they are based on responses from a sample of the WV adult population, rather than all adults in the population. Confidence intervals are an indication of the reliability of an estimate. They represent the range of values among which the true value would be found. This brief presents 95% confidence intervals (95% CI), meaning that the true value would be within the given interval 95% of the time. Confidence intervals are derived from the survey procedures in SAS, a statistical software package.

Determining Significance: The term “significant” is used to describe estimates that are different. Statistically significant differences between groups must be determined using statistical tests such as a t-test or chi-squared test. Often when analyzing results of a survey with a large number of respondents, such as the BRFSS, statistical tests will indicate significant differences between groups even when there are only small differences in prevalence. Therefore, we use a more conservative method for determining significance that identifies meaningful differences for health promotion intervention. In this brief, when the confidence intervals for the two estimates do not overlap, the estimates are considered to be significantly different.

Calculating Rates: Hospitalization and mortality rates are calculated by dividing the number of cases by the number of people in the population. WV Population estimates are obtained from the US Census Bureau. Between each census, the Census Bureau annually updates population estimates for each year since the last census. The rates presented in this brief are dependent on the population estimates being used in the rate calculation. Using different population estimates may yield slightly different rates. WV Estimates for the years 1996-1999 are Census Bureau intercensal resident estimates released 6/23/03. Estimates for 2000-2004 are Census Bureau Vintage 2004 resident estimates released 8/11/05. US Estimates for the years 1999-2003 are National Center for Health Statistics (NCHS) Bridged Race resident estimates. 1999 estimates are intercensal estimates released in 2003. 2000-2004 estimates are Vintage 2004 estimates released 9/9/05.

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1. Asthma and Allergy Foundation of America. *Asthma Overview: What Causes Asthma*. Online. <http://www.aafa.org/display.cfm?id=8&cont=6>.
2. Minino, AM, Heron, MP, Smith, BL. *Deaths: Preliminary Data for 2004*. National vital statistics reports; vol 54 no 19. Hyattsville, MD: National Center for Health Statistics. 2006. (Table 2).
3. Hoyert, DL, Heron, MP, Murphy, SL, Hsiang-Ching K. *Deaths: Final Data for 2003*. National vital statistics reports; vol 54 no 13. Hyattsville, MD: National Center for Health Statistics. 2006. (Table 10).

ADDITIONAL RESOURCES

Behavioral Risk Factor Survey, 2000-2004. Sponsored by the Centers for Disease Control and Prevention. WV BRFSS conducted by the WV Health Statistics Center.

National Hospital Discharge Survey: Annual Summary with Detailed Diagnosis and Procedure Data. National Center for Health Statistics. (1996-2003). Online.
<http://www.cdc.gov/nchs/about/major/hdasd/nhds.htm>.

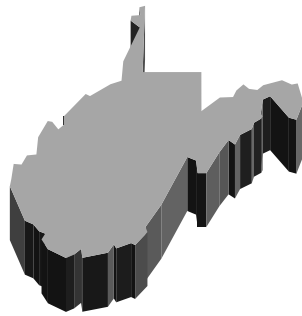
WV Vital Statistics Mortality Data. (1999-2004). WV Health Statistics Center.

National Vital Statistics Reports. Deaths: Final Data. National Center for Health Statistics. (1999-2003). Online. <http://www.cdc.gov/nchs/products/pubs/pubd/nvsr/54/54-pre.htm>.

National Center for Health Statistics Mortality Tables: Online.
<http://www.cdc.gov/nchs/datawh/statab/unpubd/mortabs.htm>.

Supported by the Cooperative Agreement number U59/CCU324180 from the Centers for Disease Control and Prevention. Its contents are solely the responsibility of the authors and do not necessarily represent the official views of the Centers for Disease Control and Prevention.

Produced in collaboration with the West Virginia Asthma Coalition.



West Virginia Vital Statistics
Appendix D:
Grams Conversion

Appendix D

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

West Virginia Bureau for Public Health
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