



WEST VIRGINIA VITAL STATISTICS 2015

SIXTY-NINTH ANNUAL REPORT

WEST VIRGINIA VITAL STATISTICS 2015



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FOREWORD

The *West Virginia Vital Statistics 2015* publication provides an in-depth look at births, deaths, marriages and divorces that occurred among state residents in 2015. Beginning with the 2008 edition, state, county and city sections are presented separately. Please see the Table of Contents for further reference.

West Virginia had a natural decrease in population (excess of deaths over births) for the seventh year in a row. West Virginia dropped in overall population between 2014 and 2015, but 17 of the 55 counties gained population.

The number of total births decreased (20,303 to 19,778) from 2014 to 2015 marking the first time on record state births dropped below 20,000. The births to teenage mothers also decreased. Births to unmarried mothers dropped slightly in 2015 as more than two out of every five births continue to occur out of wedlock. Among the unmarried mothers giving birth in West Virginia, a father was established through a paternity affidavit in 71.1% of these births, decreasing from 71.8% in 2014.

Of the women who gave birth in 2015, 78.6% received prenatal care during the first trimester of pregnancy while 25.3% smoked during pregnancy. The percentage of low birthweight babies increased in 2015 going from 9.1% in 2014 to 9.6%. In 2015, 34.9% of all babies were delivered by Cesarean section.

The number of deaths increased by 479 in 2015. The average age at death for West Virginians was 69.3 for men and 75.2 for women. Cancer, which became the leading cause of death in West Virginia for the first time ever in 2013, heart disease, chronic lower respiratory disease and accidents were the four leading causes of death, accountable for 56.0% of all deaths in West Virginia. Motor vehicle traffic accident deaths decreased by 21 in 2015, from 325 to 304.

The infant death rate decreased marginally from 7.1 per 1,000 live births in 2014 to 7.0 in 2015. The majority (78.4%) of infant deaths was due to conditions originating in the perinatal period, congenital malformations and SIDS (Sudden Infant Death Syndrome). The fetal death ratio decreased from 4.3 per 1,000 live births in 2015 compared to 5.2 in 2014. Almost all (90.7%) of fetal deaths were due to conditions originating in the perinatal period.

Induced termination of pregnancy (ITOP) or induced abortion was added to this publication beginning in 2005. This section contains data of those terminations performed in West Virginia only. There were 1,516 ITOPs performed in the state in 2015 compared with 1,730 in 2014. In 2015, 48 of these procedures involved a minor under the age of 18 compared with 65 in 2014.

West Virginia law made allowance for same-sex marriages beginning in October 2014. However, overall marriages decreased for the fourth year in a row, from 12,356 in 2014 to 12,296. **Divorces data for 2015 is incomplete at this time and therefore will be temporarily omitted.**

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

Daniel M. Christy, MPA, Director
Health Statistics Center

2015 West Virginia and United States Vital Statistics Review

	West Virginia		United States***	
	Number	Rate*	Number	Rate*
Live Births	19,778	10.7	3,978,497	11.8
Deaths	22,643	12.3	2,712,630	8.4
Fetal Deaths	86	**4.3	N/A	N/A
Neonatal Deaths	85	**4.3	15,652	**3.9
Infant Deaths	139	**7.0	23,455	**5.9
Marriages	12,296	6.7	2,221,579	6.9
Divorces & Annulments	N/A	N/A	800,909	3.1
Natural Increase (Decrease)	(2,865)	(1.6)	1,265,867	3.4
Population (2015 Estimate)	1,844,128		321,418,820	

*Rates based on 2015 U.S. Census Bureau estimates.

www.census.gov/

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

***National Center for Health Statistics.

(Births) *National Vital Statistics Report*.

www.cdc.gov/nchs/data/nvsr/nvsr66/nvsr66_01.pdf

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

www.cdc.gov/nchs/data/nvsr/nvsr65/nvsr65_04.pdf

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

www.cdc.gov/nchs/data/dvs/national_marriage_divorce_rates_00-15.pdf

Note: U.S. divorces exclude data from California, Georgia, Hawaii, Indiana, and Minnesota.

Selected Records and Trivia West Virginia, 2015

Natality

Oldest Father: 69
 Youngest Father: 14
 Oldest Mother: 50
 Youngest Mother: 13
 Highest Live Birth Order: 14th Delivery – 13 siblings (brothers and sisters)
 Day Most Births Occurred: April 16 & August 12 (87)
 Day Fewest Births Occurred: July 4 (20)
 Number of Live Born Twins: 591
 Number of Live Born Triplets: 12
 Number of Live Born Quadruplets: 4

Most Popular Names for Babies

<u>Boys' Names</u>	<u>Number</u>	<u>Girls' Names</u>	<u>Number</u>
Noah	136	Emma	133
Liam	125	Ava	103
Mason	121	Olivia	100
Hunter	92	Harper	84
Wyatt	90	Sophia	79
Levi	88	Isabella	72
Landon	85	Paisley	72
Jackson	82	Addison	68
Grayson	81	Avery	68
(tie) Carter, Jaxon & James	80	Amelia	66

Mortality

Oldest Male Decedent: 103
 Oldest Female Decedent: 107
 Number of Male Decedents 100 Yrs. & Older: 22
 Number of Female Decedents 100 Yrs. & Older: 126
 Day Most Deaths Occurred: January 4 (96)
 Day Fewest Deaths Occurred: June 29 (34)

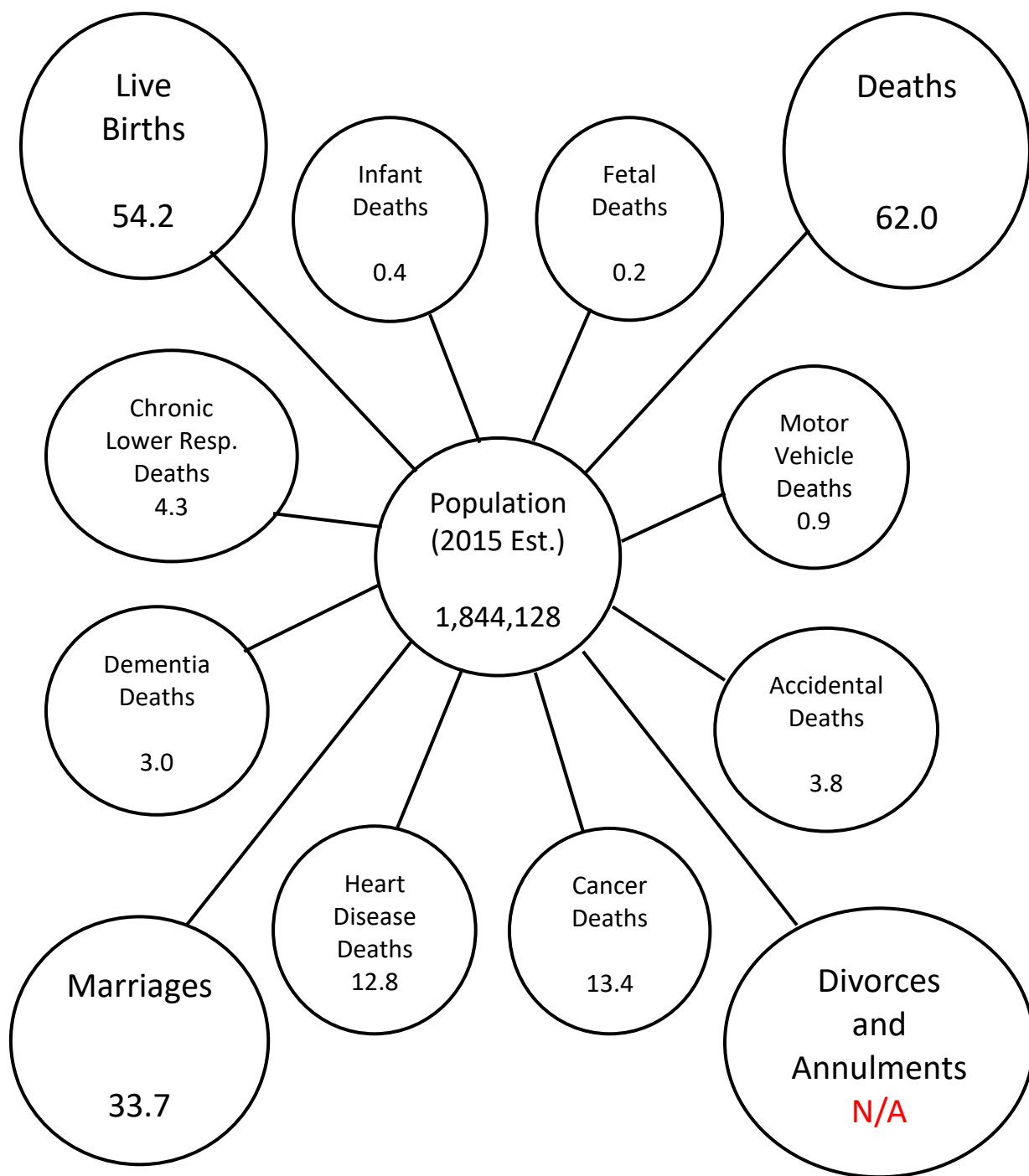
Marriage (Male-Female Marriages Only)

Oldest Groom: 95
 Youngest Groom: 16
 Oldest Bride: 87
 Youngest Bride: 14
 Largest Age Difference with Bride Older: 33 Years
 Largest Age Difference with Groom Older: 44 Years

Divorce (Incomplete)

Oldest Male Divorcé: 94
 Youngest Male Divorcé: 18
 Oldest Female Divorcée: 87
 Youngest Female Divorcée: 16
 Marriage of Longest Duration Ending in Divorce: 61 Years

Average Day Statistics West Virginia, 2015



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West Virginia Vital Statistics

Population

Population Summary

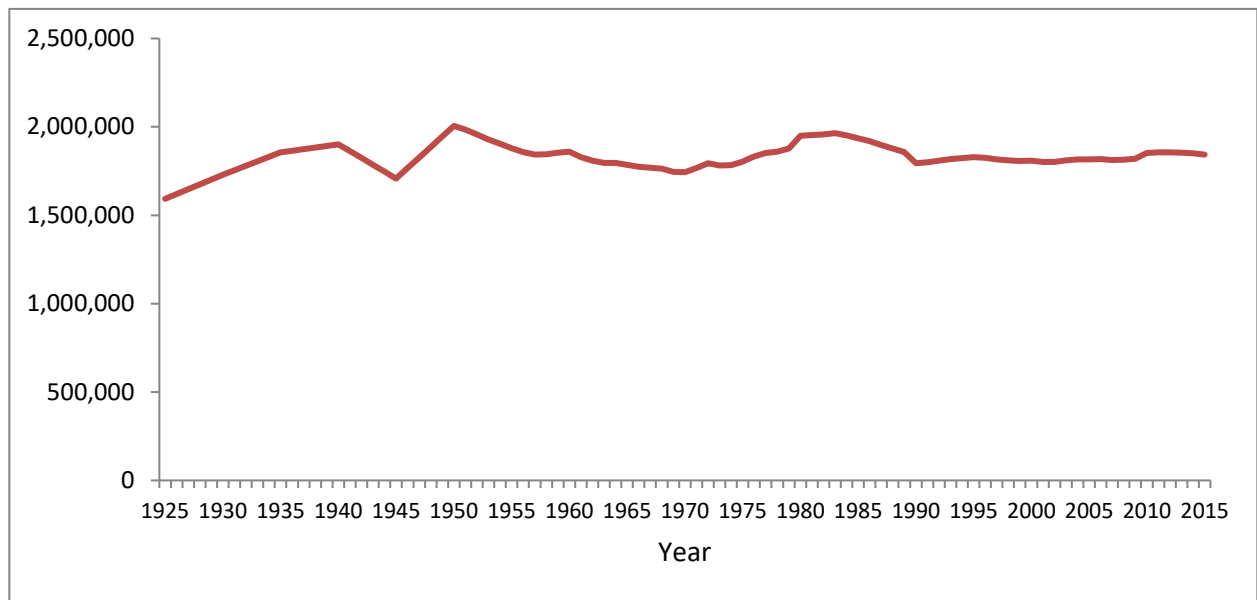
In 2015, 2,865 West Virginians were lost to the total population as a result of resident deaths exceeding resident births. The Census Bureau shows an overall decrease (approximately 0.5%) in the state's population since 2010, from 1,852,994 to 1,844,128. This decrease is the result of a mostly a natural decrease (excess of deaths over births) even though there has been a slight growth in the excess of in-migration over out-migration during that span.

Even though there has been a decrease in the overall population from 2010 to 2015, more than one-fourth (16) of the state's 55 counties have shown an increase. Furthermore, one-third (10) of the state's 30 largest cities have shown an increase in population since the 2010 Census.

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

West Virginia Population, 1925-2015

Exhibit 1



Year	Population	Change in Population	
		Years	Percentage Change
1925*	1,593,005		
1930	1,729,205	1925 to 1930	8.5%
1935*	1,856,354	1930 to 1935	7.4%
1940	1,901,974	1935 to 1940	2.5%
1945*	1,708,000	1940 to 1945	-10.2%
1950	2,005,552	1945 to 1950	17.4%
1955*	1,880,000	1950 to 1955	-6.3%
1960	1,860,421	1955 to 1960	-1.0%
1965*	1,786,000	1960 to 1965	-4.0%
1970	1,744,237	1965 to 1970	-2.3%
1975*	1,803,000	1970 to 1975	3.4%
1980	1,949,644	1975 to 1980	8.1%
1985*	1,936,000	1980 to 1985	-0.7%
1990	1,793,477	1985 to 1990	-7.4%
1995*	1,828,000	1990 to 1995	1.9%
2000	1,808,344	1995 to 2000	-1.1%
2005*	1,816,856	2000 to 2005	0.5%
2010	1,852,994	2005 to 2010	2.0%
2015*	1,844,128	2010 to 2015	-0.5%

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*Population Estimates
www.census.gov

West Virginia Population by County, 2014 and 2015

Table 1

County	2014	2015	County	2014	2015
Barbour	16,766	16,704	Monongalia	103,463	104,236
Berkeley	110,497	111,901	Monroe	13,582	13,506
Boone	23,714	23,372	Morgan	17,453	17,524
Braxton	14,463	14,415	Nicholas	25,827	25,594
Brooke	23,530	23,350	Ohio	43,328	43,066
Cabell	97,109	96,844	Pendleton	7,371	7,229
Calhoun	7,513	7,470	Pleasants	7,634	7,674
Clay	8,941	8,910	Pocahontas	8,662	8,607
Doddridge	8,391	8,176	Preston	33,788	33,940
Fayette	45,132	44,997	Putnam	56,770	56,848
Gilmer	8,618	8,518	Raleigh	78,241	77,510
Grant	11,687	11,766	Randolph	29,429	29,126
Greenbrier	35,450	35,516	Ritchie	10,011	9,982
Hampshire	23,483	23,353	Roane	14,664	14,435
Hancock	30,112	29,815	Summers	13,417	13,239
Hardy	13,923	13,852	Taylor	17,069	16,912
Harrison	68,761	68,714	Tucker	6,927	6,966
Jackson	29,126	29,237	Tyler	9,098	8,975
Jefferson	55,713	56,482	Upshur	24,731	24,758
Kanawha	190,223	188,332	Wayne	41,122	40,971
Lewis	16,414	16,448	Webster	8,834	8,755
Lincoln	21,561	21,415	Wetzel	15,988	15,816
Logan	35,348	34,707	Wirt	5,845	5,880
McDowell	20,448	19,835	Wood	86,237	86,452
Marion	56,803	56,925	Wyoming	22,598	22,151
Marshall	32,416	31,978			
Mason	27,016	27,037			
Mercer	61,785	61,164	WV Total	1,850,326	1,844,128
Mineral	27,578	27,451			
Mingo	25,716	25,292			

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West Virginia Population Characteristics, 2010 and 2015
Distribution by Gender, Age and Race
Table 2

Characteristic	2010 Census		2015 Estimate	
	Number	Percent	Number	Percent
<u>Total</u>	1,852,994	100.0%	1,844,128	100.0%
<u>Gender</u>				
Male	913,586	49.3%	911,060	49.4%
Female	939,408	50.7%	933,068	50.6%
<u>Age</u>				
Less than 5 Years	104,060	5.6%	103,410	5.6%
5-17 Years	283,358	15.3%	276,186	15.0%
18-44 Years	627,191	33.8%	611,626	33.2%
45-64 Years	540,981	29.2%	516,618	28.0%
65 Years and Older	297,404	16.0%	336,288	18.2%
<u>Race</u>				
White or Caucasian	1,739,988	93.9%	1,726,320	93.6%
Black or African American	63,124	3.4%	67,175	3.6%
Asian, Native Hawaiian and Other Pacific Islander	12,834	0.7%	16,084	0.9%
American Indian, Eskimo, Aleutian Islander and Alaska Native	3,787	0.2%	4,459	0.2%
All Other Races	33,261	1.8%	30,090	1.6%
<u>Hispanic Origin*</u>	22,268	1.2%	27,809	1.5%

*May be of any race

2010 and 2015 Census Source: www.census.gov

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Age Group Distribution by County
West Virginia Population 2015 Estimate
Table 3

Both Genders:

County	Less Than 5 Years	5-14 Years	15-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years	Total
Barbour	845	1,967	2,454	1,792	1,961	2,216	2,338	1,859	911	361	16,704
Berkeley	6,990	15,330	13,000	15,362	15,132	16,372	14,472	9,912	4,008	1,323	111,901
Boone	1,344	2,922	2,618	2,365	3,256	3,145	3,653	2,489	1,181	399	23,372
Braxton	801	1,579	1,532	1,553	1,675	2,004	2,251	1,819	878	323	14,415
Brooke	894	2,397	3,185	2,207	2,646	3,093	3,770	2,796	1,667	695	23,350
Cabell	5,873	10,522	16,367	12,030	11,429	11,437	12,430	9,388	5,135	2,233	96,844
Calhoun	397	824	708	764	839	1,108	1,229	957	453	191	7,470
Clay	552	1,134	952	884	1,088	1,216	1,363	1,015	517	189	8,910
Doddridge	318	806	1,043	911	1,070	1,262	1,301	904	437	124	8,176
Fayette	2,773	5,106	4,918	4,991	5,719	5,860	6,981	5,004	2,568	1,077	44,997
Gilmer	368	611	1,523	1,307	1,243	1,141	1,015	698	429	183	8,518
Grant	614	1,262	1,256	1,167	1,330	1,700	1,728	1,614	786	309	11,766
Greenbrier	1,887	3,838	3,875	3,906	3,923	4,826	5,472	4,542	2,320	927	35,516
Hampshire	1,086	2,611	2,637	2,373	2,747	3,542	3,607	3,040	1,283	427	23,353
Hancock	1,382	3,346	3,104	3,068	3,622	4,208	4,908	3,360	1,921	896	29,815
Hardy	702	1,586	1,458	1,461	1,706	2,026	2,063	1,739	827	284	13,852
Harrison	4,124	8,188	7,711	8,305	8,554	9,501	9,832	7,114	3,733	1,652	68,714
Jackson	1,627	3,554	3,342	3,178	3,561	4,041	4,319	3,054	1,938	623	29,237
Jefferson	3,161	7,573	7,172	6,552	7,287	8,808	7,726	5,255	2,163	785	56,482
Kanawha	10,750	21,132	21,270	22,892	23,257	24,814	29,042	19,998	10,705	4,472	188,332
Lewis	984	1,894	1,776	1,840	2,064	2,297	2,376	1,887	959	371	16,448
Lincoln	1,312	2,671	2,342	2,277	2,738	3,068	3,162	2,332	1,211	302	21,415
Logan	2,131	3,766	3,797	3,843	4,746	4,509	5,649	3,812	1,886	568	34,707
McDowell	1,290	2,158	2,104	2,055	2,445	2,633	3,399	2,226	1,078	447	19,835
Marion	3,406	6,223	8,398	6,451	6,892	7,157	7,917	5,944	3,071	1,466	56,925
Marshall	1,664	3,564	3,527	3,461	3,760	4,383	5,162	3,816	1,820	821	31,978
Mason	1,433	3,260	2,934	3,010	3,374	3,650	4,203	2,981	1,625	567	27,037
Mercer	3,854	6,723	7,299	7,046	7,297	7,603	9,044	7,129	3,612	1,557	61,164
Mineral	1,444	3,085	3,522	2,939	3,132	3,824	3,926	3,412	1,632	535	27,451
Mingo	1,587	3,123	2,745	2,938	3,312	3,554	3,954	2,604	1,109	366	25,292

DHHR, Bureau for Public Health

Source: www.census.gov

Health Statistics Center, Vital Statistics System 2017

Age Group Distribution by County
West Virginia Population 2015 Estimate
Table 3 (Cont'd)

Both Genders:

County	Less Than 5 Years	5-14 Years	15-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years	Total
Monongalia	5,398	8,841	25,537	18,615	12,078	11,062	11,192	6,828	3,166	1,519	104,236
Monroe	683	1,614	1,377	1,338	1,541	1,875	1,996	1,842	904	336	13,506
Morgan	736	1,839	1,880	1,683	2,018	2,670	2,877	2,273	1,179	369	17,524
Nicholas	1,438	2,956	2,736	2,757	3,084	3,475	4,014	3,112	1,528	494	25,594
Ohio	2,336	4,551	5,970	4,884	4,753	5,369	6,683	4,505	2,587	1,428	43,066
Pendleton	342	721	756	637	717	983	1,208	969	598	298	7,229
Pleasants	397	804	922	871	1,011	1,148	1,078	860	425	158	7,674
Pocahontas	465	795	802	898	951	1,223	1,476	1,208	607	182	8,607
Preston	1,759	3,670	3,636	4,561	4,501	4,805	4,975	3,601	1,759	673	33,940
Putnam	3,170	7,422	6,275	6,311	7,754	8,101	8,095	5,865	2,917	938	56,848
Raleigh	4,750	9,096	8,450	9,618	10,274	9,431	11,359	8,504	4,258	1,770	77,510
Randolph	1,533	3,033	3,447	3,470	3,408	4,018	4,243	3,560	1,686	728	29,126
Ritchie	473	1,190	1,074	993	1,165	1,458	1,597	1,195	616	221	9,982
Roane	803	1,731	1,532	1,399	1,800	1,969	2,323	1,712	856	310	14,435
Summers	532	1,355	1,244	1,445	1,736	1,861	2,187	1,667	857	355	13,239
Taylor	883	1,956	1,744	2,079	2,175	2,467	2,506	1,818	888	396	16,912
Tucker	326	633	792	691	779	1,038	1,087	965	497	158	6,966
Tyler	410	1,008	974	836	1,056	1,313	1,494	1,081	580	223	8,975
Upshur	1,348	2,918	3,595	2,772	2,761	3,230	3,459	2,780	1,441	454	24,758
Wayne	2,165	4,918	4,797	4,500	5,221	5,748	5,909	4,495	2,351	867	40,971
Webster	507	985	890	805	1,009	1,205	1,419	1,191	534	210	8,755
Wetzel	869	1,687	1,847	1,597	1,724	2,280	2,364	1,935	1,143	370	15,816
Wirt	323	698	643	602	679	887	958	681	329	80	5,880
Wood	5,013	10,179	9,869	9,962	10,514	12,208	12,449	9,433	4,958	1,867	86,452
Wyoming	1,158	2,638	2,429	2,299	2,967	2,874	3,682	2,584	1,133	387	22,151
WV Total	103,410	209,993	231,787	218,551	227,481	247,696	268,922	197,364	99,660	39,264	1,844,128

DHHR, Bureau for Public Health

Source: www.census.gov

Health Statistics Center, Vital Statistics System 2017

Age Group Distribution by County
West Virginia Population 2015 Estimate
Table 3 (Cont'd)

Males:

County	Less Than 5 Years	5-14 Years	15-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years	Total
Barbour	430	1,019	1,205	857	960	1,096	1,152	914	434	118	8,185
Berkeley	3,599	7,787	6,506	7,485	7,477	8,129	7,182	4,778	1,839	519	55,301
Boone	700	1,510	1,391	1,175	1,619	1,566	1,750	1,235	507	143	11,596
Braxton	397	794	782	824	835	1,035	1,125	904	420	113	7,229
Brooke	484	1,249	1,630	1,142	1,326	1,550	1,832	1,315	722	211	11,461
Cabell	2,964	5,524	8,027	6,172	5,766	5,657	5,958	4,389	2,069	702	47,228
Calhoun	202	388	371	382	420	548	622	505	206	75	3,719
Clay	278	600	482	452	517	599	690	532	264	71	4,485
Doddridge	173	428	619	526	594	705	637	454	222	63	4,421
Fayette	1,460	2,634	2,675	2,637	2,994	2,995	3,499	2,418	1,053	346	22,711
Gilmer	179	306	882	976	868	733	545	343	189	65	5,086
Grant	299	653	663	598	663	836	868	792	385	95	5,852
Greenbrier	948	1,910	2,070	1,941	1,883	2,400	2,671	2,200	1,010	319	17,352
Hampshire	554	1,354	1,372	1,220	1,370	1,837	1,830	1,532	624	157	11,850
Hancock	669	1,717	1,602	1,506	1,810	2,069	2,375	1,613	779	292	14,432
Hardy	378	831	747	753	837	1,043	1,006	864	397	102	6,958
Harrison	2,101	4,242	3,894	4,099	4,305	4,700	4,865	3,319	1,545	538	33,608
Jackson	818	1,862	1,743	1,601	1,766	1,944	2,143	1,466	853	228	14,424
Jefferson	1,587	3,852	3,583	3,203	3,582	4,404	3,751	2,592	984	308	27,846
Kanawha	5,454	10,734	10,809	11,376	11,514	12,087	13,783	9,213	4,274	1,552	90,796
Lewis	484	955	926	892	1,092	1,141	1,178	914	432	143	8,157
Lincoln	654	1,390	1,192	1,142	1,351	1,582	1,521	1,168	567	107	10,674
Logan	1,107	1,948	1,928	2,008	2,426	2,199	2,771	1,823	733	233	17,176
McDowell	653	1,082	1,083	1,020	1,233	1,242	1,640	1,142	437	141	9,673
Marion	1,674	3,202	4,289	3,266	3,442	3,564	3,967	2,777	1,318	507	28,006
Marshall	909	1,778	1,789	1,784	1,926	2,158	2,540	1,809	750	296	15,739
Mason	748	1,651	1,501	1,358	1,610	1,767	2,024	1,441	692	209	13,001
Mercer	1,973	3,410	3,704	3,388	3,565	3,703	4,158	3,355	1,518	466	29,240
Mineral	716	1,656	1,853	1,496	1,586	1,904	1,845	1,646	739	208	13,649
Mingo	831	1,615	1,409	1,405	1,642	1,763	1,891	1,303	476	136	12,471

DHHR, Bureau for Public Health

Source: www.census.gov

Health Statistics Center, Vital Statistics System 2017

Age Group Distribution by County
West Virginia Population 2015 Estimate
Table 3 (Cont'd)

Males:

County	Less Than 5 Years	5-14 Years	15-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years	Total
Monongalia	2,740	4,538	13,322	10,232	6,508	5,603	5,535	3,323	1,368	489	53,658
Monroe	332	825	713	674	766	926	983	907	428	133	6,687
Morgan	354	943	958	856	1,004	1,368	1,408	1,102	547	155	8,695
Nicholas	746	1,536	1,406	1,390	1,503	1,691	1,947	1,555	700	169	12,643
Ohio	1,163	2,319	2,933	2,501	2,366	2,609	3,220	2,122	1,013	422	20,668
Pendleton	174	382	406	323	391	499	603	479	293	135	3,685
Pleasants	211	419	530	519	573	646	549	447	185	57	4,136
Pocahontas	249	398	418	489	508	642	758	626	299	52	4,439
Preston	911	1,877	1,864	2,546	2,469	2,549	2,478	1,807	797	246	17,544
Putnam	1,699	3,777	3,236	3,136	3,776	3,998	3,966	2,807	1,261	333	27,989
Raleigh	2,390	4,642	4,436	5,129	5,373	4,806	5,542	4,081	1,817	581	38,797
Randolph	785	1,584	1,875	1,975	1,826	2,119	2,103	1,756	778	247	15,048
Ritchie	219	602	549	501	575	753	819	581	289	73	4,961
Roane	410	885	802	705	885	974	1,168	857	390	93	7,169
Summers	256	690	597	530	731	789	1,055	823	364	140	5,975
Taylor	453	1,030	903	1,102	1,117	1,287	1,234	914	380	138	8,558
Tucker	175	337	422	346	398	513	549	477	251	64	3,532
Tyler	207	510	457	442	515	681	739	549	239	100	4,439
Upshur	713	1,470	1,726	1,384	1,430	1,607	1,715	1,376	677	162	12,260
Wayne	1,100	2,527	2,420	2,181	2,538	2,776	2,882	2,152	1,081	306	19,963
Webster	252	501	469	400	486	606	697	605	233	78	4,327
Wetzel	435	854	973	820	859	1,124	1,176	908	533	121	7,803
Wirt	161	385	311	290	329	429	501	361	164	31	2,962
Wood	2,588	5,195	4,908	4,850	5,222	6,007	5,965	4,439	2,109	585	41,868
Wyoming	585	1,311	1,245	1,134	1,479	1,386	1,835	1,305	501	147	10,928
WV Total	52,731	107,618	118,606	111,139	114,606	123,344	131,246	95,115	43,135	13,520	911,060

DHHR, Bureau for Public Health

Source: www.census.gov

Health Statistics Center, Vital Statistics System 2017

Age Group Distribution by County
West Virginia Population 2015 Estimate
Table 3 (Cont'd)

Females:

County	Less Than 5 Years	5-14 Years	15-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years	Total
Barbour	415	948	1,249	935	1,001	1,120	1,186	945	477	243	8,519
Berkeley	3,391	7,543	6,494	7,877	7,655	8,243	7,290	5,134	2,169	804	56,600
Boone	644	1,412	1,227	1,190	1,637	1,579	1,903	1,254	674	256	11,776
Braxton	404	785	750	729	840	969	1,126	915	458	210	7,186
Brooke	410	1,148	1,555	1,065	1,320	1,543	1,938	1,481	945	484	11,889
Cabell	2,909	4,998	8,340	5,858	5,663	5,780	6,472	4,999	3,066	1,531	49,616
Calhoun	195	436	337	382	419	560	607	452	247	116	3,751
Clay	274	534	470	432	571	617	673	483	253	118	4,425
Doddridge	145	378	424	385	476	557	664	450	215	61	3,755
Fayette	1,313	2,472	2,243	2,354	2,725	2,865	3,482	2,586	1,515	731	22,286
Gilmer	189	305	641	331	375	408	470	355	240	118	3,432
Grant	315	609	593	569	667	864	860	822	401	214	5,914
Greenbrier	939	1,928	1,805	1,965	2,040	2,426	2,801	2,342	1,310	608	18,164
Hampshire	532	1,257	1,265	1,153	1,377	1,705	1,777	1,508	659	270	11,503
Hancock	713	1,629	1,502	1,562	1,812	2,139	2,533	1,747	1,142	604	15,383
Hardy	324	755	711	708	869	983	1,057	875	430	182	6,894
Harrison	2,023	3,946	3,817	4,206	4,249	4,801	4,967	3,795	2,188	1,114	35,106
Jackson	809	1,692	1,599	1,577	1,795	2,097	2,176	1,588	1,085	395	14,813
Jefferson	1,574	3,721	3,589	3,349	3,705	4,404	3,975	2,663	1,179	477	28,636
Kanawha	5,296	10,398	10,461	11,516	11,743	12,727	15,259	10,785	6,431	2,920	97,536
Lewis	500	939	850	948	972	1,156	1,198	973	527	228	8,291
Lincoln	658	1,281	1,150	1,135	1,387	1,486	1,641	1,164	644	195	10,741
Logan	1,024	1,818	1,869	1,835	2,320	2,310	2,878	1,989	1,153	335	17,531
McDowell	637	1,076	1,021	1,035	1,212	1,391	1,759	1,084	641	306	10,162
Marion	1,732	3,021	4,109	3,185	3,450	3,593	3,950	3,167	1,753	959	28,919
Marshall	755	1,786	1,738	1,677	1,834	2,225	2,622	2,007	1,070	525	16,239
Mason	685	1,609	1,433	1,652	1,764	1,883	2,179	1,540	933	358	14,036
Mercer	1,881	3,313	3,595	3,658	3,732	3,900	4,886	3,774	2,094	1,091	31,924
Mineral	728	1,429	1,669	1,443	1,546	1,920	2,081	1,766	893	327	13,802
Mingo	756	1,508	1,336	1,533	1,670	1,791	2,063	1,301	633	230	12,821

DHHR, Bureau for Public Health

Source: www.census.gov

Health Statistics Center, Vital Statistics System 2017

Age Group Distribution by County
West Virginia Population 2015 Estimate
Table 3 (Cont'd)

Females:

County	Less Than 5 Years	5-14 Years	15-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years	Total
Monongalia	2,658	4,303	12,215	8,383	5,570	5,459	5,657	3,505	1,798	1,030	50,578
Monroe	351	789	664	664	775	949	1,013	935	476	203	6,819
Morgan	382	896	922	827	1,014	1,302	1,469	1,171	632	214	8,829
Nicholas	692	1,420	1,330	1,367	1,581	1,784	2,067	1,557	828	325	12,951
Ohio	1,173	2,232	3,037	2,383	2,387	2,760	3,463	2,383	1,574	1,006	22,398
Pendleton	168	339	350	314	326	484	605	490	305	163	3,544
Pleasants	186	385	392	352	438	502	529	413	240	101	3,538
Pocahontas	216	397	384	409	443	581	718	582	308	130	4,168
Preston	848	1,793	1,772	2,015	2,032	2,256	2,497	1,794	962	427	16,396
Putnam	1,471	3,645	3,039	3,175	3,978	4,103	4,129	3,058	1,656	605	28,859
Raleigh	2,360	4,454	4,014	4,489	4,901	4,625	5,817	4,423	2,441	1,189	38,713
Randolph	748	1,449	1,572	1,495	1,582	1,899	2,140	1,804	908	481	14,078
Ritchie	254	588	525	492	590	705	778	614	327	148	5,021
Roane	393	846	730	694	915	995	1,155	855	466	217	7,266
Summers	276	665	647	915	1,005	1,072	1,132	844	493	215	7,264
Taylor	430	926	841	977	1,058	1,180	1,272	904	508	258	8,354
Tucker	151	296	370	345	381	525	538	488	246	94	3,434
Tyler	203	498	517	394	541	632	755	532	341	123	4,536
Upshur	635	1,448	1,869	1,388	1,331	1,623	1,744	1,404	764	292	12,498
Wayne	1,065	2,391	2,377	2,319	2,683	2,972	3,027	2,343	1,270	561	21,008
Webster	255	484	421	405	523	599	722	586	301	132	4,428
Wetzel	434	833	874	777	865	1,156	1,188	1,027	610	249	8,013
Wirt	162	313	332	312	350	458	457	320	165	49	2,918
Wood	2,425	4,984	4,961	5,112	5,292	6,201	6,484	4,994	2,849	1,282	44,584
Wyoming	573	1,327	1,184	1,165	1,488	1,488	1,847	1,279	632	240	11,223
WV Total	50,679	102,375	113,181	107,412	112,875	124,352	137,676	102,249	56,525	25,744	933,068

DHHR, Bureau for Public Health

Source: www.census.gov

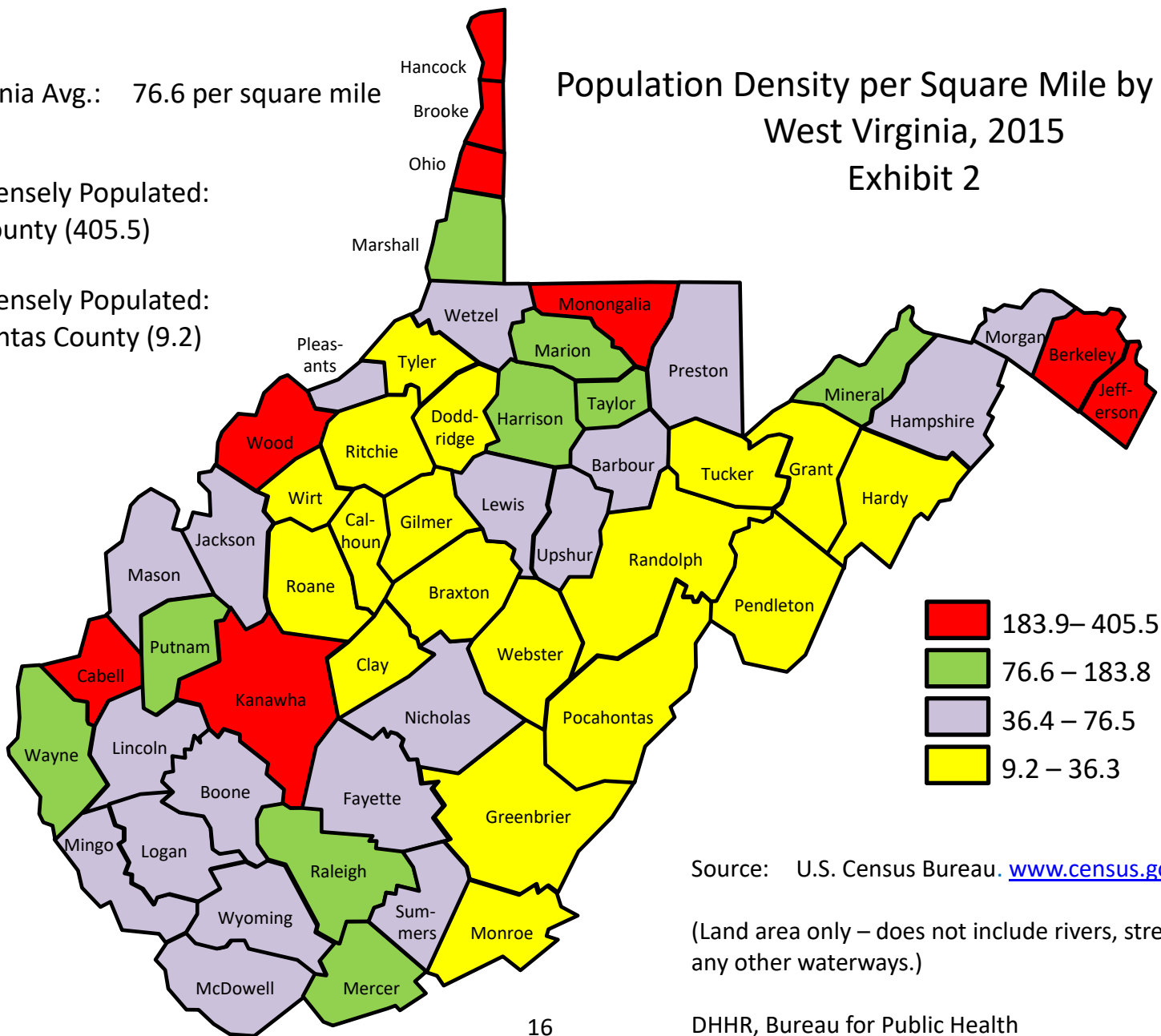
Health Statistics Center, Vital Statistics System 2017

West Virginia Avg.: 76.6 per square mile

Most Densely Populated:
Ohio County (405.5)

Least Densely Populated:
Pocahontas County (9.2)

Population Density per Square Mile by County West Virginia, 2015 Exhibit 2



Source: U.S. Census Bureau. www.census.gov/

(Land area only – does not include rivers, streams, or any other waterways.)

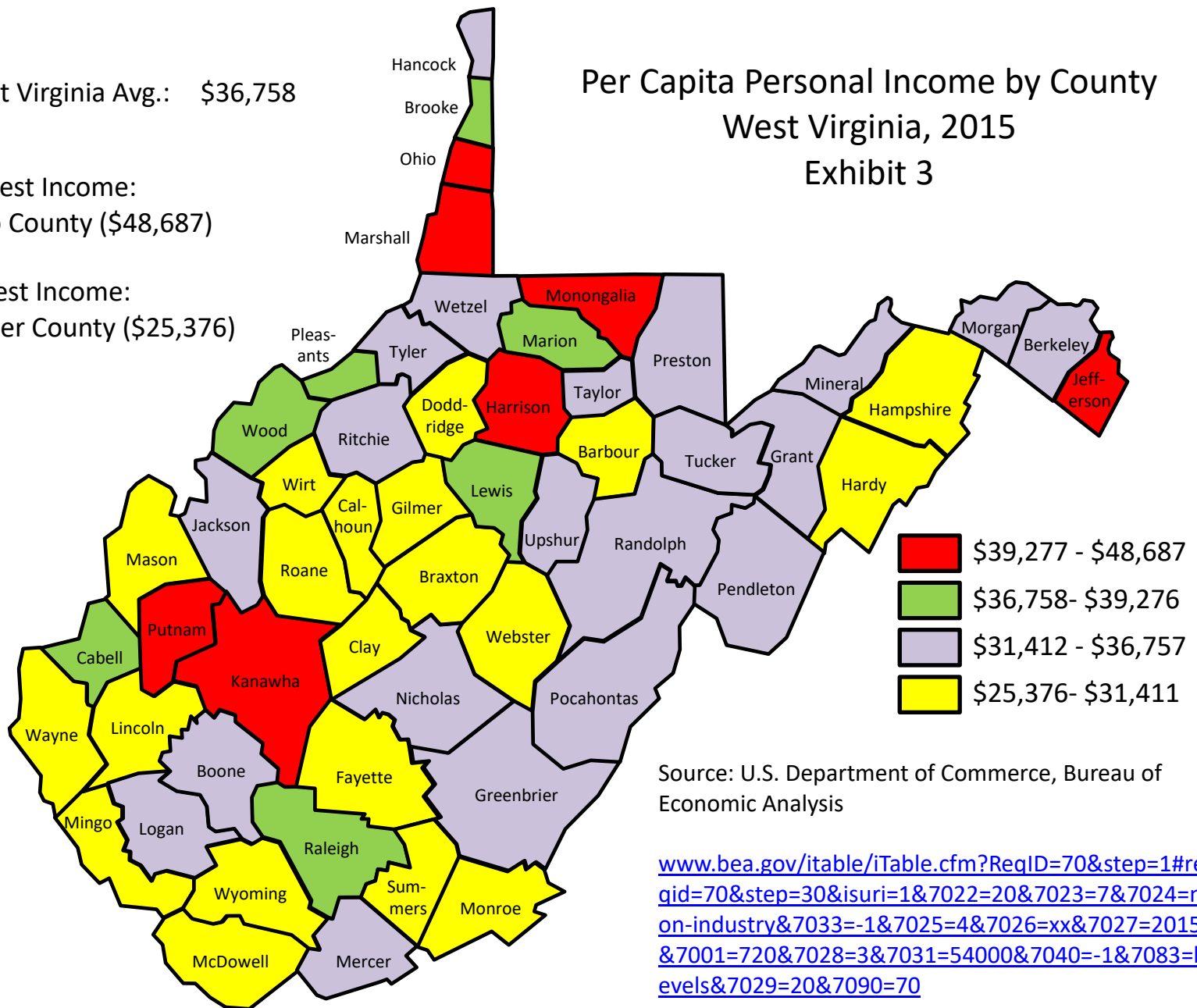
DHHR, Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2017

West Virginia Avg.: \$36,758

Highest Income:
Ohio County (\$48,687)

Lowest Income:
Gilmer County (\$25,376)

Per Capita Personal Income by County West Virginia, 2015 Exhibit 3



Source: U.S. Department of Commerce, Bureau of Economic Analysis

www.bea.gov/itable/iTable.cfm?ReqID=70&step=1#reqid=70&step=30&isuri=1&7022=20&7023=7&7024=non-industry&7033=-1&7025=4&7026=xx&7027=2015&7001=720&7028=3&7031=54000&7040=-1&7083=levels&7029=20&7090=70

**Births, Deaths, Natural Increase or Decrease and Net Migration
West Virginia Population, 1970-2015**

Table 4

Year	Population	Number of Births	Number of Deaths	Natural Increase or Decrease	Net Migration (+ or -)	Percent Change (%)
1970 - a	1,744,237	30,194	19,924	10,270	(12,033)	-0.10%
1971	1,768,000	31,038	19,619	11,419	12,344	1.36%
1972	1,795,000	29,200	20,583	8,617	18,383	1.53%
1973	1,782,000	27,459	20,020	7,439	(20,439)	-0.72%
1974	1,784,000	27,636	19,395	8,241	(6,241)	0.11%
1975	1,803,000	27,960	19,479	8,481	10,519	1.07%
1976	1,833,000	28,586	19,660	8,926	21,074	1.66%
1977	1,853,000	30,020	19,201	10,819	9,181	1.09%
1978	1,860,000	28,950	19,351	9,599	(2,599)	0.38%
1979	1,878,000	29,726	18,871	10,855	7,145	0.97%
1980 - a	1,949,644	29,438	19,718	9,720	61,924	3.81%
1981	1,954,000	27,810	19,039	8,771	(4,415)	0.22%
1982	1,957,000	27,263	18,796	8,467	(5,467)	0.15%
1983	1,965,000	25,875	19,293	6,582	1,418	0.41%
1984	1,952,000	24,551	19,182	5,369	(18,369)	-0.66%
1985	1,936,000	24,108	19,425	4,683	(20,683)	-0.82%
1986	1,919,000	23,179	19,858	3,321	(20,321)	-0.88%
1987	1,898,000	22,424	19,763	2,661	(23,661)	-1.09%
1988	1,877,000	21,849	19,780	2,069	(23,069)	-1.11%
1989 - b	1,857,000	22,067	19,525	2,542	(22,542)	-1.07%
1990 - a	1,793,477	22,582	19,360	3,222	(66,745)	-3.42%
1991	1,799,000	22,509	19,951	2,558	2,965	0.31%
1992	1,809,000	22,156	19,696	2,460	7,540	0.56%
1993	1,818,000	21,793	20,331	1,462	7,538	0.50%
1994	1,823,000	21,360	19,945	1,415	3,585	0.28%
1995	1,828,000	21,158	20,128	1,030	3,970	0.27%
1996	1,826,000	20,744	20,314	430	(2,430)	-0.11%
1997	1,816,000	20,735	20,872	(137)	(9,863)	-0.55%
1998	1,811,000	20,729	20,764	(35)	(4,965)	-0.28%
1999 - c	1,807,000	20,731	20,993	(262)	(3,738)	-0.22%
2000 - a	1,808,344	20,860	21,127	(267)	1,611	0.07%
2001	1,801,916	20,430	20,978	(548)	(5,880)	-0.36%
2002	1,801,873	20,725	20,999	(274)	231	0.00%
2003	1,810,354	20,986	21,299	(313)	8,794	0.47%
2004	1,815,354	20,911	20,776	135	4,865	0.28%
2005	1,816,856	20,834	20,773	61	1,441	0.08%
2006	1,818,470	20,931	20,649	282	1,332	0.09%
2007	1,812,035	22,017	21,067	950	(7,385)	-0.35%
2008	1,814,468	21,493	21,551	(58)	2,491	0.13%
2009 - d	1,819,777	21,275	21,385	(110)	5,419	0.29%
2010 - a	1,852,994	20,471	21,278	(807)	34,024	1.83%
2011 - e	1,855,364	20,705	21,870	(1,165)	3,535	0.13%
2012 - f	1,855,413	20,813	21,586	(773)	822	0.00%
2013 - g	1,854,304	20,829	21,846	(1,017)	(43)	-0.06%
2014 - h	1,850,326	20,303	22,164	(1,861)	(2,117)	-0.21%
2015 - i	1,844,128	19,778	22,643	(2,865)	(7,311)	-0.55%

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

b. Source of population data 1971 through 1989: U.S. Department of Commerce, Bureau of the Census,

Current Population Reports, Series P-25 and P-26.

c. Source of population data 1991 through 1999: Regional Research Institute, WVU and U.S. Bureau of the Census.

d. Source of population data 2001 through 2009: www.census.gov/popest/counties/CO-EST2009-popchg2000_2009.html

e. Source of population data 2011: www.census.gov/popest/counties/CO-EST2011-popchg2010_2011.html

f. Source of population data 2012: www.census.gov/popest/counties/CO-EST2012-popchg2010_2012.html

g. Source of population data 2013: www.census.gov/popest/counties/CO-EST2013-popchg2010_2013.html

h. Source of population data 2014: www.census.gov/popest/counties/CO-EST2014-popchg2010_2014.html

i. Source of population data 2015: www.census.gov/popest/counties/CO-EST2015-popchg2010_2015.html

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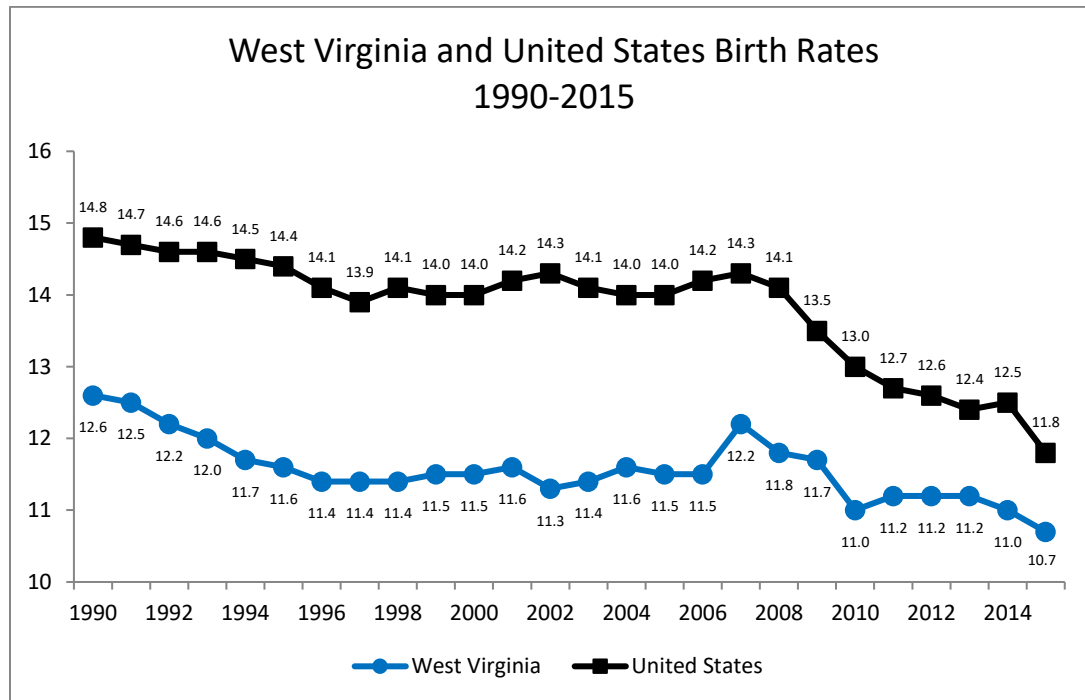


West Virginia Vital Statistics

Births

Birth Summary

West Virginia's resident live births decreased by 525 or 2.6%, from 20,303 in 2014 to 19,778 in 2015. This is the first time on record where births are below 20,000. The 2015 birth rate also decreased 2.8% from 11.0 per 1,000 population in 2013 to 10.7. The U.S. 2015 birth rate was 11.8 live births per 1,000 population, decreasing 5.6% from the 2013 rate of 12.5. As the graph below shows, West Virginia's birth rate has been well below the national rate since 1990. It continued its overall decline until 1996 and remained relatively stable from 1996 to 2006, 2008-2010 and 2012-2015 with a slight increase in 2007 and 2011.



The 2015 U.S. fertility rate of 59.7 live births per 1,000 women aged 15-44 was lower (5.1%) than the 2014 rate (62.9). West Virginia's fertility rate decreased 2.5%, from 60.3 in 2014 to 58.6 in 2015. A comparison of West Virginia and U.S. age-specific fertility rates is displayed below:

Fertility Rates* by Age Group West Virginia and United States, 2015					
15-19		20-44		Total (15-44)	
WV	U.S.**	WV	U.S.**	WV	U.S.**
31.7	22.3	63.7	70.1	58.8	59.7

*All fertility rates were calculated using 2015 estimated population, U.S. Department of Commerce, Bureau of the Census.

**National Center for Health Statistics, www.cdc.gov/nchs/data/nvsr/nvsr66/nvsr66_01.pdf

The fertility rate among women aged 15-19 in West Virginia was 42.2% higher than that among young women in the U.S. (31.7 vs. 22.3). The fertility rate among women aged 20-44 was lower by 9.1% in the state than in the nation (63.7 vs. 70.1).

The number of births to teen mothers (ages 10-19) decreased by 264 (13.3%), from 1,980 (the first time on record where teen births are below 2,000) in 2014 to 1,716 in 2015. The percentage of total births represented by teen births also decreased from 9.8% in 2014 to 8.7% in 2015. The lower fertility rate among older women, however, resulted in teenage births continuing to constitute a higher proportion of total births than was found nationally (6.1% in 2015).

The percentage of births occurring out of wedlock decreased for only the third time since 2000. However, more than two of every five (43.4%) West Virginia resident births were to unwed mothers, compared to 44.3% in 2014. The percentages of white and black births that occurred out of wedlock in West Virginia in 2015 were 42.4% and 73.2%, respectively, compared to 43.3% and 74.1% in 2014. In the U.S. in 2015, 29.2% of births to white mothers (non-Hispanic) and 70.5% of births to black mothers (non-Hispanic) occurred out of wedlock. The percentage of teen births to unmarried teen mothers in the state decreased from 85.1% in 2014 to 84.3% in 2015.

There was a total of 1,892 low birthweight babies (those weighing less than 2,500 grams or 5½ pounds) born to West Virginia residents in 2015, 9.6% of all births. Of the 1,892 low birthweight infants, 1,281 or 68.1% were preterm babies born before 37 weeks of gestation. (Of all 2015 resident births with a known gestational age, 11.3% were preterm babies.) In 2015, 9.4% of babies born to white mothers and 14.3% of babies born to black mothers were low birthweight. Nationally, 8.1% of all infants weighed less than 2,500 grams at birth in 2015; 6.9% of births to white mothers (non-Hispanic) and 13.3% of births to black mothers (non-Hispanic) were of low birthweight.

In 2015, 78.6% of West Virginia mothers with known prenatal care began their care during the first trimester of pregnancy, compared with 83.2% of mothers nationwide in 2006 (the latest reliable data available). Among those with known prenatal care, 79.3% of white mothers began care during the first trimester; 66.8% of black mothers did so. (U.S. figures show that 88.1% of white mothers and 76.1% of black mothers had first trimester care.) No prenatal care was received by 1.0% of white mothers and 1.5% of black mothers.

Slightly more than one-fourth (25.3%) of the births in 2015 were to mothers who smoked during their pregnancies. National figures from 2015 show that 7.8% of women giving birth reported smoking during pregnancy. Among the state mothers who reported smoking during pregnancy, 15.6% of the babies born were low birthweight, compared with 7.4% among non-smoking mothers. More than one-third (34.9%) of 2015 state births were delivered by Cesarean section, compared with a national rate of 33.5%. One or more medical risk factors were reported in 39.2% of the state resident births in 2015. Maternal drug use during pregnancy was reported in 5.9% of all resident births in 2015 while one or more complications of labor and/or delivery were reported for 30.1% of the state resident births.

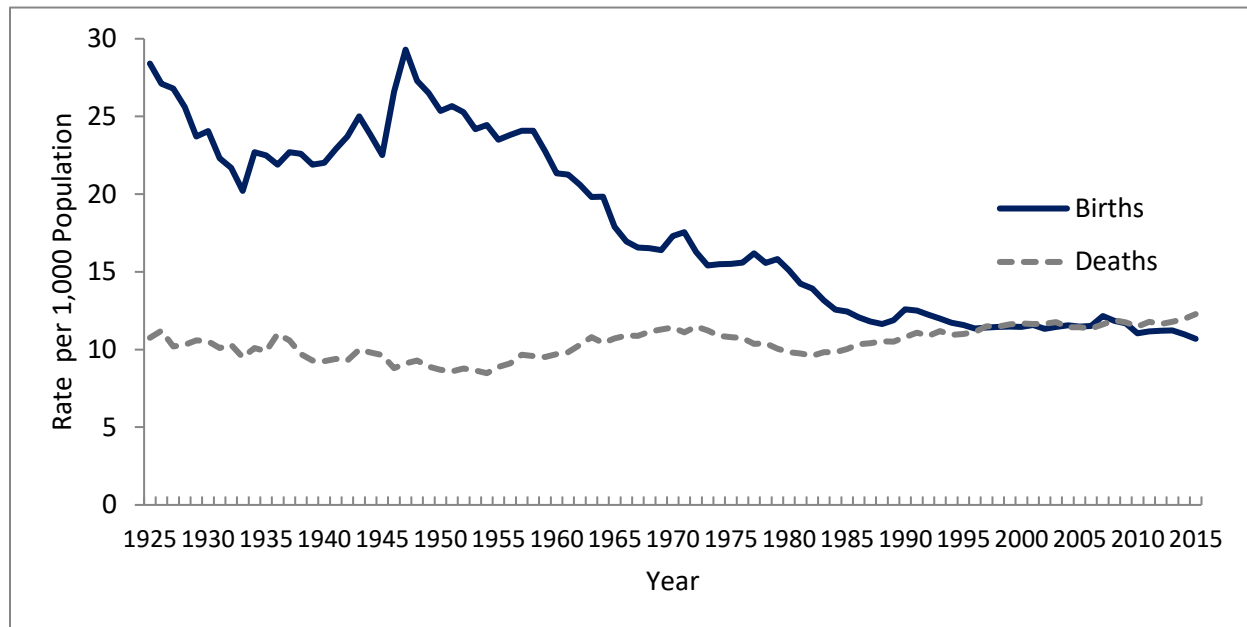
The statistics presented in this publication refer to resident data unless otherwise indicated. A resident birth is determined by the residence of the mother when she gives birth, i.e., if she lives in West Virginia. An occurrence birth is determined by where the mother gives birth. If a mother lives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

As reported in last year's edition, data structure for births changed extensively in 2014. Prenatal care began is now determined by the date of mother's first prenatal visit compared to when she gave birth. In fact, some reported their prenatal care beginning before she became pregnant (which is still recorded as the first trimester in all applicable tables in this publication). Some medical risk factors were removed but two that were added has become notable. A mother having a previous cesarean section is now recorded as a medical risk factor but still is reported in this publication's applicable tables on method of delivery. Maternal drug use during pregnancy has been added to the medical risk factors. While complications of labor and/or delivery were previously all in one field, it is now a combination of select factors in three different fields; onset of labor, characteristics of labor and/or delivery and maternal morbidity.

Maternal smoking during pregnancy was previously self-reported. A mother was asked if she smoked during the pregnancy and if so was asked the average number per day. Maternal smoking now breaks it down by trimester to how often she smoked in her first three months of pregnancy, middle three months and last three months. It also asks if she smoked any during the three months before pregnancy but it is not a considerable factor on the maternal smoking tables in this publication.

There is more diversity in determining the race of the mother and/or father. The new structure allows more options and the ability to accurately report more than one race. The mother's marital status not only asks if the mother was married at any time during their pregnancy but it also asks if she had even been married. The mother's and/or father's education was asked previously by the number of years they were educated with 12 years being a high school graduate for example. It is now broken down into factors such as 9th – 12th grade with no diploma, high school graduate, some college credit but no degree, etc.

Number and Rate of Resident Births (Compared to Deaths) West Virginia, 1925-2015



Year	Births		Deaths	
	Number of Live Births	Rate per 1,000 Population	Number of Deaths	Rate per 1,000 Population
1925	45,240	28.4	17,132	10.8
1930	41,614	24.1	18,220	10.5
1935	41,775	22.5	18,342	9.9
1940	41,900	22.0	17,577	9.2
1945	38,446	22.5	16,464	9.6
1950	50,850	25.4	17,459	8.7
1955	44,199	23.5	16,712	8.9
1960	39,696	21.3	18,040	9.7
1965	31,958	17.9	19,121	10.7
1970	30,194	17.3	19,924	11.4
1975	27,960	15.5	19,479	10.8
1980	29,438	15.1	19,178	9.8
1985	24,108	12.5	19,425	10.0
1990	22,582	12.6	19,360	10.8
1995	21,158	11.6	20,128	11.0
2000	20,860	11.5	21,127	11.7
2005	20,834	11.5	20,773	11.4
2010	20,471	11.0	21,278	11.5
2011	20,705	11.2	21,870	11.8
2012	20,813	11.2	21,586	11.6
2013	20,829	11.2	21,856	11.8
2014	20,303	11.0	22,164	12.0
2015	19,778	10.7	22,643	12.3

DHHR, Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2017

Summary Totals
West Virginia Resident Births, 2015
Table 5

Characteristic	Number	Percent	Characteristic	Number	Percent
Total	19,778	100.0%	Mother's Marital Status		
Gender			White or Caucasian	10,620	57.6%
Male	10,089	51.0%	Married	7,804	42.4%
Female	9,689	49.0%	Not Married		
Unknown	0		Unknown	1	
Race of Mother			Black or African American		
White or Caucasian	18,425	93.2%	Married	167	26.8%
Black or African American	622	3.1%	Not Married	455	73.2%
All Other Races	726	3.7%	Unknown	0	
Unknown	5		All Other Races		
Attendant at Birth			Married	410	56.5%
Physician	18,836	95.2%	Not Married	316	43.5%
Certified Nurse Midwife	802	4.1%	Unknown	0	
Certified Professional Midwife	40	0.2%	Unknown		
Lay Midwife	39	0.2%	Married	2	66.7%
EMT/Paramedic	0	0.0%	Not Married	1	33.3%
Other	61	0.3%	Unknown	2	
Unknown	0		Method of Delivery		
Place of Birth			Vaginal	12,678	64.1%
Hospital	19,657	99.4%	Vaginal after Previous Cesarean Section	205	1.0%
Home	111	0.6%	Cesarean Section	6,895	34.9%
Freestanding Birthing Center	7	0.0%	Primary	3,966	20.1%
En Route to Hospital	0	0.0%	Repeat	2,929	14.8%
Clinic or Center	0	0.0%	One or More Reported Factors		
Other Specified Address (Not Home)	1	0.0%	Medical Risk Factors	7,761	39.2%
Unknown	2		Complications of Labor and/or Delivery	5,953	30.1%
Mother's Smoking Status			Congenital Malformations	177	0.9%
Smoked During Pregnancy	4,992	25.3%	Abnormal Conditions of the Newborn	2,876	14.5%

Percentages are calculated excluding unknown.
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Health Statistics Center, Vital Statistics System, 2017

Birthweight by Age of Mother
West Virginia Resident Births, 2015
Table 6

Birthweight	Age of Mother										Total
	10-14 Years	15-17 Years	18-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45 and Over	Unknown	
Less than 1,000 Grams (Less than 2.205 lbs.)	0	4	6	36	51	20	24	1	0	0	142
1,000 - 1,499 Grams (2.205 - 3.305 lbs.)	0	3	10	41	36	30	19	3	1	0	143
1,500 - 1,999 Grams (3.307 - 4.407 lbs.)	2	9	27	107	106	69	37	6	2	0	365
2,000 - 2,499 Grams (4.409 - 5.509 lbs.)	3	27	82	379	346	235	131	31	8	0	1,242
2,500 - 2,999 Grams (5.512 - 6.612 lbs.)	1	72	288	1,229	1,084	671	285	78	21	0	3,729
3,000 - 3,499 Grams (6.614 - 7.714 lbs.)	2	167	552	2,264	2,303	1,491	591	119	18	0	7,507
3,500 - 3,999 Grams (7.716 - 8.816 lbs.)	2	100	278	1,464	1,557	1,155	436	85	8	0	5,085
4,000 - 4,499 Grams (8.819 - 9.919 lbs.)	0	14	56	333	442	308	152	22	0	0	1,327
4,500 or more Grams (9.921 or more lbs.)	0	0	9	48	74	57	31	3	1	0	223
Unknown	0	0	2	2	7	2	0	2	0	0	15
Total	10	396	1,310	5,903	6,006	4,038	1,706	350	59	0	19,778

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Selected Factors by Birthweight of Infant
West Virginia Resident Births, 2015

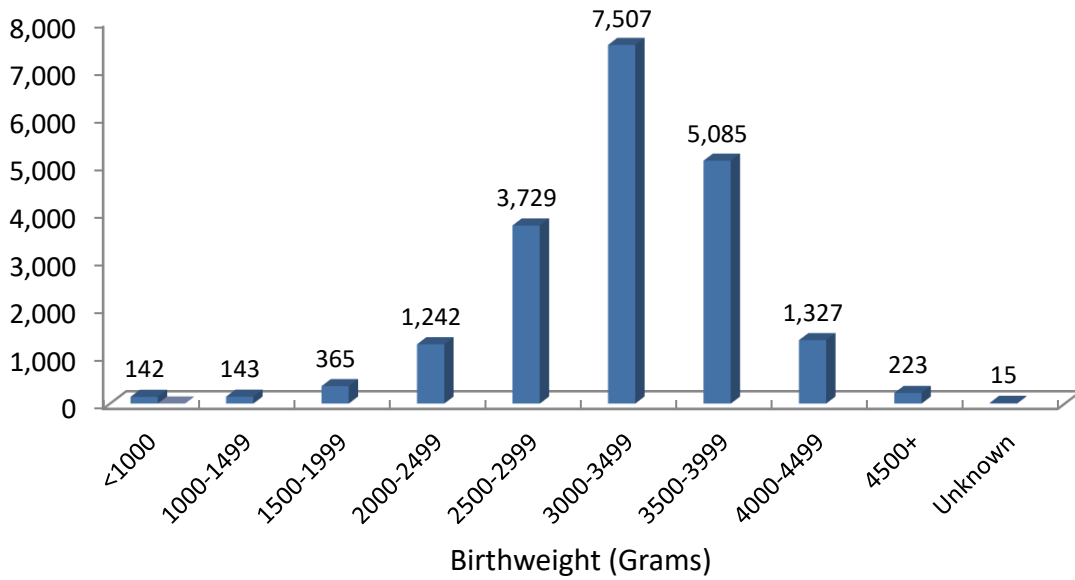
Table 7

Factor	Very Low Birthweight <1,500 Grams		Moderately Low Birthweight 1,500-2,499 Grams		Normal Birthweight 2,500+ Grams		Unknown Birthweight	Total
	Number	Percent*	Number	Percent*	Number	Percent*	Number	Number
Total Births	285	1.4%	1,607	8.1%	17,871	90.4%	15	19,778
Maternal Age								
< 20 Years	23	1.3%	150	8.8%	1,541	89.9%	2	1,716
< 15 Years	0	0.0%	5	50.0%	5	50.0%	0	10
Maternal Race								
White or Caucasian	261	1.4%	1,475	8.0%	16,676	90.6%	13	18,425
Black or African American	15	2.4%	74	11.9%	532	85.7%	1	622
All Other Races	9	1.2%	58	8.0%	658	90.8%	1	726
Unknown	0	0.0%	0	0.0%	5	100.0%	0	5
Entrv Into Prenatal Care								
First Trimester	187	1.2%	1,081	7.1%	13,980	91.7%	5	15,253
Second Trimester	37	1.2%	353	11.3%	2,734	87.5%	1	3,125
Third Trimester	4	0.5%	66	8.1%	749	91.5%	5	824
No Prenatal Care	18	9.0%	42	20.9%	141	70.1%	2	203
Unknown	39	10.5%	65	17.5%	267	72.0%	2	373
Gestational Age								
< 32 Weeks	238	74.4%	77	24.1%	5	1.6%	9	329
32-36 Weeks	44	2.3%	922	48.7%	928	49.0%	1	1,895
37-38 Weeks	0	0.0%	478	9.0%	4,856	91.0%	0	5,334
39+ Weeks	2	0.0%	129	1.1%	12,073	98.9%	0	12,204
Unknown	1	9.1%	1	9.1%	9	81.8%	5	16
Mother's Education Level								
8th Grade or Less	2	0.9%	25	11.2%	197	87.9%	0	224
9th-12th Grade, No Diploma	48	1.9%	288	11.5%	2,166	86.6%	4	2,506
High School Graduate or GED Completed	107	1.7%	586	9.3%	5,583	89.0%	6	6,282
Some College Credit but No Degree	58	1.3%	328	7.5%	3,993	91.2%	2	4,381
Associate's Degree	24	1.3%	121	6.6%	1,699	92.1%	0	1,844
Bachelor's Degree	31	1.1%	158	5.6%	2,619	93.3%	0	2,808
Master's Degree	8	0.6%	76	6.1%	1,172	93.3%	2	1,258
Doctorate or Professional Degree	2	0.5%	15	3.9%	372	95.6%	0	389
Unknown	5	5.9%	10	11.8%	70	82.4%	1	86
Mother's Marital Status								
Married	139	1.2%	747	6.7%	10,306	92.1%	7	11,199
Not Married	146	1.7%	860	10.0%	7,562	88.3%	8	8,576
Unknown	0	0.0%	0	0.0%	3	100.0%	0	3

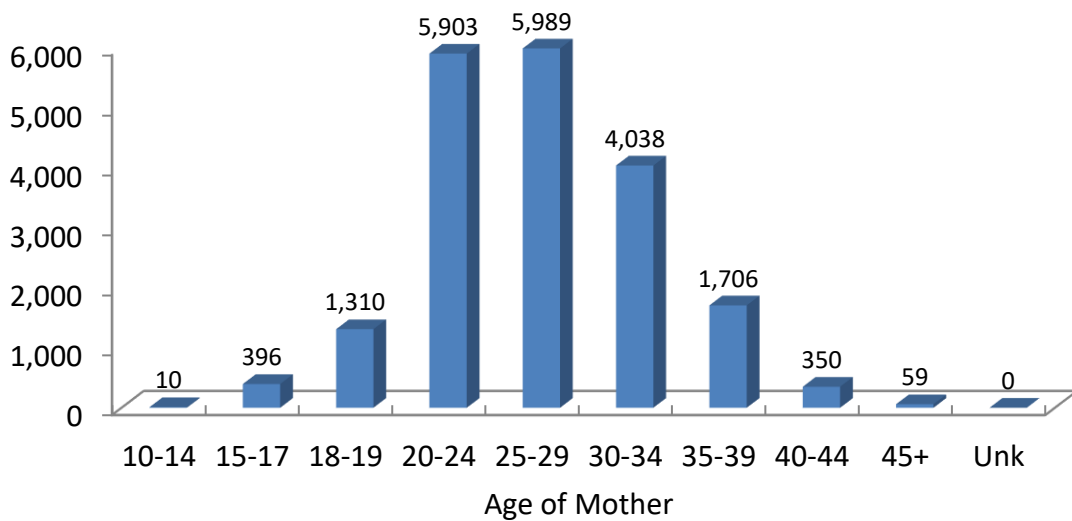
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*Percentages are calculated excluding unknown birthweight.

Birthweight in Grams*
West Virginia Resident Births, 2015
Exhibit 5



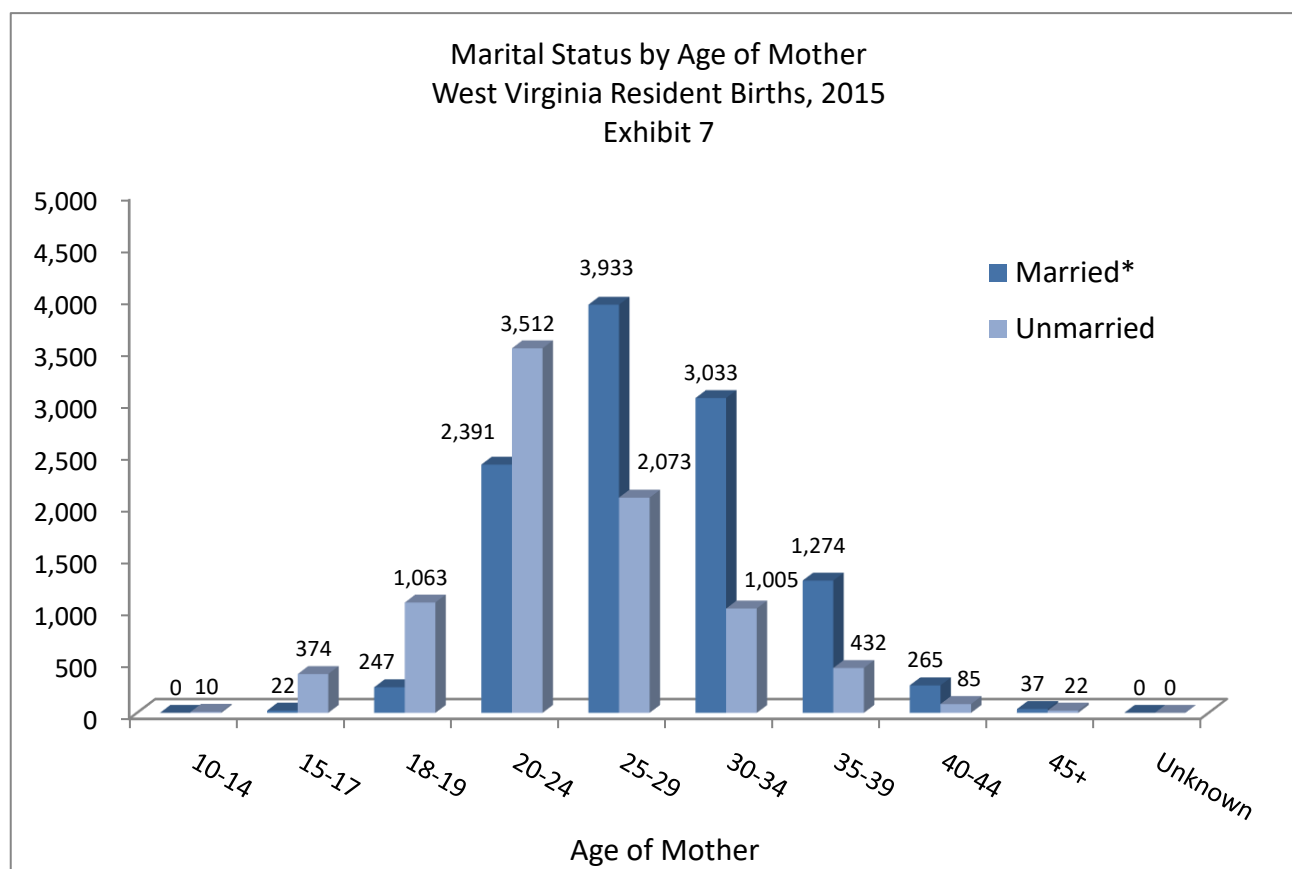
Age of Mother
West Virginia Resident Births, 2015
Exhibit 6



*See Appendix C, page 170 for grams/pounds conversion.
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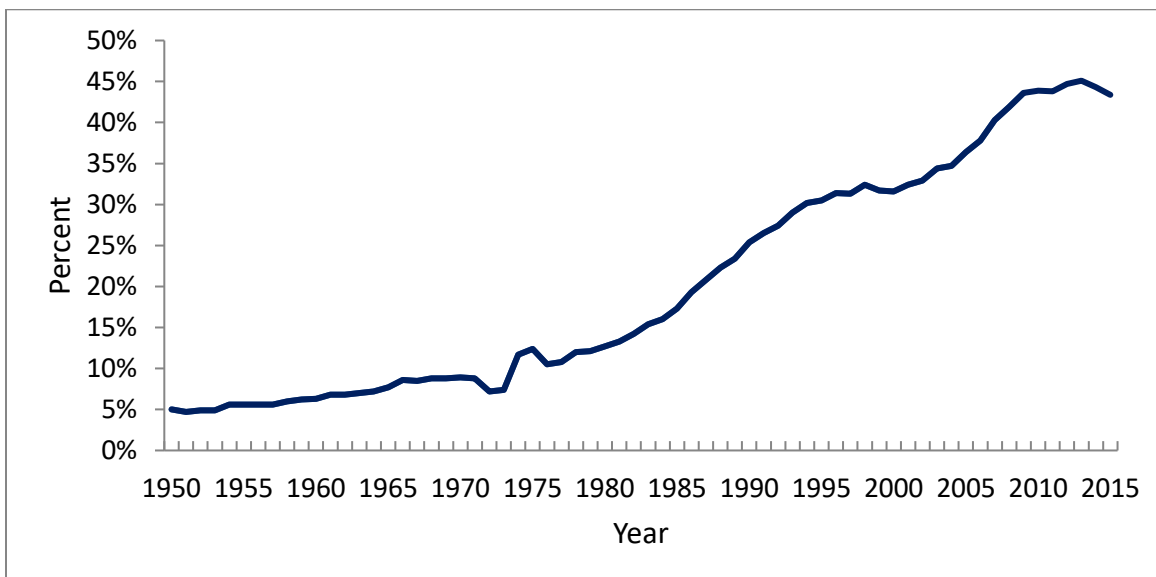
Marital Status by Age of Mother
West Virginia Resident Births, 2011-2015
Table 8

Age of Mother	2011		2012		2013		2014		2015	
	Married*	Un-married	Married*	Un-married	Married*	Un-married	Married*	Un-married	Married*	Un-married
10-14	0	27	0	24	1	20	0	25	0	10
15-17	58	621	58	584	31	509	27	474	22	374
18-19	354	1,413	354	1,392	334	1,278	269	1,185	247	1,063
20-24	2,585	3,659	2,585	3,723	2,616	3,915	2,479	3,701	2,391	3,512
25-29	3,961	1,934	3,961	2,035	3,951	2,005	3,903	2,047	3,933	2,073
30-34	3,141	915	3,141	1,014	3,144	1,067	3,009	1,036	3,033	1,005
35-39	1,168	336	1,168	388	1,161	426	1,358	398	1,274	432
40-44	220	112	220	92	184	105	219	89	265	85
45+	26	42	26	47	28	50	54	29	37	22
Unknown	0	0	0	1	1	3	1	0	0	0
WV Total	11,513	9,059	11,513	9,300	11,451	9,378	11,319	8,984	11,202	8,576



*Includes unknown marital status: 2011 – 14; 2012 – 15; 2013 – 19; 2014 – 23; 2015 - 3
 DHHR, Bureau for Public Health
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Percent of Births to Unmarried Mothers
West Virginia Residents, 1950-2015
Exhibit 8

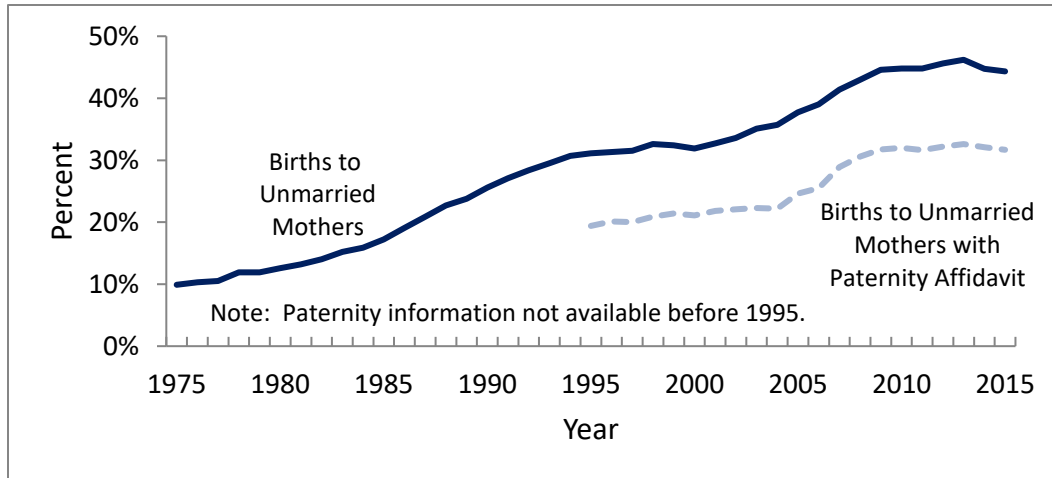


Year	Resident Births to Unmarried Mothers	
	Number	Percent of Total Births
1950	2,519	5.0%
1955	2,472	5.6%
1960	2,485	6.3%
1965	2,464	7.7%
1970	2,699	8.9%
1975	3,471	12.4%
1980	3,743	12.7%
1985	4,159	17.3%
1990	5,739	25.4%
1995	6,462	30.5%
2000	6,595	31.6%
2005	7,589	36.4%
2010	8,970	43.9%
2011	9,059	43.8%
2012	9,300	44.7%
2013	9,378	45.1%
2014	8,984	44.3%
2015	8,576	43.4%

Note: 2010 through 2015 percentages are calculated excluding unknown marital status.
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Percent of Births to Unmarried Mothers and
Unmarried Mothers with Paternity Affidavit
West Virginia Occurrence Births, 1975-2015

Exhibit 9



Year	Occurrence Births to Unmarried Mothers		Occurrence Births to Unmarried Mothers with Father Established Through Paternity Affidavit	
	Number	Percent of Total Births	Number	Percent of Total Births
1975	2,767	9.9%	N/A	N/A
1980	3,786	12.6%	N/A	N/A
1985	4,354	17.2%	N/A	N/A
1990	6,046	25.6%	N/A	N/A
1995	6,890	31.1%	4,300	19.4%
1996	6,820	31.3%	4,368	20.1%
1997	6,822	31.5%	4,340	20.0%
1998	7,035	32.6%	4,512	20.9%
1999	6,919	32.4%	4,578	21.4%
2000	6,904	31.9%	4,563	21.1%
2001	6,874	32.7%	4,573	21.8%
2002	7,110	33.6%	4,680	22.1%
2003	7,545	35.1%	4,796	22.3%
2004	7,616	35.7%	4,736	22.2%
2005	7,964	37.7%	5,199	24.6%
2010	9,289	44.8%	6,638	32.0%
2011	9,383	44.8%	6,624	31.6%
2012	9,645	45.6%	6,805	32.2%
2013	9,752	46.2%	6,891	32.6%
2014	9,184	44.7%	6,592	32.1%
2015	9,047	44.3%	6,463	31.7%

Note: 2010 through 2015 percentages are calculated excluding unknown marital status.

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Selected Factors by Race of Mother
West Virginia Resident Births, 2015
Table 9

Factor	White or Caucasian		Black or African American		All Other Races		Unknown	Total	
	Number	Percent*	Number	Percent*	Number	Percent*	Number	Number	Percent*
Total Births	18,425		622		726		5	19,778	
<u>Low Birthweight</u> (< 2,500 Grams)	1,736	9.4%	89	14.3%	53	7.3%	14	1,892	9.6%
<u>Maternal Age</u>									
Mothers < 20 Years	1,580	8.6%	67	10.8%	68	9.4%	1	1,716	8.7%
Mothers < 15 Years	8	0.0%	2	0.3%	0	0.0%	0	10	0.1%
<u>Entry Into Prenatal Care</u>									
First Trimester	14,340	79.3%	400	66.8%	510	70.9%	3	15,253	78.6%
Second Trimester	2,824	15.6%	147	24.5%	152	21.1%	2	3,125	16.1%
Third Trimester	731	4.0%	43	7.2%	50	7.0%	0	824	4.2%
No Prenatal Care	187	1.0%	9	1.5%	7	1.0%	0	203	1.0%
Unknown	343		23		7		0	373	
<u>Gestational Age</u>									
< 32 Weeks	309	1.7%	11	1.8%	9	1.2%	0	329	1.7%
32-36 Weeks	1,751	9.5%	82	13.2%	62	8.6%	0	1,895	9.6%
37-38 Weeks	4,943	26.8%	194	31.2%	197	27.2%	0	5,334	27.0%
39+ Weeks	11,408	62.0%	334	53.8%	457	63.0%	5	12,204	61.8%
Unknown	14		1		1		0	16	
<u>Place of Birth</u>									
Hospital**	18,318	99.4%	622	100.0%	720	99.3%	4	19,664	99.4%
Non-Hospital	106	0.6%	0	0.0%	5	0.7%	1	112	0.6%
Unknown	1		0		1		0	2	

*Percentages in each category are calculated as a total for that race excluding unknown.

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

DHHR, Bureau for Public Health

Health Statistics Center, Vital Statistics System, 2017

Prenatal Care by Mother's Race, Marital Status and Education
West Virginia Resident Births, 2015
Table 10

Birth Characteristics	Time Prenatal Care Began									Total
	First Trimester		Second Trimester		Third Trimester		No Care		Un-known	
	Number	Percent*	Number	Percent*	Number	Percent*	Numbe	Percent*		
Mother's Race: All Races	15,253	78.6%	3,125	16.1%	824	4.2%	203	1.0%	373	19,778
Mother's Marital Status										
Married	9,261	84.3%	1,330	12.1%	334	3.0%	65	0.6%	209	11,199
Not Married	5,989	71.2%	1,795	21.3%	490	5.8%	138	1.6%	164	8,576
Unknown	3	100.0%	0	0.0%	0	0.0%	0	0.0%	0	3
Mother's Educational Level										
8th Grade or Less	127	58.0%	70	32.0%	19	8.7%	3	1.4%	5	224
9th-12th Grade, No Diploma	1,634	66.3%	601	24.4%	179	7.3%	50	2.0%	42	2,506
High School Graduate or GED Completed	4,616	75.2%	1,169	19.1%	274	4.5%	76	1.2%	147	6,282
Some College Credit but No Degree	3,454	80.1%	644	14.9%	174	4.0%	38	0.9%	71	4,381
Associate's Degree	1,529	84.4%	207	11.4%	59	3.3%	16	0.9%	33	1,844
Bachelor's Degree	2,411	87.2%	276	10.0%	71	2.6%	8	0.3%	42	2,808
Master's Degree	1,102	89.4%	99	8.0%	28	2.3%	3	0.2%	26	1,258
Doctorate or Professional Degree	336	87.5%	40	10.4%	7	1.8%	1	0.3%	5	389
Unknown	44	52.4%	19	22.6%	13	15.5%	8	9.5%	2	86
Mother's Race: White or Caucasian	14,340	79.3%	2,824	15.6%	731	4.0%	187	1.0%	343	18,425
Mother's Marital Status										
Married	8,832	84.7%	1,233	11.8%	298	2.9%	59	0.6%	198	10,620
Not Married	5,507	71.9%	1,591	20.8%	433	5.7%	128	1.7%	145	7,804
Unknown	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	1
Mother's Educational Level										
8th Grade or Less	109	56.5%	64	33.2%	17	8.8%	3	1.6%	5	198
9th-12th Grade, No Diploma	1,530	67.3%	537	23.6%	163	7.2%	42	1.8%	37	2,309
High School Graduate or GED Completed	4,353	75.7%	1,070	18.6%	251	4.4%	73	1.3%	135	5,882
Some College Credit but No Degree	3,227	81.0%	570	14.3%	152	3.8%	34	0.9%	67	4,050
Associate's Degree	1,464	85.0%	190	11.0%	53	3.1%	16	0.9%	31	1,754
Bachelor's Degree	2,288	87.9%	250	9.6%	56	2.2%	8	0.3%	38	2,640
Master's Degree	1,039	90.0%	91	7.9%	22	1.9%	3	0.3%	24	1,179
Doctorate or Professional Degree	296	88.1%	33	9.8%	6	1.8%	1	0.3%	4	340
Unknown	34	47.9%	19	26.8%	11	15.5%	7	9.9%	2	73

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Health Statistics Center, Vital Statistics System, 2017

*Percentages are calculated excluding unknown.

Prenatal Care by Mother's Race, Marital Status and Education
West Virginia Resident Births, 2015
Table 10 (Cont'd)

Birth Characteristics	Time Prenatal Care Began									Total
	First Trimester		Second Trimester		Third Trimester		No Care		Un-known	
	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*		
Mother's Race: Black or African American	400	66.8%	147	24.5%	43	7.2%	9	1.5%	23	622
<u>Mother's Marital Status</u>										
Married	119	74.4%	28	17.5%	11	6.9%	2	1.3%	7	167
Not Married	281	64.0%	119	27.1%	32	7.3%	7	1.6%	16	455
Unknown	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0
<u>Mother's Educational Level</u>										
8th Grade or Less	6	66.7%	2	22.2%	1	11.1%	0	0.0%	0	9
9th-12th Grade, No Diploma	51	57.3%	27	30.3%	7	7.9%	4	4.5%	4	93
High School Graduate or GED Completed	134	65.4%	54	26.3%	14	6.8%	3	1.5%	9	214
Some College Credit but No Degree	116	69.5%	40	24.0%	10	6.0%	1	0.6%	4	171
Associate's Degree	31	72.1%	10	23.3%	2	4.7%	0	0.0%	2	45
Bachelor's Degree	32	68.1%	11	23.4%	4	8.5%	0	0.0%	3	50
Master's Degree	21	77.8%	3	11.1%	3	11.1%	0	0.0%	1	28
Doctorate or Professional Degree	6	100.0%	0	0.0%	0	0.0%	0	0.0%	0	6
Unknown	3	50.0%	0	0.0%	2	33.3%	1	16.7%	0	6
Mother's Race: All Other Races	510	70.9%	152	21.1%	50	7.0%	7	1.0%	7	726
<u>Mother's Marital Status</u>										
Married	310	76.4%	67	16.5%	25	6.2%	4	1.0%	4	410
Not Married	200	63.9%	85	27.2%	25	8.0%	3	1.0%	3	316
Unknown	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0
<u>Mother's Educational Level</u>										
8th Grade or Less	12	70.6%	4	23.5%	1	5.9%	0	0.0%	0	17
9th-12th Grade, No Diploma	53	51.5%	37	35.9%	9	8.7%	4	3.9%	1	104
High School Graduate or GED Completed	128	70.3%	45	24.7%	9	4.9%	0	0.0%	3	185
Some College Credit but No Degree	111	69.8%	33	20.8%	12	7.5%	3	1.9%	0	159
Associate's Degree	34	75.6%	7	15.6%	4	8.9%	0	0.0%	0	45
Bachelor's Degree	91	78.4%	14	12.1%	11	9.5%	0	0.0%	1	117
Master's Degree	42	84.0%	5	10.0%	3	6.0%	0	0.0%	1	51
Doctorate or Professional Degree	34	81.0%	7	16.7%	1	2.4%	0	0.0%	1	43
Unknown	5	100.0%	0	0.0%	0	0.0%	0	0.0%	0	5

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*Percentages are calculated excluding unknown.

Health Statistics Center, Vital Statistics System, 2017

Births by Method of Delivery
Number and Percent by Facility of Occurrence
West Virginia, 2015
Table 11

Hospital	Method of Delivery											
	Total	Vaginal		Vaginal after Cesarean Section		Total Cesarean Section		Primary Cesarean Section		Repeat Cesarean Section		Un- known
		Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*	
Berkeley Medical Center	993	712	71.7%	9	0.9%	272	27.4%	141	14.2%	131	13.2%	0
Bluefield Regional Medical Center	496	297	59.9%	4	0.8%	195	39.3%	122	24.6%	73	14.7%	0
C.A.M.C. - Women & Children's Hospital	2,719	1,626	59.8%	2	0.1%	1,091	40.1%	575	21.1%	516	19.0%	0
Cabell-Huntington Hospital	2,804	1,734	61.8%	25	0.9%	1,045	37.3%	560	20.0%	485	17.3%	0
Camden-Clark Medical Center Memorial Campus	1,445	907	62.8%	16	1.1%	522	36.1%	296	20.5%	226	15.6%	0
Davis Medical Center	289	187	64.7%	1	0.3%	101	34.9%	52	18.0%	49	17.0%	0
Fairmont Regional Medical Center	228	172	75.4%	3	1.3%	53	23.2%	39	17.1%	14	6.1%	0
Grant Memorial Hospital	251	156	62.2%	0	0.0%	95	37.8%	39	15.5%	56	22.3%	0
Greenbrier Valley Medical Center	501	398	79.4%	4	0.8%	99	19.8%	64	12.8%	35	7.0%	0
Logan Regional Medical Center	254	109	42.9%	0	0.0%	145	57.1%	131	51.6%	14	5.5%	0
Monongalia General Hospital	1,137	760	66.8%	11	1.0%	366	32.2%	218	19.2%	148	13.0%	0
Montgomery General Hospital	1	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Ohio Valley Medical Center	408	269	65.9%	4	1.0%	135	33.1%	69	16.9%	66	16.2%	0
Pleasant Valley Hospital	138	93	67.4%	3	2.2%	42	30.4%	20	14.5%	22	15.9%	0
Pocahontas Memorial Hospital	1	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Princeton Community Hospital	736	491	66.7%	8	1.1%	237	32.2%	160	21.7%	77	10.5%	0
Raleigh General Hospital	1,160	842	72.6%	6	0.5%	312	26.9%	247	21.3%	65	5.6%	0
Roane General Hospital	2	2	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
St. Joseph's Hospital	282	224	79.4%	6	2.1%	52	18.4%	30	10.6%	22	7.8%	0
St. Mary's Medical Center	365	253	69.3%	5	1.4%	107	29.3%	63	17.3%	44	12.1%	0
Stonewall Jackson Memorial Hospital	231	158	68.4%	1	0.4%	72	31.2%	40	17.3%	32	13.9%	0
Summers County Appalachian Regional Hospital	1	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Summersville Regional Medical Center	289	174	60.2%	0	0.0%	115	39.8%	75	26.0%	40	13.8%	0
Thomas Memorial Hospital	1,099	591	53.8%	12	1.1%	496	45.1%	268	24.4%	228	20.7%	0
United Hospital Center	1,073	691	64.4%	18	1.7%	364	33.9%	207	19.3%	157	14.6%	0
University Healthcare Jefferson Medical Center	253	195	77.1%	3	1.2%	55	21.7%	28	11.1%	27	10.7%	0
WVU Hospitals, Inc.	1,430	867	60.6%	33	2.3%	530	37.1%	337	23.6%	193	13.5%	0
Weirton Medical Center	416	279	67.1%	10	2.4%	127	30.5%	70	16.8%	57	13.7%	0
Welch Community Hospital	54	25	46.3%	0	0.0%	29	53.7%	15	27.8%	14	25.9%	0
Wheeling Hospital	1,192	699	58.6%	9	0.8%	484	40.6%	287	24.1%	197	16.5%	0
Williamson Memorial Hospital	6	0	0.0%	0	0.0%	6	100.0%	4	66.7%	2	33.3%	0
WomenCare Birth Center	7	7	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
----- Non-Hospital	165	149	90.9%	14	8.5%	1	0.6%	0	0.0%	1	0.6%	1
West Virginia Total Occurrences	20,426	13,070	64.0%	207	1.0%	7,148	35.0%	4,157	20.4%	2,991	14.6%	1

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Health Statistics Center, Vital Statistics System, 2017

*Percentages are calculated excluding unknown

Full-Term Births (39 or More Weeks Gestation) by Method of Delivery
Number and Percent by Facility of Occurrence
West Virginia, 2015
Table 12

Hospital	Method of Delivery											Un-known
	Total	Vaginal		Vaginal after Cesarean Section		Total Cesarean Section		Primary Cesarean Section		Repeat Cesarean Section		
		Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*	
Berkeley Medical Center	632	474	75.0%	4	0.6%	154	24.4%	79	12.5%	75	11.9%	0
Bluefield Regional Medical Center	267	174	65.2%	4	1.5%	89	33.3%	61	22.8%	28	10.5%	0
C.A.M.C. - Women & Children's Hospital	1,442	906	62.8%	0	0.0%	536	37.2%	274	19.0%	262	18.2%	0
Cabell-Huntington Hospital	1,579	1,027	65.0%	16	1.0%	536	33.9%	258	16.3%	278	17.6%	0
Camden-Clark Medical Center Memorial Campus	818	538	65.8%	11	1.3%	269	32.9%	148	18.1%	121	14.8%	0
Davis Medical Center	212	138	65.1%	0	0.0%	74	34.9%	38	17.9%	36	17.0%	0
Fairmont Regional Medical Center	157	115	73.2%	1	0.6%	41	26.1%	30	19.1%	11	7.0%	0
Grant Memorial Hospital	185	115	62.2%	0	0.0%	70	37.8%	25	13.5%	45	24.3%	0
Greenbrier Vallev Medical Center	375	301	80.3%	3	0.8%	71	18.9%	47	12.5%	24	6.4%	0
Logan Regional Medical Center	104	54	51.9%	0	0.0%	50	48.1%	46	44.2%	4	3.8%	0
Monongalia General Hospital	826	558	67.6%	10	1.2%	258	31.2%	158	19.1%	100	12.1%	0
Montgomery General Hospital	1	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Ohio Valley Medical Center	261	169	64.8%	3	1.1%	89	34.1%	49	18.8%	40	15.3%	0
Pleasant Valley Hospital	103	69	67.0%	2	1.9%	32	31.1%	14	13.6%	18	17.5%	0
Pocahontas Memorial Hospital	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Princeton Community Hospital	433	298	68.8%	1	0.2%	134	30.9%	89	20.6%	45	10.4%	0
Raleigh General Hospital	733	525	71.6%	4	0.5%	204	27.8%	156	21.3%	48	6.5%	0
Roane General Hospital	2	2	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
St. Joseph's Hospital	244	196	80.3%	5	2.0%	43	17.6%	23	9.4%	20	8.2%	0
St. Mary's Medical Center	258	179	69.4%	3	1.2%	76	29.5%	42	16.3%	34	13.2%	0
Stonewall Jackson Memorial Hospital	161	112	69.6%	0	0.0%	49	30.4%	28	17.4%	21	13.0%	0
Summers County Appalachian Regional Hospital	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Summersville Regional Medical Center	219	138	63.0%	0	0.0%	81	37.0%	53	24.2%	28	12.8%	0
Thomas Memorial Hospital	641	337	52.6%	7	1.1%	297	46.3%	154	24.0%	143	22.3%	0
United Hospital Center	766	507	66.2%	13	1.7%	246	32.1%	133	17.4%	113	14.8%	0
University Healthcare Jefferson Medical Center	183	141	77.0%	2	1.1%	40	21.9%	20	10.9%	20	10.9%	0
WVU Hospitals, Inc.	632	463	73.3%	24	3.8%	145	22.9%	88	13.9%	57	9.0%	0
Weirton Medical Center	317	214	67.5%	5	1.6%	98	30.9%	56	17.7%	42	13.2%	0
Welch Community Hospital	30	13	43.3%	0	0.0%	17	56.7%	10	33.3%	7	23.3%	0
Wheeling Hospital	812	477	58.7%	5	0.6%	330	40.6%	178	21.9%	152	18.7%	0
Williamson Memorial Hospital	5	0	0.0%	0	0.0%	5	100.0%	4	80.0%	1	20.0%	0
WomenCare Birth Center	4	4	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
~Non-Hospital	121	113	93.4%	8	6.6%	0	0.0%	0	0.0%	0	0.0%	0
West Virginia Total Occurrences	12,523	8,358	66.7%	131	1.0%	4,034	32.2%	2,261	18.1%	1,773	14.2%	0

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Health Statistics Center, Vital Statistics System, 2017

*Percentages are calculated excluding unknown

Labor-Induced Births by Method of Delivery
Number and Percent by Facility of Occurrence
West Virginia, 2015
Table 13

Hospital	Method of Delivery											
	Total	Vaginal		Vaginal after Cesarean Section		Total Cesarean Section		Primary Cesarean Section		Repeat Cesarean Section		Un- known
		Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*	
Berkeley Medical Center	232	188	81.0%	0	0.0%	44	19.0%	43	18.5%	1	0.4%	0
Bluefield Regional Medical Center	228	181	79.4%	1	0.4%	46	20.2%	45	19.7%	1	0.4%	0
C.A.M.C. - Women & Children's Hospital	1,364	1,056	77.4%	0	0.0%	308	22.6%	277	20.3%	31	2.3%	0
Cabell-Huntington Hospital	1,408	1,144	81.3%	9	0.6%	255	18.1%	212	15.1%	43	3.1%	0
Camden-Clark Medical Center Memorial Campus	695	563	81.0%	7	1.0%	125	18.0%	114	16.4%	11	1.6%	0
Davis Medical Center	50	37	74.0%	0	0.0%	13	26.0%	12	24.0%	1	2.0%	0
Fairmont Regional Medical Center	72	58	80.6%	0	0.0%	14	19.4%	14	19.4%	0	0.0%	0
Grant Memorial Hospital	108	91	84.3%	0	0.0%	17	15.7%	17	15.7%	0	0.0%	0
Greenbrier Valley Medical Center	170	155	91.2%	1	0.6%	14	8.2%	13	7.6%	1	0.6%	0
Logan Regional Medical Center	18	6	33.3%	0	0.0%	12	66.7%	11	61.1%	1	5.6%	0
Monongalia General Hospital	342	279	81.6%	1	0.3%	62	18.1%	59	17.3%	3	0.9%	0
Montgomery General Hospital	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Ohio Valley Medical Center	215	180	83.7%	0	0.0%	35	16.3%	35	16.3%	0	0.0%	0
Pleasant Valley Hospital	52	42	80.8%	3	5.8%	7	13.5%	7	13.5%	0	0.0%	0
Pocahontas Memorial Hospital	1	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Princeton Community Hospital	409	330	80.7%	4	1.0%	75	18.3%	75	18.3%	0	0.0%	0
Raleigh General Hospital	304	262	86.2%	0	0.0%	42	13.8%	42	13.8%	0	0.0%	0
Roane General Hospital	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
St. Joseph's Hospital	88	78	88.6%	0	0.0%	10	11.4%	10	11.4%	0	0.0%	0
St. Mary's Medical Center	174	148	85.1%	1	0.6%	25	14.4%	25	14.4%	0	0.0%	0
Stonewall Jackson Memorial Hospital	77	60	77.9%	0	0.0%	17	22.1%	16	20.8%	1	1.3%	0
Summers County Appalachian Regional Hospital	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Summersville Regional Medical Center	102	76	74.5%	0	0.0%	26	25.5%	22	21.6%	4	3.9%	0
Thomas Memorial Hospital	545	426	78.2%	8	1.5%	111	20.4%	105	19.3%	6	1.1%	0
United Hospital Center	438	347	79.2%	6	1.4%	85	19.4%	84	19.2%	1	0.2%	0
University Healthcare Jefferson Medical Center	82	70	85.4%	1	1.2%	11	13.4%	10	12.2%	1	1.2%	0
WVU Hospitals, Inc.	568	435	76.6%	16	2.8%	117	20.6%	112	19.7%	5	0.9%	0
Weirton Medical Center	166	134	80.7%	4	2.4%	28	16.9%	26	15.7%	2	1.2%	0
Welch Community Hospital	12	7	58.3%	0	0.0%	5	41.7%	4	33.3%	1	8.3%	0
Wheeling Hospital	393	298	75.8%	2	0.5%	93	23.7%	91	23.2%	2	0.5%	0
Williamson Memorial Hospital	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
WomenCare Birth Center	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
*Non-Hospital	8	7	87.5%	1	12.5%	0	0.0%	0	0.0%	0	0.0%	0
West Virginia Total Occurrences	8,321	6,659	80.0%	65	0.8%	1,597	19.2%	1,481	17.8%	116	1.4%	0

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*Percentages are

Mother's Marital Status and Method of Paternity Establishment
 Unmarried Mothers by Hospital of Birth
 West Virginia Occurrences, 2015
 Table 14

Hospital	Total Births	Mother's Marital Status			Mother Unmarried with Paternity Established			Mother Unmarried with Father Unknown
		Married (or Un-known)	Un-married	Percent Un-married	Paternity Affidavit Accepted	Percent of Un-married Births	Father Established by Other Methods	
Berkeley Medical Center	993	443	550	55.4%	368	66.9%	9	173
Bluefield Regional Medical Center	496	239	257	51.8%	134	52.1%	12	111
C.A.M.C. - Women & Children's Hospital	2,719	1,595	1,124	41.3%	809	72.0%	12	303
Cabell-Huntington Hospital	2,804	1,513	1,291	46.0%	895	69.3%	37	359
Camden-Clark Medical Center Memorial	1,445	768	677	46.9%	463	68.4%	14	200
Davis Medical Center	289	142	147	50.9%	119	81.0%	2	26
Fairmont Regional Medical Center	228	109	119	52.2%	96	80.7%	2	21
Grant Memorial Hospital	251	117	134	53.4%	114	85.1%	4	16
Greenbrier Valley Medical Center	501	249	252	50.3%	194	77.0%	2	56
Logan Regional Medical Center	254	99	155	61.0%	81	52.3%	3	71
Monongalia General Hospital	1,137	781	356	31.3%	266	74.7%	6	84
Montgomery General Hospital	1	0	1	100.0%	1	100.0%	0	0
Ohio Valley Medical Center	408	206	202	49.5%	133	65.8%	8	61
Pleasant Valley Hospital	138	53	85	61.6%	59	69.4%	1	25
Pocahontas Memorial Hospital	1	1	0	0.0%	0	0.0%	0	0
Princeton Community Hospital	736	481	255	34.6%	195	76.5%	2	58
Raleigh General Hospital	1,160	579	581	50.1%	374	64.4%	15	192
Roane General Hospital	2	1	1	50.0%	0	0.0%	0	1
St. Joseph's Hospital	282	161	121	42.9%	86	71.1%	2	33
St. Mary's Medical Center	365	288	77	21.1%	64	83.1%	3	10
Stonewall Jackson Memorial Hospital	231	112	119	51.5%	90	75.6%	4	25
Summers County Appalachian Regional	1	1	0	0.0%	0	0.0%	0	0
Summersville Regional Medical Center	289	138	151	52.2%	111	73.5%	1	39
Thomas Memorial Hospital	1,099	586	513	46.7%	407	79.3%	11	95
United Hospital Center	1,073	616	457	42.6%	370	81.0%	10	77
University Healthcare Jefferson Medical	253	125	128	50.6%	95	74.2%	2	31
WVU Hospitals, Inc.	1,430	942	488	34.1%	325	66.6%	11	152
Weirton Medical Center	416	219	197	47.4%	143	72.6%	5	49
Welch Community Hospital	54	24	30	55.6%	15	50.0%	0	15
Wheeling Hospital	1,192	648	544	45.6%	433	79.6%	13	98
Williamson Memorial Hospital	6	2	4	66.7%	1	25.0%	0	3
WomenCare Birth Center	7	7	0	0.0%	0	0.0%	0	0
----- Non-Hospital	165	134	31	18.8%	22	71.0%	1	8
West Virginia Total Occurrences	20,426	11,379	9,047	44.3%	6,463	71.4%	192	2,392

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West Virginia Resident Births, 2011-2015
Table 15

State	2011 Births	2012 Births	2013 Births	2014 Births	2015 Births
Virginia	1,052	962	970	911	936
Maryland	623	676	721	674	622
Ohio	285	352	464	561	476
Kentucky	183	185	134	140	142
Pennsylvania	112	116	99	99	112
District of Columbia	5	4	5	4	5
Tennessee	3	1	6	6	2
North Carolina	3	5	3	3	3
Florida	4	3	1	0	4
Texas	1	3	0	5	2
California	1	0	4	2	1
Utah	3	0	3	0	1
Colorado	0	0	1	1	3
Illinois	0	2	1	0	2
All Other States/Countries	12	10	7	7	6
Total	2,287	2,319	2,419	2,413	2,317

Out-of-State Resident Births Born in West Virginia
West Virginia Occurrence Births, 2011-2015
Table 16

State	2010 Births	2011 Births	2012 Births	2015 Births	2015 Births
Ohio	1,623	1,630	1,599	1,611	1,733
Kentucky	251	308	370	351	471
Pennsylvania	277	308	324	287	317
Virginia	289	289	293	276	282
Maryland	69	77	82	93	99
North Carolina	9	10	7	6	12
Texas	1	5	1	7	7
Tennessee	2	1	3	6	7
Florida	0	4	3	1	9
New York	1	2	7	2	3
South Carolina	0	4	3	4	2
New Jersey	0	2	4	2	2
California	2	2	0	1	4
Georgia	2	1	2	3	1
All Other States/Countries	15	17	19	16	16
Total	2,541	2,660	2,717	2,666	2,965

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West Virginia Vital Statistics

Deaths

Death Summary

The number of West Virginia resident deaths increased by 479, from 22,164 in 2014 to 22,643 in 2015. The state's crude death rate rose from 2014 at 12.0 per 1,000 population to 12.3 in 2015. The average age at death for West Virginians was 72.2 (69.3 for men and 75.2 for women), compared to the 2014 average of 72.1 (69.1 for men and 75.2 for women). In 2015, 148 West Virginia residents who died were age 100 or older. The oldest man was 103 years old while the oldest woman was 107 years old at the time of death.

Cancer, which is now the leading cause of death in the Mountain State for the third consecutive year; heart disease and chronic lower respiratory diseases are the three leading causes of death, accounting for 49.3% of West Virginia resident deaths in 2015. Compared with 2014, the number of state deaths due to cancer decreased by 54 or 1.1% while heart disease deaths increased by 16 or 0.3%. Also on the rise in 2015 were chronic lower respiratory disease deaths, the third leading cause of death in West Virginia, which increased by 3.1% in 2015; deaths caused by Alzheimer's disease increased by 116 or 18.7%; and influenza/pneumonia deaths increased by 52 or 11.0%. Stroke deaths, the fifth leading cause, decreased by 29 or 2.6%; along with diabetes mellitus deaths, which decreased by 35 or 4.3% and dementia, the sixth leading cause of death in the Mountain State, decreased by 72 or 7.0%

Accidental deaths were the fourth leading cause of death for the ninth year in a row. The number of accidental deaths rose by 135 (9.8%), from 1,383 in 2014 to 1,518 in 2015. Accidents were the leading cause of death for ages one through 44 years. Motor vehicle accident and accidental poisoning fatalities are the two leading causes of death for young adults aged 15 through 24, accounting for nearly fifty percent (47.6%) of all deaths for this age group in 2015. Motor vehicle accident deaths decreased by 21 or 6.5%, from 325 in 2014 to 304 in 2015. West Virginia's 2015 motor vehicle fatalities included two children under five years of age, five less than 2014. Accidental poisoning deaths are still a major concern in West Virginia, as it increased by 88 (14.8%) from 594 in 2013 to 682 in 2015. Accidental poisoning accounted for one-third (33.4%) of all deaths in the age group of 25-34. The vast majority of these deaths were due to both legal and illicit ingestion of prescription pharmaceuticals.

Suicides decreased by 21, from 360 to 339 between 2014 and 2015. Male suicides decreased by 11 or 3.9%, from 281 in 2014 to 270 in 2015; the number of female suicides (69) decreased by 10 or 12.7% from 2014. Sixty-three percent (63.1%) of all suicide deaths were firearm related — 68.5% of male suicides and 42.0% of female suicides. The average age of death for a suicide victim in 2015 was 50.2 years. While suicide was the 12th leading cause of death overall, it was the second leading cause of death for ages 15-34. The number of suicides among persons aged 19 and under was 13 in 2015, seven less than 2014 at 20.

Homicides decreased by 24, from 104 in 2014 to 80 in 2015. Sixty-one (61) of the homicide victims were male, 19 were female. The average age at death for a homicide victim in 2015 was 38.9 years. There were four homicide victims under the age of five in 2015, two less than 2014 at six. More than sixty percent (62.5%) of 2015 homicide deaths were due to firearms.

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

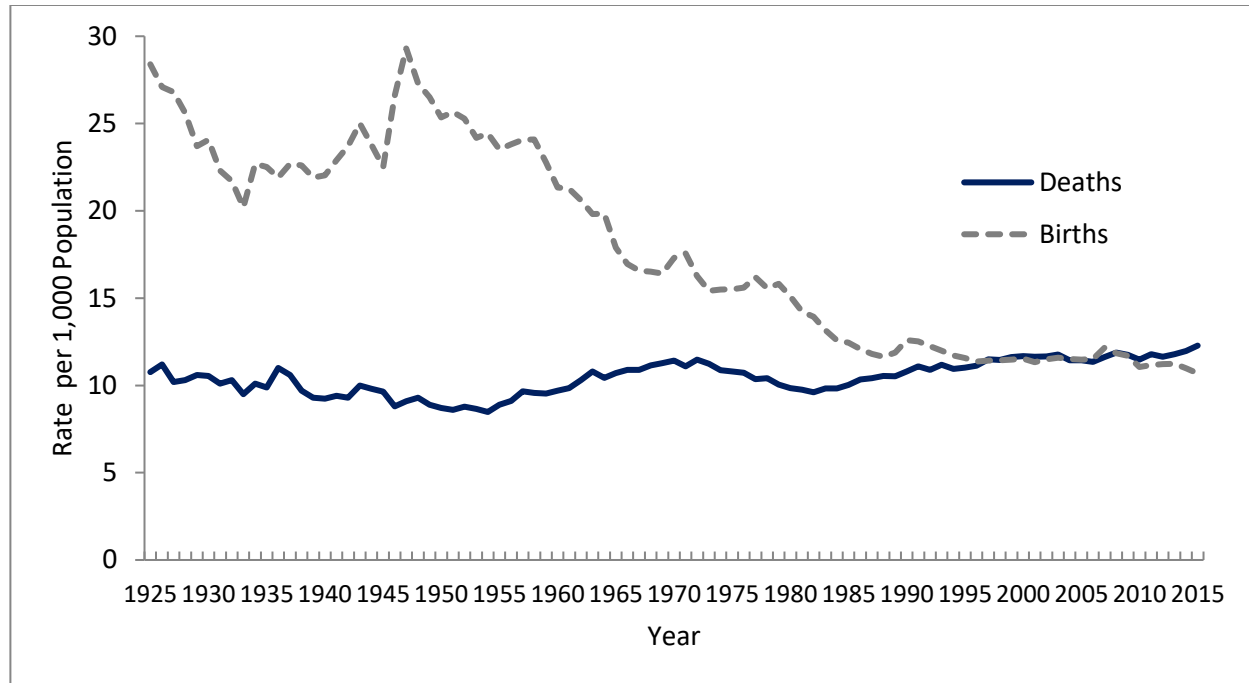
Years of Potential Life Lost (YPLL)

YPLL is a measure of mortality calculated as the difference between age 75 (an average life span) and the age at death. Using YPLL before age 75, the sum of YPLL across all causes of death represents the total YPLL for all persons dying before the age of 75. A person dying at the age of 33 would, therefore, contribute 42 years to the total YPLL ($75-33=42$). YPLL is an important tool in emphasizing and evaluating causes of premature death.

The YPLL from all causes increased 0.8%, from 179,793 YPLL in 2014 to 181,297 in 2015. The four leading causes of YPLL in 2015 were malignant neoplasms (35,658 YPLL), non-motor vehicle accidents (27,216 YPLL), diseases of the heart (22,940 YPLL) and motor vehicle accidents (9,497 YPLL). Combined, these four causes accounted for more than half (52.6%) of all years of potential life lost in 2015. In comparison to 2014, YPLL attributable to malignant neoplasms decreased from 20.5% to 19.7% of the total YPLL, non-motor vehicle accidents increased from 13.4% to 15.0%, YPLL due to diseases of the heart decreased from 14.1% to 12.7% and the percentage of total YPLL due to motor vehicle accidents remained the same at 5.2%.

Number and Rate of Resident Deaths (Compared to Births) West Virginia, 1925-2015

Exhibit 10



Year	Deaths		Births	
	Number of Deaths	Rate per 1,000 Population	Number of Live Births	Rate per 1,000 Population
1925	17,132	10.8	45,240	28.4
1930	18,220	10.5	41,614	24.1
1935	18,342	9.9	41,775	22.5
1940	17,577	9.2	41,900	22.0
1945	16,464	9.6	38,446	22.5
1950	17,459	8.7	50,850	25.4
1955	16,712	8.9	44,199	23.5
1960	18,040	9.7	39,696	21.3
1965	19,121	10.7	31,958	17.9
1970	19,924	11.4	30,194	17.3
1975	19,479	10.8	27,960	15.5
1980	19,178	9.8	29,438	15.1
1985	19,425	10.0	24,108	12.5
1990	19,360	10.8	22,582	12.6
1995	20,128	11.0	21,158	11.6
2000	21,127	11.7	20,860	11.5
2005	20,773	11.4	20,834	11.5
2010	21,278	11.5	20,471	11.0
2011	21,870	11.8	20,705	11.2
2012	21,586	11.6	20,813	11.2
2013	21,846	11.8	20,829	11.2
2014	22,164	12.0	20,303	11.0
2015	22,643	12.3	19,778	10.7

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Summary Totals
West Virginia Resident Deaths, 2015
Table 17

Characteristic	Number	Percent	Characteristic	Number	Percent
<u>Total</u>			<u>Place Death Occurred</u>		
Residence	22,643	100.0%	WV Hospital	7,339	32.4%
Occurrence	22,178		Home	6,665	29.4%
			Licensed Nursing Home	3,217	14.2%
<u>Gender</u>			Hospice Care	2,196	9.7%
Male	11,516	50.9%	Named Place or Street Address	972	4.3%
Female	11,127	49.1%	Out-of-State Hospital	1,550	6.8%
			Unlicensed Personal Care	444	2.0%
<u>Disposition of Death</u>			En Route to Hospital	239	1.1%
Burial	13,299	58.9%	Clinic or Center	18	0.1%
Cremation	7,248	32.1%	Other and Unknown	3	0.0%
Removal from State	1,089	4.8%			
Donation	381	1.7%	<u>Race</u>		
Other	581	2.6%	White or Caucasian	21,895	96.7%
Unknown	45		Black or African American	701	3.1%
			All Other Races	47	0.2%
<u>Age at Death</u>			<u>Leading Causes of Death</u>		
Less than One Year of Age	139	0.6%	Malignant Neoplasms	4,819	21.3%
One to Four Years	19	0.1%	Diseases of the Heart	4,705	20.8%
Five to Fourteen Years	35	0.2%	Chronic Lower Respiratory Disease	1,625	7.2%
Fifteen to Nineteen Years	63	0.3%	Accidents, All Forms	1,518	6.7%
Twenty to Twenty-Four Years	143	0.6%	Cerebrovascular Disease	1,070	4.7%
Twenty-Five to Thirty-Four Years	413	1.8%	Dementia	954	4.2%
Thirty-Five to Forty-Four Years	708	3.1%	Diabetes Mellitus	784	3.5%
Forty-Five to Fifty-Four Years	1,562	6.9%	Alzheimer's Disease	737	3.3%
Fifty-Five to Sixty-Four Years	3,279	14.5%	Influenza and Pneumonia	523	2.3%
Sixty-Five to Seventy-Four Years	4,560	20.1%	Nephritis, Nephrotic Syndrome and Nephrosis	508	2.2%
Seventy-Five to Eighty-Four Years	5,549	24.5%	All Other Causes (Residual)	5,400	23.8%
Eighty-Five Years and Older	6,173	27.3%			

Note: En Route to Hospital includes any patient status listed as Dead On Arrival
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Out-of-State Occurrences
West Virginia Resident Deaths, 2011-2015
Table 18

State	2011 Deaths	2012 Deaths	2013 Deaths	2014 Deaths	2015 Deaths
Virginia	617	603	552	609	603
Ohio	602	437	613	681	604
Maryland	282	207	256	274	301
Pennsylvania	193	226	214	208	171
Kentucky	162	163	140	178	178
North Carolina	55	48	58	53	71
Florida	50	46	49	46	46
Tennessee	18	30	20	12	20
South Carolina	20	8	20	14	17
District of Columbia	8	5	11	15	20
Georgia	14	0	7	11	11
Texas	9	8	11	8	5
All Other States/Countries	49	47	41	38	58
Total	2,079	1,828	1,992	2,147	2,105

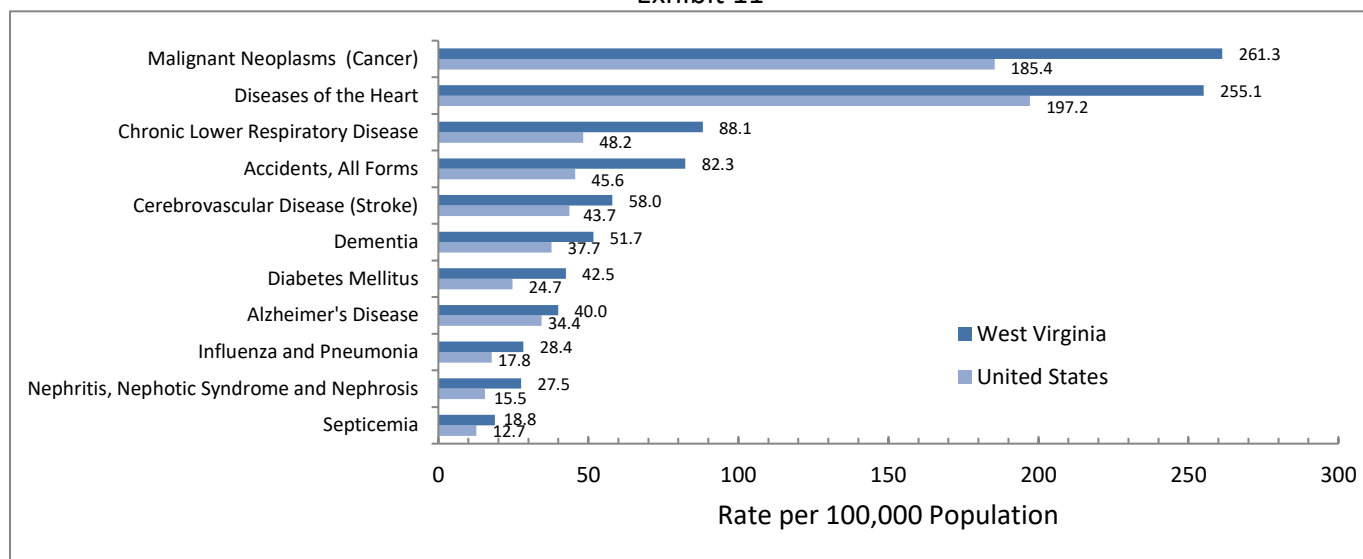
Deaths to Out-of-State Residents
West Virginia Occurrence Deaths, 2011-2015
Table 19

State	2011 Deaths	2012 Deaths	2013 Deaths	2014 Deaths	2015 Deaths
Ohio	804	780	762	800	845
Virginia	187	178	166	169	192
Pennsylvania	169	191	176	161	178
Kentucky	178	155	183	184	155
Maryland	136	161	153	145	157
Florida	24	34	29	18	25
North Carolina	24	14	17	23	17
Tennessee	6	9	8	8	10
Michigan	11	5	6	11	6
South Carolina	8	7	8	8	5
New York	7	6	5	7	6
Georgia	4	6	3	7	7
All Other States/Countries	53	48	51	47	37
Total	1,611	1,594	1,567	1,588	1,640

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2015 West Virginia and United States Resident Deaths
Leading Causes of Death
Exhibit 11



Leading Cause of Death	West Virginia			United States*		
	Number of Deaths	Rate per 100,000 Population	Percent of Total	Number of Deaths	Rate per 100,000 Population	Percent of Total
Malignant Neoplasms	4,819	261.3	21.3%	595,930	185.4	22.0%
Diseases of the Heart	4,705	255.1	20.8%	633,842	197.2	23.4%
Chronic Lower Respiratory Disease	1,625	88.1	7.2%	155,041	48.2	5.7%
Accidents, All Forms	1,518	82.3	6.7%	146,571	45.6	5.4%
Cerebrovascular Disease	1,070	58.0	4.7%	140,323	43.7	5.2%
Dementia	954	51.7	4.2%	121,176	37.7	4.5%
Diabetes Mellitus	784	42.5	3.5%	79,535	24.7	2.9%
Alzheimer's Disease	737	40.0	3.3%	110,561	34.4	4.1%
Influenza and Pneumonia	523	28.4	2.3%	57,062	17.8	2.1%
Nephritis, Nephrotic Syndrome and Nephrosis	508	27.5	2.2%	49,959	15.5	1.8%
Septicemia	347	18.8	1.5%	40,773	12.7	1.5%
Total for Leading Causes	17,590	953.8	77.7%	2,130,773	662.9	78.6%
All Other Causes (Residual)	5,053	274.0	22.3%	581,857	181.0	21.4%
Total for All Causes	22,643	1,227.8	100.0%	2,712,630	844.0	100.0%

* CDC Wonder - wonder.cdc.gov

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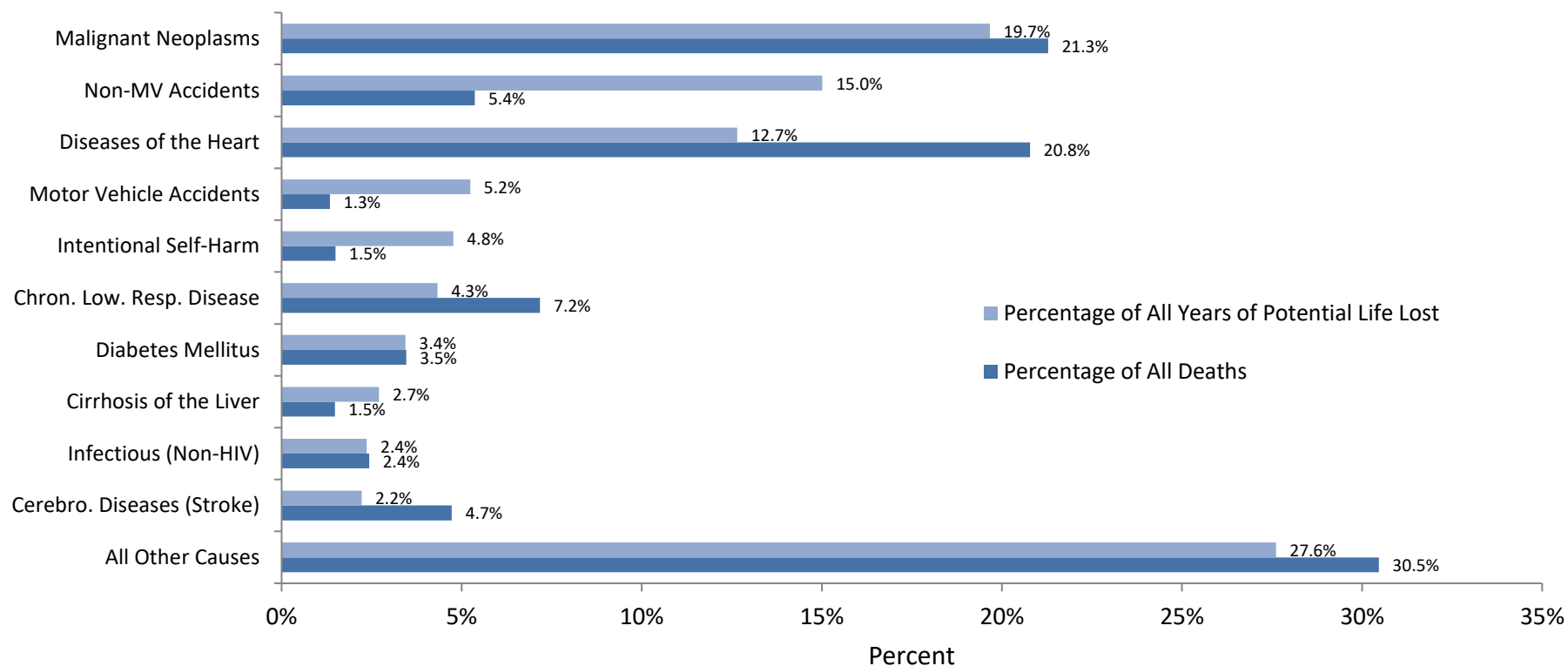
Top Twenty Leading Causes of Years of Potential Life Lost Before Age 75*
 Compared to Actual Deaths of All Ages
 West Virginia Residents, 2014 and 2015
 Table 20

Cause of Death	Years of Potential Life Lost Before Age 75				Actual Deaths			
	2014		2015		2014		2015	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Causes	179,793	100.0%	181,297	100.0%	22,164	100.0%	22,643	100.0%
Malignant Neoplasms (Cancer)	36,858	20.5%	35,658	19.7%	4,873	22.0%	4,819	21.3%
Non-motor Vehicle Accidents	24,114	13.4%	27,216	15.0%	1,058	4.8%	1,214	5.4%
Diseases of the Heart	25,431	14.1%	22,940	12.7%	4,689	21.2%	4,705	20.8%
Motor Vehicle Accidents	9,262	5.2%	9,497	5.2%	325	1.5%	304	1.3%
Intentional Self-Harm (Suicides)	9,895	5.5%	8,638	4.8%	360	1.6%	339	1.5%
Chronic Lower Respiratory Diseases	7,247	4.0%	7,848	4.3%	1,576	7.1%	1,625	7.2%
Diabetes Mellitus	6,021	3.3%	6,236	3.4%	819	3.7%	784	3.5%
Chronic Liver Disease and Cirrhosis	4,835	2.7%	4,900	2.7%	343	1.5%	335	1.5%
Infectious and Parasitic Diseases (excluding HIV)	3,927	2.2%	4,289	2.4%	560	2.5%	550	2.4%
Cerebrovascular Diseases (Stroke)	4,284	2.4%	4,024	2.2%	1,099	5.0%	1,070	4.7%
Congenital Malformations	3,601	2.0%	3,652	2.0%	77	0.3%	81	0.4%
Assault (Homicides)	3,702	2.1%	2,908	1.6%	104	0.5%	80	0.4%
Injury Undetermined Whether Accidental or Purposely Inflicted	1,476	0.8%	2,315	1.3%	50	0.2%	76	0.3%
Influenza and Pneumonia	2,800	1.6%	2,313	1.3%	471	2.1%	523	2.3%
Nephritis, Nephrotic Syndrome and Nephrosis	2,010	1.1%	2,212	1.2%	477	2.2%	508	2.2%
Obesity	1,609	0.9%	2,027	1.1%	73	0.3%	94	0.4%
Alcohol or Drug Psychoses, Dependence or Abuse	1,611	0.9%	1,933	1.1%	73	0.3%	88	0.4%
Essential Hypertension and Hypertensive Renal Disease	1,412	0.8%	1,781	1.0%	244	1.1%	297	1.3%
Disorders Relating to Short Gestation and Unspecified Low Birthweight	1,714	1.0%	1,639	0.9%	23	0.1%	22	0.1%
Sudden Infant Death Syndrome	1,565	0.9%	1,118	0.6%	21	0.1%	15	0.1%
All Other Causes (Residual)	26,423	14.7%	28,157	15.5%	4,849	21.9%	5,114	22.6%

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*Top 20 leading causes in 2015.

**Top Ten Causes of Years of Potential Life Lost Before Age 75
Compared to Resident Deaths of All Ages
West Virginia Resident Deaths, 2015
Exhibit 12**



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Leading Causes of Death by Age Group and Gender
West Virginia Resident Deaths, 2015
Table 21

Leading Causes of Death	Total, All Age Groups					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	11,516		11,127		22,643	
Malignant Neoplasms (Cancer)	2,587	22.5%	2,232	20.1%	4,819	21.3%
Diseases of the Heart	2,427	21.1%	2,278	20.5%	4,705	20.8%
Chronic Lower Respiratory Disease	778	6.8%	847	7.6%	1,625	7.2%
Accidents, All Forms	946	8.2%	572	5.1%	1,518	6.7%
Cerebrovascular Disease (Stroke)	450	3.9%	620	5.6%	1,070	4.7%
Dementia	316	2.7%	638	5.7%	954	4.2%
Diabetes Mellitus	409	3.6%	375	3.4%	784	3.5%
Alzheimer's Disease	206	1.8%	531	4.8%	737	3.3%
Influenza and Pneumonia	258	2.2%	265	2.4%	523	2.3%
Nephritis, Nephrotic Syndrome and Nephrosis	246	2.1%	262	2.4%	508	2.2%
All Other Causes (Residual)	2,893	25.1%	2,507	22.5%	5,400	23.8%

Leading Causes of Death	Less than One Year					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	76		63		139	
Congenital Malformations	18	23.7%	13	20.6%	31	22.3%
Disorders Relating to Short Gestation/Unspecified LBW	13	17.1%	9	14.3%	22	15.8%
Sudden Infant Death Syndrome	9	11.8%	6	9.5%	15	10.8%
Accidents, All Forms	4	5.3%	3	4.8%	7	5.0%
Other Respiratory and Cardiovascular Conditions of the Newborn	6	7.9%	1	1.6%	7	5.0%
Maternal Complications of Pregnancy	3	3.9%	3	4.8%	6	4.3%
Complications of Placenta, Cord, and Membrane	4	5.3%	2	3.2%	6	4.3%
Infections Specific to the Perinatal Period	2	15.4%	2	22.2%	4	18.2%
Other and Unspecified Perinatal Conditions	2	2.6%	2	3.2%	4	2.9%
Injury Undetermined Whether Accidental or Purposely Inflicted	1	1.3%	2	3.2%	3	2.2%
Neonatal Digestive Disorders	2	2.6%	1	1.6%	3	2.2%
Respiratory Distress Syndrome	1	2.6%	1	3.2%	2	2.9%
Assault (Homicides)	2	2.6%	0	0.0%	2	1.4%
All Other Causes (Residual)	9	11.8%	18	28.6%	27	19.4%

Leading Causes of Death	One to Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	10		9		19	
Congenital Malformations	1	10.0%	4	44.4%	5	26.3%
Accidents, All Forms	4	40.0%	0	0.0%	4	21.1%
Assault (Homicides)	1	10.0%	1	11.1%	2	10.5%
Malignant Neoplasms (Cancer)	1	10.0%	0	0.0%	1	5.3%
Perinatal Conditions	1	10.0%	0	0.0%	1	5.3%
All Other Causes (Residual)	2	20.0%	4	44.4%	6	31.6%

Note: Percentages in each category are calculated as a total for that gender.

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Leading Causes of Death by Age Group and Gender
West Virginia Resident Deaths, 2015
Table 21 (Cont'd)

Leading Causes of Death	Five to Nine Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	5		5		10	
Accidents, All Forms	0	0.0%	3	60.0%	3	30.0%
Injury Undetermined Whether Accidental or Purposely Inflicted	1	20.0%	1	20.0%	2	20.0%
Malignant Neoplasms (Cancer)	2	40.0%	0	0.0%	2	20.0%
All Other Causes (Residual)	2	40.0%	1	20.0%	3	30.0%

Leading Causes of Death	Ten to Fourteen Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	12		13		25	
Accidents, All Forms	5	41.7%	4	30.8%	9	36.0%
Intentional Self-Harm (Suicides)	1	8.3%	2	15.4%	3	12.0%
Congenital Malformations	2	16.7%	0	0.0%	2	8.0%
All Other Causes (Residual)	4	33.3%	7	53.8%	11	44.0%

Leading Causes of Death	Fifteen to Twenty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	132		74		206	
Accidents, All Forms	72	54.5%	36	48.6%	108	52.4%
Intentional Self-Harm (Suicides)	20	15.2%	7	9.5%	27	13.1%
Assault (Homicides)	11	8.3%	2	2.7%	13	6.3%
Malignant Neoplasms (Cancer)	4	3.0%	4	5.4%	8	3.9%
Congenital Malformations	1	0.8%	3	4.1%	4	1.9%
Injury Undetermined Whether Accidental or Purposely Inflicted	3	2.3%	1	1.4%	4	1.9%
Diseases of the Heart	2	1.5%	1	1.4%	3	1.5%
Chronic Lower Respiratory Disease	0	0.0%	2	2.7%	2	1.0%
Obesity	2	1.5%	0	0.0%	2	1.0%
Ill-Defined Conditions	0	0.0%	2	2.7%	2	1.0%
All Other Causes (Residual)	17	12.9%	18	24.3%	35	17.0%

Leading Causes of Death	Twenty-Five to Thirty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	286		127		413	
Accidents, All Forms	151	52.8%	58	45.7%	209	50.6%
Intentional Self-Harm (Suicides)	37	12.9%	7	5.5%	44	10.7%
Diseases of the Heart	12	4.2%	11	8.7%	23	5.6%
Assault (Homicides)	15	5.2%	3	2.4%	18	4.4%
Malignant Neoplasms (Cancer)	8	2.8%	9	7.1%	17	4.1%
Injury Undetermined Whether Accidental or Purposely Inflicted	7	2.4%	4	3.1%	11	2.7%
Diabetes Mellitus	5	1.7%	2	1.6%	7	1.7%
Nephritis, Nephrotic Syndrome and Nephrosis	6	2.1%	1	0.8%	7	1.7%
Chronic Liver Disease and Cirrhosis	5	1.7%	1	0.8%	6	1.5%
Cerebrovascular Disease (Stroke)	5	1.7%	0	0.0%	5	1.2%
All Other Causes (Residual)	35	12.2%	31	24.4%	66	16.0%

Note: Percentages in each category are calculated as a total for that gender.
DHHR, Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2017

Leading Causes of Death by Age Group and Gender
West Virginia Resident Deaths, 2015
Table 21 (Cont'd)

Leading Causes of Death	Thirty-Five to Forty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	438		270		708	
Accidents, All Forms	162	37.0%	93	34.4%	255	36.0%
Diseases of the Heart	51	11.6%	28	10.4%	79	11.2%
Malignant Neoplasms (Cancer)	40	9.1%	37	13.7%	77	10.9%
Intentional Self-Harm (Suicides)	42	9.6%	18	6.7%	60	8.5%
Chronic Liver Disease and Cirrhosis	15	3.4%	9	3.3%	24	3.4%
Diabetes Mellitus	11	2.5%	11	4.1%	22	3.1%
Obesity	14	3.2%	5	1.9%	19	2.7%
Assault (Homicides)	12	2.7%	4	1.5%	16	2.3%
Cerebrovascular Disease (Stroke)	10	2.3%	4	1.5%	14	2.0%
Injury Undetermined Whether Accidental or Purposely Inflicted	7	1.6%	6	2.2%	13	1.8%
All Other Causes (Residual)	74	16.9%	55	20.4%	129	18.2%

Leading Causes of Death	Forty-Five to Fifty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	933		629		1,562	
Malignant Neoplasms (Cancer)	166	17.8%	172	27.3%	338	21.6%
Accidents, All Forms	177	19.0%	86	13.7%	263	16.8%
Diseases of the Heart	170	18.2%	82	13.0%	252	16.1%
Diabetes Mellitus	45	4.8%	29	4.6%	74	4.7%
Chronic Lower Respiratory Disease	30	3.2%	39	6.2%	69	4.4%
Chronic Liver Disease and Cirrhosis	41	4.4%	23	3.7%	64	4.1%
Intentional Self-Harm (Suicides)	45	4.8%	19	3.0%	64	4.1%
Cerebrovascular Disease (Stroke)	24	2.6%	16	2.5%	40	2.6%
Obesity	18	1.9%	7	1.1%	25	1.6%
Influenza and Pneumonia	15	1.6%	8	1.3%	23	1.5%
All Other Causes (Residual)	202	21.7%	148	23.5%	350	22.4%

Leading Causes of Death	Fifty-Five to Sixty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	1,967		1,312		3,279	
Malignant Neoplasms (Cancer)	609	31.0%	432	32.9%	1,041	31.7%
Diseases of the Heart	337	17.1%	193	14.7%	530	16.2%
Chronic Lower Respiratory Disease	111	5.6%	115	8.8%	226	6.9%
Accidents, All Forms	143	7.3%	65	5.0%	208	6.3%
Diabetes Mellitus	76	3.9%	74	5.6%	150	4.6%
Chronic Liver Disease and Cirrhosis	92	4.7%	23	1.8%	115	3.5%
Cerebrovascular Disease (Stroke)	55	2.8%	38	2.9%	93	2.8%
Septicemia	38	1.9%	28	2.1%	66	2.0%
Intentional Self-Harm (Suicides)	49	2.5%	8	0.6%	57	1.7%
Nephritis, Nephrotic Syndrome and Nephrosis	20	1.0%	35	2.7%	55	1.7%
All Other Causes (Residual)	437	22.2%	301	22.9%	738	22.5%

Note: Percentages in each category are calculated as a total for that gender.

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Health Statistics Center, Vital Statistics System, 2017

Leading Causes of Death by Age Group and Gender
West Virginia Resident Deaths, 2015
Table 21 (Cont'd)

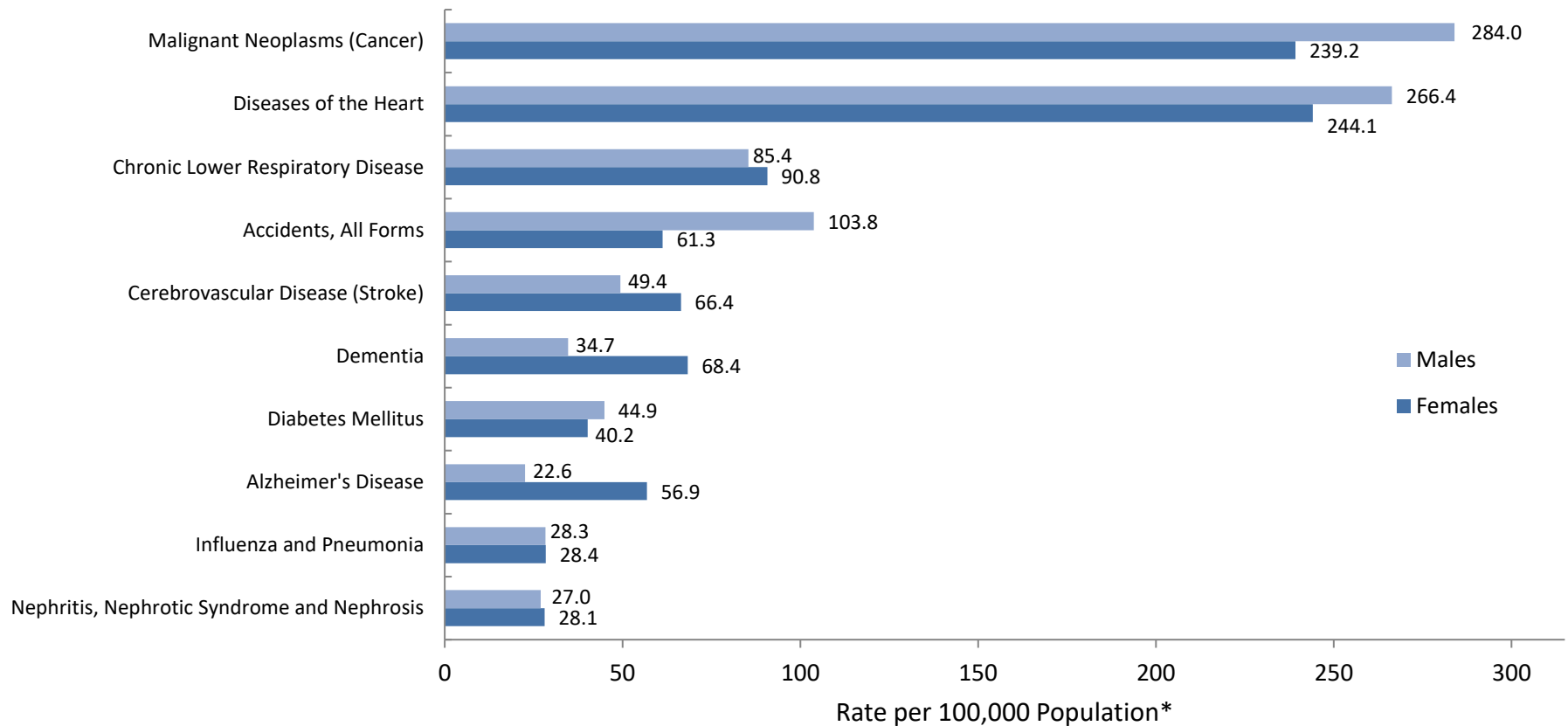
Leading Causes of Death	Sixty-Five to Seventy-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	2,608		1,952		4,560	
Malignant Neoplasms (Cancer)	787	30.2%	603	30.9%	1,390	30.5%
Diseases of the Heart	540	20.7%	326	16.7%	866	19.0%
Chronic Lower Respiratory Disease	210	8.1%	211	10.8%	421	9.2%
Diabetes Mellitus	121	4.6%	88	4.5%	209	4.6%
Cerebrovascular Disease (Stroke)	83	3.2%	92	4.7%	175	3.8%
Accidents, All Forms	89	3.4%	44	2.3%	133	2.9%
Nephritis, Nephrotic Syndrome and Nephrosis	69	2.6%	50	2.6%	119	2.6%
Influenza and Pneumonia	53	2.0%	40	2.0%	93	2.0%
Septicemia	42	1.6%	35	1.8%	77	1.7%
Chronic Liver Disease and Cirrhosis	42	1.6%	28	1.4%	70	1.5%
All Other Causes (Residual)	572	21.9%	435	22.3%	1,007	22.1%

Leading Causes of Death	Seventy-Five to Eighty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	2,789		2,760		5,549	
Malignant Neoplasms (Cancer)	659	23.6%	570	20.7%	1,229	22.1%
Diseases of the Heart	643	23.1%	583	21.1%	1,226	22.1%
Chronic Lower Respiratory Disease	268	9.6%	276	10.0%	544	9.8%
Cerebrovascular Disease (Stroke)	139	5.0%	171	6.2%	310	5.6%
Dementia	108	3.9%	151	5.5%	259	4.7%
Alzheimer's Disease	73	2.6%	132	4.8%	205	3.7%
Diabetes Mellitus	99	3.5%	89	3.2%	188	3.4%
Nephritis, Nephrotic Syndrome and Nephrosis	87	3.1%	79	2.9%	166	3.0%
Accidents, All Forms	68	2.4%	71	2.6%	139	2.5%
Influenza and Pneumonia	67	2.4%	61	2.2%	128	2.3%
All Other Causes (Residual)	578	20.7%	577	20.9%	1,155	20.8%

Leading Causes of Death	Eighty-Five Years and Over					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	2,260		3,913		6,173	
Diseases of the Heart	671	29.7%	1,052	26.9%	1,723	27.9%
Malignant Neoplasms (Cancer)	310	13.7%	405	10.4%	715	11.6%
Dementia	170	7.5%	455	11.6%	625	10.1%
Alzheimer's Disease	104	4.6%	373	9.5%	477	7.7%
Cerebrovascular Disease (Stroke)	134	5.9%	299	7.6%	433	7.0%
Chronic Lower Respiratory Disease	152	6.7%	197	5.0%	349	5.7%
Influenza and Pneumonia	88	3.9%	129	3.3%	217	3.5%
Accidents, All Forms	71	3.1%	109	2.8%	180	2.9%
Nephritis, Nephrotic Syndrome and Nephrosis	58	2.6%	85	2.2%	143	2.3%
Diabetes Mellitus	52	2.3%	82	2.1%	134	2.2%
All Other Causes (Residual)	450	19.9%	727	18.6%	1,177	19.1%

Note: Percentages in each category are calculated as a total for that gender.
DHHR, Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2017

2015 Ten Leading Causes of Death by Gender
West Virginia Resident Death Rates*
Exhibit 13



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*Using 2015 estimated Census data for WV: Males = 911,060; Females = 933,068

Types of Firearm Injury Deaths by Age Group and Gender
West Virginia Residents, 2015
Table 22

	Age in Years									Total
	0-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	
Both Genders										
Accidental	0	0	0	0	0	0	0	0	0	0
Intentional Self-Harm (Suicide)	0	1	6	10	19	30	31	41	76	214
Assault (Homicide)	0	0	4	8	14	9	8	4	3	50
Legal Intervention	0	0	0	0	2	1	4	1	0	8
Undetermined	0	0	2	2	0	0	1	0	0	5
Total	0	1	12	20	35	40	44	46	79	277
Male										
Accidental	0	0	0	0	0	0	0	0	0	0
Intentional Self-Harm (Suicide)	0	1	5	7	17	24	23	38	70	185
Assault (Homicide)	0	0	4	6	12	7	5	2	2	38
Legal Intervention	0	0	0	0	2	1	3	1	0	7
Undetermined	0	0	2	1	0	0	1	0	0	4
Total	0	1	11	14	31	32	32	41	72	234
Female										
Accidental	0	0	0	0	0	0	0	0	0	0
Intentional Self-Harm (Suicide)	0	0	1	3	2	6	8	3	6	29
Assault (Homicide)	0	0	0	2	2	2	3	2	1	12
Legal Intervention	0	0	0	0	0	0	1	0	0	1
Undetermined	0	0	0	1	0	0	0	0	0	1
Total	0	0	1	6	4	8	12	5	7	43

Non-Transport Accidental Injury Deaths
Place Where Injury Occurred
West Virginia Residents, 2015
Table 23

Place of Injury	Male	Female	Total
Home	336	247	583
Farm	1	0	1
Mine and Quarry	1	0	1
Industrial Places	0	0	0
Public Building	0	0	0
Recreational Places	0	0	0
Resident Institution	0	0	0
Street and Highway	1	0	1
Other Specified Places	228	144	372
Unspecified Places	21	15	36
Total	588	406	994

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Causes of Resident Deaths: Number and Rate
West Virginia, 2015
Table 24

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
A00-Z99*	Total Deaths, All Causes	22,643	12.3
A00-B99	Certain Infectious and Parasitic Diseases	565	30.6
A00-A09	Intestinal Infectious Diseases	100	5.4
A04	Other Bacterial Intestinal Infections	80	4.3
A08	Viral and Other Specified Intestinal Infections	1	0.1
A09	Diarrhea and Gastroenteritis of Presumed Infectious Origin	19	1.0
A15-A19	Tuberculosis	1	0.1
A16	Respiratory Tuberculosis, Not Confirmed Bacteriologically or Histologically	1	0.1
A30-A49	Other Bacterial Diseases	364	19.7
A31	Infection due to Other Mycobacteria	3	0.2
A32	Listeriosis	1	0.1
A39	Meningococcal Infection	1	0.1
A40	Streptococcal Septicemia	4	0.2
A41	Other Septicemia	343	18.6
A49	Bacterial Infection of Unspecified Site	12	0.7
A80-A89	Viral Infections of the Central Nervous System	3	0.2
A81	Slow Virus Infections of Central Nervous System	2	0.1
A86	Unspecified Viral Encephalitis	1	0.1
B00-B09	Viral Infections Characterized by Skin and Mucous Membrane Lesions	4	0.2
B01	Varicella [Chickenpox]	1	0.1
B02	Zoster [Herpes Zoster]	3	0.2
B15-B19	Viral Hepatitis	42	2.3
B16	Acute Hepatitis B	7	0.4
B17	Other Acute Viral Hepatitis	2	0.1
B18	Chronic Viral Hepatitis	33	1.8
B20-B24	Human Immunodeficiency Virus [HIV] Disease	15	0.8
B20	Human Immunodeficiency Virus [HIV] Disease Resulting in Infectious and Parasitic Diseases	6	0.3
B22	Human Immunodeficiency Virus [HIV] Disease Resulting in Other Specified Diseases	3	0.2
B23	Human Immunodeficiency Virus [HIV] Disease Resulting in Other Conditions	5	0.3
B24	Unspecified Human Immunodeficiency Virus [HIV] Disease	1	0.1
B25-B34	Other Viral Diseases	8	0.4
B27	Infectious Mononucleosis	1	0.1
B33	Other Viral Diseases, Not Elsewhere Classified	1	0.1
B34	Viral Infection of Unspecified Site	6	0.3
B35-B49	Mycoses	14	0.8
B37	Candidiasis	6	0.3
B40	Blastomycosis	1	0.1
B44	Aspergillosis	1	0.1
B45	Cryptococcosis	3	0.2
B49	Unspecified Mycosis	3	0.2
B65-B83	Helminthiases	1	0.1
B78	Strongyloidiasis	1	0.1
B90-B94	Sequelae of Infectious and Parasitic Diseases	8	0.4
B91	Sequelae of Poliomyelitis	2	0.1
B94	Sequelae of Other and Unspecified Infectious and Parasitic Diseases	6	0.3
B99	Other Infectious Diseases	5	0.3
B99	Other and Unspecified Infectious Diseases	5	0.3
C00-D48	Neoplasms	4,944	268.1
C00-C97	Malignant Neoplasms	4,819	261.3
C00	Malignant Neoplasm of Lip	1	0.1
C01	Malignant Neoplasm of Base of Tongue	3	0.2
C02	Malignant Neoplasm of Other and Unspecified Parts of Tongue	16	0.9
C03	Malignant Neoplasm of Gum	1	0.1
C04	Malignant Neoplasm of Floor of Mouth	1	0.1
C06	Malignant Neoplasm of Other and Unspecified Parts of Mouth	10	0.5
C07	Malignant Neoplasm of Parotid Gland	6	0.3
C08	Malignant Neoplasm of Other and Unspecified Major Salivary Glands	1	0.1
C09	Malignant Neoplasm of Tonsil	9	0.5
C10	Malignant Neoplasm of Oropharynx	7	0.4
C11	Malignant Neoplasm of Nasopharynx	5	0.3
C13	Malignant Neoplasm of Hypopharynx	1	0.1

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

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Causes of Resident Deaths: Number and Rate
West Virginia, 2015
Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
C14	Malignant Neoplasm of Other and Ill-Defined Sites in the Lip, Oral Cavity and Pharynx	4	0.2
C15-C26	Malignant Neoplasms of Digestive Organs	1,138	61.7
C15	Malignant Neoplasm of Esophagus	125	6.8
C16	Malignant Neoplasm of Stomach	55	3.0
C17	Malignant Neoplasm of Small Intestine	6	0.3
C18	Malignant Neoplasm of Colon	371	20.1
C19	Malignant Neoplasm of Rectosigmoid Junction	24	1.3
C20	Malignant Neoplasm of Rectum	63	3.4
C21	Malignant Neoplasm of Anus and Anal Canal	12	0.7
C22	Malignant Neoplasm of Liver and Intrahepatic Bile Ducts	179	9.7
C23	Malignant Neoplasm of Gallbladder	6	0.3
C24	Malignant Neoplasm of Other and Unspecified Parts of the Biliary Tract	7	0.4
C25	Malignant Neoplasm of Pancreas	281	15.2
C26	Malignant Neoplasm of Other and Ill-Defined Digestive Organs	9	0.5
C30-C39	Malignant Neoplasms of Respiratory and Intrathoracic Organs	1,546	83.8
C31	Malignant Neoplasm of Accessory Sinuses	3	0.2
C32	Malignant Neoplasm of Larynx	51	2.8
C33	Malignant Neoplasm of Trachea	1	0.1
C34	Malignant Neoplasm of Bronchus and Lung	1,486	80.6
C37	Malignant Neoplasm of Thymus	2	0.1
C38	Malignant Neoplasm of Heart, Mediastinum and Pleura	3	0.2
C40-C41	Malignant Neoplasms of Bone and Articular Cartilage	13	0.7
C41	Malignant Neoplasm of Bone and Articular Cartilage of Other and Unspecified Sites	13	0.7
C43-C44	Melanoma and Other Malignant Neoplasms of Skin	113	6.1
C43	Malignant Neoplasm of Skin	78	4.2
C44	Other Malignant Neoplasms of Skin	35	1.9
C45-C49	Malignant Neoplasms of Mesothelial and Soft Tissue	70	3.8
C45	Mesothelioma	27	1.5
C47	Malignant Neoplasm of Peripheral Nerves and Autonomic Nervous System	1	0.1
C48	Malignant Neoplasm of Retroperitoneum and Peritoneum	11	0.6
C49	Malignant Neoplasm of Other Connective and Soft Tissue	31	1.7
C50	Malignant Neoplasm of Breast	282	15.3
C50	Malignant Neoplasm of Breast	282	15.3
C51-C58	Malignant Neoplasms of Female Genital Organs	222	12.0
C51	Malignant Neoplasm of Vulva	13	0.7
C52	Malignant Neoplasm of Vagina	2	0.1
C53	Malignant Neoplasm of Cervix Uteri	28	1.5
C54	Malignant Neoplasm of Corpus Uteri	41	2.2
C55	Malignant Neoplasm of Uterus, Part Unspecified	36	2.0
C56	Malignant Neoplasm of Ovary	97	5.3
C57	Malignant Neoplasm of Other and Unspecified Female Genital Organs	5	0.3
C60-C63	Malignant Neoplasms of Male Genital Organs	170	9.2
C60	Malignant Neoplasm of Penis	5	0.3
C61	Malignant Neoplasm of Prostate	163	8.8
C62	Malignant Neoplasm of Testis	2	0.1
C64-C68	Malignant Neoplasms of Urinary Tract	235	12.7
C64	Malignant Neoplasm of Kidney, Except Renal Pelvis	113	6.1
C65	Malignant Neoplasm of Renal Pelvis	2	0.1
C66	Malignant Neoplasm of Ureter	3	0.2
C67	Malignant Neoplasm of Bladder	115	6.2
C68	Malignant Neoplasm of Other and Unspecified Urinary Organs	2	0.1
C69-C72	Malignant Neoplasms of Eye, Brain and Other Parts of Central Nervous System	114	6.2
C70	Malignant Neoplasm of Meninges	1	0.1
C71	Malignant Neoplasm of Brain	112	6.1
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	14	0.8
C73	Malignant Neoplasm of Thyroid Gland	12	0.7
C74	Malignant Neoplasm of Adrenal Gland	2	0.1
C76-C80	Malignant Neoplasms of Ill-Defined, Secondary and Unspecified Sites	355	19.3
C76	Malignant Neoplasm of Other and Ill-Defined Sites	20	1.1

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Causes of Resident Deaths: Number and Rate
West Virginia, 2015
Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
C78	Secondary and Malignant Neoplasm of Respiratory and Digestive Organs	25	1.4
C79	Secondary Malignant Neoplasm of Other Sites	36	2.0
C80	Malignant Neoplasm without Specification of Site	274	14.9
C81-C96	Malignant Neoplasms of Lymphoid, Hematopoietic and Related Tissue	429	23.3
C81	Hodgkin's Disease	10	0.5
C82	Follicular [Nodular] Non-Hodgkin's Lymphoma	3	0.2
C83	Diffuse Non-Hodgkin's Lymphoma	31	1.7
C84	Peripheral and Cutaneous T-Cell Lymphoma	10	0.5
C85	Other and Unspecified Types of Non-Hodgkin's Lymphoma	110	6.0
C88	Malignant Immunoproliferative Diseases	2	0.1
C90	Multiple Myeloma and Malignant Plasma Cell Neoplasms	89	4.8
C91	Lymphoid Leukemia	41	2.2
C92	Myeloid Leukemia	95	5.2
C94	Other Leukemias of Specified Cell Type	1	0.1
C95	Leukemia of Unspecified Cell Type	36	2.0
C96	Other and Unspecified Malignant Neoplasm of Lymphoid, Hematopoietic and Related Tissue	1	0.1
C97	Malignant Neoplasm of Independent (Primary) Multiple Sites	53	2.9
C97	Malignant Neoplasm of Independent (Primary) Multiple Sites	53	2.9
D00-D09	In Situ Neoplasms	1	0.1
D02	Carcinoma in Situ of Middle Ear and Respiratory System	1	0.1
D10-D36	Benign Neoplasms	10	0.5
D16	Benign Neoplasm of Bone and Articular Cartilage	1	0.1
D18	Hemangioma and Lymphangioma, Any Site	1	0.1
D30	Benign Neoplasm of Urinary Organs	1	0.1
D32	Benign Neoplasm of Meninges	6	0.3
D35	Benign Neoplasm of Other and Unspecified Endocrine Gland	1	0.1
D37-D48	Neoplasms of Uncertain or Unknown Behavior	114	6.2
D37	Neoplasm of Uncertain or Unknown Behavior of Oral Cavity and Digestive Organs	12	0.7
D38	Neoplasm of Uncertain or Unknown Behavior of Middle Ear and Respiratory and Intrathoracic Organs	7	0.4
D39	Neoplasm of Uncertain or Unknown Behavior of Female Genital Organs	1	0.1
D40	Neoplasm of Uncertain or Unknown Behavior of Male Genital Organs	1	0.1
D41	Neoplasm of Uncertain or Unknown Behavior of Urinary Organs	2	0.1
D42	Neoplasm of Uncertain or Unknown Behavior of Meninges	1	0.1
D43	Neoplasm of Uncertain or Unknown Behavior of Brain and Central Nervous System	18	1.0
D44	Neoplasm of Uncertain or Unknown Behavior of Endocrine Glands	2	0.1
D45	Polycythemia Vera	1	0.1
D46	Myelodysplastic Syndromes	47	2.5
D47	Other Neoplasm of Uncertain or Unknown Behavior of Lymphoid, Hematopoietic and Related Tissue	13	0.7
D48	Neoplasm of Uncertain or Unknown Behavior of Other and Unspecified Sites	9	0.5
D50-D89	Disease of the Blood and Blood-forming Organs and Certain Disorders Involving the Immune Mechanism	102	5.5
D50-D53	Nutritional Anemias	2	0.1
D50	Iron Deficiency Anemia	1	0.1
D51	Vitamin B12 Deficiency Anemia	1	0.1
D55-D59	Hemolytic Anemias	1	0.1
D57	Sickle-Cell Disorders	1	0.1
D60-D64	Aplastic and Other Anemias	49	2.7
D61	Other Aplastic Anemias	8	0.4
D62	Acute Posthemorrhagic Anemia	3	0.2
D64	Other Anemias	38	2.1
D65-D69	Coagulation Defects, Purpura and Other Hemorrhagic Conditions	27	1.5
D65	Disseminated Intravascular Coagulation [Defibrination Syndrome]	5	0.3
D68	Other Coagulation Defects	13	0.7
D69	Purpura and Other Hemorrhagic Conditions	9	0.5
D70-D77	Other Diseases of Blood and Blood-forming Organs	11	0.6
D70	Agranulocytosis	3	0.2
D72	Other Disorders of White Blood Cells	2	0.1
D75	Other Diseases of Blood and Blood-forming Organs	2	0.1
D76	Certain Diseases Involving Lymphoreticular Tissue and Reticulohistiocytic System	4	0.2
D80-D89	Certain Disorders Involving the Immune Mechanism	12	0.7
D83	Common Variable Immunodeficiency	1	0.1

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ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
D84	Other Immunodeficiencies	3	0.2
D86	Sarcoidosis	6	0.3
D89	Other Disorders Involving the Immune Mechanism, Not Elsewhere Classified	2	0.1
E00-E90	Endocrine, Nutritional and Metabolic Diseases	1,146	62.1
E00-E07	Disorders of Thyroid Gland	27	1.5
E03	Other Hypothyroidism	21	1.1
E05	Thyrotoxicosis [Hyperthyroidism]	6	0.3
E10-E14	Diabetes Mellitus	784	42.5
E10	Insulin-Dependent Diabetes Mellitus	54	2.9
E11	Non-Insulin-Dependent Diabetes Mellitus	276	15.0
E14	Unspecified Diabetes Mellitus	454	24.6
E15-E16	Other Disorders of Glucose Regulation and Pancreatic Internal Secretion	3	0.2
E16	Other Disorders of Pancreatic Internal Secretion	3	0.2
E20-E35	Disorders of Other Endocrine Glands	4	0.2
E23	Hyperfunction and Other Disorders of Pituitary Gland	1	0.1
E25	Adrenogenital Disorders	1	0.1
E26	Hyperaldosteronism	1	0.1
E32	Disease of Thymus	1	0.1
E40-E46	Malnutrition	16	0.9
E43	Unspecified Severe Protein-Energy Malnutrition	6	0.3
E46	Unspecified Protein-Energy Malnutrition	10	0.5
E50-E64	Other Nutritional Deficiencies	1	0.1
E55	Vitamin D Deficiency	1	0.1
E65-E68	Obesity and Other Hyperalimentation	94	5.1
E66	Obesity	94	5.1
E70-E90	Metabolic Disorders	217	11.8
E72	Other Disorders of Amino-Acid Metabolism	2	0.1
E74	Other Disorders of Carbohydrate Metabolism	1	0.1
E77	Disorders of Glycoprotein Metabolism	1	0.1
E78	Disorders of Lipoprotein Metabolism and Other Lipidemias	116	6.3
E83	Disorders of Mineral Metabolism	5	0.3
E84	Cystic Fibrosis	6	0.3
E85	Amyloidosis	5	0.3
E86	Volume Depletion	12	0.7
E87	Other Disorders of Fluid, Electrolyte and Acid-Base Balance	57	3.1
E88	Other Metabolic Disorders	12	0.7
F00-F99	Mental and Behavioral Disorders	1,090	59.1
F00-F09	Organic, Including Symptomatic, Mental Disorders	973	52.8
F01	Vascular Dementia	62	3.4
F03	Unspecified Dementia	892	48.4
F05	Delirium, Not Induced by Alcohol and Other Psychoactive Substances	8	0.4
F06	Other Mental Disorders due to Brain Damage and Dysfunction and to Physical Disease	11	0.6
F10-F19	Mental and Behavioral Disorders due to Psychoactive Substance Use	88	4.8
F10	Mental and Behavioral Disorders due to Use of Alcohol	63	3.4
F14	Mental and Behavioral Disorders due to Use of Cocaine	2	0.1
F17	Mental and Behavioral Disorders due to Use of Tobacco	5	0.3
F19	Mental and Behavioral Disorders due to Multiple Drug Use and Use of Other Psychoactive Substances	18	1.0
F20-F29	Schizophrenia, Schizotypal and Delusional Disorders	6	0.3
F20	Schizophrenia	6	0.3
F30-F39	Mood [Affective] Disorders	7	0.4
F31	Bipolar Affective Disorder	3	0.2
F32	Depressive Episode	4	0.2
F40-F48	Neurotic, Stress-Related and Somatoform Disorders	2	0.1
F41	Other Anxiety Disorders	2	0.1
F50-F59	Behavioral Syndromes Associated with Physiological Disturbances and Physical Factors	2	0.1
F50	Eating Disorders	1	0.1
F54	Psychological and Behavioral Factors Associated with Disorders or Diseases Classified Elsewhere	1	0.1
F70-F79	Mental Retardation	10	0.5
F72	Severe Mental Retardation	2	0.1
F73	Profound Mental Retardation	2	0.1
F79	Unspecified Mental Retardation	6	0.3

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ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
F80-F89	Disorders of Psychological Development	1	0.1
F84	Pervasive Developmental Disorders	1	0.1
F90-F99	Behavioral and Emotional Disorders with Onset Usually Occurring in Childhood and Adolescence	1	0.1
F91	Conduct Disorders	1	0.1
G00-G99	Diseases of the Nervous System	1,283	69.6
G00-G09	Inflammatory Diseases of the Central Nervous System	11	0.6
G00	Bacterial Meningitis, Not Elsewhere Classified	2	0.1
G04	Encephalitis, Myelitis and Encephalomyelitis	4	0.2
G06	Intracranial and Intraspinal Abscess and Granuloma	4	0.2
G09	Sequelae of Inflammatory Diseases of Central Nervous System	1	0.1
G10-G14	Systemic Atrophies Primarily Affecting the Central Nervous System	65	3.5
G10	Huntington's Disease	6	0.3
G11	Hereditary Ataxia	1	0.1
G12	Spinal Muscular Atrophy and Related Syndromes	57	3.1
G14	Postpolio Syndrome	1	0.1
G20-G26	Extrapyramidal and Movement Disorders	167	9.1
G20	Parkinson's Disease	160	8.7
G21	Secondary Parkinsonism	3	0.2
G23	Other Degenerative Diseases of Basal Ganglia	3	0.2
G25	Other Extrapyramidal and Movement Disorders	1	0.1
G30-G32	Other Degenerative Diseases of the Nervous System	838	45.4
G30	Alzheimer's Disease	737	40.0
G31	Other Degenerative Diseases of Nervous System, Not Elsewhere Classified	101	5.5
G35-G37	Demyelinating Diseases of the Central Nervous System	27	1.5
G35	Multiple Sclerosis	27	1.5
G40-G47	Episodic and Paroxysmal Disorders	30	1.6
G40	Epilepsy	15	0.8
G41	Status Epilepticus	6	0.3
G45	Transient Cerebral Ischemic Attacks and Related Syndromes	1	0.1
G47	Sleep Disorders	8	0.4
G60-G64	Polyneuropathies and Other Disorders of the Peripheral Nervous System	4	0.2
G60	Hereditary and Idiopathic Neuropathy	2	0.1
G62	Other Polyneuropathies	2	0.1
G70	Diseases of Myoneural Junction and Muscle	12	0.7
G70	Myasthenia Gravis and Other Myoneural Disorders	3	0.2
G71	Primary Disorders of Muscles	9	0.5
G80-G83	Cerebral Palsy and Other Paralytic Syndromes	28	1.5
G80	Infantile Cerebral Palsy	21	1.1
G82	Paraplegia and Tetraplegia	6	0.3
G83	Other Paralytic Syndromes	1	0.1
G90-G99	Other Disorders of the Nervous System	101	5.5
G90	Disorders of Autonomic Nervous System	2	0.1
G91	Hydrocephalus	7	0.4
G92	Toxic Encephalopathy	1	0.1
G93	Other Disorders of Brain	87	4.7
G95	Other Diseases of Spinal Cord	3	0.2
G98	Other Disorders of Nervous System, Not Elsewhere Classified	1	0.1
I00-I99	Diseases of the Circulatory System	6,376	345.7
I00-I09, I11, I13, I20-I51	Diseases of the Heart	4,705	255.1
I05-I09	Chronic Rheumatic Heart Diseases	22	1.2
I05	Rheumatic Mitral Valve Diseases	11	0.6
I07	Rheumatic Tricuspid Valve Diseases	3	0.2
I08	Multiple Valve Diseases	7	0.4
I09	Other Rheumatic Heart Diseases	1	0.1
I10-I15	Hypertensive Diseases	456	24.7
I10	Essential (Primary) Hypertension	208	11.3
I11	Hypertensive Heart Disease	143	7.8
I12	Hypertensive Renal Disease	89	4.8

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ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
I13	Hypertensive Heart and Renal Disease	16	0.9
I20-I25	Ischemic Heart Diseases	2,954	160.2
I20	Angina Pectoris	4	0.2
I21	Acute Myocardial Infarction	882	47.8
I24	Other Acute Ischemic Heart Diseases	44	2.4
I25	Chronic Ischemic Heart Disease	2,024	109.8
I26-I28	Pulmonary Heart Disease and Diseases of Pulmonary Circulation	106	5.7
I26	Pulmonary Embolism	55	3.0
I27	Other Pulmonary Heart Diseases	50	2.7
I28	Other Diseases of Pulmonary Vessels	1	0.1
I30-I52	Other forms of Heart Diseases	1,464	79.4
I30	Acute Pericarditis	2	0.1
I31	Other Diseases of Pericardium	4	0.2
I33	Acute and Subacute Endocarditis	8	0.4
I34	Nonrheumatic Mitral Valve Disorders	9	0.5
I35	Nonrheumatic Aortic Valve Disorders	113	6.1
I38	Endocarditis, Valve Unspecified	33	1.8
I42	Cardiomyopathy	140	7.6
I44	Atrioventricular and Left Bundle-Branch Block	5	0.3
I45	Other Conduction Disorders	8	0.4
I46	Cardiac Arrest	84	4.6
I47	Paroxysmal Tachycardia	17	0.9
I48	Atrial Fibrillation and Flutter	204	11.1
I49	Other Cardiac Arrhythmias	63	3.4
I50	Heart Failure	650	35.2
I51	Complications and Ill-Defined Descriptions of Heart Disease	124	6.7
I60-I69	Cerebrovascular Diseases	1,070	58.0
I60	Subarachnoid Hemorrhage	35	1.9
I61	Intracerebral Hemorrhage	143	7.8
I62	Other Nontraumatic Intracranial Hemorrhage	82	4.4
I63	Cerebral Infarction	56	3.0
I64	Stroke, Not Specified as Hemorrhage or Infarction	604	32.8
I67	Other Cerebrovascular Diseases	61	3.3
I69	Sequelae of Cerebrovascular Disease	89	4.8
I70-I79	Diseases of Arteries, Arterioles and Capillaries	264	14.3
I70	Atherosclerosis	82	4.4
I71	Aortic Aneurysm and Dissection	78	4.2
I72	Other Aneurysm	3	0.2
I73	Other Peripheral Vascular Diseases	86	4.7
I74	Arterial Embolism and Thrombosis	4	0.2
I77	Other Disorders of Arteries and Arterioles	11	0.6
I80-I89	Diseases of Veins, Lymphatic Vessels and Lymph Nodes, Not Elsewhere Classified	30	1.6
I80	Phlebitis and Thrombophlebitis	19	1.0
I81	Portal Vein Thrombosis	2	0.1
I82	Other Venous Embolism and Thrombosis	2	0.1
I83	Varicose Veins of Lower Extremities	1	0.1
I85	Esophageal Varices	3	0.2
I87	Other Disorders of Veins	1	0.1
I89	Other Noninfective Disorders of Lymphatic Vessels and Lymph Nodes	2	0.1
I95-I99	Other and Unspecified Disorders of the Circulatory System	10	0.5
I95	Hypotension	4	0.2
I99	Other and Unspecified Disorders of Circulatory System	6	0.3
J00-J99	Diseases of the Respiratory System	2,624	142.3
J09-J18	Influenza and Pneumonia	523	28.4
J09	Influenza due to Identified Avian Influenza Virus	1	0.1
J10	Influenza due to Identified Influenza Virus	16	0.9
J11	Influenza, Virus Not Identified	25	1.4
J12	Viral Pneumonia, Not Elsewhere Classified	3	0.2
J13	Pneumonia due to Streptococcus Pneumoniae	2	0.1
J15	Bacterial Pneumonia, Not Elsewhere Classified	18	1.0

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ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
J18	Pneumonia, Organism Unspecified	458	24.8
J30-J39	Other Diseases of Upper Respiratory Tract	2	0.1
J32	Chronic Sinusitis	1	0.1
J39	Other Diseases of Upper Respiratory Tract	1	0.1
J40-J47	Chronic Lower Respiratory Diseases	1,625	88.1
J40	Bronchitis, Not Specified as Acute or Chronic	5	0.3
J42	Unspecified Chronic Bronchitis	1	0.1
J43	Emphysema	65	3.5
J44	Other Chronic Obstructive Pulmonary Disease	1,523	82.6
J45	Asthma	22	1.2
J46	Status Asthmaticus	3	0.2
J47	Bronchiectasis	6	0.3
J60-J70	Lung Diseases due to External Agents	198	10.7
J60	Coalworker's Pneumoconiosis	24	1.3
J61	Pneumoconiosis due to Asbestos and Other Mineral Fibers	5	0.3
J62	Pneumoconiosis due to Dust Containing Silica	1	0.1
J64	Unspecified Pneumoconiosis	11	0.6
J69	Pneumonitis due to Solids and Liquids	156	8.5
J70	Respiratory Conditions due to Other External Agents	1	0.1
J80-J84	Other Respiratory Diseases Principally Affecting the Interstitium	132	7.2
J80	Adult Respiratory Distress Syndrome	18	1.0
J81	Pulmonary Edema	5	0.3
J84	Other Interstitial Pulmonary Diseases	109	5.9
J85-J86	Suppurative and Necrotic Conditions of Lower Respiratory Tract	3	0.2
J85	Abscess of Lung and Mediastinum	2	0.1
J86	Pyothorax	1	0.1
J90-J94	Other Diseases of Pleura	25	1.4
J90	Pleural Effusion, Not Elsewhere Classified	17	0.9
J93	Pneumothorax	6	0.3
J94	Other Pleural Conditions	2	0.1
J95-J99	Other Diseases of the Respiratory System	116	6.3
J96	Respiratory Failure, Not Elsewhere Classified	67	3.6
J98	Other Respiratory Disorders	49	2.7
K00-K93	Diseases of the Digestive System	932	50.5
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	49	2.7
K20	Esophagitis	2	0.1
K21	Gastro-esophageal Reflux Disease	3	0.2
K22	Other Diseases of Esophagus	16	0.9
K25	Gastric Ulcer	6	0.3
K26	Duodenal Ulcer	8	0.4
K27	Peptic Ulcer, Site Unspecified	9	0.5
K31	Other Diseases of Stomach and Duodenum	5	0.3
K35-K38	Diseases of Appendix	4	0.2
K35	Acute Appendicitis	3	0.2
K37	Unspecified Appendicitis	1	0.1
K40-K46	Hernia	18	1.0
K40	Inguinal Hernia	1	0.1
K42	Umbilical Hernia	1	0.1
K43	Ventral Hernia	2	0.1
K44	Diaphragmatic Hernia	6	0.3
K46	Unspecified Abdominal Hernia	8	0.4
K50-K52	Noninfective Enteritis and Colitis	12	0.7
K50	Crohn's Disease [Regional Enteritis]	9	0.5
K51	Ulcerative Colitis	3	0.2
K55-K63	Other Diseases of Intestines	190	10.3
K55	Vascular Disorders of Intestine	71	3.9
K56	Paralytic Ileus and Intestinal Obstruction without Hernia	48	2.6
K57	Diverticular Disease of Intestine	21	1.1
K59	Other Functional Intestinal Disorders	5	0.3

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ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
K61	Abscess of Anal and Rectal Regions	1	0.1
K62	Other Diseases of Anus and Rectum	2	0.1
K63	Other Diseases of Intestine	42	2.3
K65-K67	Diseases of Peritoneum	16	0.9
K65	Peritonitis	14	0.8
K66	Other Disorders of Peritoneum	2	0.1
K70-K77	Diseases of Liver	467	25.3
K70	Alcoholic Liver Disease	109	5.9
K72	Hepatic Failure, Not Elsewhere Classified	33	1.8
K74	Fibrosis and Cirrhosis of Liver	226	12.3
K75	Other Inflammatory Liver Diseases	10	0.5
K76	Other Diseases of Liver	89	4.8
K80-K87	Disorders of Gallbladder, Biliary Tract and Pancreas	88	4.8
K80	Cholelithiasis	5	0.3
K81	Cholecystitis	15	0.8
K82	Other Diseases of Gallbladder	4	0.2
K83	Other Diseases of Biliary Tract	17	0.9
K85	Acute Pancreatitis	34	1.8
K86	Other Diseases of Pancreas	13	0.7
K90-K93	Other Diseases of the Digestive System	87	4.7
K90	Intestinal Malabsorption	1	0.1
K92	Other Diseases of Digestive System	86	4.7
L00-L99	Diseases of the Skin and Subcutaneous Tissue	37	2.0
L00-L08	Infections of the Skin and Subcutaneous Tissue	16	0.9
L02	Cutaneous Abscess, Furuncle and Carbuncle	1	0.1
L03	Cellulitis	13	0.7
L08	Other Local Infections of Skin and Subcutaneous Tissue	2	0.1
L10-L14	Bullous Disorders	2	0.1
L10	Pemphigus	1	0.1
L12	Pemphigoid	1	0.1
L40-L45	Papulosquamous Disorders	1	0.1
L40	Psoriasis	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	17	0.9
L89	Decubitus Ulcer	13	0.7
L93	Lupus Erythematosus	2	0.1
L98	Other Disorders of Skin and Subcutaneous Tissue, Not Elsewhere Classified	2	0.1
M00-M99	Diseases of the Musculoskeletal System and Connective Tissue	100	5.4
M00-M25	Arthropathies	36	2.0
M00-M03	Infectious Arthropathies	6	0.3
M00	Pyogenic Arthritis	6	0.3
M05-M14	Inflammatory Polyarthropathies	23	1.2
M05	Seropositive Rheumatoid Arthritis	1	0.1
M06	Other Rheumatoid Arthritis	19	1.0
M10	Gout	3	0.2
M15-M19	Arthrosis	7	0.4
M17	Gonarthrosis [Arthrosis of Knee]	2	0.1
M19	Other Arthrosis	5	0.3
M30-M36	Systemic Connective Tissue Disorders	20	1.1
M30	Polyarteritis Nodosa and Related Conditions	1	0.1
M31	Other Necrotizing Vasculopathies	6	0.3
M32	Systemic Lupus Erythematosus	6	0.3
M33	Dermatopolymyositis	3	0.2
M34	Systemic Sclerosis	3	0.2
M35	Other Systemic Involvement of Connective Tissue	1	0.1
M40-M54	Dorsopathies	6	0.3
M40-M43	Deforming Dorsopathies	1	0.1
M41	Scoliosis	1	0.1
M45-M49	Spondylopathies	4	0.2

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ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
M45	Ankylosing Spondylitis	1	0.1
M46	Other Inflammatory Spondylopathies	2	0.1
M48	Other Spondylopathies	1	0.1
M50-M54	Other Dorsopathies	1	0.1
M54	Dorsalgia	1	0.1
M60-M79	Soft Tissue Disorders	14	0.8
M60-M63	Disorders of Muscles	9	0.5
M62	Other Disorders of Muscle	9	0.5
M70-M79	Other Soft Tissue Disorders	5	0.3
M72	Fibroblastic Disorders	5	0.3
M80-M94	Osteopathies and Chondropathies	23	1.2
M80-M85	Disorders of Bone Density and Structure	4	0.2
M81	Osteoporosis without Pathological Fracture	4	0.2
M86-M90	Other Osteopathies	18	1.0
M86	Osteomyelitis	18	1.0
M91-M94	Chondropathies	1	0.1
M94	Other Disorders of Cartilage	1	0.1
M95-M99	Other Disorders of the Musculoskeletal System and Connective Tissue	1	0.1
M95	Other Acquired Deformities of Musculoskeletal System and Connective Tissue	1	0.1
N00-N99	Diseases of the Genitourinary System	703	38.1
N00-N08	Glomerular Diseases	8	0.4
N00	Acute Nephritic Syndrome	5	0.3
N02	Recurrent and Persistent Hematuria	2	0.1
N04	Nephrotic Syndrome	1	0.1
N10-N16	Renal Tubulo-Interstitial Diseases	9	0.5
N10	Acute Tubulo-Interstitial Nephritis	3	0.2
N12	Tubulo-Interstitial Nephritis, Not Specified as Acute or Chronic	2	0.1
N13	Obstructive and Reflux Uropathy	4	0.2
N17-N19	Renal Failure	500	27.1
N17	Acute Renal Failure	94	5.1
N18	Chronic Renal Failure	288	15.6
N19	Unspecified Renal Failure	118	6.4
N20-N23	Urolithiasis	3	0.2
N20	Calculus of Kidney and Ureter	3	0.2
N25-N29	Other Disorders of Kidney and Ureter	51	2.8
N28	Other Disorders of Kidney and Ureter, Not Elsewhere Classified	51	2.8
N30-N39	Other Diseases of the Urinary System	119	6.5
N30	Cystitis	1	0.1
N32	Other Disorders of Bladder	1	0.1
N39	Other Disorders of Urinary System	117	6.3
N40-N51	Diseases of Male Genital Organs	7	0.4
N40	Hyperplasia of Prostate	3	0.2
N49	Inflammatory Disorders of Male Genital Organs, Not Elsewhere Classified	3	0.2
N50	Other Disorders of Male Genital Organs	1	0.1
N60-N64	Disorders of Breast	1	0.1
N61	Inflammatory Disorders of Breast	1	0.1
N70-N77	Inflammatory Diseases of Female Pelvic Organs	2	0.1
N76	Other Inflammation of Vagina and Vulva	2	0.1
N80-N98	Noninflammatory Disorders of Female Genital Tract	3	0.2
N82	Fistula Involving Female Genital Tract	1	0.1
N94	Pain and Other Conditions Associated with Female Genital Organs and Menstrual Cycle	2	0.1
O00-O99**	Pregnancy, Childbirth and the Puerperium	4	20.2
O10-O16	Edema, Proteinuria and Hypertensive Disorders in Pregnancy, Childbirth and the Puerperium	1	5.1
O14	Gestational [Pregnancy-Induced] Hypertension with Significant Proteinuria	1	5.1
O95-O99	Other Obstetric Conditions, Not Elsewhere Classified	3	15.2
O95	Obstetric Death of Unspecified Cause	1	5.1
O96	Death from Any Obstetric Cause Occurring More Than 42 Days But Less Than One Year After Delivery	1	5.1
O99	Other Maternal Diseases Classifiable Elsewhere but Complicating Pregnancy, Childbirth and the Puerperium	1	5.1
P00-P96	Certain Conditions Originating in the Perinatal Period	64	3.5
P00-P04	Fetus and Newborn Affected by Maternal Factors and by Complications of Pregnancy, Labor and Delivery	16	0.9
P00	Fetus and Newborn Affected by Maternal Conditions That May Be Unrelated to Present Pregnancy	1	0.1

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

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Causes of Resident Deaths: Number and Rate
West Virginia, 2015
Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
P01	Fetus and Newborn Affected by Maternal Complications of Pregnancy	6	0.3
P02	Fetus and Newborn Affected by Complications of Placenta, Cord and Membranes	6	0.3
P04	Fetus and Newborn Affected by Noxious Influences Transmitted Via Placenta or Breast Milk	3	0.2
P05-P08	Disorders Related to Length of Gestation and Fetal Growth	23	1.2
P05	Slow Fetal Growth and Fetal Malnutrition	1	0.1
P07	Disorders Related to Short Gestation and Low Birthweight, Not Elsewhere Classified	22	1.2
P10-P15	Birth Trauma	1	0.1
P13	Birth Injury to Skeleton	1	0.1
P20-P29	Respiratory and Cardiovascular Disorders Specific to the Perinatal Period	11	0.6
P21	Birth Asphyxia	1	0.1
P22	Respiratory Distress of Newborn	2	0.1
P23	Congenital Pneumonia	1	0.1
P24	Neonatal Aspiration Syndromes	2	0.1
P26	Pulmonary Hemorrhage Originating in the Perinatal Period	1	0.1
P27	Chronic Respiratory Disease Originating in the Perinatal Period	1	0.1
P28	Other Respiratory Conditions Originating in the Perinatal Period	1	0.1
P29	Cardiovascular Disorders Originating in the Perinatal Period	2	0.1
P35-P39	Infections Specific to the Perinatal Period	4	0.2
P36	Bacterial Sepsis of Newborn	3	0.2
P37	Other Congenital Infectious and Parasitic Diseases	1	0.1
P50-P61	Hemorrhagic and Hematological Disorders of Fetus and Newborn	2	0.1
P52	Intracranial Nontraumatic Hemorrhage of Fetus and Newborn	1	0.1
P60	Disseminated Intravascular Coagulation of Fetus and Newborn	1	0.1
P75-P78	Digestive System Disorders of Fetus and Newborn	3	0.2
P77	Necrotizing Enterocolitis of Fetus and Newborn	3	0.2
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
P90	Convulsions of Newborn	1	0.1
P96	Other Conditions Originating in the Perinatal Period	1	0.1
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	81	4.4
Q00-Q07	Congenital Malformations of the Nervous System	7	0.4
Q00	Anencephaly and Similar Malformations	1	0.1
Q02	Microcephaly	1	0.1
Q03	Congenital Hydrocephalus	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	26	1.4
Q20	Congenital Malformations of Cardiac Chambers and Connections	2	0.1
Q21	Congenital Malformations of Cardiac Septa	7	0.4
Q22	Congenital Malformations of Pulmonary and Tricuspid Valves	1	0.1
Q23	Congenital Malformations of Aortic and Mitral Valves	2	0.1
Q24	Other Congenital Malformations of the Heart	9	0.5
Q25	Congenital Malformations of Great Arteries	3	0.2
Q26	Congenital Malformations of Great Veins	1	0.1
Q27	Other Congenital Malformations of Peripheral Vascular System	1	0.1
Q30-Q34	Congenital Malformations of the Respiratory System	5	0.3
Q31	Congenital Malformations of Larynx	1	0.1
Q33	Congenital Malformations of Lung	3	0.2
Q34	Other Congenital Malformations of Respiratory System	1	0.1
Q38-Q45	Other Congenital Malformations of the Digestive System	1	0.1
Q44	Congenital Malformations of Gallbladder, Bile Ducts and Liver	1	0.1
Q60-Q64	Congenital Malformations of the Urinary System	4	0.2
Q61	Cystic Kidney Disease	4	0.2
Q65-Q79	Congenital Malformations and Deformations of the Musculoskeletal System	4	0.2
Q67	Congenital Musculoskeletal Deformities of Head, Face, Spine and Chest	1	0.1
Q77	Osteochondrodysplasia with Defects of Growth of Tubular Bones and Spine	2	0.1
Q79	Congenital Malformations of Musculoskeletal System, Not Elsewhere Classified	1	0.1
Q80-Q89	Other Congenital Malformations	12	0.7

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Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
Q82	Other Congenital Malformations of Skin	1	0.1
Q87	Other Specified Congenital Malformation Syndromes Affecting Multiple Systems	5	0.3
Q89	Other Congenital Malformations, Not Elsewhere Classified	6	0.3
Q90-Q99	Chromosomal Abnormalities, Not Elsewhere Classified	22	1.2
Q90	Down's Syndrome	16	0.9
Q91	Edwards' Syndrome and Patau's Syndrome	4	0.2
Q92	Other Trisomies and Partial Trisomies of the Autosomes, Not Elsewhere Classified	1	0.1
Q93	Monosomies and Deletions from the Autosomes, Not Elsewhere Classified	1	0.1
R00-R99	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	544	29.5
R00-R09	Symptoms and Signs Involving the Circulatory and Respiratory Systems	13	0.7
R00	Abnormalities of Heart Beat	1	0.1
R02	Gangrene, Not Elsewhere Classified	1	0.1
R04	Hemorrhage from Respiratory Passages	1	0.1
R06	Abnormalities of Breathing	6	0.3
R09	Other Symptoms and Signs Involving the Circulatory and Respiratory Systems	4	0.2
R10-R19	Symptoms and Signs Involving the Digestive System and Abdomen	1	0.1
R19	Other Symptoms and Signs Involving the Digestive System and Abdomen	1	0.1
R20-R23	Symptoms and Signs Involving the Skin and Subcutaneous Tissue	1	0.1
R22	Localized Swelling, Mass and Lump Skin and Subcutaneous Tissue	1	0.1
R50-R69	General Symptoms and Signs	93	5.0
R50	Fever of Unknown Origin	1	0.1
R52	Pain, Not Elsewhere Classified	1	0.1
R53	Malaise and Fatigue	3	0.2
R54	Senility	34	1.8
R55	Syncope and Collapse	1	0.1
R56	Convulsions, Not Elsewhere Classified	9	0.5
R57	Shock, Not Elsewhere Classified	8	0.4
R58	Hemorrhage, Not Elsewhere Classified	2	0.1
R59	Enlarged Lymph Nodes	1	0.1
R62	Lack of Expected Normal Physiological Development	23	1.2
R68	Other General Symptoms and Signs	10	0.5
R70-R79	Abnormal Findings on Examination of Blood, without Diagnosis	1	0.1
R73	Elevated Blood Glucose Level	1	0.1
R90-R94	Abnormal Findings on Diagnostic Imaging and in Function Studies, without Diagnosis	5	0.3
R91	Abnormal Findings on Diagnostic Imaging of Lung	5	0.3
R95-R99	Ill-Defined and Unknown Causes of Mortality	430	23.3
R95	Sudden Infant Death Syndrome	15	0.8
R96	Other Sudden Death, Cause Unknown	7	0.4
R99	Other Ill-Defined and Unspecified Causes of Mortality	408	22.1
V01-Y98	External Causes of Morbidity and Mortality	2,048	111.1
V01-V99	Transport Accidents	314	17.0
V01-V09	Pedestrian Injured in Transport Accident	29	1.6
V03	Pedestrian Injured in Collision with Car, Pickup Truck or Van	7	0.4
V04	Pedestrian Injured in Collision with Heavy Transport Vehicle or Bus	1	0.1
V05	Pedestrian Injured in Collision with Railway Train or Railway Vehicle	2	0.1
V09	Pedestrian Injured in Other and Unspecified Transport Accidents	19	1.0
V10-V19	Pedal Cyclist Injured in Transport Accident	5	0.3
V13	Pedal Cyclist Injured in Collision with Car, Pickup Truck or Van	1	0.1
V18	Pedal Cyclist Injured in Noncollision Transport Accident	4	0.2
V20-V29	Motorcycle Rider Injured in Transport Accident	35	1.9
V20	Motorcycle Rider Injured in Collision with Pedestrian or Animal	1	0.1
V23	Motorcycle Rider Injured in Collision with Car, Pickup Truck or Van	10	0.5
V24	Motorcycle Rider Injured in Collision with Heavy Transport Vehicle or Bus	1	0.1
V27	Motorcycle Rider Injured in Collision with Fixed or Stationary Object	5	0.3
V28	Motorcycle Rider Injured in Noncollision Transport Accident	1	0.1
V29	Motorcycle Rider Injured in Other and Unspecified Transport Accidents	17	0.9
V40-V49	Car Occupant Injured in Transport Accident	26	1.4
V43	Car Occupant Injured in Collision with Car, Pickup Truck or Van	7	0.4

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Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
V44	Car Occupant Injured in Collision with Heavy Transport Vehicle or Bus	2	0.1
V47	Car Occupant Injured in Collision with Fixed or Stationary Object	9	0.5
V48	Car Occupant Injured in Noncollision Transport Accident	5	0.3
V49	Car Occupant Injured in Other and Unspecified Transport Accidents	3	0.2
V50-V59	Occupant of Pickup or Van Injured in Transport Accident	8	0.4
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	1	0.1
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	2	0.1
V59	Occupant of Pickup or Van Injured in Other and Unspecified Transport Accidents	1	0.1
V60-V69	Occupant of Heavy Transport Vehicle Injured in Transport Accident	1	0.1
V67	Occupant of Heavy Transport Vehicle Injured in Collision with Fixed or Stationary Object	1	0.1
V80-V89	Other Land Transport Accidents	208	11.3
V84	Occupant of Special Vehicle Mainly Used in Agriculture Injured in Transport Accident	3	0.2
V86	Occupant of Motor Vehicle Designed Primarily for Off-Road Use, Injured in Transport Accident	35	1.9
V87	Traffic Accident of Specified Type but Victim's Mode of Transport Unknown	51	2.8
V89	Motor- or Nonmotor-Vehicle Accident, Type of Vehicle Unspecified	119	6.5
V90-V94	Water Transport Accidents	2	0.1
V90	Accident to Watercraft Causing Drowning and Submersion	1	0.1
V92	Water-Transport-Related Drowning and Submersion without Accident to Watercraft	1	0.1
W00-X59	Other External Causes of Accidental Injury	1,182	64.1
W00-W19	Falls	317	17.2
W00	Fall on Same Level Involving Ice and Snow	2	0.1
W01	Fall on Same Level from Slipping, Tripping and Stumbling	13	0.7
W02	Fall Involving Ice-Skates, Skis, Roller-Skates or Skateboards	1	0.1
W04	Fall while Being Carried or Supported by Other Persons	1	0.1
W05	Fall Involving Wheelchair	5	0.3
W06	Fall Involving Bed	19	1.0
W07	Fall Involving Chair	3	0.2
W08	Fall Involving Other Furniture	3	0.2
W10	Fall on and from Stairs and Steps	27	1.5
W11	Fall on and from Ladder	5	0.3
W13	Fall from, out of or through Building or Structure	4	0.2
W15	Fall from Cliff	2	0.1
W17	Other Fall from One Level to Another	5	0.3
W18	Other Fall on Same Level	198	10.7
W19	Unspecified Fall	29	1.6
W20-W49	Exposure to Inanimate Mechanical Forces	27	1.5
W20	Struck by Thrown, Projected or Falling Object	14	0.8
W24	Contact with Lifting and Transmission Devices, Not Elsewhere Classified	1	0.1
W25	Contact with Sharp Glass	1	0.1
W28	Contact with Powered Lawnmower	2	0.1
W30	Contact with Agricultural Machinery	7	0.4
W31	Contact with Other and Unspecified Machinery	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
W55	Bitten or Struck by Other Mammals	3	0.2
W65-W74	Accidental Drowning and Submersion	20	1.1
W65	Drowning and Submersion while in Bathtub	2	0.1
W67	Drowning and Submersion while in Swimming Pool	2	0.1
W69	Drowning and Submersion while in Natural Water	10	0.5
W70	Drowning and Submersion Following Fall in Natural Water	4	0.2
W73	Other Specified Drowning and Submersion	1	0.1
W74	Unspecified Drowning and Submersion	1	0.1

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Causes of Resident Deaths: Number and Rate
West Virginia, 2015
Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
W75-W84	Other Accidental Threats to Breathing	61	3.3
W75	Accidental Suffocation and Strangulation in Bed	6	0.3
W76	Other Accidental Hanging and Strangulation	3	0.2
W78	Inhalation of Gastric Contents	3	0.2
W79	Inhalation and Ingestion of Food Causing Obstruction of Respiratory Tract	8	0.4
W80	Inhalation and Ingestion of Other Objects Causing Obstruction of Respiratory Tract	39	2.1
W83	Other Specified Threats to Breathing	1	0.1
W84	Unspecified Threat to Breathing	1	0.1
W85-W99	Exposure to Electric Current, Radiation and Extreme Ambient Air Temperature and Pressure	7	0.4
W85	Exposure to Electric Transmission Lines	4	0.2
W87	Exposure to Unspecified Electric Current	3	0.2
X00-X09	Exposure to Smoke, Fire and Flames	18	1.0
X00	Exposure to Uncontrolled Fire in Building or Structure	11	0.6
X04	Exposure to Ignition of Highly Flammable Material	1	0.1
X08	Exposure to Other Specified Smoke, Fire and Flames	1	0.1
X09	Exposure to Unspecified Smoke, Fire and Flames	5	0.3
X20-X29	Contact with Venomous Animals and Plants	3	0.2
X23	Contact with Hornets, Wasps and Bees	3	0.2
X30-X39	Exposure to Forces of Nature	8	0.4
X31	Exposure to Excessive Natural Cold	7	0.4
X33	Victim of Lightning	1	0.1
X40-X49	Accidental Poisoning by and Exposure to Noxious Substances	682	37.0
X40	Accidental Poisoning by Nonopioid Analgesics, Antipyretics and Antirheumatics	2	0.1
X41	Accidental Poisoning by Antiepileptic, Sedative-hypnotic, Antiparkinsonism and Psychotropic Drugs	34	1.8
X42	Accidental Poisoning by Narcotics and Psychodysleptics [Hallucinogens], Not Elsewhere Classified	209	11.3
X44	Accidental Poisoning by Other and Unspecified Drugs, Medicaments and Biological Substances	409	22.2
X45	Accidental Poisoning by Alcohol	13	0.7
X46	Accidental Poisoning by Organic Solvents and Halogenated Hydrocarbons and Their Vapors	2	0.1
X47	Accidental Poisoning by Other Gases and Vapors	12	0.7
X49	Accidental Poisoning by Other and Unspecified Chemicals and Noxious Substances	1	0.1
X50-X57	Overexertion, Travel and Privation	1	0.1
X54	Lack of Water	1	0.1
X58-X59	Accidental Exposure to Other and Unspecified Factors	35	1.9
X58	Exposure to Other Specified Factors	1	0.1
X59	Exposure to Unspecified Factors	34	1.8
X60-X84	Intentional Self-Harm	339	18.4
X61	Intentional Self-Poisoning by Antiepileptic, Sedative-Hypnotic, Antiparkinsonism and Psychotropic Drugs	8	0.4
X62	Intentional Self-Poisoning by Narcotics and Psychodysleptics [Hallucinogens], Not Elsewhere Classified	5	0.3
X64	Intentional Self-Poisoning by Other and Unspecified Drugs, Medicaments and Biological Substances	22	1.2
X65	Intentional Self-Poisoning by Alcohol	1	0.1
X67	Intentional Self-Poisoning by Other Gases and Vapors	5	0.3
X70	Intentional Self-Harm by Hanging, Strangulation and Suffocation	65	3.5
X71	Intentional Self-Harm by Drowning and Submersion	3	0.2
X72	Intentional Self-Harm by Handgun Discharge	84	4.6
X73	Intentional Self-Harm by Rifle, Shotgun and Larger Firearm Discharge	32	1.7
X74	Intentional Self-Harm by Other and Unspecified Firearm Discharge	98	5.3
X78	Intentional Self-Harm by Sharp Object	3	0.2
X80	Intentional Self-Harm by Jumping from a High Place	7	0.4
X81	Intentional Self-Harm by Jumping or Lying Before a Moving Object	5	0.3
X82	Intentional Self-Harm by Crashing a Motor Vehicle	1	0.1
X85-Y09	Assault	79	4.3
X85	Assault by Drugs, Medicaments and Biological Substances	1	0.1
X91	Assault by Hanging, Strangulation and Suffocation	3	0.2
X92	Assault by Drowning and Submersion	1	0.1
X93	Assault by Handgun Discharge	9	0.5
X94	Assault by Rifle, Shotgun and Larger Firearm Discharge	10	0.5
X95	Assault by Other and Unspecified Firearm Discharge	31	1.7
X97	Assault by Smoke, Fire and Flames	2	0.1
X99	Assault by Sharp Object	9	0.5
Y07	Other Maltreatment Syndromes	3	0.2
Y08	Assault by Other Specified Means	2	0.1
Y09	Assault by Unspecified Means	8	0.4
Y10-Y34	Event of Undetermined Intent	76	4.1
Y11	Poisoning by Antiepileptic, Sedative-Hypnotic, Antiparkinsonism and Psychotropic Drugs, Undetermined Intent	2	0.1
Y12	Poisoning by Narcotics and Psychodysleptics [Hallucinogens], Undetermined Intent	9	0.5

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Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
Y14	Poisoning by Other and Unspecified Drugs, Medicaments and Biological Substances, Undetermined Intent	31	1.7
Y17	Poisoning by Other Gases and Vapors, Undetermined Intent	5	0.3
Y18	Poisoning by Pesticides, Undetermined Intent	1	0.1
Y20	Hanging, Strangulation and Suffocation, Undetermined Intent	2	0.1
Y21	Drowning and Submersion, Undetermined Intent	1	0.1
Y24	Other and Unspecified Firearm Discharge, Undetermined Intent	5	0.3
Y26	Exposure to Smoke, Fire and Flames, Undetermined Intent	14	0.8
Y30	Falling, Jumping or Pushed from a High Place, Undetermined Intent	1	0.1
Y33	Other Specified Events, Undetermined Intent	3	0.2
Y34	Unspecified Event, Undetermined Intent	2	0.1
Y35-Y36	Legal Intervention and Operations of War	8	0.4
Y35	Legal Intervention	8	0.4
Y40-Y84	Complications of Medical and Surgical Care	26	1.4
Y40-Y59	Drugs, Medicaments and Biological Substances Causing Adverse Effects in Therapeutic Use	3	0.2
Y40	Systemic Antibiotics	1	0.1
Y57	Other and Unspecified Drugs and Medicaments	2	0.1
Y60-Y69	Misadventures to Patients during Surgical and Medical Care	1	0.1
Y60	Unintentional Cut, Puncture, Perforation or Hemorrhage during Surgical and Medical Care	1	0.1
Y83-Y84	Medical Procedures as the Cause of Abnormal Reaction, Not Noticed at the Time of the Procedure	22	1.2
Y83	Surgical Procedures as the Cause of Abnormal Reaction, Not Noticed at the Time of the Procedure	20	1.1
Y84	Other Medical Procedures as the Cause of Abnormal Reaction, Not Noticed at the Time of the Procedure	2	0.1
Y85-Y89	Sequelae of External Causes of Morbidity and Mortality	24	1.3
Y85	Sequelae of Transport Accidents	14	0.8
Y86	Sequelae of Other Accidents	8	0.4
Y87	Sequelae of Intentional Self-Harm, Assault and Event of Undetermined Intent	1	0.1
Y88	Sequelae of Surgical and Medical Care as External Cause	1	0.1

Selected Causes of Resident Deaths: Number by Race and Gender
West Virginia, 2015
Table 25

Selected Causes of Death	Number by Race and Gender						Total
	White or Caucasian		Black or African American		All Other Races		
	Male	Female	Male	Female	Male	Female	
Fetal Deaths	38	38	7	2	1	0	86
Total Deaths, All Causes	11,111	10,784	378	323	27	20	22,643
--Deaths Under One Year	68	57	8	6	0	0	139
--Deaths Under 28 Days	42	35	5	3	0	0	85
Tuberculosis	0	1	0	0	0	0	1
Septicemia	161	175	5	6	0	0	347
Human Immunodeficiency Virus Infection	12	2	0	1	0	0	15
Malignant Neoplasms	2,516	2,149	64	75	7	8	4,819
--of Digestive Organs	589	501	24	16	5	3	1,138
----Colon	163	190	8	8	1	1	371
----Pancreas	133	135	6	3	2	2	281
--of Respiratory and Intrathoracic Organs	921	588	16	18	0	3	1,546
----Trachea, Bronchus and Lung	877	575	14	18	0	3	1,487
--of Breast	3	268	0	11	0	0	282
--of Genitourinary Organs	322	279	12	14	0	0	627
----Cervix Uteri	0	27	0	1	0	0	28
----Ovary	0	91	0	6	0	0	97
----Prostate	155	0	8	0	0	0	163
----Bladder	81	30	3	1	0	0	115
--All Other (Malignant Neoplasms)	681	513	12	16	2	2	1,226
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	59	62	2	2	0	0	125
Diabetes Mellitus	388	362	20	13	1	0	784
Dementia	311	622	5	16	0	0	954
Alzheimer's Disease	202	518	4	12	0	1	737
Major Cardiovascular Disease	3,039	3,088	105	87	9	8	6,336
--Diseases of the Heart	2,349	2,215	72	59	6	4	4,705
----Ischemic Heart Disease	1,593	1,283	41	31	2	4	2,954
--Essential Hypertension and Hypertensive Renal Disease	138	141	10	8	0	0	297
--Cerebrovascular Diseases (Stroke)	431	599	16	17	3	4	1,070
--Arteriosclerosis	33	47	2	0	0	0	82
--Other Diseases of Arteries, Arterioles and Capillaries	88	86	5	3	0	0	182
Influenza and Pneumonia	255	257	2	8	1	0	523
--Influenza	20	21	0	1	0	0	42
--Pneumonia	235	236	2	7	1	0	481
Chronic Lower Respiratory Diseases	757	834	21	12	0	1	1,625
--Bronchitis, Emphysema and Asthma	44	47	2	3	0	0	96
Lung Diseases due to External Agents	125	69	3	1	0	0	198
--Coal Worker's Pneumoconiosis	24	0	0	0	0	0	24
Chronic Liver Disease and Cirrhosis	206	117	10	0	2	0	335
Nephritis, Nephrotic Syndrome and Nephrosis	238	245	8	17	0	0	508
Congenital Malformations	37	41	2	1	0	0	81
Ill-Defined and Unknown Causes of Death	267	142	13	6	1	1	430
Accidents, All Forms	896	557	48	15	2	0	1,518
--Motor Vehicle	224	75	3	2	0	0	304
--Falls	145	167	3	1	1	0	317
--Drownings	12	8	0	0	0	0	20
--Smoke, Fire and Flames	11	6	1	0	0	0	18
--Poisonings	383	251	38	10	0	0	682
--Other Accidents	121	50	3	2	1	0	177
Intentional Self-Harm (Suicide)	265	67	4	2	1	0	339
Assault (Homicide)	48	17	13	2	0	0	80
Injury Undetermined Whether Accidental or Purposely Inflicted	35	38	3	0	0	0	76
All Other Causes (Residual)	1,294	1,421	46	47	3	1	2,812

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Selected Causes of Resident Deaths by Age Group
West Virginia, 2015
Table 26

Selected Causes of Death	Total	Age In Years										Average Age at Death
		Less Than One	1-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 and Over	
Total Deaths, All Causes	22,643	139	54	206	413	708	1,562	3,279	4,560	5,549	6,173	72.2
--Deaths Under One Year	139	139	0	0	0	0	0	0	0	0	0	0.1
--Deaths Under 28 Days	85	85	0	0	0	0	0	0	0	0	0	0.0
Tuberculosis	1	0	0	0	0	0	0	0	0	0	1	86.0
Septicemia	347	0	0	1	1	8	17	66	77	92	85	73.6
Human Immunodeficiency Virus Infection	15	0	0	0	0	4	4	4	2	1	0	54.9
Malignant Neoplasms	4,819	0	4	8	17	77	338	1,041	1,390	1,229	715	70.8
--of Digestive Organs	1,138	0	0	2	1	19	100	266	308	265	177	70.3
----Colon	371	0	0	0	1	5	27	60	92	101	85	73.4
----Pancreas	281	0	0	1	0	7	26	69	87	64	27	68.1
--of Respiratory and Intrathoracic Organs	1,546	0	0	1	2	10	81	364	518	408	162	70.6
----Trachea, Bronchus and Lung	1,487	0	0	0	2	10	78	342	502	394	159	70.7
--of Breast	282	0	0	1	1	11	36	68	69	56	40	68.0
--of Genitourinary Organs	627	0	0	1	4	6	31	102	167	185	131	73.5
----Cervix Uteri	28	0	0	0	1	1	7	5	8	5	1	62.5
----Ovary	97	0	0	1	2	1	7	22	31	23	10	68.3
----Prostate	163	0	0	0	0	0	1	11	32	64	55	79.8
----Bladder	115	0	0	0	0	0	6	14	32	38	25	75.3
--All Other (Malignant Neoplasms)	1,226	0	4	3	9	31	90	241	328	315	205	70.8
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	125	0	0	0	0	0	9	16	25	38	37	75.7
Diabetes Mellitus	784	0	0	0	7	22	74	150	209	188	134	70.5
Dementia	954	0	0	0	0	0	0	7	63	259	625	86.4
Alzheimer's Disease	737	0	0	0	0	0	1	7	47	205	477	86.2
Major Cardiovascular Disease	6,336	2	2	4	30	102	319	703	1,152	1,668	2,354	77.2
--Diseases of the Heart	4,705	1	2	3	23	79	252	530	866	1,226	1,723	77.0
----Ischemic Heart Disease	2,954	0	0	0	2	42	169	378	592	760	1,011	76.6
--Essential Hypertension and Hypertensive Renal Disease	297	0	0	0	1	5	20	52	49	65	105	75.5
--Cerebrovascular Diseases (Stroke)	1,070	0	0	0	5	14	40	93	175	310	433	78.7
--Arteriosclerosis	82	0	0	0	0	0	0	3	15	21	43	82.8
--Other Diseases of Arteries, Arterioles and Capillaries	182	1	0	1	1	4	7	25	47	46	50	74.6
Influenza and Pneumonia	523	1	0	1	4	5	23	51	93	128	217	78.3
--Influenza	42	0	0	1	1	0	1	5	8	6	20	77.7
--Pneumonia	481	1	0	0	3	5	22	46	85	122	197	78.4
Chronic Lower Respiratory Diseases	1,625	1	0	2	4	9	69	226	421	544	349	70.6
--Bronchitis, Emphysema and Asthma	96	1	0	2	3	6	5	15	23	25	16	67.4
Lung Diseases due to External Agents	198	0	0	0	1	0	3	20	33	58	83	70.4
--Coal Workers Pneumoconiosis	24	0	0	0	0	0	0	3	8	7	6	75.3
Chronic Liver Disease and Cirrhosis	335	0	0	1	6	24	64	115	70	41	14	61.3
Nephritis, Nephrotic Syndrome and Nephrosis	508	0	0	1	7	4	13	55	119	166	143	76.3
Congenital Malformations	81	31	8	4	2	4	5	8	11	4	4	30.6
III-Defined and Unknown Causes of Death	430	17	2	2	7	19	41	87	108	69	78	65.7
Accidents, All Forms	1,518	7	16	108	209	255	263	208	133	139	180	53.1
--Motor Vehicle	304	1	8	52	56	43	47	38	34	15	10	44.4
--Falls	317	0	0	0	4	3	9	30	46	92	133	79.3
--Drownings	20	0	5	1	2	2	5	2	2	1	0	40.0
--Smoke, Fire and Flames	18	0	0	1	1	1	3	3	5	1	3	60.4
--Poisonings	682	0	1	46	138	196	173	108	14	3	3	42.8
--Other Accidents	177	6	2	8	8	10	26	27	32	27	31	61.3
Intentional Self-Harm (Suicide)	339	0	3	27	44	60	64	57	43	29	12	50.2
Assault (Homicide)	80	2	3	13	18	16	10	10	4	4	0	38.9
Injury Undetermined Whether Accidental or Purposely Inflicted	76	3	2	4	11	13	22	13	2	4	2	45.2
All Other Causes (Residual)	2,812	75	14	30	45	86	223	435	558	683	663	69.7

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Selected Causes of Resident Deaths by Month of Occurrence
West Virginia, 2015
Table 27

Selected Causes of Death	Number of Deaths per Month												Total
	Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Dec	
Fetal Deaths	5	7	6	7	8	7	11	12	9	8	7	6	93
Total Deaths, All Causes	2,214	1,988	1,987	1,942	1,827	1,711	1,832	1,782	1,749	1,880	1,824	1,907	22,643
--Deaths Under One Year	11	10	10	16	12	13	12	17	6	12	8	12	139
--Deaths Under 28 Days	5	6	5	11	7	8	9	12	4	9	3	6	85
Tuberculosis	0	0	0	0	1	0	0	0	0	0	0	0	1
Septicemia	34	35	34	33	27	31	22	21	28	26	30	26	347
Human Immunodeficiency Virus Infection	2	1	2	2	1	2	1	0	2	0	0	2	15
Malignant Neoplasms	408	411	400	395	408	390	413	404	389	430	400	371	4,819
--of Digestive Organs	84	107	78	91	97	86	98	99	97	113	92	96	1,138
----Colon	28	44	32	26	32	28	32	33	33	33	30	20	371
----Pancreas	19	17	11	22	21	22	28	24	32	33	21	31	281
--of Respiratory and Intrathoracic Organs	119	136	139	125	132	125	132	145	121	127	139	106	1,546
----Trachea, Bronchus and Lung	115	132	133	118	130	120	127	139	116	122	135	100	1,487
--of Breast	25	23	22	24	34	19	22	21	23	22	19	28	282
--of Genitourinary Organs	69	55	53	50	48	50	56	53	46	54	52	41	627
----Cervix Uteri	3	3	6	4	0	1	1	4	1	2	2	1	28
----Ovary	11	6	2	7	10	7	13	8	5	9	9	10	97
----Prostate	12	19	11	9	11	14	18	15	15	20	11	8	163
----Bladder	14	10	16	8	8	9	6	6	8	7	14	9	115
--All Other (Malignant Neoplasms)	111	90	108	105	97	110	105	86	102	114	98	100	1,226
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	10	10	9	10	5	14	9	10	10	16	9	13	125
Diabetes Mellitus	77	71	64	77	66	48	60	56	53	67	68	77	784
Dementia	94	110	86	76	69	83	74	68	74	67	78	75	954
Alzheimer's Disease	76	75	47	49	57	50	51	66	65	59	84	58	737
Major Cardiovascular Disease	623	567	581	570	517	430	532	501	476	530	481	528	6,336
--Diseases of the Heart	461	425	438	430	361	314	393	376	351	409	367	380	4,705
----Ischemic Heart Disease	289	280	272	268	224	201	253	235	219	267	210	236	2,954
--Essential Hypertension and Hypertensive Renal Disease	34	31	25	27	21	25	28	27	14	22	14	29	297
--Cerebrovascular Diseases (Stroke)	101	83	87	93	108	79	90	84	88	82	77	98	1,070
--Arteriosclerosis	11	11	15	7	7	2	5	5	5	1	6	7	82
--Other Diseases of Arteries, Arterioles and Capillaries	16	17	16	13	20	10	16	9	18	16	17	14	182
Influenza and Pneumonia	82	55	56	46	30	31	23	36	42	36	37	49	523
--Influenza	27	11	1	1	0	0	0	1	0	1	0	0	42
--Pneumonia	55	44	55	45	30	31	23	35	42	35	37	49	481
Chronic Lower Respiratory Diseases	185	120	149	134	152	125	159	108	111	120	130	132	1,625
--Bronchitis, Emphysema and Asthma	10	6	8	13	6	12	13	6	5	4	6	7	96
Lung Diseases due to External Agents	29	24	18	23	15	12	12	7	14	10	19	15	198
--Coal Worker's Pneumoconiosis	3	2	3	4	1	1	1	1	3	1	1	3	24
Chronic Liver Disease and Cirrhosis	35	25	20	24	34	26	24	30	32	28	27	30	335
Nephritis, Nephrotic Syndrome and Nephrosis	36	67	42	44	44	37	37	43	46	37	40	35	508
Congenital Malformations	10	9	8	11	2	9	9	4	2	6	3	8	81
Ill-Defined and Unknown Causes of Death	51	46	34	33	31	41	25	28	34	37	33	37	430
Accidents, All Forms	128	107	149	139	101	117	108	131	125	145	125	143	1,518
--Motor Vehicle	18	18	16	29	28	34	26	38	23	29	25	20	304
--Falls	30	25	44	26	15	24	14	29	24	25	25	36	317
--Drownings	1	0	2	1	2	9	1	2	1	0	0	1	20
--Smoke, Fire and Flames	2	3	1	1	1	0	1	0	3	2	2	2	18
--Poisonings	60	50	73	68	38	35	46	51	60	78	54	69	682
--Other Accidents	17	11	13	14	17	15	20	11	14	11	19	15	177
Intentional Self-Harm (Suicide)	33	18	25	28	39	29	33	32	20	28	22	32	339
Assault (Homicide)	10	11	6	5	2	4	10	3	10	2	8	9	80
Injury Undetermined Whether Accidental or Purposely Inflicted	11	7	9	6	5	2	8	9	3	6	4	6	76
All Other Causes (Residual)	280	219	248	237	221	230	222	225	213	230	226	261	2,812

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West Virginia Vital Statistics
Infant & Fetal Deaths

Infant and Fetal Death Summary

Deaths of infants under one year of age decreased by five, from 144 in 2014 to 139 in 2015. West Virginia's infant mortality rate also decreased slightly (1.4%) from 7.1 per 1,000 live births in 2014 to 7.0 in 2015. The U.S. infant mortality rate was 5.9 in 2015.

The following table shows the decline in the national and state infant mortality rates from 1950 through 2015.

1950 – 2015 Infant Mortality
West Virginia and United States
(Number and Rate per 1,000 Live Births)

Year	West Virginia	United States
1950	31.4	29.2
1955	27.1	26.4
1960	25.3	26.0
1965	27.1	24.5
1970	23.3	20.0
1975	18.3	16.1
1980	11.8	12.6
1985	10.7	10.6
1990	9.8	9.1
1995	7.6	7.5
2000	7.6	6.9
2005	8.1	6.9
2006	7.4	6.7
2007	7.4	6.8
2008	7.7	6.6
2009	7.8	6.4
2010	7.3	6.1
2011	6.8	6.0
2012	7.3	6.0
2013	7.5	6.0
2014	7.1	5.8
2015	7.0	5.9

The state's 2015 white infant mortality rate decreased from 7.1 in 2014 to 6.8 in 2015, while the rate for black infants increased from 7.3 to 22.5 (see Statistical Variation in Appendix B, page 181). West Virginia's 2015 race-specific infant mortality rates and comparable U.S. rates are shown in the table on the following page.

**2015 West Virginia and United States
Infant Mortality by Race of Infant
(Number and Rate per 1,000 Live Births)**

Race of Infant	West Virginia		United States*	
	Number	Rate	Number	Rate
All Races	139	7.0	23,455	5.9
White	125	6.8	14,834	4.9
Black	14	22.5	7,289	11.4
Other	0	0.0	1,332	4.0

*Source: www.cdc.gov/nchs/data/nvsr/nvsr65/nvsr65_04.pdf

Approximately one out of nine (10.8%) infant deaths in 2015 was due to SIDS (sudden infant death syndrome). More than one in five (22.3%) was the result of congenital malformations, while 45.3% were due to certain conditions originating in the perinatal period, including disorders relating to short gestation and unspecified low birthweight (15.8%).

Neonatal/Postneonatal Deaths

The number of neonatal deaths dropped by seven, from 92 in 2014 to 85 in 2015; the neonatal death rate also declined from 4.5 deaths per 1,000 live births among infants aged less than 28 days per 1,000 live births in 2014 to 4.3 in 2015. Neonatal deaths comprised 61.2% of all West Virginia resident infant deaths in 2015, compared with 63.9% in 2014. The rate of postneonatal deaths rose from 2.6 deaths per 1,000 neonatal survivors in 2014 to 2.7 in 2015. The 2015 U.S. neonatal death rate was 3.9, while the postneonatal rate was 2.0 deaths per 1,000 neonatal survivors.

Fetal Deaths

CDC recommends reporting fetal deaths with a birthweight of at least 350 grams or if the weight is unknown, those occurring after 20 or more weeks of gestation. From 2011-2014, these provisions were inadvertently left out thus making the number of fetal deaths a little more than what should have been reported. The following table contains the actual reported fetal deaths and the ratio compared to what the number and ratio should have been by using recommended procedures:

Year	Number of Births	Reported Fetal Deaths	Ratio per 1,000 Live Births	Fetal Deaths Using CDC Standard Procedures	Ratio per 1,000 Live Births
2011	20,705	90	4.3	82	4.0
2012	20,813	88	4.2	81	3.9
2013	20,829	94	4.5	84	4.0
2014	20,303	105	5.2	87	4.3

Tables 28, 32 and 66 in this publication will now report the number of fetal deaths using CDC's standard procedures.

The 86 resident fetal deaths reported with a birthweight of at least 350 grams or occurring after 20 or more weeks of gestation (if the weight is unknown) in 2014 were one less than in 2014 (87). The fetal death ratio remained the same at 4.3 deaths per 1,000 live births in 2014 and 2015. The majority (90.7%) of fetal deaths was due to conditions originating in the perinatal period, including complications of placenta, cord and membrane (25.6%), maternal conditions (5.8%), maternal complications (7.0%), short gestation and low birthweight (11.6%) and other ill-defined perinatal conditions (36.0%). Congenital malformations accounted for 9.3% of all fetal deaths.

Fetal Deaths, Neonatal Deaths and Postneonatal Deaths: Number and Rate/Ratio
West Virginia Resident Deaths, 1925-2015

Table 28

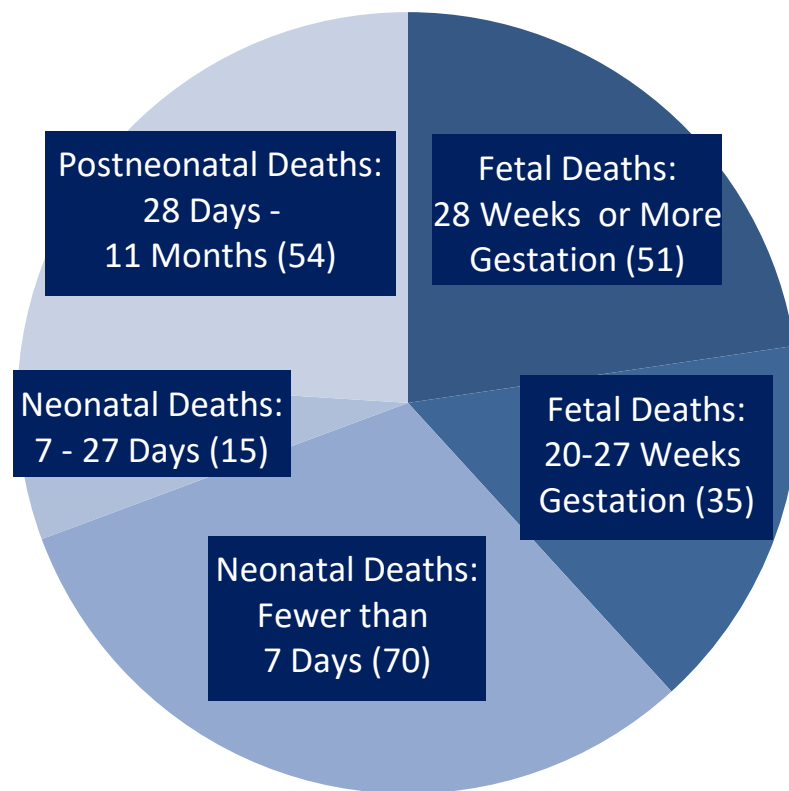
Year	Fetal Deaths		Neonatal Deaths		Postneonatal Deaths		
	Number	Ratio per 1,000 Live Births	Number	Rate per 1,000 Live Births	Number	Rate per 1,000 Live Births	Rate per 1,000 Neonatal Survivors*
1925	1,740	38.5	N/A	N/A	N/A	N/A	N/A
1930	1,547	37.2	N/A	N/A	N/A	N/A	N/A
1935	1,647	39.4	1,467	35.1	1,071	25.6	26.6
1940	1,483	35.4	1,321	31.5	937	22.4	23.1
1945	1,594	41.5	1,085	28.2	928	24.1	24.8
1950	1,126	22.1	1,184	23.3	665	13.1	13.4
1955	813	18.4	847	19.2	351	7.9	8.1
1960	583	14.7	713	18.0	292	7.4	7.5
1965	575	18.0	649	20.3	218	6.8	7.0
1970	513	17.0	542	18.0	163	5.4	5.5
1975	323	11.6	385	13.8	128	4.6	4.6
1980	275	9.3	235	8.0	112	3.8	3.8
1985	208	8.6	175	7.3	82	3.4	3.4
1990	168	7.4	142	6.3	80	3.5	3.6
1995	143	6.8	103	4.9	57	2.7	2.7
2000	142	6.8	103	4.9	56	2.7	2.7
2005	115	5.5	106	5.1	62	3.0	3.0
2010	83	4.1	82	4.0	68	3.3	3.3
2011	82**	4.0**	86	4.2	55	2.7	2.7
2012	81**	3.9**	96	4.6	56	2.7	2.7
2013	84**	4.0**	93	4.5	64	3.1	3.1
2014	87**	4.3**	92	4.5	52	2.6	2.6
2015	86	4.3	85	4.3	54	2.7	2.7

*Neonatal Survivors are live births minus neonatal deaths
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**Lower numbers than originally reported. See summary pages 73 and
74 for details.

Fetal Deaths, Neonatal Deaths and Postneonatal Deaths West Virginia Resident Perinatal Deaths, 2015

Exhibit 14



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Causes of Resident Infant Deaths by Age
West Virginia, 2015
Table 29

ICDA 10 Code Number	Cause of Death	Under 1 Day	1 to 6 Days	7 to 27 Days	28 Days to 11 Months	Total
A00-Z99	Total Deaths, All Causes	49	21	15	54	139
A00-B99	Certain Infectious and Parasitic Diseases	0	0	0	3	3
A00-A09	Intestinal Infectious Diseases	0	0	0	1	1
A09	Diarrhea and Gastroenteritis of Presumed Infectious Origin	0	0	0	1	1
B25-B34	Other Viral Diseases	0	0	0	1	1
B34	Viral Infection of Unspecified Site	0	0	0	1	1
B35-B49	Mycoses	0	0	0	1	1
B37	Candidiasis	0	0	0	1	1
E00-E90	Endocrine, Nutritional and Metabolic Diseases	0	0	0	2	2
E20-E35	Disorders of Other Endocrine Glands	0	0	0	1	1
E25	Adrenogenital Disorders	0	0	0	1	1
E50-E64	Other Nutritional Deficiencies	0	0	0	1	1
E55	Vitamin D Deficiency	0	0	0	1	1
G00-G99	Diseases of the Nervous System	1	1	0	3	5
G10-G14	Systemic Atrophies Primarily Affecting the Central Nervous System	0	0	0	2	2
G12	Spinal Muscular Atrophy and Related Syndromes	0	0	0	2	2
G90-G99	Other Disorders of the Nervous System	1	1	0	1	3
G93	Other Disorders of Brain	1	1	0	1	3
I00-I99	Diseases of the Circulatory System	0	0	0	2	2
I00-I09, I11, I13, I20-I51	Diseases of the Heart	0	0	0	1	1
I30-I52	Other forms of Heart Diseases	0	0	0	1	1
I42	Cardiomyopathy	0	0	0	1	1
I70-I79	Diseases of Arteries, Arterioles and Capillaries	0	0	0	1	1
I73	Other Peripheral Vascular Diseases	0	0	0	1	1
J00-J99	Diseases of the Respiratory System	0	0	0	2	2
J09-J18	Influenza and Pneumonia	0	0	0	1	1
J18	Pneumonia, Organism Unspecified	0	0	0	1	1
J40-J47	Chronic Lower Respiratory Diseases	0	0	0	1	1
J42	Unspecified Chronic Bronchitis	0	0	0	1	1
K00-K93	Diseases of the Digestive System	0	0	0	1	1
K90-K93	Other Diseases of the Digestive System	0	0	0	1	1
K90	Intestinal Malabsorption	0	0	0	1	1
P00-P96	Certain Conditions Originating in the Perinatal Period	38	14	9	2	63
P00-P04	Newborn Affected by Maternal Factors and by Complications of Pregnancy and Labor	15	1	0	0	16
P00	Newborn Affected by Maternal Conditions That May Be Unrelated to Present	1	0	0	0	1
P00.0	Maternal Hypertensive Disorders	1	0	0	0	1
P01	Newborn Affected by Maternal Complications of Pregnancy	6	0	0	0	6
P01.1	Premature Rupture of Membranes	5	0	0	0	5
P01.8	Other Maternal Complications of Pregnancy	1	0	0	0	1
P02	Newborn Affected by Complications of Placenta, Cord and Membranes	5	1	0	0	6
P02.0	Placenta Previa	1	0	0	0	1
P02.1	Other Forms of Placenta Separation and Hemorrhage	2	1	0	0	3
P02.7	Chorioamnionitis	2	0	0	0	2
P04	Newborn Affected by Noxious Influences Transmitted Via Placenta or Breast	3	0	0	0	3

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Causes of Resident Infant Deaths by Age
West Virginia, 2015
Table 29 (Cont'd)

ICDA 10 Code Number	Cause of Death	Under 1 Day	1 to 6 Days	7 to 27 Days	28 Days to 11 Months	Total
P05-P08	Disorders Related to Length of Gestation and Fetal Growth	17	4	1	1	23
P05	Slow Fetal Growth and Fetal Malnutrition	1	0	0	0	1
P07	Disorders Related to Short Gestation and Low Birthweight, Not Elsewhere	16	4	1	1	22
P07.2	Extreme Immaturity	13	4	1	0	18
P07.3	Other Preterm Infants	3	0	0	1	4
P10-P15	Birth Trauma	0	0	1	0	1
P13	Birth Injury to Skeleton	0	0	1	0	1
P20-P29	Respiratory and Cardiovascular Disorders Specific to the Perinatal Period	4	3	3	0	10
P21	Birth Asphyxia	0	0	1	0	1
P22	Respiratory Distress of Newborn	0	1	1	0	2
P22.0	Respiratory Distress Syndrome	0	0	1	0	1
P22.9	Respiratory Distress of Newborn, Unspecified	0	1	0	0	1
P23	Congenital Pneumonia	0	0	1	0	1
P24	Neonatal Aspiration Syndromes	1	1	0	0	2
P26	Pulmonary Hemorrhage Originating in the Perinatal Period	0	1	0	0	1
P28	Other Respiratory Conditions Originating in the Perinatal Period	1	0	0	0	1
P29	Cardiovascular Disorders Originating in the Perinatal Period	2	0	0	0	2
P29.0	Neonatal Cardiac Failure	1	0	0	0	1
P29.1	Neonatal Cardiac Dysrhythmia	1	0	0	0	1
P35-P39	Infections Specific to the Perinatal Period	2	1	1	0	4
P36	Bacterial Sepsis of Newborn	2	1	0	0	3
P37	Other Congenital Infectious and Parasitic Diseases	0	0	1	0	1
P50-P61	Hemorrhagic and Hematological Disorders of Newborn	0	2	0	0	2
P52	Intracranial Nontraumatic Hemorrhage of Newborn	0	1	0	0	1
P60	Disseminated Intravascular Coagulation of Newborn	0	1	0	0	1
P75-P78	Digestive System Disorders of Newborn	0	0	3	0	3
P77	Necrotizing Enterocolitis of Newborn	0	0	3	0	3
P80-P83	Conditions Involving the Integument and Temperature Regulation of Newborn	0	2	0	0	2
P83	Other Conditions of Integument Specific to Newborn	0	2	0	0	2
P90-P96	Other Disorders Originating in the Perinatal Period	0	1	0	1	2
P90	Convulsions of Newborn	0	0	0	1	1
P96	Other Conditions Originating in the Perinatal Period	0	1	0	0	1
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	10	5	5	11	31
Q00-Q07	Congenital Malformations of the Nervous System	1	0	1	0	2
Q00	Anencephaly and Similar Malformations	1	0	0	0	1
Q04	Other Congenital Malformations of Brain	0	0	1	0	1
Q20-Q28	Congenital Malformations of the Circulatory System	0	4	2	4	10
Q21	Congenital Malformations of Cardiac Septa	0	0	0	1	1
Q23	Congenital Malformations of Aortic and Mitral Valves	0	0	1	1	2
Q24	Other Congenital Malformations of the Heart	0	1	0	2	3
Q25	Congenital Malformations of Great Arteries	0	2	1	0	3
Q26	Congenital Malformations of Great Veins	0	1	0	0	1
Q30-Q34	Congenital Malformations of the Respiratory System	2	0	1	1	4
Q31	Congenital Malformations of Larynx	1	0	0	0	1
Q33	Congenital Malformations of Lung	1	0	1	1	3

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Causes of Resident Infant Deaths by Age
West Virginia, 2015
Table 29 (Cont'd)

ICDA 10 Code Number	Cause of Death	Under 1 Day	1 to 6 Days	7 to 27 Days	28 Days to 11 Months	Total
Q60-Q64	Congenital Malformations of the Urinary System	1	0	0	0	1
Q61	Cystic Kidney Disease	1	0	0	0	1
Q65-Q79	Congenital Malformations and Deformations of the Musculoskeletal System	2	1	0	0	3
Q77	Osteochondrodysplasia with Defects of Growth of Tubular Bones and Spine	1	1	0	0	2
Q79	Congenital Malformations of Musculoskeletal System, Not Elsewhere Classified	1	0	0	0	1
Q80-Q89	Other Congenital Malformations	3	0	0	0	3
Q89	Other Congenital Malformations, Not Elsewhere Classified	3	0	0	0	3
Q90-Q99	Chromosomal Abnormalities, Not Elsewhere Classified	1	0	1	6	8
Q90	Down's Syndrome	0	0	0	2	2
Q91	Edwards' Syndrome and Patau's Syndrome	1	0	0	3	4
Q92	Other Trisomies and Partial Trisomies of the Autosomes, Not Elsewhere	0	0	1	0	1
Q93	Monosomies and Deletions from the Autosomes, Not Elsewhere Classified	0	0	0	1	1
R00-R99	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	0	1	1	15	17
R95-R99	Ill-Defined and Unknown Causes of Mortality	0	1	1	15	17
R95	Sudden Infant Death Syndrome	0	0	1	14	15
R99	Other Ill-Defined and Unspecified Causes of Mortality	0	1	0	1	2
V01-Y98	External Causes of Morbidity and Mortality	0	0	0	13	13
V01-V99	Transport Accidents	0	0	0	1	1
V40-V49	Car Occupant Injured in Transport Accident	0	0	0	1	1
V43	Car Occupant Injured in Collision with Car, Pickup Truck or Van	0	0	0	1	1
W00-X59	Other External Causes of Accidental Injury	0	0	0	6	6
W75-W84	Other Accidental Threats to Breathing	0	0	0	6	6
W75	Accidental Suffocation and Strangulation in Bed	0	0	0	6	6
X85-Y09	Assault	0	0	0	2	2
Y07	Other Maltreatment Syndromes	0	0	0	2	2
Y10-Y34	Event of Undetermined Intent	0	0	0	3	3
Y12	Poisoning by Narcotics and Psychodysleptics [Hallucinogens], Undetermined	0	0	0	1	1
Y20	Hanging, Strangulation and Suffocation, Undetermined Intent	0	0	0	2	2
Y40-Y84	Complications of Medical and Surgical Care	0	0	0	1	1
Y83-Y84	Medical Procedures as the Cause of Abnormal Reaction, Not Noticed	0	0	0	1	1
Y83	Surgical Procedures as the Cause of Abnormal Reaction, Not Noticed	0	0	0	1	1

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Causes of Resident Infant Deaths by Birthweight
West Virginia, 2015
Table 30

ICDA 10 Code Number	Cause of Death	Birthweight				Total
		Less than 1,500	1,500 - 2,499 Grams	2,500 Grams or More	Un- known	
A00-Z99	Total Deaths, All Causes	67	19	49	4	139
A00-B99	Certain Infectious and Parasitic Diseases	2	0	1	0	3
A00-A09	Intestinal Infectious Diseases	1	0	0	0	1
A09	Diarrhea and Gastroenteritis of Presumed Infectious Origin	1	0	0	0	1
B25-B34	Other Viral Diseases	1	0	0	0	1
B34	Viral Infection of Unspecified Site	1	0	0	0	1
B35-B49	Mycoses	0	0	1	0	1
B37	Candidiasis	0	0	1	0	1
E00-E90	Endocrine, Nutritional and Metabolic Diseases	0	1	1	0	2
E20-E35	Disorders of Other Endocrine Glands	0	1	0	0	1
E25	Adrenogenital Disorders	0	1	0	0	1
E50-E64	Other Nutritional Deficiencies	0	0	1	0	1
E55	Vitamin D Deficiency	0	0	1	0	1
G00-G99	Diseases of the Nervous System	0	1	4	0	5
G10-G14	Systemic Atrophies Primarily Affecting the Central Nervous System	0	0	2	0	2
G12	Spinal Muscular Atrophy and Related Syndromes	0	0	2	0	2
G90-G99	Other Disorders of the Nervous System	0	1	2	0	3
G93	Other Disorders of Brain	0	1	2	0	3
I00-I99	Diseases of the Circulatory System	0	0	2	0	2
I00-I09,						
I13,	Diseases of the Heart	0	0	1	0	1
I30-I52	Other forms of Heart Diseases	0	0	1	0	1
I42	Cardiomyopathy	0	0	1	0	1
I70-I79	Diseases of Arteries, Arterioles and Capillaries	0	0	1	0	1
I73	Other Peripheral Vascular Diseases	0	0	1	0	1
J00-J99	Diseases of the Respiratory System	0	2	0	0	2
J09-J18	Influenza and Pneumonia	0	1	0	0	1
J18	Pneumonia, Organism Unspecified	0	1	0	0	1
J40-J47	Chronic Lower Respiratory Diseases	0	1	0	0	1
J42	Unspecified Chronic Bronchitis	0	1	0	0	1
K00-K93	Diseases of the Digestive System	1	0	0	0	1
K90-K93	Other Diseases of the Digestive System	1	0	0	0	1
K90	Intestinal Malabsorption	1	0	0	0	1
P00-P96	Certain Conditions Originating in the Perinatal Period	52	2	6	3	63
P00-P04	Newborn Affected by Maternal Factors and by Complications of Pregnancy and Labor	14	0	0	2	16
P00	Newborn Affected by Maternal Conditions That May Be Unrelated to Present	1	0	0	0	1
P00.0	Maternal Hypertensive Disorders	1	0	0	0	1
P01	Newborn Affected by Maternal Complications of Pregnancy	6	0	0	0	6
P01.1	Premature Rupture of Membranes	5	0	0	0	5
P01.8	Other Maternal Complications of Pregnancy	1	0	0	0	1
P02	Newborn Affected by Complications of Placenta, Cord and Membranes	6	0	0	0	6
P02.0	Placenta Previa	1	0	0	0	1

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Causes of Resident Infant Deaths by Birthweight
West Virginia, 2015
Table 30 (Cont'd)

ICDA 10 Code Number	Cause of Death	Birthweight				Total
		Less than 1,500	1,500 - 2,499 Grams	2,500 Grams or More	Un- known	
P02.1	Other Forms of Placenta Separation and Hemorrhage	3	0	0	0	3
P02.7	Chorioamnionitis	2	0	0	0	2
P04	Newborn Affected by Noxious Influences Transmitted Via Placenta or Breast	1	0	0	2	3
P05-P08	Disorders Related to Length of Gestation and Fetal Growth	22	0	0	1	23
P05	Slow Fetal Growth and Fetal Malnutrition	1	0	0	0	1
P07	Disorders Related to Short Gestation and Low Birthweight, Not Elsewhere	21	0	0	1	22
P07.2	Extreme Immaturity	17	0	0	1	18
P07.3	Other Preterm Infants	4	0	0	0	4
P10-P15	Birth Trauma	1	0	0	0	1
P13	Birth Injury to Skeleton	1	0	0	0	1
P20-P29	Respiratory and Cardiovascular Disorders Specific to the Perinatal Period	5	2	3	0	10
P21	Birth Asphyxia	0	0	1	0	1
P22	Respiratory Distress of Newborn	2	0	0	0	2
P22.0	Respiratory Distress Syndrome	1	0	0	0	1
P22.9	Respiratory Distress of Newborn, Unspecified	1	0	0	0	1
P23	Congenital Pneumonia	0	1	0	0	1
P24	Neonatal Aspiration Syndromes	0	0	2	0	2
P26	Pulmonary Hemorrhage Originating in the Perinatal Period	1	0	0	0	1
P28	Other Respiratory Conditions Originating in the Perinatal Period	0	1	0	0	1
P29	Cardiovascular Disorders Originating in the Perinatal Period	2	0	0	0	2
P29.0	Neonatal Cardiac Failure	1	0	0	0	1
P29.1	Neonatal Cardiac Dysrhythmia	1	0	0	0	1
P35-P39	Infections Specific to the Perinatal Period	3	0	1	0	4
P36	Bacterial Sepsis of Newborn	2	0	1	0	3
P37	Other Congenital Infectious and Parasitic Diseases	1	0	0	0	1
P50-P61	Hemorrhagic and Hematological Disorders of Newborn	2	0	0	0	2
P52	Intracranial Nontraumatic Hemorrhage of Newborn	1	0	0	0	1
P60	Disseminated Intravascular Coagulation of Newborn	1	0	0	0	1
P75-P78	Digestive System Disorders of Newborn	3	0	0	0	3
P77	Necrotizing Enterocolitis of Newborn	3	0	0	0	3
P80-P83	Conditions Involving the Integument and Temperature Regulation of Newborn	2	0	0	0	2
P83	Other Conditions of Integument Specific to Newborn	2	0	0	0	2
P90-P96	Other Disorders Originating in the Perinatal Period	0	0	2	0	2
P90	Convulsions of Newborn	0	0	1	0	1
P96	Other Conditions Originating in the Perinatal Period	0	0	1	0	1
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	10	10	10	1	31
Q00-Q07	Congenital Malformations of the Nervous System	0	1	1	0	2
Q00	Anencephaly and Similar Malformations	0	1	0	0	1
Q04	Other Congenital Malformations of Brain	0	0	1	0	1
Q20-Q28	Congenital Malformations of the Circulatory System	1	2	6	1	10
Q21	Congenital Malformations of Cardiac Septa	0	0	1	0	1
Q23	Congenital Malformations of Aortic and Mitral Valves	0	0	2	0	2

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Causes of Resident Infant Deaths by Birthweight
West Virginia, 2015
Table 30 (Cont'd)

ICDA 10 Code Number	Cause of Death	Birthweight				Total
		Less than 1,500 Grams	1,500 - 2,499 Grams	2,500 Grams or More	Un- known	
Q24	Other Congenital Malformations of the Heart	0	1	2	0	3
Q25	Congenital Malformations of Great Arteries	0	1	1	1	3
Q26	Congenital Malformations of Great Veins	1	0	0	0	1
Q30-Q34	Congenital Malformations of the Respiratory System	3	1	0	0	4
Q31	Congenital Malformations of Larynx	1	0	0	0	1
Q33	Congenital Malformations of Lung	2	1	0	0	3
Q60-Q64	Congenital Malformations of the Urinary System	1	0	0	0	1
Q61	Cystic Kidney Disease	1	0	0	0	1
Q65-Q79	Congenital Malformations and Deformations of the Musculoskeletal System	1	1	1	0	3
Q77	Osteochondrodysplasia with Defects of Growth of Tubular Bones and Spine	0	1	1	0	2
Q79	Congenital Malformations of Musculoskeletal System, Not Elsewhere Classified	1	0	0	0	1
Q80-Q89	Other Congenital Malformations	2	1	0	0	3
Q89	Other Congenital Malformations, Not Elsewhere Classified	2	1	0	0	3
Q90-Q99	Chromosomal Abnormalities, Not Elsewhere Classified	2	4	2	0	8
Q90	Down's Syndrome	1	0	1	0	2
Q91	Edwards' Syndrome and Patau's Syndrome	1	2	1	0	4
Q92	Other Trisomies and Partial Trisomies of the Autosomes, Not Elsewhere	0	1	0	0	1
Q93	Monosomies and Deletions from the Autosomes, Not Elsewhere Classified	0	1	0	0	1
R00-R99	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	0	1	16	0	17
R95-R99	Ill-Defined and Unknown Causes of Mortality	0	1	16	0	17
R95	Sudden Infant Death Syndrome	0	1	14	0	15
R99	Other Ill-Defined and Unspecified Causes of Mortality	0	0	2	0	2
V01-Y98	External Causes of Morbidity and Mortality	2	2	9	0	13
V01-V99	Transport Accidents	0	0	1	0	1
V40-V49	Car Occupant Injured in Transport Accident	0	0	1	0	1
V43	Car Occupant Injured in Collision with Car, Pickup Truck or Van	0	0	1	0	1
W00-X59	Other External Causes of Accidental Injury	2	0	4	0	6
W75-W84	Other Accidental Threats to Breathing	2	0	4	0	6
W75	Accidental Suffocation and Strangulation in Bed	2	0	4	0	6
X85-Y09	Assault	0	1	1	0	2
Y07	Other Maltreatment Syndromes	0	1	1	0	2
Y10-Y34	Event of Undetermined Intent	0	0	3	0	3
Y12	Poisoning by Narcotics and Psychodysleptics [Hallucinogens], Undetermined	0	0	1	0	1
Y20	Hanging, Strangulation and Suffocation, Undetermined Intent	0	0	2	0	2
Y40-Y84	Complications of Medical and Surgical Care	0	1	0	0	1
Y83-Y84	Medical Procedures as the Cause of Abnormal Reaction, Not Noticed	0	1	0	0	1
Y83	Surgical Procedures as the Cause of Abnormal Reaction, Not Noticed	0	1	0	0	1

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Births and Infant Deaths by Selected Risk Factors and Demographics
West Virginia Residents, 2015
Table 31

Factor	Births		Infant Deaths	
	Number	Percent*	Number	Percent*
Total	19,778		139	
Birthweight < 2,500 Grams	1,892	9.6%	84	63.2%
Birthweight < 1,500 Grams	285	1.4%	65	48.9%
Gestational Age < 37 Weeks	2,224	11.3%	83	61.0%
Gestational Age 37-38 Weeks	5,334	27.0%	24	17.6%
Gestational Age 39+ Weeks	12,204	61.8%	29	21.3%
Age of Mother < 20 Years	1,716	8.7%	14	10.1%
Age of Mother < 15 Years	10	0.1%	0	0.0%
Unmarried Mothers	8,576	43.4%	85	62.0%
Mothers Using Tobacco	4,992	25.3%	47	34.8%
White or Caucasian Mothers	18,425	93.2%	124	89.9%
Black or African American Mothers	622	3.1%	10	7.2%
Mothers of Other Races	726	3.7%	4	2.9%
Mothers of Unknown Race	5		1	

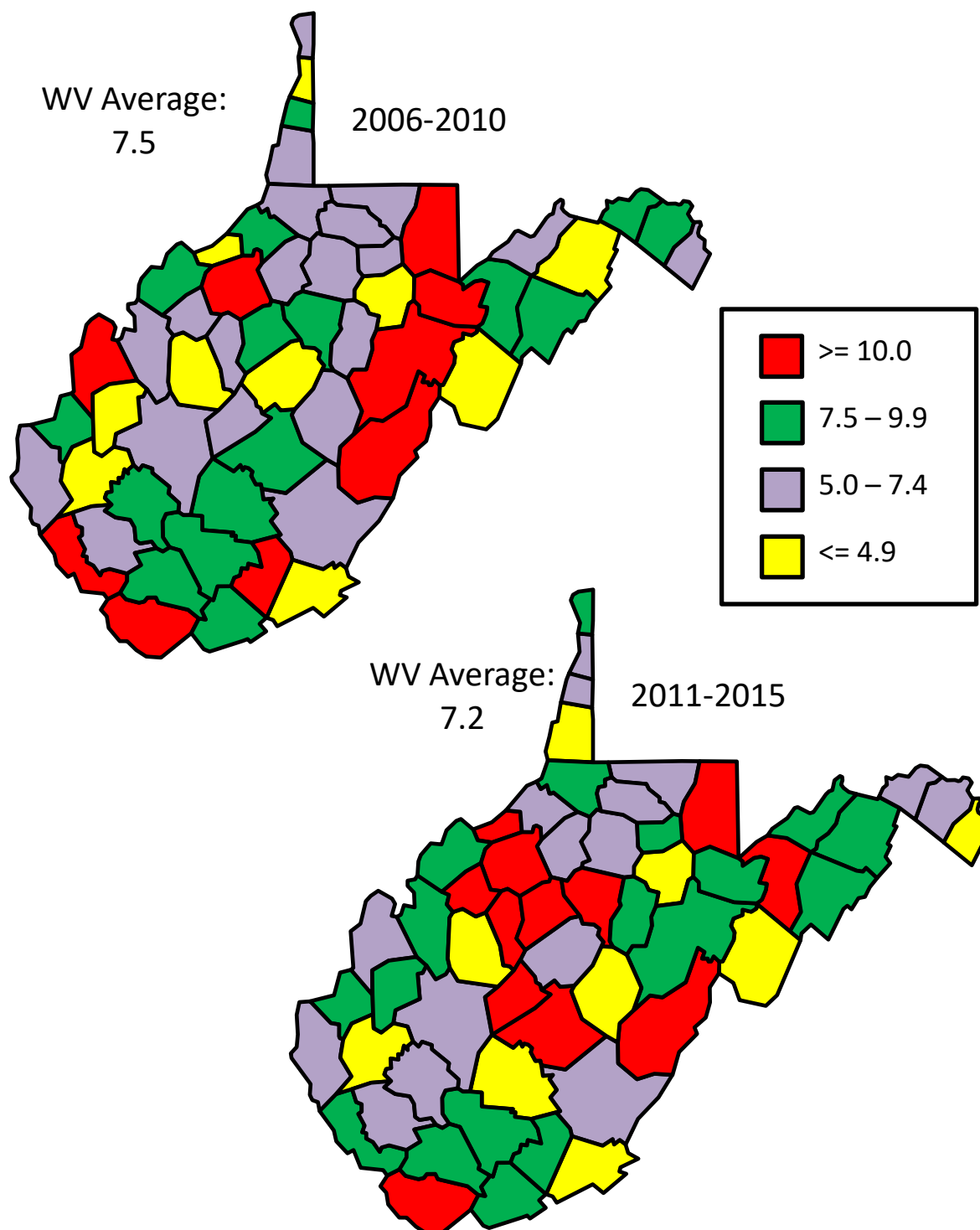
*Percentages are calculated excluding unknown numbers.

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Resident Infant Death Rates by County West Virginia, 2006-2010 and 2011-2015

Exhibit 15



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Causes of Resident Fetal Deaths
West Virginia, 2011-2015
Table 32

ICDA 10 Code	Cause of Death	2011*	2012*	2013*	2014*	2015
A00-Z99*	Total Deaths, All Causes	82	81	84	87	86
C00-D48	Neoplasms	0	0	0	1	0
D10-D36	Benign Neoplasms	0	0	0	1	0
D18	Hemangioma and Lymphangioma, Any Site	0	0	0	1	0
I00-I99	Diseases of the Circulatory System	0	0	0	1	0
I60-I69	Cerebrovascular Diseases	0	0	0	1	0
I62	Other Nontraumatic Intracranial Hemorrhage	0	0	0	1	0
P00-P96	Certain Conditions Originating in the Perinatal Period	76	78	78	76	78
P00-P04	Fetus Affected by Maternal Factors and by Complications of Pregnancy, Labor and Delivery	47	45	36	37	33
P00	Fetus Affected by Maternal Conditions That May Be Unrelated to Present Pregnancy	3	4	6	4	5
P00.0	Maternal Hypertensive Disorders	3	2	4	4	5
P00.1	Maternal Renal and Urinary Tract Diseases	0	0	1	0	0
P00.5	Maternal Injury	0	2	0	0	0
P00.8	Other Maternal Conditions	0	0	1	0	0
P01	Fetus Affected by Maternal Complications of Pregnancy	6	10	8	5	6
P01.0	Incompetent Cervix	1	1	0	1	0
P01.1	Premature Rupture of Membranes	1	7	7	3	6
P01.2	Oligohydramnios	0	2	0	0	0
P01.5	Multiple Pregnancy	4	0	1	0	0
P01.8	Other Maternal Complications of Pregnancy	0	0	0	1	0
P02	Fetus Affected by Complications of Placenta, Cord and Membranes	37	30	22	27	22
P02.1	Other Forms of Placenta Separation and Hemorrhage	9	10	7	6	8
P02.2	Other and Unspecified Morphological and Functional Abnormalities of Placenta	0	3	0	1	0
P02.3	Placental Transfusion Syndromes	0	0	0	1	0
P02.4	Prolapsed Cord	0	2	0	2	0
P02.5	Other Compression of Umbilical Cord	25	9	10	6	5
P02.6	Other and Unspecified Conditions of Umbilical Cord	1	2	0	10	7
P02.7	Chorioamnionitis	1	4	5	1	2
P02.9	Abnormality of Membranes, Unspecified	1	0	0	0	0
P03	Fetus Affected by Other Complications of Labor and Delivery	1	0	0	0	0
P04	Fetus Affected by Noxious Influences Transmitted Via Placenta or Breast Milk	0	1	0	1	0
P05-P08	Disorders Related to Length of Gestation and Fetal Growth	0	4	8	5	11
P05	Slow Fetal Growth and Fetal Malnutrition	0	0	0	0	1
P07	Disorders Related to Short Gestation and Low Birthweight, Not Elsewhere Classified	0	4	8	5	10
P07.2	Extreme Immaturity	0	2	5	2	6
P07.3	Other Preterm Infants	0	2	3	3	4
P20-P29	Respiratory and Cardiovascular Disorders Specific to the Perinatal Period	1	2	2	2	2
P20	Intrauterine Hypoxia	0	1	1	2	0

*Lower numbers than previously reported. See summary pages 80 and 81 for details.

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Causes of Resident Fetal Deaths
West Virginia, 2011-2015
Table 32 (Cont'd)

ICDA 10 Code	Cause of Death	2011*	2012*	2013*	2014*	2015
P29	Cardiovascular Disorders Originating in the Perinatal Period	1	1	1	0	2
P29.0	Neonatal Cardiac Failure	0	0	0	0	1
P29.1	Neonatal Cardiac Dysrhythmia	1	1	0	0	0
P29.2	Neonatal Hypertension	0	0	1	0	1
P50-P61	Hemorrhagic and Hematological Disorders of Fetus	0	1	0	0	0
P50	Fetal Blood Loss	0	1	0	0	0
P70-P74	Transitory Endocrine and Metabolic Disorders Specific to Fetus	3	2	4	1	0
P70	Transitory Disorders of Carbohydrate Metabolism Specific to Fetus	3	2	4	1	0
P70.0	Syndrome of "Infant of Mother with Gestational Diabetes	2	2	1	0	0
P70.1	Syndrome of "Infant of a Diabetic Mother	1	0	1	1	0
P70.2	Neonatal Diabetes Mellitus	0	0	2	0	0
P80-P83	Conditions Involving the Integument and Temperature Regulation of Fetus	0	0	3	4	1
P83	Other Conditions of Integument Specific to Fetus	0	0	3	4	1
P90-P96	Other Disorders Originating in the Perinatal Period	25	24	25	27	31
P91	Other Disturbances of Cerebral Status of Newborn	0	0	0	1	0
P95	Fetal Death of Unspecified Cause	0	0	0	0	4
P96	Other Conditions Originating in the Perinatal Period	25	24	25	26	27
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	6	3	6	9	8
Q00-Q07	Congenital Malformations of the Nervous System	0	0	1	2	0
Q03	Congenital Hydrocephalus	0	0	0	1	0
Q04	Other Congenital Malformations of Brain	0	0	0	1	0
Q07	Other Congenital Malformations of Nervous System	0	0	1	0	0
Q20-Q28	Congenital Malformations of the Circulatory System	0	1	1	1	0
Q23	Congenital Malformations of Aortic and Mitral Valves	0	0	1	1	0
Q27	Other Congenital Malformations of Peripheral Vascular System	0	1	0	0	0
Q30-Q34	Congenital Malformations of the Respiratory System	0	0	0	0	1
Q32	Congenital Malformations of Trachea and Bronchus	0	0	0	0	1
Q38-Q45	Other Congenital Malformations of the Digestive System	0	1	0	0	0
Q43	Other Congenital Malformations of Intestine	0	1	0	0	0
Q60-Q64	Congenital Malformations of the Urinary System	1	1	1	0	0
Q60	Renal Agenesis and Other Reduction Defects of Kidney	1	1	0	0	0
Q64	Other Congenital Malformations of Urinary System	0	0	1	0	0
Q65-Q79	Congenital Malformations and Deformations of the Musculoskeletal System	0	0	1	1	1
Q79	Congenital Malformations of Musculoskeletal System, Not Elsewhere Classified	0	0	1	1	1
Q80-Q89	Other Congenital Malformations	0	0	1	2	3
Q89	Other Congenital Malformations, Not Elsewhere Classified	0	0	1	2	3
Q90-Q99	Chromosomal Abnormalities, Not Elsewhere Classified	5	0	1	3	3
Q91	Edwards' Syndrome and Patau's Syndrome	5	0	1	0	3
Q96	Turner's Syndrome	0	0	0	2	0
Q99	Other Chromosome Abnormalities, Not Elsewhere Classified	0	0	0	1	0

*Lower numbers than previously reported. See summary pages 80 and 81 for details.

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

Induced Terminations of Pregnancy (ITOP) Summary

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

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

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

West Virginia legal code requires clinics to provide counseling and informational guidance to females seeking an abortion. All but five of the 2015 ITOP records indicate the female receives counseling, compared to all but four in 2014. There are some isolated incidents where the abortion needs to be informed due to a medical emergency. In 2015, there were four ITOPs performed due to a medical emergency, two more than 2014.

In 2015, there were 1,519 ITOPs performed in West Virginia, 211 or 12.2% fewer than in 2014 (1,730). Nearly seven out of every eight (87.4%) ITOPs involved a West Virginia resident, while 6.7% were Ohio residents and 5.5% were residents of Kentucky, compared with 2014 percentages of 86.8%, 6.3% and 5.7%, respectively. The median age of women having an ITOP in 2015 was 25, compared to age 24 in 2014. There were 48 procedures in 2015 involving females under the age of 18, of which 47 were performed on unemancipated* minors, compared with 65 in 2014, of which 62 were performed on unemancipated minors. More than four out of every five (83.0%) of the 2015 ITOPs performed in West Virginia involved women who were not married at the time. Around thirty percent (28.8%) of the 2015 ITOPs involved women who had never had a previous live birth, while 83.3% were to women who had two or fewer children. There were six ITOPs performed on a woman who had six or more children. Sixty percent (59.8%) involved women for whom it was their first ITOP, while nearly all (95.3%) involved women who had two or fewer previous ITOPs. Six ITOPs were performed upon women who previously had six or more ITOPs.

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

Induced Terminations of Pregnancy
By Age of Female and Weeks of Gestation
West Virginia Occurrences, 2015

Table 33

Age of Female	Weeks of Gestation							Total
	Less than 9	9-10	11-12	13-15	16-19	20 or More	Unknown	
10-14	3	0	1	1	0	1	0	6
15-17	21	8	10	3	0	0	0	42
18-19	65	20	12	4	2	0	0	103
20-24	294	83	60	28	14	1	0	480
25-29	232	77	48	23	13	1	0	394
30-34	182	49	44	23	6	1	0	305
35-39	98	21	14	10	1	1	0	145
40-44	21	10	5	1	1	0	0	38
45+	2	0	0	0	0	0	0	2
Unknown	1	1	1	0	1	0	0	4
Total	919	269	195	93	38	5	0	1,519

Note: Gestational age is the physician's estimate of gestation (clinical/obstetric estimate).

If the physician's estimate of gestation is not available, it is calculated from the date of onset of last normal menses.

Induced Terminations of Pregnancy
By Age of Female and Marital Status
West Virginia Occurrences, 2015

Table 34

Age of Female	Marital Status						Total
	Married	Never Married	Divorced	Separated	Widowed	Unknown	
10-14	0	6	0	0	0	0	6
15-17	0	41	0	0	0	1	42
18-19	6	94	1	1	1	0	103
20-24	36	417	14	13	0	0	480
25-29	45	297	30	20	2	0	394
30-34	51	170	56	21	3	4	305
35-39	38	61	30	15	0	1	145
40-44	9	15	10	1	0	3	38
45+	0	1	1	0	0	0	2
Unknown	0	3	0	0	0	1	4
Total	185	1,105	142	71	6	10	1,519

DHHR, Bureau for Public Health

Health Statistics Center, Vital Statistics System, 2017

Induced Terminations of Pregnancy
By Age of Female and Previous Live Births
West Virginia Occurrences, 2015

Table 35

Age of Female	Previous Live Births						Total
	None	One	Two	Three	Four or More	Unknown	
10-14	6	0	0	0	0	0	6
15-17	39	3	0	0	0	0	42
18-19	67	28	7	0	1	0	103
20-24	183	170	91	32	4	0	480
25-29	80	128	104	64	18	0	394
30-34	46	92	95	46	26	0	305
35-39	9	40	48	30	18	0	145
40-44	7	10	9	10	2	0	38
45+	0	0	1	1	0	0	2
Unknown	0	2	1	1	0	0	4
Total	437	473	356	184	69	0	1,519

Previous Induced Terminations of Pregnancy
By Age of Female
West Virginia Occurrences, 2015

Table 36

Age of Female	Previous Induced Terminations						Total
	None	One	Two	Three	Four or More	Unknown	
10-14	6	0	0	0	0	0	6
15-17	40	2	0	0	0	0	42
18-19	85	13	3	1	1	0	103
20-24	319	120	35	5	1	0	480
25-29	211	143	21	12	7	0	394
30-34	150	85	37	20	13	0	305
35-39	75	42	18	5	5	0	145
40-44	20	13	3	1	1	0	38
45+	2	0	0	0	0	0	2
Unknown	1	3	0	0	0	0	4
Total	909	421	117	44	28	0	1,519

DHHR, Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2017



West Virginia Vital Statistics

Marriages &
(Incomplete) Divorces

Marriages

On October 9, 2014, state law allowed for people of the same sex to get married. Even with this law being fairly new, the overall number of marriages in West Virginia decreased for the fourth year in a row, from 12,356 in 2014 to 12,296 in 2015. Of those 2015 marriages, 11,806 were male-female marriages while 490 were of the same sex. The marriage rate in 2015 was 6.7 per 1,000 population, same as 2013. The 2015 U.S. provisional rate was 6.9.

For male-female marriages in 2015, the median age was 28 for brides and 30 for grooms. The mode (most frequently reported age) for male-female marriages was 23 for brides and 24 for grooms. There were 52 brides and 13 grooms aged less than 18. There were 192 brides and 346 grooms over the age of 65. Also in 2015, there were 194 marriages in which the groom was 20 years or more older than the bride, while there were 19 marriages in which the bride was at least 20 years older.

For first marriages to those who were a male-female union, the median age for brides was 24; for grooms it was 25. The mode for first male-female marriages in West Virginia was 22 for brides and 23 for grooms. All of West Virginia's brides and grooms less than 18 years of age were in their first marriage. There were nine brides and 10 grooms over the age of 65 for which it was a first marriage.

There were 490 same-sex marriages in 2015 compared to 310 in the last three months of 2014. Of the 490 same-sex marriages in 2015, 135 were to two males and the remaining 355 were to two females. The median age for these same-sex marriages was 31; 38 for males, 30 for females. The mode (most frequently reported age) for same-sex marriages was 24 overall; 24 as well as 46 for males, 23 for females. There were 20 same-sex marriages involving someone over the age of 65; 12 of those were males and the remaining eight were females. State law requires same-sex partners to be at least 18 years of age.

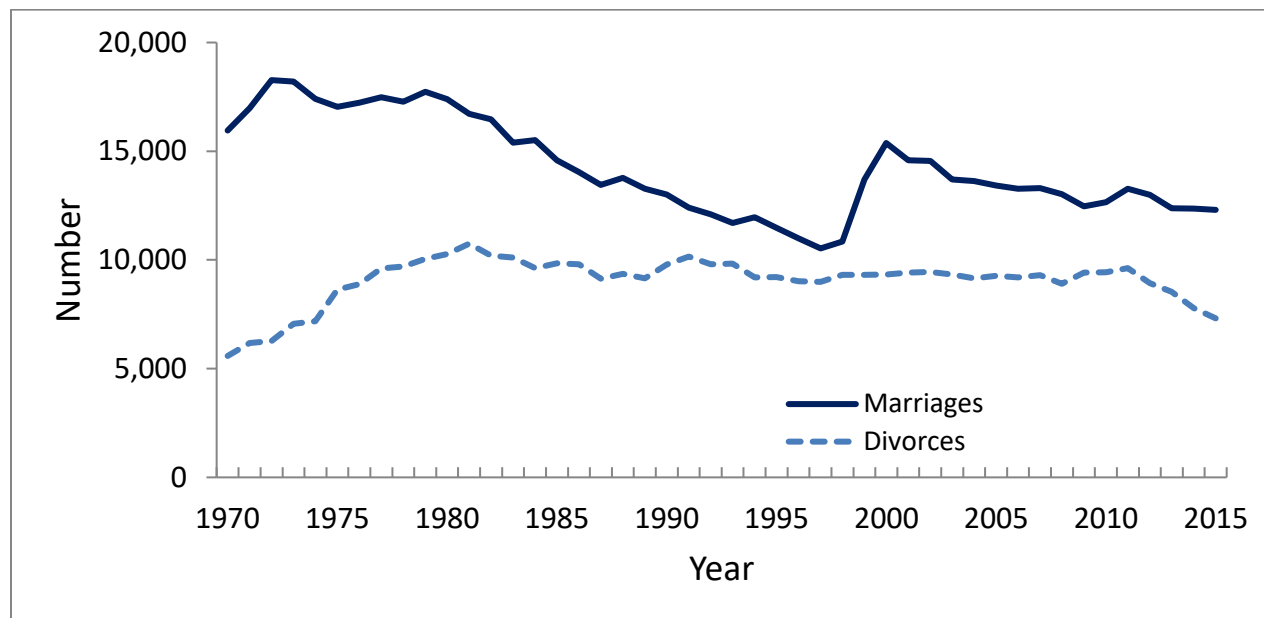
Divorces and Annulments

Several counties failed to report divorces for some months in particular. Therefore this part of the section will be temporarily omitted. Once these counties have been notified and complete data has been sent to the Health Statistics Center, the final publication will be modified.

Note Regarding Marriage and Divorce/Annulment Statistics

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

Marriages and Divorces West Virginia, 1970-2015 Exhibit 16



Year	Marriages	Divorces and Annulments
1970	15,948	5,584
1975	17,041	8,632
1980	17,391	10,273
1985	14,580	9,851
1990	13,012	9,783
1995	11,472	9,219
2000	15,375	9,336
2005	13,423	9,269
2006	13,276	9,191
2007	13,308	9,305
2008	13,025	8,903
2009	12,463	9,420
2010	12,662	9,431
2011	13,271	9,620
2012	12,996	8,932
2013	12,382	8,542
2014	12,356	7,785
2015	12,296	N/A

DHHR, Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2017

All Marriages by Age of Bride and Groom

West Virginia, 2015

Table 37

Age of Bride/Partner 1	Age of Groom/Partner 2												Total
	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60 Years & Over	Unknown	
10-14 Years	0	1	0	0	0	0	0	0	0	0	0	0	1
15-19 Years	0	213	427	65	17	11	4	1	2	1	0	0	741
20-24 Years	0	74	1,643	933	241	76	31	18	5	4	3	0	3,028
25-29 Years	0	4	265	1,281	714	264	101	31	15	5	12	0	2,692
30-34 Years	0	2	53	234	549	429	186	76	21	15	10	0	1,575
35-39 Years	0	1	26	69	207	396	282	124	61	31	15	0	1,212
40-44 Years	0	1	9	27	56	160	293	232	108	41	26	0	953
45-49 Years	0	0	4	6	19	49	127	256	171	71	77	0	780
50-54 Years	0	0	1	0	2	12	43	95	168	118	103	0	542
55-59 Years	0	0	0	1	0	2	12	24	44	116	122	0	321
60 Years & Over	0	0	0	2	0	1	2	7	24	47	368	0	451
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	296	2,428	2,618	1,805	1,400	1,081	864	619	449	736	0	12,296

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

DHHR, Bureau for Public Health

Health Statistics Center, Vital Statistics System, 2017

Male-Female Marriages by Age of Bride and Groom

West Virginia, 2015

Table 38

Age of Bride	Age of Groom												Total
	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60 Years & Over	Unknown	
10-14 Years	0	1	0	0	0	0	0	0	0	0	0	0	1
15-19 Years	0	205	414	62	16	10	4	1	1	1	0	0	714
20-24 Years	0	69	1,604	912	229	69	29	17	3	2	3	0	2,937
25-29 Years	0	3	248	1,244	690	256	96	29	12	5	10	0	2,593
30-34 Years	0	1	45	219	527	421	180	72	21	14	10	0	1,510
35-39 Years	0	1	24	64	197	383	269	119	58	28	15	0	1,158
40-44 Years	0	1	7	19	54	152	284	224	103	39	26	0	909
45-49 Years	0	0	4	5	17	47	119	245	166	69	73	0	745
50-54 Years	0	0	1	0	2	9	37	90	161	109	99	0	508
55-59 Years	0	0	0	1	0	2	10	22	41	113	118	0	307
60 Years & Over	0	0	0	1	0	1	1	6	20	41	354	0	424
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	281	2,347	2,527	1,732	1,350	1,029	825	586	421	708	0	11,806

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

DHHR, Bureau for Public Health

Health Statistics Center, Vital Statistics System, 2017

Same-Sex Marriages by Age

West Virginia, 2015

Table 39

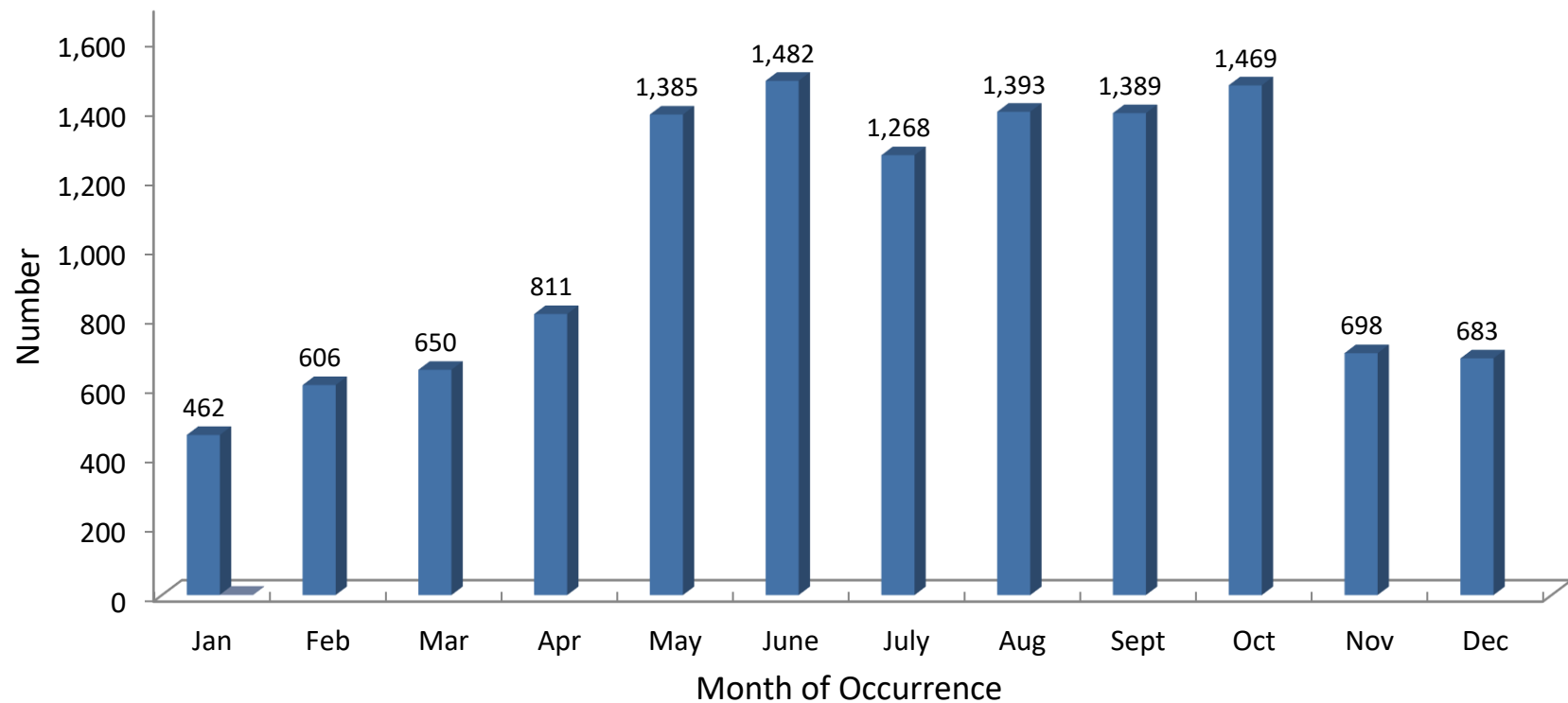
Age of Partner 1	Age of Partner 2												Total
	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60 Years & Over	Unknown	
10-14 Years	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19 Years	0	8	13	3	1	1	0	0	1	0	0	0	27
20-24 Years	0	5	39	21	12	7	2	1	2	2	0	0	91
25-29 Years	0	1	17	37	24	8	5	2	3	0	2	0	99
30-34 Years	0	1	8	15	22	8	6	4	0	1	0	0	65
35-39 Years	0	0	2	5	10	13	13	5	3	3	0	0	54
40-44 Years	0	0	2	8	2	8	9	8	5	2	0	0	44
45-49 Years	0	0	0	1	2	2	8	11	5	2	4	0	35
50-54 Years	0	0	0	0	0	3	6	5	7	9	4	0	34
55-59 Years	0	0	0	0	0	0	2	2	3	3	4	0	14
60 Years & Over	0	0	0	1	0	0	1	1	4	6	14	0	27
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	15	81	91	73	50	52	39	33	28	28	0	490

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

DHHR, Bureau for Public Health

Health Statistics Center, Vital Statistics System, 2017

All Marriages by Month of Occurrence
West Virginia, 2015
Exhibit 17



DHHR, Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2017

All Marriages by Previous Marital Status

West Virginia, 2015

Table 40

Bride/Partner 1	Groom/Partner 2					Total
	Never Married	Widowed	Divorced	Annulled	Not Stated	
Never Married	5,843	42	1,314	4	5	7,208
Widowed	70	123	235	1	0	429
Divorced	1,389	205	3,031	8	1	4,634
Annulled	3	1	4	0	0	8
Not Stated	5	0	6	0	6	17
Total	7,310	371	4,590	13	12	12,296

All Marriages by Number of Previous Marriages

West Virginia, 2015

Table 41

Bride/Partner 1	Groom/Partner 2						Total
	Never Previously Married	One Previous Marriage	Two Previous Marriages	Three Previous Marriages	Four or More Previous Marriages	Not Stated	
Never Previously Married	5,844	1,078	222	45	18	2	7,209
One Previous Marriage	1,145	1,535	508	118	31	2	3,339
Two Previous Marriages	253	589	319	74	26	1	1,262
Three Previous Marriages	50	126	106	49	15	0	346
Four or More Previous Marriages	16	49	39	12	12	0	128
Not Stated	3	3	1	1	0	4	12
Total	7,311	3,380	1,195	299	102	9	12,296

DHHR, Bureau for Public Health

Health Statistics Center, Vital Statistics System, 2017

Male-Female Marriages by Previous Marital Status

West Virginia, 2015

Table 42

Bride	Groom					Total
	Never Married	Widowed	Divorced	Annulled	Not Stated	
Never Married	5,546	42	1,249	4	5	6,846
Widowed	67	123	235	1	0	426
Divorced	1,302	204	2,995	8	1	4,510
Annulled	3	1	4	0	0	8
Not Stated	4	0	6	0	6	16
Total	6,922	370	4,489	13	12	11,806

Male-Female Marriages by Number of Previous Marriages

West Virginia, 2015

Table 43

Bride	Groom						Total
	Never Previously Married	One Previous Marriage	Two Previous Marriages	Three Previous Marriages	Four or More Previous Marriages	Not Stated	
Never Previously Married	5,547	1,026	214	41	17	2	6,847
One Previous Marriage	1,071	1,511	506	117	31	2	3,238
Two Previous Marriages	238	584	318	73	26	1	1,240
Three Previous Marriages	49	125	106	48	15	0	343
Four or More Previous Marriages	15	48	39	12	12	0	126
Not Stated	3	3	1	1	0	4	12
Total	6,923	3,297	1,184	292	101	9	11,806

DHHR, Bureau for Public Health

Health Statistics Center, Vital Statistics System, 2017

Same-Sex Marriages by Previous Marital Status
West Virginia, 2015
Table 44

Partner 1	Partner 2					Total
	Never Married	Widowed	Divorced	Annulled	Not Stated	
Never Married	297	0	65	0	0	362
Widowed	3	0	0	0	0	3
Divorced	87	1	36	0	0	124
Annulled	0	0	0	0	0	0
Not Stated	1	0	0	0	0	1
Total	388	1	101	0	0	490

Same-Sex Marriages by Number of Previous Marriages
West Virginia, 2015
Table 45

Partner 1	Partner 2						Total
	Never Previously Married	One Previous Marriage	Two Previous Marriages	Three Previous Marriages	Four or More Previous Marriages	Not Stated	
Never Previously Married	297	52	8	4	1	0	362
One Previous Marriage	74	24	2	1	0	0	101
Two Previous Marriages	15	5	1	1	0	0	22
Three Previous Marriages	1	1	0	1	0	0	3
Four or More Previous Marriages	1	1	0	0	0	0	2
Not Stated	0	0	0	0	0	0	0
Total	388	83	11	7	1	0	490

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Health Statistics Center, Vital Statistics System, 2017

(Incomplete) Divorces and Annulments by Age of Husband and Wife
West Virginia, 2015
Table 46

Insufficient data. Final publication will have complete data.

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(Incomplete) Divorces and Annulments by Duration of Marriage and Number of Children
West Virginia, 2015

Table 47

Insufficient data. Final publication will have complete data.

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West Virginia Vital Statistics

County-Level Data

County and City Summary

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

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

Number of Births by County of Residence and Occurrence
Birth Rates by County of Residence
West Virginia, 2015
Table 48

County	Residence		Occurrence	County	Residence		Occurrence
	Number	Rate per 1,000 Population*			Number	Rate per 1,000 Population*	
Barbour	163	9.8	1	Monongalia	1,094	10.5	2,581
Berkeley	1,380	12.3	1,014	Monroe	130	9.6	7
Boone	233	10.0	0	Morgan	126	7.2	2
Braxton	176	12.2	0	Nicholas	274	10.7	290
Brooke	204	8.7	418	Ohio	470	10.9	1,605
Cabell	1,087	11.2	3,178	Pendleton	62	8.6	1
Calhoun	61	8.2	0	Pleasants	86	11.2	0
Clay	113	12.7	2	Pocahontas	83	9.6	5
Doddridge	86	10.5	0	Preston	322	9.5	3
Fayette	496	11.0	3	Putnam	601	10.6	11
Gilmer	59	6.9	0	Raleigh	824	10.6	1,166
Grant	134	11.4	252	Randolph	285	9.8	292
Greenbrier	376	10.6	507	Ritchie	101	10.1	1
Hampshire	245	10.5	4	Roane	132	9.1	2
Hancock	268	9.0	1	Summers	121	9.1	6
Hardy	149	10.8	1	Taylor	192	11.4	2
Harrison	800	11.6	1,077	Tucker	63	9.0	1
Jackson	338	11.6	1	Tyler	84	9.4	0
Jefferson	563	10.0	262	Upshur	248	10.0	283
Kanawha	2,058	10.9	3,831	Wayne	421	10.3	2
Lewis	208	12.6	231	Webster	78	8.9	0
Lincoln	239	11.2	0	Wetzel	179	11.3	2
Logan	353	10.2	255	Wirt	58	9.9	0
McDowell	212	10.7	56	Wood	986	11.4	1,450
Marion	622	10.9	229	Wyoming	212	9.6	0
Marshall	317	9.9	2				
Mason	282	10.4	142				
Mercer	734	12.0	1,235	Total	19,778	10.7	20,426
Mineral	272	9.9	4				
Mingo	318	12.6	8				

*Rates are calculated per 1,000 population. 2015 population estimates are from the U.S. Bureau of the Census.

DHHR, Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2017

Number of Births by County of Residence
West Virginia, 2011-2015
Table 49

County	2011	2012	2013	2014	2015	County	2011	2012	2013	2014	2015
Barbour	183	191	167	172	163	Monongalia	1,050	1,017	1,079	1,201	1,094
Berkeley	1,354	1,402	1,379	1,361	1,380	Monroe	141	149	121	126	130
Boone	306	255	278	239	233	Morgan	157	132	151	154	126
Braxton	154	169	153	156	176	Nicholas	301	310	285	260	274
Brooke	181	185	180	198	204	Ohio	456	510	460	448	470
Cabell	1,214	1,236	1,160	1,120	1,087	Pendleton	85	70	77	63	62
Calhoun	90	69	82	70	61	Pleasants	51	75	84	62	86
Clay	115	117	103	94	113	Pocahontas	88	83	97	74	83
Doddridge	60	73	64	66	86	Preston	376	334	361	355	322
Fayette	589	531	579	509	496	Putnam	607	578	633	640	601
Gilmer	66	63	73	65	59	Raleigh	978	1,000	919	884	824
Grant	115	111	122	116	134	Randolph	303	332	310	334	285
Greenbrier	341	416	368	333	376	Ritchie	101	91	96	103	101
Hampshire	223	223	232	236	245	Roane	155	172	149	160	132
Hancock	310	300	258	290	268	Summers	131	117	97	98	121
Hardy	137	147	139	148	149	Taylor	177	189	173	160	192
Harrison	809	794	824	796	800	Tucker	64	60	76	68	63
Jackson	310	326	337	321	338	Tyler	90	97	94	94	84
Jefferson	634	580	622	595	563	Upshur	274	291	275	276	248
Kanawha	2,148	2,222	2,239	2,165	2,058	Wayne	383	432	492	444	421
Lewis	205	192	211	200	208	Webster	106	103	98	94	78
Lincoln	274	267	282	269	239	Wetzel	170	165	174	178	179
Logan	452	433	433	379	353	Wirt	52	61	62	58	58
McDowell	254	286	272	224	212	Wood	990	895	1,039	1,018	986
Marion	679	630	696	630	622	Wyoming	250	235	217	234	212
Marshall	285	359	321	338	317						
Mason	274	287	281	280	282						
Mercer	770	793	737	706	734	Total	20,705	20,813	20,829	20,303	19,778
Mineral	291	300	302	294	272						
Mingo	346	358	316	347	318						

DHHR, Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2017

Number and Percent of Low Birthweight (LBW) Births
By County of Residence
West Virginia, 2015
Table 50

County	Number of Births	Low Birth-weight*	Percent LBW	County	Number of Births	Low Birth-weight*	Percent LBW
Barbour	163	16	9.8%	Monongalia	1,094	85	7.8%
Berkeley	1,380	97	7.0%	Monroe	130	13	10.0%
Boone	233	36	15.5%	Morgan	126	16	12.7%
Braxton	176	18	10.2%	Nicholas	274	21	7.7%
Brooke	204	15	7.4%	Ohio	470	44	9.4%
Cabell	1,087	120	11.0%	Pendleton	62	4	6.5%
Calhoun	61	6	9.8%	Pleasants	86	5	5.8%
Clay	113	4	3.5%	Pocahontas	83	5	6.0%
Doddridge	86	9	10.5%	Preston	322	38	11.8%
Fayette	496	48	9.7%	Putnam	601	56	9.3%
Gilmer	59	2	3.4%	Raleigh	824	82	10.0%
Grant	134	17	12.7%	Randolph	285	24	8.4%
Greenbrier	376	22	5.9%	Ritchie	101	13	12.9%
Hampshire	245	25	10.2%	Roane	132	9	6.8%
Hancock	268	19	7.2%	Summers	121	10	8.3%
Hardy	149	14	9.4%	Taylor	192	20	10.4%
Harrison	800	91	11.4%	Tucker	63	6	9.5%
Jackson	338	26	7.7%	Tyler	84	4	4.8%
Jefferson	563	48	8.5%	Upshur	248	20	8.1%
Kanawha	2,058	218	10.6%	Wayne	421	46	10.9%
Lewis	208	16	7.7%	Webster	78	7	9.0%
Lincoln	239	30	12.6%	Wetzel	179	15	8.4%
Logan	353	48	13.6%	Wirt	58	5	8.6%
McDowell	212	28	13.2%	Wood	986	95	9.6%
Marion	622	60	9.6%	Wyoming	212	26	12.3%
Marshall	317	23	7.3%				
Mason	282	28	10.0%				
Mercer	734	87	11.9%	Total	19,778	1,892	9.6%
Mineral	272	16	5.9%				
Mingo	318	36	11.3%				

* < 2,500 grams

Note: Percentages are calculated excluding unknown.

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Health Statistics Center, Vital Statistics System, 2017

Age of Mother by County
West Virginia Resident Births, 2015
Table 51

County	Age of Mother										Total
	10-14 Years	15-17 Years	18-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45 Years & Over	Un- known	
Barbour	0	3	12	63	44	25	8	7	1	0	163
Berkeley	0	21	82	321	450	339	137	30	0	0	1,380
Boone	0	13	22	74	61	43	16	3	1	0	233
Braxton	0	4	10	69	42	37	8	5	1	0	176
Brooke	0	3	16	64	57	44	14	6	0	0	204
Cabell	0	29	61	280	334	249	116	16	2	0	1,087
Calhoun	0	1	8	23	20	6	2	1	0	0	61
Clay	0	4	11	39	42	13	3	0	1	0	113
Doddridge	0	3	5	42	16	17	2	1	0	0	86
Fayette	1	13	39	169	129	98	30	11	6	0	496
Gilmer	0	1	4	20	21	10	3	0	0	0	59
Grant	0	1	10	42	46	23	11	1	0	0	134
Greenbrier	0	9	25	109	123	69	29	11	1	0	376
Hampshire	0	5	28	83	68	41	18	2	0	0	245
Hancock	1	2	12	65	81	72	27	7	1	0	268
Hardy	0	4	8	48	44	28	14	1	2	0	149
Harrison	1	11	45	239	260	167	67	7	3	0	800
Jackson	0	4	20	97	108	68	36	5	0	0	338
Jefferson	1	3	23	108	163	161	86	17	1	0	563
Kanawha	2	52	143	614	590	415	201	38	3	0	2,058
Lewis	0	2	15	93	42	36	18	2	0	0	208
Lincoln	0	8	17	100	58	32	20	4	0	0	239
Logan	0	13	33	137	97	39	24	8	2	0	353
McDowell	0	6	20	86	58	27	11	3	1	0	212
Marion	1	11	22	156	215	150	55	12	0	0	622
Marshall	0	9	20	91	98	73	22	4	0	0	317
Mason	1	6	26	91	93	40	21	4	0	0	282
Mercer	0	8	63	261	227	115	48	9	3	0	734
Mineral	0	7	20	97	85	37	21	5	0	0	272
Mingo	0	8	27	140	85	37	16	5	0	0	318
Monongalia	0	8	32	220	355	313	143	19	4	0	1,094
Monroe	0	0	11	37	46	25	9	1	1	0	130
Morgan	0	3	7	35	29	35	14	2	1	0	126
Nicholas	0	3	21	91	96	47	12	1	3	0	274
Ohio	1	11	22	126	145	114	40	8	3	0	470
Pendleton	0	1	10	15	19	11	4	1	1	0	62
Pleasants	0	1	8	29	20	20	5	3	0	0	86
Pocahontas	0	0	5	27	32	13	3	3	0	0	83
Preston	0	3	21	104	103	61	25	4	1	0	322
Putnam	0	3	27	131	208	148	63	21	0	0	601
Raleigh	0	30	56	242	262	151	69	8	6	0	824
Randolph	1	9	15	98	88	49	20	5	0	0	285
Ritchie	0	3	8	41	26	13	5	5	0	0	101
Roane	0	5	12	32	42	25	12	3	1	0	132
Summers	0	2	12	32	36	25	9	4	1	0	121
Taylor	0	3	13	45	66	44	20	0	1	0	192
Tucker	0	0	5	22	18	10	6	1	1	0	63
Tyler	0	2	5	28	23	16	8	2	0	0	84
Upshur	0	3	21	86	74	40	16	7	1	0	248
Wayne	0	10	31	129	125	90	30	5	1	0	421
Webster	0	0	6	37	21	6	7	1	0	0	78
Wetzel	0	3	13	67	58	29	9	0	0	0	179
Wirt	0	1	4	23	12	13	3	2	0	0	58
Wood	0	25	80	299	294	198	74	15	1	0	986
Wyoming	0	3	18	86	51	31	16	4	3	0	212
Total	10	396	1,310	5,903	6,006	4,038	1,706	350	59	0	19,778

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Mother's Marital Status and Method of Paternity Establishment for
Unmarried Mothers by County
West Virginia Occurrence Births, 2015
Table 52

County	Total Births	Mother's Marital Status		Mother Unmarried with Paternity Established		Mother Unmarried with Father Unknown
		Married*	Unmarried	Paternity Affidavit Accepted	Father Established by Other Methods	
Barbour	1	1	0	0	0	0
Berkeley	1,014	461	553	369	9	175
Boone	0	0	0	0	0	0
Braxton	0	0	0	0	0	0
Brooke	418	220	198	143	6	49
Cabell	3,178	1,806	1,372	963	40	369
Calhoun	0	0	0	0	0	0
Clay	2	1	1	1	0	0
Doddridge	0	0	0	0	0	0
Fayette	3	2	1	1	0	0
Gilmer	0	0	0	0	0	0
Grant	252	117	135	115	4	16
Greenbrier	507	255	252	194	2	56
Hampshire	4	4	0	0	0	0
Hancock	1	1	0	0	0	0
Hardy	1	1	0	0	0	0
Harrison	1,077	617	460	371	10	79
Jackson	1	1	0	0	0	0
Jefferson	262	133	129	97	2	30
Kanawha	3,831	2,192	1,639	1,218	23	398
Lewis	231	112	119	90	4	25
Lincoln	0	0	0	0	0	0
Logan	255	100	155	81	3	71
McDowell	56	25	31	15	0	16
Marion	229	110	119	96	2	21
Marshall	2	1	1	1	0	0
Mason	142	57	85	59	1	25
Mercer	1,235	722	513	329	14	170
Mineral	4	4	0	0	0	0
Mingo	8	4	4	1	0	3
Monongalia	2,581	1,734	847	593	17	237
Monroe	7	7	0	0	0	0
Morgan	2	1	1	1	0	0
Nicholas	290	139	151	111	1	39
Ohio	1,605	858	747	566	21	160
Pendleton	1	1	0	0	0	0
Pleasants	0	0	0	0	0	0
Pocahontas	5	3	2	2	0	0
Preston	3	1	2	2	0	0
Putnam	11	11	0	0	0	0
Raleigh	1,166	584	582	374	15	193
Randolph	292	145	147	119	2	26
Ritchie	1	1	0	0	0	0
Roane	2	1	1	0	0	1
Summers	6	6	0	0	0	0
Taylor	2	2	0	0	0	0
Tucker	1	0	1	1	0	0
Tyler	0	0	0	0	0	0
Upshur	283	162	121	86	2	33
Wayne	2	2	0	0	0	0
Webster	0	0	0	0	0	0
Wetzel	2	1	1	1	0	0
Wirt	0	0	0	0	0	0
Wood	1,450	773	677	463	14	200
Wyoming	0	0	0	0	0	0
Total	20,426	11,379	9,047	6,463	192	2,392

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*Includes 22 births with unknown marital status

Births by Month by County
West Virginia Residents, 2015
Table 53

County	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Barbour	17	15	13	9	11	10	16	19	19	10	14	10	163
Berkeley	100	82	146	119	110	129	119	107	118	134	100	116	1,380
Boone	20	16	19	18	14	28	27	14	20	18	19	20	233
Braxton	15	14	19	19	13	15	16	18	10	10	15	12	176
Brooke	17	13	14	21	19	25	16	13	19	15	13	19	204
Cabell	92	72	100	87	93	102	96	85	93	95	86	86	1,087
Calhoun	2	6	3	8	3	3	7	0	6	6	6	11	61
Clay	12	16	5	7	11	9	10	8	9	6	6	14	113
Doddridge	6	10	9	5	4	8	12	11	3	5	7	6	86
Fayette	48	28	44	40	45	40	43	46	45	40	45	32	496
Gilmer	7	8	1	4	3	5	4	5	7	4	6	5	59
Grant	11	5	16	11	8	15	11	11	9	15	10	12	134
Greenbrier	34	29	26	42	40	27	22	32	23	33	29	39	376
Hampshire	15	18	19	14	19	33	29	20	19	15	25	19	245
Hancock	38	18	20	25	16	25	22	23	29	16	19	17	268
Hardy	12	12	12	10	9	11	14	15	18	8	10	18	149
Harrison	66	64	79	72	64	68	70	59	61	75	67	55	800
Jackson	26	32	29	32	28	23	29	35	39	18	19	28	338
Jefferson	37	31	47	48	44	48	54	52	57	44	53	48	563
Kanawha	160	147	164	156	172	153	172	206	178	194	176	180	2,058
Lewis	19	13	20	15	13	19	23	8	25	17	20	16	208
Lincoln	21	24	16	22	19	16	28	14	24	19	16	20	239
Logan	36	32	27	26	30	37	32	31	30	26	16	30	353
McDowell	17	19	14	10	19	25	29	11	13	18	17	20	212
Marion	47	39	55	62	54	44	56	68	53	53	40	51	622
Marshall	24	25	30	31	22	20	26	35	26	23	27	28	317
Mason	13	18	26	21	24	36	24	21	33	20	19	27	282
Mercer	50	76	68	66	57	60	51	77	67	49	63	50	734
Mineral	16	21	18	23	21	17	21	22	29	25	28	31	272
Mingo	19	28	33	30	33	23	30	24	23	21	29	25	318
Monongalia	101	86	90	109	95	98	82	95	96	84	81	77	1,094
Monroe	10	11	7	11	12	10	15	8	9	10	15	12	130
Morgan	11	10	12	8	9	8	16	11	10	10	9	12	126
Nicholas	17	18	26	30	21	21	23	24	28	17	27	22	274
Ohio	48	34	46	46	39	33	34	48	46	32	29	35	470
Pendleton	1	2	7	5	5	6	7	5	7	9	4	4	62
Pleasants	6	3	7	10	6	10	9	6	9	5	6	9	86
Pocahontas	8	3	4	4	7	8	3	10	10	9	7	10	83
Preston	33	22	15	29	33	16	32	23	29	31	31	28	322
Putnam	49	50	52	61	50	42	57	60	50	45	52	33	601
Raleigh	58	62	57	81	75	63	75	74	86	67	57	69	824
Randolph	22	27	19	21	20	30	30	35	22	21	16	22	285
Ritchie	4	6	16	12	3	10	8	6	8	8	9	11	101
Roane	14	8	8	5	12	12	9	7	21	13	15	8	132
Summers	4	11	10	9	9	8	11	10	10	11	13	15	121
Taylor	16	15	8	13	17	17	16	19	22	22	14	13	192
Tucker	7	5	2	8	3	6	4	6	5	7	4	6	63
Tyler	6	7	9	6	6	3	4	9	7	10	8	9	84
Upshur	21	17	19	38	19	20	23	19	24	16	12	20	248
Wayne	30	37	37	25	35	36	40	43	42	30	34	32	421
Webster	3	3	7	11	6	10	7	7	8	6	4	6	78
Wetzel	13	14	12	10	12	11	17	16	16	24	16	18	179
Wirt	3	0	8	8	3	7	6	5	3	3	5	7	58
Wood	89	60	77	68	87	90	74	85	81	85	78	112	986
Wyoming	14	10	15	19	23	22	17	18	16	20	11	27	212
Total	1,585	1,452	1,662	1,700	1,625	1,671	1,728	1,739	1,770	1,627	1,557	1,662	19,778

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Place of Delivery, Gender of Child by Race and Marital Status of Mother by County
West Virginia Resident Births, 2015

Table 54

County	Place of Delivery		White or Caucasian		Black or African American		All Other Races		Number of Births to Unmarried Mothers	Total
	Hospital*	Non-Hospital**	Male	Female	Male	Female	Male	Female		
Barbour	162	1	79	79	2	2	0	1	74	163
Berkeley	1,362	18	618	572	41	44	61	43	572	1,380
Boone	233	0	119	113	0	0	1	0	125	233
Braxton	176	0	91	81	0	0	1	3	72	176
Brooke	203	1	99	97	1	0	3	4	100	204
Cabell	1,082	5	555	456	22	23	16	15	488	1,087
Calhoun	61	0	35	25	0	0	1	0	32	61
Clay	112	1	51	60	0	0	1	1	57	113
Doddridge	86	0	38	46	0	0	0	2	34	86
Fayette	494	2	239	240	10	2	2	3	235	496
Gilmer	58	1	33	26	0	0	0	0	25	59
Grant	134	0	61	69	0	2	1	1	58	134
Greenbrier	371	5	179	179	5	1	8	4	167	376
Hampshire	241	4	124	115	2	1	1	2	113	245
Hancock	268	0	126	133	1	5	2	1	116	268
Hardy	149	0	66	65	1	6	6	5	64	149
Harrison	800	0	400	374	5	2	7	12	338	800
Jackson	337	1	167	164	1	1	4	1	142	338
Jefferson	556	7	246	234	10	17	29	27	203	563
Kanawha	2,052	6	886	881	92	90	69	40	976	2,058
Lewis	208	0	114	90	0	0	3	1	104	208
Lincoln	239	0	114	124	0	1	0	0	122	239
Logan	353	0	169	177	1	2	0	4	166	353
McDowell	211	1	93	99	11	8	0	1	94	212
Marion	621	1	299	274	9	14	12	14	243	622
Marshall	316	1	149	164	0	0	2	2	156	317
Mason	279	3	139	138	0	0	2	3	143	282
Mercer	732	2	336	331	22	20	15	10	341	734
Mineral	272	0	116	140	2	3	4	7	113	272
Mingo	317	1	159	157	0	2	0	0	156	318
Monongalia	1,083	11	491	473	15	10	57	48	317	1,094
Monroe	124	6	69	56	0	1	2	2	50	130
Morgan	124	2	59	58	0	2	3	4	51	126
Nicholas	274	0	126	146	0	0	0	2	121	274
Ohio	468	2	214	200	19	11	11	14	239	470
Pendleton	61	1	33	26	1	0	2	0	25	62
Pleasants	86	0	47	37	0	0	2	0	35	86
Pocahontas	79	4	36	46	0	0	0	1	35	83
Preston	322	0	168	148	0	0	4	2	134	322
Putnam	597	4	291	285	2	5	12	6	167	601
Raleigh	819	5	388	345	31	29	15	16	385	824
Randolph	284	1	129	148	0	0	3	4	139	285
Ritchie	100	1	45	53	0	0	1	2	41	101
Roane	132	0	61	69	0	0	1	1	48	132
Summers	116	5	59	58	1	0	2	1	48	121
Taylor	190	2	94	92	2	0	2	1	78	192
Tucker	62	1	38	25	0	0	0	0	22	63
Tyler	84	0	44	39	0	0	1	0	32	84
Upshur	247	1	128	115	0	1	1	2	117	248
Wayne	420	1	227	189	2	0	3	0	173	421
Webster	78	0	42	34	0	0	1	1	34	78
Wetzel	178	1	93	83	0	1	1	1	95	179
Wirt	58	0	27	31	0	0	0	0	25	58
Wood	981	5	465	486	3	2	12	18	455	986
Wyoming	212	0	108	98	0	0	2	4	81	212
Total	19,664	114	9,382	9,043	314	308	389	337	8,576	19,778

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

**Includes two unknown.

NOTE: Does NOT include 26 births with mother's unknown race.

Trimester Prenatal Care Began by County
West Virginia Resident Births, 2015
Table 55

County	First Trimester		Second Trimester		Third Trimester		No Care		Unknown	Total
	Births	Percent*	Births	Percent*	Births	Percent*	Births	Percent*		
Barbour	119	73.0%	37	22.7%	7	4.3%	0	0.0%	0	163
Berkeley	1,089	81.2%	206	15.4%	42	3.1%	4	0.3%	39	1,380
Boone	160	72.1%	45	20.3%	14	6.3%	3	1.4%	11	233
Braxton	138	79.3%	29	16.7%	6	3.4%	1	0.6%	2	176
Brooke	148	73.3%	42	20.8%	7	3.5%	5	2.5%	2	204
Cabell	945	87.4%	104	9.6%	26	2.4%	6	0.6%	6	1,087
Calhoun	45	73.8%	12	19.7%	2	3.3%	2	3.3%	0	61
Clay	67	63.2%	25	23.6%	12	11.3%	2	1.9%	7	113
Doddridge	58	69.0%	19	22.6%	6	7.1%	1	1.2%	2	86
Fayette	379	77.3%	70	14.3%	34	6.9%	7	1.4%	6	496
Gilmer	43	75.4%	9	15.8%	4	7.0%	1	1.8%	2	59
Grant	106	79.7%	23	17.3%	2	1.5%	2	1.5%	1	134
Greenbrier	295	81.7%	42	11.6%	19	5.3%	5	1.4%	15	376
Hampshire	159	72.9%	49	22.5%	7	3.2%	3	1.4%	27	245
Hancock	183	69.1%	68	25.7%	11	4.2%	3	1.1%	3	268
Hardy	101	72.1%	30	21.4%	6	4.3%	3	2.1%	9	149
Harrison	601	75.3%	162	20.3%	28	3.5%	7	0.9%	2	800
Jackson	260	79.3%	42	12.8%	24	7.3%	2	0.6%	10	338
Jefferson	431	80.0%	79	14.7%	20	3.7%	9	1.7%	24	563
Kanawha	1,542	77.3%	324	16.2%	107	5.4%	21	1.1%	64	2,058
Lewis	172	82.7%	32	15.4%	2	1.0%	2	1.0%	0	208
Lincoln	185	79.4%	39	16.7%	6	2.6%	3	1.3%	6	239
Logan	237	67.7%	84	24.0%	23	6.6%	6	1.7%	3	353
McDowell	153	74.6%	38	18.5%	11	5.4%	3	1.5%	7	212
Marion	474	76.8%	118	19.1%	18	2.9%	7	1.1%	5	622
Marshall	249	79.0%	50	15.9%	10	3.2%	6	1.9%	2	317
Mason	221	79.2%	41	14.7%	16	5.7%	1	0.4%	3	282
Mercer	536	75.0%	139	19.4%	32	4.5%	8	1.1%	19	734
Mineral	213	78.6%	45	16.6%	10	3.7%	3	1.1%	1	272
Mingo	223	71.9%	57	18.4%	27	8.7%	3	1.0%	8	318
Monongalia	874	80.1%	162	14.8%	42	3.8%	13	1.2%	3	1,094
Monroe	89	69.5%	30	23.4%	3	2.3%	6	4.7%	2	130
Morgan	91	79.8%	19	16.7%	3	2.6%	1	0.9%	12	126
Nicholas	208	76.8%	47	17.3%	12	4.4%	4	1.5%	3	274
Ohio	386	83.5%	57	12.3%	14	3.0%	5	1.1%	8	470
Pendleton	47	77.0%	8	13.1%	4	6.6%	2	3.3%	1	62
Pleasants	76	88.4%	6	7.0%	4	4.7%	0	0.0%	0	86
Pocahontas	60	73.2%	13	15.9%	7	8.5%	2	2.4%	1	83
Preston	259	80.7%	42	13.1%	17	5.3%	3	0.9%	1	322
Putnam	506	86.2%	57	9.7%	19	3.2%	5	0.9%	14	601
Raleigh	653	80.0%	112	13.7%	42	5.1%	9	1.1%	8	824
Randolph	193	68.0%	70	24.6%	18	6.3%	3	1.1%	1	285
Ritchie	81	81.0%	16	16.0%	2	2.0%	1	1.0%	1	101
Roane	93	76.2%	20	16.4%	9	7.4%	0	0.0%	10	132
Summers	90	75.0%	23	19.2%	6	5.0%	1	0.8%	1	121
Taylor	146	76.0%	37	19.3%	7	3.6%	2	1.0%	0	192
Tucker	51	82.3%	11	17.7%	0	0.0%	0	0.0%	1	63
Tyler	64	79.0%	15	18.5%	2	2.5%	0	0.0%	3	84
Upshur	196	79.0%	39	15.7%	12	4.8%	1	0.4%	0	248
Wayne	367	87.4%	43	10.2%	10	2.4%	0	0.0%	1	421
Webster	56	71.8%	18	23.1%	4	5.1%	0	0.0%	0	78
Wetzel	128	71.9%	34	19.1%	11	6.2%	5	2.8%	1	179
Wirt	47	82.5%	7	12.3%	1	1.8%	2	3.5%	1	58
Wood	803	82.2%	142	14.5%	23	2.4%	9	0.9%	9	986
Wyoming	157	75.8%	37	17.9%	13	6.3%	0	0.0%	5	212
Total	15,253	78.6%	3,125	16.1%	824	4.2%	203	1.0%	373	19,778

DHHR, Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2017

*Percentages calculated excluding unknown.

Number of Prenatal Visits by County
West Virginia Resident Births, 2015
Table 56

County	Number of Prenatal Visits										Un- known	Total
	No Visits		1-5 Visits		6-10 Visits		11-15 Visits		16 or More Visits			
	Births	Percent*	Births	Percent*	Births	Percent*	Births	Percent*	Births	Percent*		
Barbour	0	0.0%	10	6.1%	56	34.4%	84	51.5%	13	8.0%	0	163
Berkeley	4	0.3%	65	4.7%	301	21.9%	855	62.2%	150	10.9%	5	1,380
Boone	3	1.3%	17	7.6%	77	34.5%	104	46.6%	22	9.9%	10	233
Braxton	1	0.6%	10	5.7%	54	31.0%	92	52.9%	17	9.8%	2	176
Brooke	5	2.5%	10	4.9%	48	23.6%	118	58.1%	22	10.8%	1	204
Cabell	7	0.6%	49	4.5%	355	32.7%	530	48.8%	145	13.4%	1	1,087
Calhoun	2	3.3%	2	3.3%	17	27.9%	30	49.2%	10	16.4%	0	61
Clay	2	1.9%	10	9.4%	41	38.7%	45	42.5%	8	7.5%	7	113
Doddridge	1	1.2%	9	10.5%	26	30.2%	44	51.2%	6	7.0%	0	86
Fayette	8	1.6%	41	8.4%	117	23.9%	237	48.4%	87	17.8%	6	496
Gilmer	1	1.8%	0	0.0%	13	22.8%	36	63.2%	7	12.3%	2	59
Grant	2	1.5%	5	3.7%	32	23.9%	58	43.3%	37	27.6%	0	134
Greenbrier	5	1.3%	54	14.4%	72	19.3%	208	55.6%	35	9.4%	2	376
Hampshire	3	1.2%	20	8.3%	65	26.9%	147	60.7%	7	2.9%	3	245
Hancock	3	1.1%	17	6.4%	80	30.2%	152	57.4%	13	4.9%	3	268
Hardy	3	2.0%	7	4.7%	28	18.8%	89	59.7%	22	14.8%	0	149
Harrison	7	0.9%	53	6.6%	267	33.4%	423	52.9%	50	6.3%	0	800
Jackson	2	0.6%	26	7.9%	88	26.7%	165	50.0%	49	14.8%	8	338
Jefferson	10	1.8%	33	5.9%	160	28.4%	321	57.0%	39	6.9%	0	563
Kanawha	23	1.2%	125	6.3%	552	27.7%	1,069	53.6%	226	11.3%	63	2,058
Lewis	2	1.0%	6	2.9%	47	22.6%	122	58.7%	31	14.9%	0	208
Lincoln	3	1.3%	10	4.3%	61	26.1%	126	53.8%	34	14.5%	5	239
Logan	6	1.7%	22	6.3%	124	35.4%	174	49.7%	24	6.9%	3	353
McDowell	3	1.4%	24	11.3%	35	16.5%	120	56.6%	30	14.2%	0	212
Marion	10	1.6%	38	6.1%	181	29.2%	298	48.1%	93	15.0%	2	622
Marshall	6	1.9%	13	4.1%	49	15.6%	177	56.2%	70	22.2%	2	317
Mason	1	0.4%	18	6.5%	87	31.3%	131	47.1%	41	14.7%	4	282
Mercer	8	1.1%	39	5.3%	129	17.6%	450	61.5%	106	14.5%	2	734
Mineral	3	1.1%	43	15.8%	93	34.2%	112	41.2%	21	7.7%	0	272
Mingo	3	1.0%	34	11.0%	96	31.0%	150	48.4%	27	8.7%	8	318
Monongalia	14	1.3%	62	5.7%	212	19.4%	559	51.2%	244	22.4%	3	1,094
Monroe	6	4.6%	15	11.5%	34	26.2%	68	52.3%	7	5.4%	0	130
Morgan	1	0.8%	9	7.1%	30	23.8%	77	61.1%	9	7.1%	0	126
Nicholas	4	1.5%	21	7.7%	90	33.2%	144	53.1%	12	4.4%	3	274
Ohio	5	1.1%	19	4.1%	84	18.2%	275	59.5%	79	17.1%	8	470
Pendleton	2	3.2%	1	1.6%	13	21.0%	40	64.5%	6	9.7%	0	62
Pleasants	0	0.0%	2	2.3%	11	12.8%	56	65.1%	17	19.8%	0	86
Pocahontas	2	2.4%	8	9.8%	27	32.9%	44	53.7%	1	1.2%	1	83
Preston	4	1.2%	34	10.6%	61	18.9%	151	46.9%	72	22.4%	0	322
Putnam	5	0.9%	18	3.1%	139	23.6%	349	59.4%	77	13.1%	13	601
Raleigh	10	1.2%	57	7.0%	138	16.9%	439	53.7%	174	21.3%	6	824
Randolph	3	1.1%	21	7.4%	81	28.4%	160	56.1%	20	7.0%	0	285
Ritchie	1	1.0%	4	4.0%	22	22.0%	52	52.0%	21	21.0%	1	101
Roane	0	0.0%	20	16.4%	33	27.0%	55	45.1%	14	11.5%	10	132
Summers	1	0.8%	18	14.9%	31	25.6%	61	50.4%	10	8.3%	0	121
Taylor	2	1.0%	8	4.2%	53	27.6%	106	55.2%	23	12.0%	0	192
Tucker	0	0.0%	3	4.8%	21	33.9%	35	56.5%	3	4.8%	1	63
Tyler	0	0.0%	6	7.3%	19	23.2%	48	58.5%	9	11.0%	2	84
Upshur	1	0.4%	19	7.7%	55	22.2%	141	56.9%	32	12.9%	0	248
Wayne	0	0.0%	21	5.0%	148	35.2%	212	50.4%	40	9.5%	0	421
Webster	0	0.0%	5	6.4%	34	43.6%	34	43.6%	5	6.4%	0	78
Wetzel	5	2.8%	13	7.3%	42	23.6%	93	52.2%	25	14.0%	1	179
Wirt	2	3.5%	3	5.3%	7	12.3%	35	61.4%	10	17.5%	1	58
Wood	9	0.9%	25	2.6%	203	20.8%	522	53.4%	218	22.3%	9	986
Wyoming	0	0.0%	16	7.6%	50	23.8%	112	53.3%	32	15.2%	2	212
Total	214	1.1%	1,238	6.3%	4,989	25.5%	10,535	53.8%	2,602	13.3%	200	19,778

DHHR, Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2017

*Percentages calculated excluding unknown.

Pregnancy Risk Factors, Cesarean Sections, Delivery Complications,
Congenital Anomalies and/or Abnormal Conditions of the Newborn
Percent* of Total Births by County of Residence
West Virginia Resident Births, 2015

Table 57

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
	Tobacco Use	1 or More Medical Risk Factors	Maternal Drug Use	Primary	Repeat			
Barbour	30.7	42.3	8.6	19.0	15.3	36.8	1.9	14.7
Berkeley	17.7	48.6	6.6	13.8	15.3	26.6	0.5	13.8
Boone	34.8	48.9	19.3	23.6	17.2	26.6	0.4	25.8
Braxton	29.0	39.8	3.4	18.8	18.2	29.0	0.6	14.2
Brooke	24.5	34.8	3.4	24.0	17.6	54.9	3.4	13.7
Cabell	23.9	46.9	10.2	18.9	18.0	32.1	0.4	15.8
Calhoun	39.3	41.0	1.6	8.2	18.0	29.5	0.0	9.8
Clay	33.6	40.7	9.7	22.1	14.2	20.4	0.9	19.5
Doddridge	30.2	37.2	8.1	16.3	15.1	22.1	2.3	14.0
Fayette	30.8	30.8	3.8	19.4	9.7	20.4	2.4	13.1
Gilmer	16.9	35.6	1.7	18.6	15.3	20.3	0.0	10.2
Grant	20.9	44.0	0.7	16.4	24.6	27.6	2.2	9.0
Greenbrier	25.6	19.4	3.7	12.5	7.7	11.2	1.6	7.7
Hampshire	24.1	35.1	0.8	11.8	14.3	30.6	0.0	9.0
Hancock	29.5	36.9	4.1	23.1	11.9	54.5	0.4	9.3
Hardy	30.9	38.9	2.0	17.4	22.1	28.9	0.7	6.0
Harrison	24.3	37.4	5.6	22.5	12.9	20.8	0.4	13.8
Jackson	21.6	37.9	3.3	21.9	19.5	29.9	0.0	18.0
Jefferson	16.2	45.8	4.3	17.2	13.0	36.4	0.9	15.6
Kanawha	23.9	46.7	11.7	21.7	19.5	25.1	0.1	23.4
Lewis	25.5	37.5	4.3	20.7	13.9	30.3	0.5	13.5
Lincoln	33.1	48.1	10.9	28.5	15.5	28.5	0.4	22.6
Logan	35.0	39.1	5.1	38.5	12.5	22.4	1.1	17.0
McDowell	41.6	30.7	6.1	24.1	14.6	34.0	0.5	15.1
Marion	25.7	34.9	4.5	19.3	11.7	24.6	1.0	11.6
Marshall	30.9	38.5	5.4	19.9	18.6	41.6	1.3	12.0
Mason	33.1	46.5	8.5	17.7	12.8	45.0	0.4	16.7
Mercer	30.2	30.8	3.1	21.7	12.9	33.1	0.7	11.9
Mineral	19.1	34.6	1.1	14.3	14.0	29.4	0.4	7.7
Mingo	31.6	42.1	3.5	28.0	19.8	23.9	1.3	16.0
Monongalia	15.9	34.0	3.0	19.7	10.9	41.0	0.7	12.2
Monroe	25.8	20.8	4.6	16.9	9.2	24.6	1.5	11.5
Morgan	28.5	41.3	6.3	9.5	11.9	23.8	1.6	15.1
Nicholas	33.9	27.0	5.1	23.4	13.1	24.5	1.5	9.1
Ohio	24.0	34.3	8.5	26.2	13.8	45.5	1.1	15.1
Pendleton	20.0	37.1	0.0	22.6	19.4	24.2	0.0	1.6
Pleasants	14.0	32.6	2.3	17.4	10.5	30.2	0.0	4.7
Pocahontas	29.3	25.3	4.8	18.1	9.6	32.5	1.2	14.6
Preston	30.7	37.6	3.7	16.5	16.1	35.4	1.2	15.5
Putnam	14.0	41.8	7.2	18.5	15.6	27.1	0.2	18.3
Raleigh	24.7	34.1	2.5	21.8	8.4	19.8	4.1	11.2
Randolph	35.1	40.7	12.3	15.8	17.2	33.7	1.4	18.2
Ritchie	29.7	31.7	2.0	18.8	8.9	43.6	0.0	10.9
Roane	31.1	38.6	4.5	20.5	18.9	29.5	0.0	21.2
Summers	33.3	28.9	4.1	16.5	10.7	23.1	0.8	9.1
Taylor	26.6	41.7	5.2	18.8	13.5	26.0	0.5	14.1
Tucker	23.8	33.3	4.8	27.0	17.5	31.7	0.0	14.3
Tyler	30.1	45.2	3.6	13.1	17.9	33.3	1.2	7.1
Upshur	32.3	44.4	10.9	14.5	12.1	35.5	1.6	16.1
Wayne	26.2	48.0	7.1	15.7	17.8	32.1	0.7	18.8
Webster	26.9	33.3	2.6	26.9	14.1	29.5	3.8	11.5
Wetzel	35.8	37.4	5.0	19.6	20.1	35.2	0.0	7.8
Wirt	27.6	39.7	3.4	15.5	15.5	39.7	0.0	6.9
Wood	23.8	35.6	1.6	22.2	16.0	37.3	0.5	8.4
Wyoming	38.5	35.8	1.4	30.2	11.3	23.1	2.8	15.6
Total	25.3	39.2	5.9	20.1	14.8	30.1	0.9	14.5

DHHR, Bureau for Public Health

*Percentages calculated excluding unknown.

Health Statistics Center, Vital Statistics System, 2017

Number of Deaths by Race, Gender and County of Residence
West Virginia, 2015
Table 58

County	White or Caucasian		Black or African American		All Other Races		Total
	Male	Female	Male	Female	Male	Female	
Barbour	97	100	0	1	0	0	198
Berkeley	486	413	51	25	5	3	984
Boone	159	183	0	0	0	0	342
Braxton	98	78	1	0	0	0	177
Brooke	173	163	2	4	0	0	342
Cabell	598	570	40	17	2	0	1,228
Calhoun	50	45	0	0	0	0	95
Clay	54	55	0	0	0	0	109
Doddridge	45	40	0	0	1	0	86
Fayette	307	303	15	24	0	0	649
Gilmer	32	51	1	0	0	0	84
Grant	71	64	0	1	0	0	136
Greenbrier	224	252	11	8	0	0	496
Hampshire	150	127	2	0	0	0	279
Hancock	189	193	7	5	0	0	394
Hardy	76	87	3	3	0	0	169
Harrison	410	424	7	5	1	0	848
Jackson	189	174	1	0	0	0	364
Jefferson	234	184	11	12	1	2	444
Kanawha	1,144	1,204	85	82	4	4	2,523
Lewis	127	113	0	0	0	0	241
Lincoln	125	134	0	0	0	0	259
Logan	280	272	8	10	2	0	572
McDowell	178	138	13	19	0	0	348
Marion	344	340	12	14	0	2	714
Marshall	208	193	1	0	0	1	403
Mason	199	167	0	0	0	0	366
Mercer	414	426	24	21	1	0	887
Mineral	183	153	5	3	0	0	344
Mingo	167	160	3	2	1	0	333
Monongalia	319	367	7	9	4	3	709
Monroe	87	88	0	2	0	0	177
Morgan	109	95	0	1	0	1	206
Nicholas	169	152	1	0	0	0	322
Ohio	257	300	13	7	0	0	577
Pendleton	51	40	2	0	0	0	93
Pleasants	49	40	1	0	0	0	90
Pocahontas	57	49	1	0	0	0	107
Preston	198	176	4	2	1	0	381
Putnam	290	276	1	0	1	0	568
Raleigh	534	484	32	37	0	1	1,088
Randolph	189	183	1	0	0	1	374
Ritchie	62	64	0	0	0	0	126
Roane	101	90	0	0	0	0	191
Summers	103	98	4	0	0	1	207
Taylor	100	113	1	0	0	0	214
Tucker	39	46	0	0	0	0	85
Tyler	62	52	0	0	0	0	114
Upshur	129	125	0	2	0	0	256
Wayne	255	269	0	0	0	0	524
Webster	68	65	0	0	0	0	133
Wetzel	106	104	0	0	0	0	210
Wirt	33	33	0	0	0	0	66
Wood	540	511	6	6	3	1	1,068
Wyoming	188	153	1	1	0	0	343
Total	11,106	10,779	378	323	27	20	22,643

DHHR, Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2017

Number of Deaths by County of Residence and Occurrence
West Virginia, 2015
Table 59

County	Residence	Occurrence	County	Residence	Occurrence
Barbour	198	136	Monongalia	709	1,566
Berkeley	984	942	Monroe	177	87
Boone	342	208	Morgan	206	126
Braxton	177	125	Nicholas	322	228
Brooke	342	389	Ohio	577	1,085
Cabell	1,228	2,221	Pendleton	93	54
Calhoun	95	48	Pleasants	90	65
Clay	109	66	Pocahontas	107	75
Doddridge	86	42	Preston	381	270
Fayette	649	397	Putnam	568	406
Gilmer	84	63	Raleigh	1,088	1,353
Grant	136	157	Randolph	374	364
Greenbrier	496	467	Ritchie	126	57
Hampshire	279	172	Roane	191	129
Hancock	394	191	Summers	207	152
Hardy	169	85	Taylor	214	162
Harrison	848	968	Tucker	85	62
Jackson	364	238	Tyler	114	87
Jefferson	444	382	Upshur	256	185
Kanawha	2,523	3,344	Wayne	524	263
Lewis	241	197	Webster	133	70
Lincoln	259	103	Wetzel	210	164
Logan	572	474	Wirt	66	29
McDowell	348	229	Wood	1,068	1,069
Marion	714	565	Wyoming	343	126
Marshall	403	239			
Mason	366	223			
Mercer	887	878	Total	22,643	22,178
Mineral	344	204			
Mingo	333	191			

DHHR, Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2017

Resident deaths include 2,105 West Virginians dying out of state.

Method of Disposition by County of Residence
West Virginia Deaths, 2015
Table 60

County	Method of Disposition										Un- known	Total
	Burial		Cremation		Donation		Removal From State		Other			
	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*		
Barbour	127	64.1%	63	31.8%	3	1.5%	3	1.5%	2	1.0%	0	198
Berkeley	436	44.4%	449	45.8%	20	2.0%	68	6.9%	8	0.8%	3	984
Boone	261	76.5%	73	21.4%	2	0.6%	2	0.6%	3	0.9%	1	342
Braxton	107	60.5%	61	34.5%	3	1.7%	4	2.3%	2	1.1%	0	177
Brooke	150	43.9%	110	32.2%	3	0.9%	73	21.3%	6	1.8%	0	342
Cabell	735	60.0%	400	32.7%	19	1.6%	19	1.6%	52	4.2%	3	1,228
Calhoun	61	64.2%	33	34.7%	0	0.0%	0	0.0%	1	1.1%	0	95
Clay	69	63.3%	33	30.3%	4	3.7%	3	2.8%	0	0.0%	0	109
Doddridge	57	67.1%	23	27.1%	3	3.5%	2	2.4%	0	0.0%	1	86
Fayette	382	59.0%	191	29.5%	16	2.5%	13	2.0%	45	7.0%	2	649
Gilmer	46	54.8%	34	40.5%	3	3.6%	1	1.2%	0	0.0%	0	84
Grant	84	62.2%	39	28.9%	1	0.7%	11	8.1%	0	0.0%	1	136
Greenbrier	275	55.4%	158	31.9%	13	2.6%	33	6.7%	17	3.4%	0	496
Hampshire	107	38.5%	115	41.4%	5	1.8%	51	18.3%	0	0.0%	1	279
Hancock	161	41.1%	115	29.3%	1	0.3%	100	25.5%	15	3.8%	2	394
Hardy	82	48.5%	51	30.2%	2	1.2%	34	20.1%	0	0.0%	0	169
Harrison	543	64.1%	271	32.0%	12	1.4%	4	0.5%	17	2.0%	1	848
Jackson	249	68.4%	85	23.4%	3	0.8%	21	5.8%	6	1.6%	0	364
Jefferson	160	36.1%	218	49.2%	5	1.1%	57	12.9%	3	0.7%	1	444
Kanawha	1,377	54.7%	899	35.7%	75	3.0%	33	1.3%	133	5.3%	6	2,523
Lewis	161	66.8%	75	31.1%	2	0.8%	3	1.2%	0	0.0%	0	241
Lincoln	209	80.7%	39	15.1%	1	0.4%	7	2.7%	3	1.2%	0	259
Logan	394	69.0%	138	24.2%	6	1.1%	11	1.9%	22	3.9%	1	572
McDowell	212	61.1%	87	25.1%	1	0.3%	32	9.2%	15	4.3%	1	348
Marion	437	61.2%	234	32.8%	14	2.0%	16	2.2%	13	1.8%	0	714
Marshall	212	52.7%	162	40.3%	3	0.7%	14	3.5%	11	2.7%	1	403
Mason	225	61.8%	81	22.3%	1	0.3%	55	15.1%	2	0.5%	2	366
Mercer	497	56.3%	265	30.0%	5	0.6%	85	9.6%	31	3.5%	4	887
Mineral	185	53.9%	140	40.8%	5	1.5%	13	3.8%	0	0.0%	1	344
Mingo	262	79.2%	58	17.5%	0	0.0%	5	1.5%	6	1.8%	2	333
Monongalia	369	52.1%	292	41.2%	21	3.0%	12	1.7%	14	2.0%	1	709
Monroe	100	56.8%	38	21.6%	2	1.1%	35	19.9%	1	0.6%	1	177
Morgan	80	38.8%	81	39.3%	4	1.9%	41	19.9%	0	0.0%	0	206
Nicholas	225	69.9%	85	26.4%	5	1.6%	6	1.9%	1	0.3%	0	322
Ohio	289	50.2%	227	39.4%	8	1.4%	31	5.4%	21	3.6%	1	577
Pendleton	50	53.8%	27	29.0%	0	0.0%	15	16.1%	1	1.1%	0	93
Pleasants	46	51.1%	33	36.7%	1	1.1%	9	10.0%	1	1.1%	0	90
Pocahontas	59	55.1%	34	31.8%	2	1.9%	11	10.3%	1	0.9%	0	107
Preston	237	62.2%	127	33.3%	9	2.4%	6	1.6%	2	0.5%	0	381
Putnam	371	65.4%	146	25.7%	19	3.4%	10	1.8%	21	3.7%	1	568
Raleigh	677	62.5%	324	29.9%	12	1.1%	21	1.9%	50	4.6%	4	1,088
Randolph	233	62.3%	124	33.2%	9	2.4%	4	1.1%	4	1.1%	0	374
Ritchie	83	65.9%	32	25.4%	1	0.8%	10	7.9%	0	0.0%	0	126
Roane	123	64.4%	63	33.0%	2	1.0%	3	1.6%	0	0.0%	0	191
Summers	145	70.4%	46	22.3%	5	2.4%	8	3.9%	2	1.0%	0	206
Taylor	145	67.8%	57	26.6%	5	2.3%	5	2.3%	2	0.9%	0	214
Tucker	59	69.4%	24	28.2%	1	1.2%	1	1.2%	0	0.0%	0	85
Tyler	65	57.0%	43	37.7%	3	2.6%	3	2.6%	0	0.0%	0	114
Upshur	177	69.1%	76	29.7%	1	0.4%	2	0.8%	0	0.0%	0	256
Wayne	393	75.1%	99	18.9%	3	0.6%	21	4.0%	7	1.3%	1	524
Webster	93	69.9%	36	27.1%	3	2.3%	1	0.8%	0	0.0%	0	133
Wetzel	133	63.6%	65	31.1%	6	2.9%	3	1.4%	2	1.0%	1	210
Wirt	39	59.1%	24	36.4%	2	3.0%	1	1.5%	0	0.0%	0	66
Wood	596	55.8%	368	34.5%	25	2.3%	50	4.7%	29	2.7%	0	1,068
Wyoming	249	72.6%	77	22.4%	1	0.3%	7	2.0%	9	2.6%	0	343
Total	13,299	58.9%	7,248	32.1%	381	1.7%	1,089	4.8%	581	2.6%	44	22,642

DHHR, Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2017

*Percentage calculated excluding unknown disposition.

Method of Disposition by County of Occurrence
West Virginia Deaths, 2015
Table 60 (Cont'd)

County	Method of Disposition										Un- known	Total
	Burial		Cremation		Donation		Removal From State		Other			
	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*		
Barbour	89	65.4%	43	31.6%	3	2.2%	0	0.0%	1	0.7%	0	136
Berkeley	423	44.9%	486	51.6%	25	2.7%	2	0.2%	6	0.6%	0	942
Boone	158	76.3%	46	22.2%	1	0.5%	0	0.0%	2	1.0%	1	208
Braxton	82	65.6%	40	32.0%	2	1.6%	0	0.0%	1	0.8%	0	125
Brooke	208	53.6%	158	40.7%	5	1.3%	3	0.8%	14	3.6%	1	389
Cabell	1,472	66.3%	641	28.9%	28	1.3%	10	0.5%	69	3.1%	1	2,221
Calhoun	28	58.3%	20	41.7%	0	0.0%	0	0.0%	0	0.0%	0	48
Clay	46	69.7%	18	27.3%	2	3.0%	0	0.0%	0	0.0%	0	66
Doddridge	27	64.3%	14	33.3%	1	2.4%	0	0.0%	0	0.0%	0	42
Fayette	244	61.8%	123	31.1%	8	2.0%	0	0.0%	20	5.1%	2	397
Gilmer	33	52.4%	25	39.7%	4	6.3%	0	0.0%	1	1.6%	0	63
Grant	115	73.7%	40	25.6%	1	0.6%	0	0.0%	0	0.0%	1	157
Greenbrier	294	63.0%	142	30.4%	13	2.8%	0	0.0%	18	3.9%	0	467
Hampshire	82	47.7%	86	50.0%	4	2.3%	0	0.0%	0	0.0%	0	172
Hancock	110	57.6%	71	37.2%	0	0.0%	0	0.0%	10	5.2%	0	191
Hardy	49	57.6%	34	40.0%	2	2.4%	0	0.0%	0	0.0%	0	85
Harrison	624	64.6%	314	32.5%	13	1.3%	2	0.2%	13	1.3%	2	968
Jackson	166	69.7%	60	25.2%	3	1.3%	0	0.0%	9	3.8%	0	238
Jefferson	177	46.3%	199	52.1%	3	0.8%	1	0.3%	2	0.5%	0	382
Kanawha	1,965	58.9%	1,124	33.7%	89	2.7%	4	0.1%	155	4.6%	7	3,344
Lewis	141	71.6%	52	26.4%	1	0.5%	1	0.5%	2	1.0%	0	197
Lincoln	83	80.6%	17	16.5%	0	0.0%	0	0.0%	3	2.9%	0	103
Logan	340	71.7%	114	24.1%	5	1.1%	0	0.0%	15	3.2%	0	474
McDowell	150	65.5%	67	29.3%	1	0.4%	1	0.4%	10	4.4%	0	229
Marion	355	62.8%	188	33.3%	10	1.8%	0	0.0%	12	2.1%	0	565
Marshall	139	58.4%	88	37.0%	3	1.3%	0	0.0%	8	3.4%	1	239
Mason	164	74.2%	55	24.9%	1	0.5%	0	0.0%	1	0.5%	2	223
Mercer	572	65.2%	262	29.9%	3	0.3%	4	0.5%	36	4.1%	1	878
Mineral	126	61.8%	74	36.3%	3	1.5%	1	0.5%	0	0.0%	0	204
Mingo	153	80.1%	35	18.3%	0	0.0%	0	0.0%	3	1.6%	0	191
Monongalia	919	58.8%	593	37.9%	27	1.7%	2	0.1%	23	1.5%	2	1,566
Monroe	60	69.0%	27	31.0%	0	0.0%	0	0.0%	0	0.0%	0	87
Morgan	56	44.4%	64	50.8%	4	3.2%	2	1.6%	0	0.0%	0	126
Nicholas	160	70.2%	61	26.8%	5	2.2%	0	0.0%	2	0.9%	0	228
Ohio	594	54.7%	440	40.6%	10	0.9%	3	0.3%	38	3.5%	0	1,085
Pendleton	35	64.8%	17	31.5%	1	1.9%	0	0.0%	1	1.9%	0	54
Pleasants	39	60.0%	25	38.5%	0	0.0%	0	0.0%	1	1.5%	0	65
Pocahontas	46	61.3%	26	34.7%	2	2.7%	0	0.0%	1	1.3%	0	75
Preston	169	62.6%	91	33.7%	7	2.6%	1	0.4%	2	0.7%	0	270
Putnam	270	66.7%	105	25.9%	9	2.2%	0	0.0%	21	5.2%	1	406
Raleigh	881	65.3%	380	28.2%	22	1.6%	1	0.1%	65	4.8%	4	1,353
Randolph	231	63.5%	120	33.0%	9	2.5%	0	0.0%	4	1.1%	0	364
Ritchie	35	61.4%	20	35.1%	1	1.8%	1	1.8%	0	0.0%	0	57
Roane	82	63.6%	44	34.1%	3	2.3%	0	0.0%	0	0.0%	0	129
Summers	111	73.0%	34	22.4%	3	2.0%	1	0.7%	3	2.0%	0	152
Taylor	108	66.7%	45	27.8%	7	4.3%	0	0.0%	2	1.2%	0	162
Tucker	40	64.5%	21	33.9%	1	1.6%	0	0.0%	0	0.0%	0	62
Tyler	50	57.5%	33	37.9%	3	3.4%	0	0.0%	1	1.1%	0	87
Upshur	126	68.1%	56	30.3%	2	1.1%	0	0.0%	1	0.5%	0	185
Wayne	204	77.6%	54	20.5%	1	0.4%	1	0.4%	3	1.1%	0	263
Webster	48	68.6%	19	27.1%	3	4.3%	0	0.0%	0	0.0%	0	70
Wetzel	108	65.9%	51	31.1%	4	2.4%	0	0.0%	1	0.6%	0	164
Wirt	15	51.7%	12	41.4%	2	6.9%	0	0.0%	0	0.0%	0	29
Wood	655	61.3%	360	33.7%	24	2.2%	2	0.2%	28	2.6%	0	1,069
Wyoming	87	69.0%	37	29.4%	1	0.8%	0	0.0%	1	0.8%	0	126
Total	13,744	62.0%	7,371	33.3%	385	1.7%	43	0.2%	609	2.7%	26	22,178

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Health Statistics Center, Vital Statistics System, 2017

*Percentage calculated excluding unknown disposition.

Number of Deaths by County of Residence
West Virginia, 2011-2015
Table 61

County	2011	2012	2013	2014	2015	County	2011	2012	2013	2014	2015
Barbour	178	208	197	203	198	Monongalia	649	652	663	656	709
Berkeley	881	888	918	992	984	Monroe	174	165	182	183	177
Boone	333	280	311	352	342	Morgan	194	189	226	205	206
Braxton	166	194	174	186	177	Nicholas	341	355	327	311	322
Brooke	355	315	284	342	342	Ohio	581	611	560	580	577
Cabell	1,167	1,057	1,234	1,280	1,228	Pendleton	104	103	95	87	93
Calhoun	95	103	93	85	95	Pleasants	104	96	72	95	90
Clay	102	111	113	112	109	Pocahontas	91	106	116	106	107
Doddridge	81	83	78	90	86	Preston	336	356	365	351	381
Fayette	608	638	648	672	649	Putnam	510	583	548	578	568
Gilmer	73	83	82	67	84	Raleigh	986	1,071	964	968	1,088
Grant	141	126	131	135	136	Randolph	362	355	389	345	374
Greenbrier	530	467	443	457	496	Ritchie	122	123	100	132	126
Hampshire	254	250	271	238	279	Roane	176	191	199	196	191
Hancock	387	415	382	425	394	Summers	207	171	207	190	207
Hardy	144	129	128	158	169	Taylor	203	179	196	174	214
Harrison	928	830	859	843	848	Tucker	92	88	99	76	85
Jackson	315	343	328	341	364	Tyler	152	116	110	117	114
Jefferson	416	447	395	477	444	Upshur	253	262	247	275	256
Kanawha	2,388	2,398	2,489	2,433	2,523	Wayne	458	464	482	521	524
Lewis	202	235	210	229	241	Webster	131	128	131	114	133
Lincoln	286	243	258	260	259	Wetzel	227	223	221	218	210
Logan	550	513	541	515	572	Wirt	62	50	57	72	66
McDowell	381	396	369	305	348	Wood	1,039	976	1,045	1,097	1,068
Marion	642	653	628	648	714	Wyoming	345	352	310	321	343
Marshall	407	432	414	411	403						
Mason	325	303	337	359	366						
Mercer	946	907	914	900	887	Total	21,870	21,653	21,846	22,164	22,643
Mineral	319	293	338	279	344						
Mingo	371	348	368	402	333						

DHHR, Bureau for Public Health
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Age at Death by County of Residence
West Virginia, 2015
Table 62

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	198	1	0	0	0	0	1	3	4	12	30	43	50	54	72.8
Berkeley	984	7	2	1	2	6	5	27	32	87	149	209	230	227	70.1
Boone	342	4	1	0	0	1	1	4	14	24	48	76	91	78	71.1
Braxton	177	0	0	0	0	0	0	10	2	5	33	38	43	46	72.5
Brooke	342	2	0	0	0	0	0	2	6	17	45	62	87	121	76.2
Cabell	1,228	7	0	0	1	4	10	39	57	94	191	212	281	332	70.8
Calhoun	95	0	0	0	1	0	0	1	2	5	10	21	29	26	74.9
Clay	109	0	0	0	0	1	0	1	3	12	12	24	36	20	71.5
Doddridge	86	0	0	0	0	0	1	1	2	6	8	23	27	18	72.7
Fayette	649	2	2	1	2	2	3	9	15	57	100	126	153	177	71.9
Gilmer	84	0	0	0	0	0	0	0	0	6	23	18	19	18	72.1
Grant	136	1	1	0	0	0	0	2	3	9	15	21	47	37	74.2
Greenbrier	496	2	1	0	1	1	4	4	19	19	68	105	127	145	73.6
Hampshire	279	2	0	0	0	1	5	9	7	18	37	68	62	70	70.9
Hancock	394	1	0	0	0	3	4	10	11	18	51	67	103	126	73.7
Hardy	169	1	0	0	1	1	1	3	1	13	20	30	47	51	73.5
Harrison	848	4	1	2	2	1	4	16	17	47	116	189	196	253	73.5
Jackson	364	6	0	1	0	2	1	5	15	21	44	60	112	97	72.6
Jefferson	444	3	0	0	1	0	2	12	8	34	84	89	101	110	71.0
Kanawha	2,523	4	3	0	1	10	25	59	84	180	383	465	579	730	72.3
Lewis	241	2	0	0	0	0	2	4	6	19	33	46	62	67	72.8
Lincoln	259	1	0	0	1	1	0	6	10	22	37	68	69	44	69.9
Logan	572	4	2	1	0	0	6	9	30	55	112	123	113	117	68.4
McDowell	348	3	0	1	0	1	2	10	16	39	71	84	69	52	66.3
Marion	714	5	0	0	0	4	3	10	15	37	77	151	166	246	75.0
Marshall	403	1	0	0	0	0	5	3	5	19	58	84	91	137	75.1
Mason	366	2	0	1	0	2	4	4	8	27	46	84	104	84	72.0
Mercer	887	4	1	0	2	2	4	9	45	71	146	164	201	238	71.5
Mineral	344	1	0	0	0	0	0	4	8	23	51	70	80	107	74.3
Mingo	333	1	0	0	4	0	2	5	15	42	61	63	82	58	68.2
Monongalia	709	8	0	0	1	2	6	13	16	66	80	139	168	210	72.5
Monroe	177	2	0	0	0	0	0	1	7	10	23	34	53	47	73.5
Morgan	206	1	0	0	0	0	1	4	3	12	32	34	47	72	74.4
Nicholas	322	5	0	0	0	0	2	9	14	28	55	62	71	76	69.6
Ohio	577	5	0	0	0	2	2	6	9	22	64	96	151	220	76.6
Pendleton	93	0	0	0	0	0	1	0	4	2	9	12	35	30	77.5
Pleasants	90	1	0	0	0	0	3	3	0	5	11	21	21	25	71.1
Pocahontas	107	3	0	0	0	0	0	0	4	8	15	18	27	32	72.4
Preston	381	5	0	0	0	0	3	2	7	15	54	90	106	99	73.7
Putnam	568	4	0	0	0	2	2	12	12	36	69	115	156	160	73.4
Raleigh	1,088	11	1	2	1	6	7	18	56	78	161	230	234	283	70.5
Randolph	374	4	1	0	2	0	2	5	7	18	53	71	95	116	73.9
Ritchie	126	0	0	0	0	2	0	2	2	2	18	32	34	34	74.2
Roane	191	0	0	0	0	1	2	3	5	12	32	35	48	53	72.6
Summers	207	0	0	0	0	0	1	9	7	16	28	34	51	61	72.4
Taylor	214	2	1	0	1	0	2	1	4	13	26	44	58	62	73.3
Tucker	85	1	0	0	0	0	0	0	1	4	6	21	26	26	76.6
Tyler	114	1	0	0	0	0	1	0	1	6	16	23	43	23	73.7
Upshur	256	3	1	0	0	1	1	2	9	12	37	59	55	76	73.0
Wayne	524	2	0	0	1	2	3	10	19	39	77	107	141	123	71.6
Webster	133	1	0	0	0	0	0	2	7	5	18	28	42	30	72.3
Wetzel	210	2	0	0	0	0	2	4	5	9	29	45	54	60	73.1
Wirt	66	0	0	0	0	1	1	1	0	4	10	21	14	14	71.3
Wood	1,068	6	1	0	0	1	5	18	30	64	145	219	284	295	73.3
Wyoming	343	1	0	0	0	0	1	7	19	38	52	87	78	60	68.8
Total	22,643	139	19	10	25	63	143	413	708	1,562	3,279	4,560	5,549	6,173	72.2

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Place Death Occurred by County of Residence
West Virginia, 2015
Table 63

County	Place Death Occurred											Total
	WV Hospital	Out-of- State Hospital	En Route to	Clinic or Center	Licensed Nursing Home	Unlicensed Personal Care	Home	Hospice Care	Named Place or Street	Doctor's Office	Unknown	
Barbour	71	3	8	0	21	16	70	4	5	0	0	198
Berkeley	274	130	8	0	136	20	319	61	36	0	0	984
Boone	125	5	0	0	27	6	121	38	20	0	0	342
Braxton	61	6	1	0	29	1	64	4	11	0	0	177
Brooke	99	67	2	0	51	16	80	18	9	0	0	342
Cabell	389	28	7	0	137	68	312	243	44	0	0	1,228
Calhoun	33	1	1	14	18	0	25	0	3	0	0	95
Clay	38	2	0	0	11	1	41	12	4	0	0	109
Doddridge	30	3	0	0	7	1	41	1	3	0	0	86
Fayette	246	19	7	0	85	4	133	121	33	0	1	649
Gilmer	25	5	0	2	15	1	31	2	3	0	0	84
Grant	36	19	0	0	25	0	47	1	8	0	0	136
Greenbrier	154	43	5	1	85	3	118	70	17	0	0	496
Hampshire	39	69	8	0	48	0	81	14	20	0	0	279
Hancock	93	77	6	0	50	22	108	25	13	0	0	394
Hardy	21	37	4	0	37	2	53	0	15	0	0	169
Harrison	307	16	7	0	149	14	325	3	27	0	0	848
Jackson	127	15	2	0	70	0	99	34	17	0	0	364
Jefferson	99	81	9	0	68	9	123	43	12	0	0	444
Kanawha	756	44	1	0	296	48	672	605	101	0	0	2,523
Lewis	96	4	3	0	44	7	77	1	9	0	0	241
Lincoln	93	8	1	0	30	2	81	34	10	0	0	259
Logan	288	19	3	0	45	6	144	17	50	0	0	572
McDowell	123	40	15	0	28	4	107	9	22	0	0	348
Marion	263	20	2	1	127	27	248	3	23	0	0	714
Marshall	151	17	2	0	76	1	96	49	11	0	0	403
Mason	104	42	5	0	61	2	117	17	18	0	0	366
Mercer	320	85	13	0	109	31	265	28	36	0	0	887
Mineral	51	108	12	0	63	2	94	0	14	0	0	344
Mingo	93	64	12	0	23	0	109	5	27	0	0	333
Monongalia	268	21	5	0	117	20	254	1	23	0	0	709
Monroe	20	41	3	0	28	4	50	21	10	0	0	177
Morgan	34	52	4	0	36	1	66	10	3	0	0	206
Nicholas	136	9	5	0	39	0	96	25	12	0	0	322
Ohio	203	25	5	0	123	1	129	82	9	0	0	577
Pendleton	12	20	0	0	24	0	31	1	5	0	0	93
Pleasants	24	11	0	0	20	1	29	0	5	0	0	90
Pocahontas	27	11	1	0	22	0	37	4	5	0	0	107
Preston	125	11	3	0	57	8	149	1	27	0	0	381
Putnam	187	17	0	0	68	36	132	108	20	0	0	568
Raleigh	348	32	28	0	96	13	267	251	53	0	0	1,088
Randolph	92	6	8	0	80	9	125	33	21	0	0	374
Ritchie	48	10	0	0	26	0	38	0	4	0	0	126
Roane	74	2	1	0	34	1	53	18	8	0	0	191
Summers	59	10	1	0	35	5	60	24	12	0	1	207
Taylor	95	7	1	0	23	4	73	2	9	0	0	214
Tucker	23	3	4	0	19	3	30	2	1	0	0	85
Tyler	45	4	0	0	8	3	49	2	3	0	0	114
Upshur	87	5	2	0	41	10	95	6	10	0	0	256
Wayne	156	47	6	0	43	4	159	82	26	0	1	524
Webster	63	1	1	0	16	0	29	8	15	0	0	133
Wetzel	72	7	1	0	32	1	77	6	14	0	0	210
Wirt	23	5	0	0	9	0	27	0	2	0	0	66
Wood	371	106	10	0	228	6	317	2	28	0	0	1,068
Wyoming	142	10	6	0	22	0	92	45	26	0	0	343
Total	7,339	1,550	239	18	3,217	444	6,665	2,196	972	0	3	22,643

DHHR, Bureau for Public Health

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

Health Statistics Center, Vital Statistics System, 2017

Firearm Injury Deaths by Type of Injury and County
West Virginia Residents, 2015

Table 64

County	Unintentional	Intentional			Undetermined	Total
		Suicide	Assault	Legal Intervention		
Barbour	0	1	0	0	0	1
Berkeley	0	9	3	0	2	14
Boone	0	5	0	0	0	5
Braxton	0	3	2	0	0	5
Brooke	0	2	0	1	0	3
Cabell	0	13	3	0	0	16
Calhoun	0	2	0	0	0	2
Clay	0	0	2	0	0	2
Doddridge	0	1	0	0	0	1
Fayette	0	5	1	1	0	7
Gilmer	0	0	1	0	0	1
Grant	0	0	0	0	0	0
Greenbrier	0	3	1	0	1	5
Hampshire	0	2	1	0	0	3
Hancock	0	2	0	0	0	2
Hardy	0	2	1	0	0	3
Harrison	0	12	0	0	0	12
Jackson	0	1	1	0	0	2
Jefferson	0	5	0	0	1	6
Kanawha	0	25	10	1	0	36
Lewis	0	2	1	0	0	3
Lincoln	0	0	0	0	0	0
Logan	0	3	0	0	0	3
McDowell	0	5	0	0	0	5
Marion	0	6	2	0	0	8
Marshall	0	3	1	0	0	4
Mason	0	4	0	0	0	4
Mercer	0	13	1	1	0	15
Mineral	0	3	1	1	0	5
Mingo	0	4	0	0	0	4
Monongalia	0	7	2	2	0	11
Monroe	0	1	0	0	0	1
Morgan	0	6	0	0	0	6
Nicholas	0	5	0	0	0	5
Ohio	0	4	1	0	0	5
Pendleton	0	2	0	0	0	2
Pleasants	0	1	0	0	0	1
Pocahontas	0	0	3	0	1	4
Preston	0	5	1	0	0	6
Putnam	0	2	1	0	0	3
Raleigh	0	13	0	0	0	13
Randolph	0	4	1	0	0	5
Ritchie	0	4	0	0	0	4
Roane	0	1	0	0	0	1
Summers	0	0	3	1	0	4
Taylor	0	1	0	0	0	1
Tucker	0	2	0	0	0	2
Tyler	0	1	0	0	0	1
Upshur	0	1	0	0	0	1
Wayne	0	2	1	0	0	3
Webster	0	4	0	0	0	4
Wetzel	0	1	1	0	0	2
Wirt	0	2	0	0	0	2
Wood	0	6	3	0	0	9
Wyoming	0	3	1	0	0	4
Total	0	214	50	8	5	277

DHHR, Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2017

Number and Rate of Resident Infant Deaths by County
West Virginia, 2011-2015
Table 65

County	2011		2012		2013		2014		2015	
	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*
Barbour	2	10.9	0	0.0	1	6.0	0	0.0	1	6.1
Berkeley	9	6.6	11	7.8	9	6.5	14	10.3	7	5.1
Boone	2	6.5	0	0.0	0	0.0	1	4.2	4	17.2
Braxton	2	13.0	0	0.0	1	6.5	1	6.4	0	0.0
Brooke	0	0.0	2	10.8	2	11.1	0	0.0	2	9.8
Cabell	6	4.9	15	12.1	11	9.5	6	5.4	7	6.4
Calhoun	1	11.1	2	29.0	2	24.4	0	0.0	0	0.0
Clay	2	17.4	1	8.5	2	19.4	1	10.6	0	0.0
Doddridge	0	0.0	0	0.0	0	0.0	2	30.3	0	0.0
Fayette	1	1.7	1	1.9	4	6.9	2	3.9	2	4.0
Gilmer	1	15.2	1	15.9	1	13.7	1	15.4	0	0.0
Grant	0	0.0	0	0.0	3	24.6	0	0.0	1	7.5
Greenbrier	3	8.8	1	2.4	4	10.9	2	6.0	2	5.3
Hampshire	2	9.0	1	4.5	3	12.9	2	8.5	2	8.2
Hancock	2	6.5	3	10.0	2	7.8	3	10.3	1	3.7
Hardy	2	14.6	2	13.6	1	7.2	0	0.0	1	6.7
Harrison	3	3.7	5	6.3	5	6.1	8	10.1	4	5.0
Jackson	4	12.9	3	9.2	0	0.0	1	3.1	6	17.8
Jefferson	2	3.2	1	1.7	3	4.8	2	3.4	3	5.3
Kanawha	15	7.0	19	8.6	13	5.8	11	5.1	4	1.9
Lewis	1	4.9	6	31.3	3	14.2	3	15.0	2	9.6
Lincoln	2	7.3	1	3.7	0	0.0	2	7.4	1	4.2
Logan	4	8.8	3	6.9	3	6.9	1	2.6	4	11.3
McDowell	2	7.9	3	10.5	4	14.7	2	8.9	3	14.2
Marion	5	7.4	3	4.8	6	8.6	4	6.3	5	8.0
Marshall	5	17.5	0	0.0	1	3.1	1	3.0	1	3.2
Mason	2	7.3	1	3.5	1	3.6	1	3.6	2	7.1
Mercer	4	5.2	6	7.6	5	6.8	5	7.1	4	5.4
Mineral	5	17.2	0	0.0	3	9.9	4	13.6	1	3.7
Mingo	2	5.8	1	2.8	6	19.0	5	14.4	1	3.1
Monongalia	3	2.9	10	9.8	9	8.3	9	7.5	8	7.3
Monroe	2	14.2	0	0.0	0	0.0	0	0.0	2	15.4
Morgan	2	12.7	0	0.0	0	0.0	2	13.0	1	7.9
Nicholas	3	10.0	5	16.1	3	10.5	1	3.8	5	18.2
Ohio	5	11.0	4	7.8	3	6.5	0	0.0	5	10.6
Pendleton	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Pleasants	0	0.0	1	13.3	2	23.8	0	0.0	1	11.6
Pocahontas	0	0.0	1	12.0	2	20.6	1	13.5	3	36.1
Preston	4	10.6	6	18.0	2	5.5	1	2.8	5	15.5
Putnam	4	6.6	4	6.9	7	11.1	3	4.7	4	6.7
Raleigh	4	4.1	3	3.0	7	7.6	10	11.3	11	13.3
Randolph	2	6.6	3	9.0	2	6.5	4	12.0	4	14.0
Ritchie	0	0.0	1	11.0	2	20.8	3	29.1	0	0.0
Roane	1	6.5	1	5.8	1	6.7	0	0.0	0	0.0
Summers	1	7.6	0	0.0	1	10.3	3	30.6	0	0.0
Taylor	0	0.0	2	10.6	2	11.6	2	12.5	2	10.4
Tucker	0	0.0	0	0.0	0	0.0	2	29.4	1	15.9
Tyler	0	0.0	2	20.6	0	0.0	0	0.0	1	11.9
Upshur	2	7.3	3	10.3	1	3.6	2	7.2	3	12.1
Wayne	4	10.4	4	9.3	0	0.0	2	4.5	2	4.8
Webster	0	0.0	0	0.0	0	0.0	0	0.0	1	12.8
Wetzel	1	5.9	1	6.1	3	17.2	0	0.0	2	11.2
Wirt	1	19.2	0	0.0	1	16.1	1	17.2	0	0.0
Wood	9	9.1	6	6.7	9	8.7	10	9.8	6	6.1
Wyoming	2	8.0	3	12.8	1	4.6	3	12.8	1	4.7
Total	141	6.8	152	7.3	157	7.5	144	7.1	139	7.0

DHHR, Bureau for Public Health

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

Health Statistics Center, Vital Statistics System, 2017

Number and Ratio of Resident Fetal Deaths by County
West Virginia, 2011-2015
Table 66

County	2011**		2012**		2013**		2014**		2015	
	Number	Ratio*	Number	Ratio*	Number	Ratio*	Number	Ratio*	Number	Ratio*
Barbour	1	5.5	0	0.0	1	6.0	2	11.6	0	0.0
Berkeley	3	2.2	5	3.6	4	2.9	4	2.9	10	7.2
Boone	0	0.0	0	0.0	2	7.2	0	0.0	0	0.0
Braxton	1	6.5	0	0.0	0	0.0	0	0.0	1	5.7
Brooke	1	5.5	0	0.0	0	0.0	0	0.0	0	0.0
Cabell	2	1.6	2	1.6	5	4.3	3	2.7	3	2.8
Calhoun	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Clay	0	0.0	0	0.0	0	0.0	0	0.0	1	8.8
Doddridge	0	0.0	0	0.0	0	0.0	1	15.2	0	0.0
Fayette	3	5.1	4	7.5	7	12.1	4	7.9	2	4.0
Gilmer	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Grant	0	0.0	0	0.0	1	8.2	0	0.0	0	0.0
Greenbrier	2	5.9	0	0.0	2	5.4	2	6.0	0	0.0
Hampshire	0	0.0	0	0.0	0	0.0	0	0.0	1	4.1
Hancock	1	3.2	0	0.0	0	0.0	2	6.9	0	0.0
Hardy	0	0.0	0	0.0	0	0.0	2	13.5	3	20.1
Harrison	1	1.2	3	3.8	5	6.1	4	5.0	4	5.0
Jackson	1	3.2	1	3.1	1	3.0	2	6.2	2	5.9
Jefferson	1	1.6	4	6.9	1	1.6	0	0.0	3	5.3
Kanawha	5	2.3	9	4.1	9	4.0	5	2.3	10	4.9
Lewis	1	4.9	1	5.2	0	0.0	0	0.0	3	14.4
Lincoln	3	10.9	1	3.7	0	0.0	1	3.7	0	0.0
Logan	4	8.8	4	9.2	1	2.3	2	5.3	1	2.8
McDowell	3	11.8	2	7.0	3	11.0	2	8.9	0	0.0
Marion	0	0.0	6	9.5	5	7.2	3	4.8	1	1.6
Marshall	0	0.0	1	2.8	0	0.0	3	8.9	2	6.3
Mason	0	0.0	2	7.0	1	3.6	2	7.1	0	0.0
Mercer	3	3.9	2	2.5	4	5.4	2	2.8	5	6.8
Mineral	0	0.0	1	3.3	1	3.3	0	0.0	1	3.7
Mingo	0	0.0	1	2.8	1	3.2	2	5.8	3	9.4
Monongalia	5	4.8	4	3.9	4	3.7	5	4.2	2	1.8
Monroe	1	7.1	0	0.0	1	8.3	2	15.9	0	0.0
Morgan	0	0.0	0	0.0	0	0.0	1	6.5	1	7.9
Nicholas	2	6.6	0	0.0	1	3.5	0	0.0	4	14.6
Ohio	3	6.6	1	2.0	0	0.0	0	0.0	2	4.3
Pendleton	0	0.0	0	0.0	0	0.0	0	0.0	1	16.1
Pleasants	2	39.2	1	13.3	1	11.9	0	0.0	0	0.0
Pocahontas	2	22.7	0	0.0	1	10.3	3	40.5	1	12.0
Preston	4	10.6	2	6.0	1	2.8	1	2.8	1	3.1
Putnam	2	3.3	1	1.7	1	1.6	1	1.6	2	3.3
Raleigh	8	8.2	7	7.0	4	4.4	7	7.9	4	4.9
Randolph	2	6.6	0	0.0	3	9.7	2	6.0	0	0.0
Ritchie	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Roane	0	0.0	0	0.0	2	13.4	0	0.0	0	0.0
Summers	0	0.0	0	0.0	1	10.3	4	40.8	1	8.3
Taylor	1	5.6	3	15.9	0	0.0	0	0.0	0	0.0
Tucker	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tyler	0	0.0	0	0.0	2	21.3	0	0.0	0	0.0
Upshur	3	10.9	2	6.9	1	3.6	5	18.1	1	4.0
Wayne	0	0.0	0	0.0	0	0.0	0	0.0	2	4.8
Webster	0	0.0	0	0.0	1	10.2	2	21.3	0	0.0
Wetzel	0	0.0	2	12.1	1	5.7	0	0.0	0	0.0
Wirt	0	0.0	0	0.0	1	16.1	0	0.0	0	0.0
Wood	11	11.1	4	4.5	3	2.9	3	2.9	5	5.1
Wyoming	0	0.0	5	21.3	1	4.6	3	12.8	3	14.2
Total	82	4.0	81	3.9	84	4.0	87	4.3	86	4.3

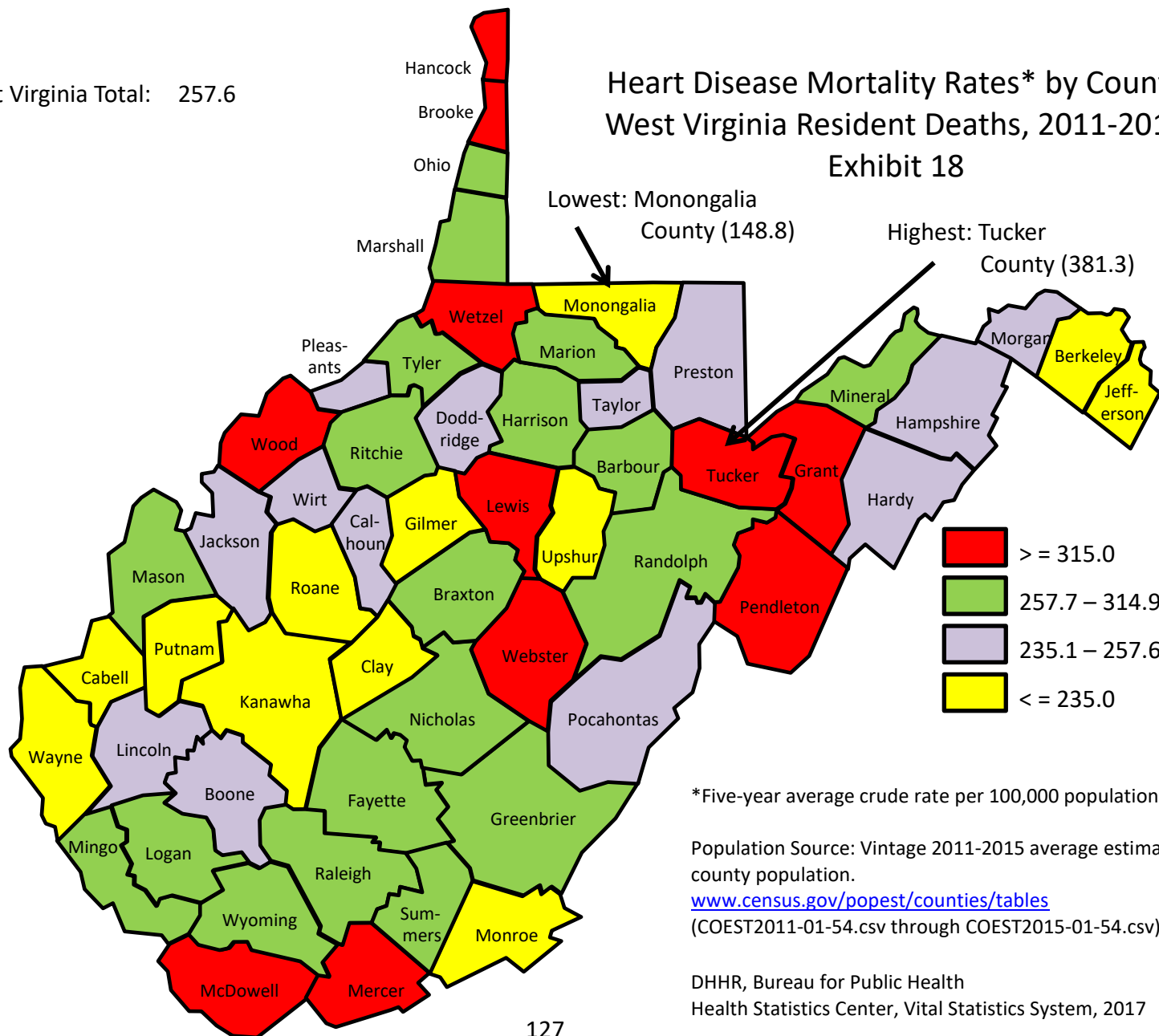
DHHR, Bureau for Public Health

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

Health Statistics Center, Vital Statistics System, 2017 **Lower numbers than previously reported. See summary pages 80-81 for more details.

West Virginia Total: 257.6

Heart Disease Mortality Rates* by County West Virginia Resident Deaths, 2011-2015 Exhibit 18

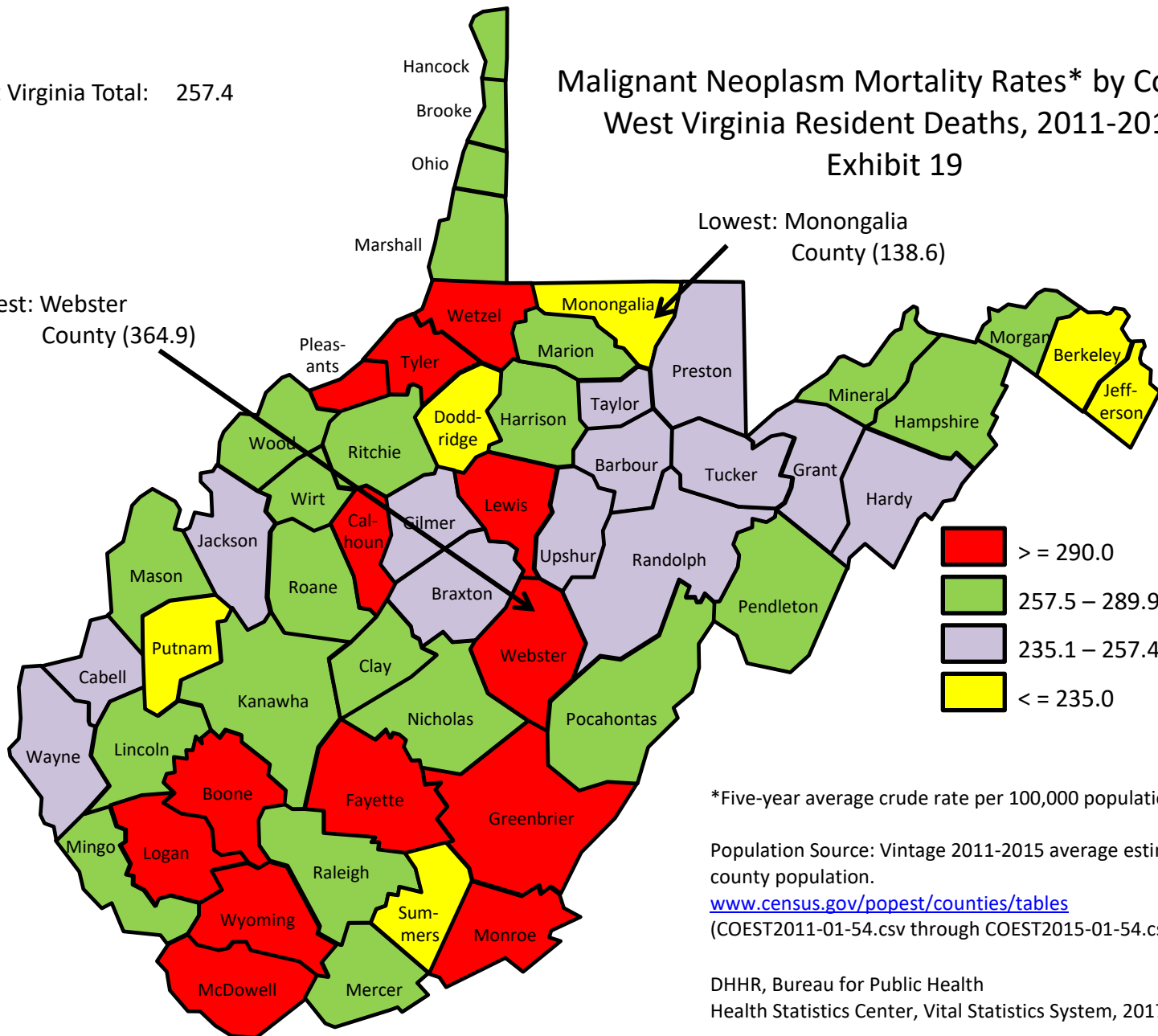


West Virginia Total: 257.4

Malignant Neoplasm Mortality Rates* by County West Virginia Resident Deaths, 2011-2015 Exhibit 19

Highest: Webster
County (364.9)

Lowest: Monongalia
County (138.6)



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

Population Source: Vintage 2011-2015 average estimated county population.

www.census.gov/popest/counties/tables
(COEST2011-01-54.csv through COEST2015-01-54.csv)

DHHR, Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2017

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2015
Table 67

Selected Causes of Death	Number and Rate by County							
	Barbour		Berkeley		Boone		Braxton	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	10	7.2	0	0.0	1	5.7
Total Deaths, All Causes	198	11.9	984	8.8	342	14.6	177	12.3
--Deaths Under One Year	1	6.1	7	5.1	4	17.2	0	0.0
--Deaths Under 28 Days	1	6.1	5	3.6	3	12.9	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	3	18.0	18	16.1	5	21.4	1	6.9
Human Immunodeficiency Virus Infection	0	0.0	2	1.8	0	0.0	0	0.0
Malignant Neoplasms	43	257.4	226	202.0	86	368.0	31	215.1
--of Digestive Organs	12	71.8	63	56.3	22	94.1	6	41.6
----Colon	6	35.9	20	17.9	7	30.0	4	27.7
----Pancreas	2	12.0	15	13.4	6	25.7	1	6.9
--of Respiratory and Intrathoracic Organs	13	77.8	71	63.4	30	128.4	11	76.3
----Trachea, Bronchus and Lung	13	77.8	69	61.7	29	124.1	11	76.3
--of Breast	2	12.0	14	12.5	2	8.6	2	13.9
--of Genitourinary Organs	5	29.9	23	20.6	10	42.8	2	13.9
----Cervix Uteri	0	0.0	1	0.9	2	8.6	0	0.0
----Ovary	0	0.0	3	2.7	1	4.3	2	13.9
----Prostate	3	18.0	8	7.1	2	8.6	0	0.0
----Bladder	0	0.0	7	6.3	1	4.3	0	0.0
--All Other (Malignant Neoplasms)	11	65.9	55	49.2	22	94.1	10	69.4
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	2	12.0	4	3.6	3	12.8	0	0.0
Diabetes Mellitus	11	65.9	39	34.9	11	47.1	6	41.6
Dementia	6	35.9	36	32.2	16	68.5	5	34.7
Alzheimer's Disease	9	53.9	20	17.9	14	59.9	9	62.4
Major Cardiovascular Disease	65	389.1	265	236.8	84	359.4	45	312.2
--Diseases of the Heart	52	311.3	205	183.2	69	295.2	33	228.9
----Ischemic Heart Disease	39	233.5	139	124.2	40	171.1	22	152.6
--Essential Hypertension and Hypertensive Renal Disease	2	12.0	10	8.9	3	12.8	3	20.8
--Cerebrovascular Diseases (Stroke)	9	53.9	44	39.3	8	34.2	7	48.6
--Arteriosclerosis	2	12.0	0	0.0	2	8.6	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	0	0.0	6	5.4	2	8.6	2	13.9
Influenza and Pneumonia	2	12.0	24	21.4	9	38.5	5	34.7
--Influenza	1	6.0	4	3.6	0	0.0	0	0.0
--Pneumonia	1	6.0	20	17.9	9	38.5	5	34.7
Chronic Lower Respiratory Diseases	14	83.8	62	55.4	24	102.7	19	131.8
--Bronchitis, Emphysema and Asthma	0	0.0	6	5.4	3	12.8	5	34.7
Lung Diseases due to External Agents	0	0.0	5	4.5	3	12.8	4	27.7
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	2	8.6	0	0.0
Chronic Liver Disease and Cirrhosis	2	12.0	20	17.9	1	4.3	1	6.9
Nephritis, Nephrotic Syndrome and Nephrosis	1	6.0	21	18.8	11	47.1	5	34.7
Congenital Malformations	1	6.0	4	3.6	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	3	18.0	18	16.1	6	25.7	4	27.7
Accidents, All Forms	9	53.9	81	72.4	21	89.9	13	90.2
--Motor Vehicle	3	18.0	8	7.1	0	0.0	3	20.8
--Falls	1	6.0	18	16.1	3	12.8	5	34.7
--Drownings	0	0.0	0	0.0	0	0.0	1	6.9
--Smoke, Fires and Flames	0	0.0	2	1.8	1	4.3	0	0.0
--Poisonings	3	18.0	42	37.5	16	68.5	2	13.9
--Other Accidents	2	12.0	11	9.8	1	4.3	2	13.9
Intentional Self-Harm (Suicide)	3	18.0	18	16.1	6	25.7	5	34.7
Assault (Homicide)	0	0.0	4	3.6	0	0.0	2	13.9
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	6	5.4	3	12.8	1	6.9
All Other Causes (Residual)	24	143.7	111	99.2	39	166.9	21	145.7

DHHR, Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2017

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

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2015
Table 67 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Brooke		Cabell		Calhoun		Clay	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	3	2.8	0	0.0	1	8.8
Total Deaths, All Causes	342	14.6	1,228	12.7	95	12.7	109	12.2
--Deaths Under One Year	2	9.8	7	6.4	0	0.0	0	0.0
--Deaths Under 28 Days	2	9.8	7	6.4	0	0.0	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	9	38.5	11	11.4	2	26.8	0	0.0
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	59	252.7	236	243.7	19	254.4	27	303.0
--of Digestive Organs	14	60.0	51	52.7	3	40.2	3	33.7
----Colon	7	30.0	23	23.7	1	13.4	1	11.2
----Pancreas	1	4.3	13	13.4	0	0.0	1	11.2
--of Respiratory and Intrathoracic Organs	22	94.2	84	86.7	2	26.8	12	134.7
----Trachea, Bronchus and Lung	22	94.2	78	80.5	2	26.8	10	112.2
--of Breast	2	8.6	21	21.7	1	13.4	3	33.7
--of Genitourinary Organs	7	30.0	34	35.1	4	53.5	4	44.9
----Cervix Uteri	0	0.0	1	1.0	0	0.0	0	0.0
----Ovary	0	0.0	4	4.1	1	13.4	0	0.0
----Prostate	3	12.8	11	11.4	2	26.8	0	0.0
----Bladder	0	0.0	7	7.2	0	0.0	1	11.2
--All Other (Malignant Neoplasms)	14	60.0	46	47.5	9	120.5	5	56.1
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	2	8.6	3	3.1	1	13.4	1	11.2
Diabetes Mellitus	5	21.4	28	28.9	3	40.2	3	33.7
Dementia	14	60.0	74	76.4	1	13.4	3	33.7
Alzheimer's Disease	11	47.1	40	41.3	4	53.5	3	33.7
Major Cardiovascular Disease	120	513.9	307	317.0	28	374.8	30	336.7
--Diseases of the Heart	102	436.8	197	203.4	20	267.7	22	246.9
----Ischemic Heart Disease	65	278.4	113	116.7	17	227.6	13	145.9
--Essential Hypertension and Hypertensive Renal Disease	2	8.6	28	28.9	0	0.0	1	11.2
--Cerebrovascular Diseases (Stroke)	14	60.0	71	73.3	8	107.1	5	56.1
--Arteriosclerosis	1	4.3	1	1.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	1	4.3	10	10.3	0	0.0	2	22.4
Influenza and Pneumonia	20	85.7	20	20.7	2	26.8	2	22.4
--Influenza	1	4.3	3	3.1	0	0.0	1	11.2
--Pneumonia	19	81.4	17	17.6	2	26.8	1	11.2
Chronic Lower Respiratory Diseases	25	107.1	80	82.6	9	120.5	11	123.5
--Bronchitis, Emphysema and Asthma	1	4.3	7	7.2	1	13.4	1	11.2
Lung Diseases due to External Agents	4	17.1	10	10.3	1	13.4	0	0.0
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	6	25.7	21	21.7	1	13.4	2	22.4
Nephritis, Nephrotic Syndrome and Nephrosis	6	25.7	33	34.1	1	13.4	1	11.2
Congenital Malformations	1	4.3	5	5.2	1	13.4	2	22.4
Ill-Defined and Unknown Causes of Death	9	38.5	37	38.2	2	26.8	2	22.4
Accidents, All Forms	16	68.5	121	124.9	6	80.3	8	89.8
--Motor Vehicle	1	4.3	13	13.4	3	40.2	2	22.4
--Falls	2	8.6	22	22.7	1	13.4	0	0.0
--Drownings	0	0.0	1	1.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	2	2.1	0	0.0	1	11.2
--Poisonings	11	47.1	76	78.5	1	13.4	3	33.7
--Other Accidents	2	8.6	7	7.2	1	13.4	2	22.4
Intentional Self-Harm (Suicide)	3	12.8	21	21.7	3	40.2	1	11.2
Assault (Homicide)	0	0.0	3	3.1	0	0.0	2	22.4
Injury Undetermined Whether Accidental or Purposely Inflicted	1	4.3	5	5.2	0	0.0	0	0.0
All Other Causes (Residual)	31	132.8	173	178.6	11	147.3	11	123.5

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2015
Table 67 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Doddridge		Fayette		Gilmer		Grant	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	2	4.0	0	0.0	0	0.0
Total Deaths, All Causes	86	10.5	649	14.4	84	9.9	136	11.6
--Deaths Under One Year	0	0.0	2	4.0	0	0.0	1	7.5
--Deaths Under 28 Days	0	0.0	0	0.0	0	0.0	1	7.5
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	2	24.5	11	24.4	1	11.7	3	25.5
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	1	11.7	0	0.0
Malignant Neoplasms	17	207.9	153	340.0	27	317.0	33	280.5
--of Digestive Organs	4	48.9	34	75.6	9	105.7	7	59.5
----Colon	0	0.0	13	28.9	4	47.0	2	17.0
----Pancreas	1	12.2	9	20.0	2	23.5	1	8.5
--of Respiratory and Intrathoracic Organs	7	85.6	57	126.7	8	93.9	10	85.0
----Trachea, Bronchus and Lung	7	85.6	56	124.5	8	93.9	10	85.0
--of Breast	0	0.0	7	15.6	4	47.0	2	17.0
--of Genitourinary Organs	3	36.7	16	35.6	1	11.7	6	51.0
----Cervix Uteri	0	0.0	0	0.0	0	0.0	0	0.0
----Ovary	2	24.5	2	4.4	1	11.7	0	0.0
----Prostate	0	0.0	5	11.1	0	0.0	1	8.5
----Bladder	1	12.2	5	11.1	0	0.0	3	25.5
--All Other (Malignant Neoplasms)	3	36.7	39	86.7	5	58.7	8	68.0
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	6	13.3	0	0.0	1	8.5
Diabetes Mellitus	3	36.7	18	40.0	7	82.2	4	34.0
Dementia	1	12.2	42	93.3	2	23.5	0	0.0
Alzheimer's Disease	3	36.7	9	20.0	3	35.2	5	42.5
Major Cardiovascular Disease	30	366.9	182	404.5	19	223.1	47	399.5
--Diseases of the Heart	27	330.2	127	282.2	15	176.1	32	272.0
----Ischemic Heart Disease	18	220.2	75	166.7	13	152.6	19	161.5
--Essential Hypertension and Hypertensive Renal Disease	1	12.2	12	26.7	2	23.5	1	8.5
--Cerebrovascular Diseases (Stroke)	2	24.5	34	75.6	1	11.7	6	51.0
--Arteriosclerosis	0	0.0	1	2.2	0	0.0	7	59.5
--Other Diseases of Arteries, Arterioles and Capillaries	0	0.0	8	17.8	1	11.7	1	8.5
Influenza and Pneumonia	2	24.5	11	24.4	2	23.5	2	17.0
--Influenza	0	0.0	1	2.2	0	0.0	0	0.0
--Pneumonia	2	24.5	10	22.2	2	23.5	2	17.0
Chronic Lower Respiratory Diseases	5	61.2	28	62.2	8	93.9	10	85.0
--Bronchitis, Emphysema and Asthma	0	0.0	1	2.2	0	0.0	3	25.5
Lung Diseases due to External Agents	0	0.0	6	13.3	0	0.0	0	0.0
--Coal Worker's Pneumoconiosis	0	0.0	3	6.7	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	2	24.5	17	37.8	1	11.7	2	17.0
Nephritis, Nephrotic Syndrome and Nephrosis	2	24.5	13	28.9	0	0.0	2	17.0
Congenital Malformations	0	0.0	1	2.2	0	0.0	2	17.0
Ill-Defined and Unknown Causes of Death	0	0.0	10	22.2	0	0.0	2	17.0
Accidents, All Forms	4	48.9	34	75.6	3	35.2	7	59.5
--Motor Vehicle	0	0.0	10	22.2	0	0.0	2	17.0
--Falls	1	12.2	8	17.8	3	35.2	2	17.0
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	0	0.0
--Poisonings	2	24.5	10	22.2	0	0.0	2	17.0
--Other Accidents	1	12.2	6	13.3	0	0.0	1	8.5
Intentional Self-Harm (Suicide)	1	12.2	10	22.2	0	0.0	0	0.0
Assault (Homicide)	0	0.0	4	8.9	1	11.7	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	4	8.9	0	0.0	0	0.0
All Other Causes (Residual)	14	171.2	90	200.0	9	105.7	16	136.0

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2015
Table 67 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Greenbrier		Hampshire		Hancock		Hardy	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	1	4.1	0	0.0	3	20.1
Total Deaths, All Causes	496	14.0	279	11.9	394	13.2	169	12.2
--Deaths Under One Year	2	5.3	2	8.2	1	3.7	1	6.7
--Deaths Under 28 Days	2	5.3	2	8.2	1	3.7	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	9	25.3	4	17.1	10	33.5	3	21.7
Human Immunodeficiency Virus Infection	1	2.8	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	116	326.6	73	312.6	75	251.6	35	252.7
--of Digestive Organs	35	98.5	18	77.1	16	53.7	9	65.0
----Colon	17	47.9	4	17.1	7	23.5	2	14.4
----Pancreas	7	19.7	5	21.4	4	13.4	4	28.9
--of Respiratory and Intrathoracic Organs	38	107.0	28	119.9	30	100.6	12	86.6
----Trachea, Bronchus and Lung	37	104.2	27	115.6	29	97.3	11	79.4
--of Breast	3	8.4	1	4.3	8	26.8	0	0.0
--of Genitourinary Organs	16	45.1	7	30.0	8	26.8	5	36.1
----Cervix Uteri	0	0.0	0	0.0	1	3.4	0	0.0
----Ovary	3	8.4	0	0.0	0	0.0	0	0.0
----Prostate	6	16.9	1	4.3	2	6.7	3	21.7
----Bladder	2	5.6	1	4.3	3	10.1	1	7.2
--All Other (Malignant Neoplasms)	24	67.6	19	81.4	13	43.6	9	65.0
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	2	5.6	1	4.3	2	6.7	1	7.2
Diabetes Mellitus	12	33.8	7	30.0	13	43.6	5	36.1
Dementia	18	50.7	4	17.1	23	77.1	7	50.5
Alzheimer's Disease	28	78.8	4	17.1	17	57.0	4	28.9
Major Cardiovascular Disease	118	332.2	85	364.0	117	392.4	43	310.4
--Diseases of the Heart	88	247.8	65	278.3	100	335.4	28	202.1
----Ischemic Heart Disease	53	149.2	36	154.2	69	231.4	18	129.9
--Essential Hypertension and Hypertensive Renal Disease	4	11.3	3	12.8	2	6.7	1	7.2
--Cerebrovascular Diseases (Stroke)	20	56.3	15	64.2	11	36.9	10	72.2
--Arteriosclerosis	2	5.6	0	0.0	1	3.4	3	21.7
--Other Diseases of Arteries, Arterioles and Capillaries	4	11.3	2	8.6	3	10.1	1	7.2
Influenza and Pneumonia	13	36.6	4	17.1	26	87.2	4	28.9
--Influenza	2	5.6	1	4.3	0	0.0	0	0.0
--Pneumonia	11	31.0	3	12.8	26	87.2	4	28.9
Chronic Lower Respiratory Diseases	35	98.5	13	55.7	28	93.9	11	79.4
--Bronchitis, Emphysema and Asthma	1	2.8	1	4.3	2	6.7	0	0.0
Lung Diseases due to External Agents	1	2.8	2	8.6	0	0.0	1	7.2
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	13	36.6	4	17.1	6	20.1	1	7.2
Nephritis, Nephrotic Syndrome and Nephrosis	19	53.5	7	30.0	6	20.1	5	36.1
Congenital Malformations	2	5.6	2	8.6	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	11	31.0	1	4.3	12	40.2	11	79.4
Accidents, All Forms	32	90.1	27	115.6	21	70.4	13	93.8
--Motor Vehicle	6	16.9	14	59.9	4	13.4	6	43.3
--Falls	7	19.7	0	0.0	3	10.1	2	14.4
--Drownings	3	8.4	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	2	5.6	0	0.0	0	0.0	0	0.0
--Poisonings	11	31.0	12	51.4	13	43.6	2	14.4
--Other Accidents	3	8.4	1	4.3	1	3.4	3	21.7
Intentional Self-Harm (Suicide)	5	14.1	3	12.8	4	13.4	4	28.9
Assault (Homicide)	1	2.8	2	8.6	0	0.0	1	7.2
Injury Undetermined Whether Accidental or Purposely Inflicted	1	2.8	3	12.8	1	3.4	0	0.0
All Other Causes (Residual)	59	166.1	33	141.3	33	110.7	20	144.4

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2015
Table 67 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Harrison		Jackson		Jefferson		Kanawha	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	4	5.0	2	5.9	3	5.3	10	4.9
Total Deaths, All Causes	848	12.3	364	12.4	444	7.9	2,523	13.4
--Deaths Under One Year	4	5.0	6	17.8	3	5.3	4	1.9
--Deaths Under 28 Days	1	1.3	5	14.8	3	5.3	4	1.9
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	7	10.2	1	3.4	8	14.2	33	17.5
Human Immunodeficiency Virus Infection	0	0.0	1	3.4	0	0.0	3	1.6
Malignant Neoplasms	187	272.1	69	236.0	108	191.2	492	261.2
--of Digestive Organs	56	81.5	15	51.3	26	46.0	113	60.0
----Colon	11	16.0	3	10.3	6	10.6	29	15.4
----Pancreas	14	20.4	8	27.4	9	15.9	30	15.9
--of Respiratory and Intrathoracic Organs	57	83.0	23	78.7	33	58.4	152	80.7
----Trachea, Bronchus and Lung	56	81.5	22	75.2	33	58.4	147	78.1
--of Breast	9	13.1	2	6.8	13	23.0	33	17.5
--of Genitourinary Organs	20	29.1	12	41.0	16	28.3	81	43.0
----Cervix Uteri	0	0.0	0	0.0	3	5.3	2	1.1
----Ovary	2	2.9	1	3.4	4	7.1	13	6.9
----Prostate	4	5.8	4	13.7	3	5.3	20	10.6
----Bladder	4	5.8	1	3.4	2	3.5	17	9.0
--All Other (Malignant Neoplasms)	45	65.5	17	58.1	20	35.4	113	60.0
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	5	7.3	1	3.4	2	3.5	15	8.0
Diabetes Mellitus	31	45.1	16	54.7	13	23.0	96	51.0
Dementia	31	45.1	10	34.2	12	21.2	156	82.8
Alzheimer's Disease	37	53.8	13	44.5	11	19.5	119	63.2
Major Cardiovascular Disease	242	352.2	121	413.9	131	231.9	605	321.2
--Diseases of the Heart	177	257.6	88	301.0	103	182.4	425	225.7
----Ischemic Heart Disease	125	181.9	57	195.0	62	109.8	251	133.3
--Essential Hypertension and Hypertensive Renal Disease	9	13.1	9	30.8	2	3.5	34	18.1
--Cerebrovascular Diseases (Stroke)	38	55.3	9	30.8	22	39.0	122	64.8
--Arteriosclerosis	12	17.5	14	47.9	2	3.5	1	0.5
--Other Diseases of Arteries, Arterioles and Capillaries	6	8.7	1	3.4	2	3.5	23	12.2
Influenza and Pneumonia	23	33.5	12	41.0	6	10.6	53	28.1
--Influenza	2	2.9	0	0.0	1	1.8	7	3.7
--Pneumonia	21	30.6	12	41.0	5	8.9	46	24.4
Chronic Lower Respiratory Diseases	59	85.9	20	68.4	29	51.3	184	97.7
--Bronchitis, Emphysema and Asthma	2	2.9	3	10.3	1	1.8	12	6.4
Lung Diseases due to External Agents	8	11.6	5	17.1	3	5.3	19	10.1
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	2	1.1
Chronic Liver Disease and Cirrhosis	14	20.4	4	13.7	8	14.2	45	23.9
Nephritis, Nephrotic Syndrome and Nephrosis	23	33.5	11	37.6	9	15.9	84	44.6
Congenital Malformations	3	4.4	3	10.3	0	0.0	5	2.7
Ill-Defined and Unknown Causes of Death	22	32.0	5	17.1	4	7.1	46	24.4
Accidents, All Forms	37	53.8	18	61.6	39	69.0	190	100.9
--Motor Vehicle	9	13.1	5	17.1	13	23.0	29	15.4
--Falls	4	5.8	3	10.3	5	8.9	40	21.2
--Drownings	1	1.5	0	0.0	0	0.0	3	1.6
--Smoke, Fires and Flames	0	0.0	1	3.4	0	0.0	0	0.0
--Poisonings	21	30.6	6	20.5	17	30.1	101	53.6
--Other Accidents	2	2.9	3	10.3	4	7.1	17	9.0
Intentional Self-Harm (Suicide)	14	20.4	1	3.4	8	14.2	47	25.0
Assault (Homicide)	1	1.5	2	6.8	1	1.8	14	7.4
Injury Undetermined Whether Accidental or Purposely Inflicted	3	4.4	0	0.0	2	3.5	5	2.7
All Other Causes (Residual)	101	147.0	51	174.4	50	88.5	312	165.7

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2015
Table 67 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Lewis		Lincoln		Logan		McDowell	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	3	14.4	0	0.0	1	2.8	0	0.0
Total Deaths, All Causes	241	14.7	259	12.1	572	16.5	348	17.5
--Deaths Under One Year	2	9.6	1	4.2	4	11.3	3	14.2
--Deaths Under 28 Days	2	9.6	0	0.0	0	0.0	1	4.7
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	5	30.4	3	14.0	7	20.2	8	40.3
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	55	334.4	66	308.2	133	383.2	70	352.9
--of Digestive Organs	9	54.7	10	46.7	21	60.5	21	105.9
----Colon	2	12.2	1	4.7	5	14.4	6	30.2
----Pancreas	2	12.2	3	14.0	6	17.3	5	25.2
--of Respiratory and Intrathoracic Organs	26	158.1	30	140.1	39	112.4	22	110.9
----Trachea, Bronchus and Lung	26	158.1	28	130.7	37	106.6	21	105.9
--of Breast	5	30.4	3	14.0	8	23.1	2	10.1
--of Genitourinary Organs	5	30.4	7	32.7	18	51.9	8	40.3
----Cervix Uteri	0	0.0	0	0.0	3	8.6	0	0.0
----Ovary	0	0.0	2	9.3	2	5.8	2	10.1
----Prostate	2	12.2	0	0.0	5	14.4	2	10.1
----Bladder	1	6.1	2	9.3	2	5.8	2	10.1
--All Other (Malignant Neoplasms)	10	60.8	16	74.7	47	135.4	17	85.7
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	1	6.1	0	0.0	2	5.8	1	5.0
Diabetes Mellitus	17	103.4	10	46.7	26	74.9	18	90.7
Dementia	9	54.7	18	84.1	19	54.7	6	30.2
Alzheimer's Disease	6	36.5	10	46.7	16	46.1	3	15.1
Major Cardiovascular Disease	75	456.0	57	266.2	144	414.9	80	403.3
--Diseases of the Heart	60	364.8	38	177.4	105	302.5	63	317.6
----Ischemic Heart Disease	50	304.0	24	112.1	67	193.0	42	211.7
--Essential Hypertension and Hypertensive Renal Disease	2	12.2	8	37.4	12	34.6	4	20.2
--Cerebrovascular Diseases (Stroke)	10	60.8	10	46.7	23	66.3	12	60.5
--Arteriosclerosis	0	0.0	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	3	18.2	1	4.7	4	11.5	1	5.0
Influenza and Pneumonia	2	12.2	10	46.7	7	20.2	6	30.2
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	2	12.2	10	46.7	7	20.2	6	30.2
Chronic Lower Respiratory Diseases	21	127.7	25	116.7	53	152.7	32	161.3
--Bronchitis, Emphysema and Asthma	2	12.2	0	0.0	3	8.6	0	0.0
Lung Diseases due to External Agents	1	6.1	2	9.3	9	25.9	6	30.2
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	5	14.4	0	0.0
Chronic Liver Disease and Cirrhosis	7	42.6	1	4.7	9	25.9	11	55.5
Nephritis, Nephrotic Syndrome and Nephrosis	3	18.2	4	18.7	3	8.6	8	40.3
Congenital Malformations	1	6.1	1	4.7	0	0.0	0	0.0
III-Defined and Unknown Causes of Death	1	6.1	5	23.3	11	31.7	3	15.1
Accidents, All Forms	10	60.8	16	74.7	39	112.4	36	181.5
--Motor Vehicle	6	36.5	4	18.7	6	17.3	6	30.2
--Falls	1	6.1	5	23.3	9	25.9	2	10.1
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	1	6.1	0	0.0	0	0.0	0	0.0
--Poisonings	1	6.1	6	28.0	18	51.9	25	126.0
--Other Accidents	1	6.1	1	4.7	6	17.3	3	15.1
Intentional Self-Harm (Suicide)	2	12.2	0	0.0	10	28.8	9	45.4
Assault (Homicide)	2	12.2	0	0.0	0	0.0	1	5.0
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	2	9.3	3	8.6	2	10.1
All Other Causes (Residual)	23	139.8	29	135.4	81	233.4	48	242.0

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2015
Table 67 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Marion		Marshall		Mason		Mercer	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	1.6	2	6.3	0	0.0	5	6.8
Total Deaths, All Causes	714	12.5	403	12.6	366	13.5	887	14.5
--Deaths Under One Year	5	8.0	1	3.2	2	7.1	4	5.4
--Deaths Under 28 Days	2	3.2	1	3.2	2	7.1	2	2.7
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	10	17.6	4	12.5	7	25.9	18	29.4
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	186	326.7	95	297.1	75	277.4	153	250.1
--of Digestive Organs	46	80.8	18	56.3	21	77.7	44	71.9
----Colon	17	29.9	7	21.9	9	33.3	16	26.2
----Pancreas	11	19.3	1	3.1	5	18.5	11	18.0
--of Respiratory and Intrathoracic Organs	57	100.1	34	106.3	22	81.4	45	73.6
----Trachea, Bronchus and Lung	53	93.1	33	103.2	20	74.0	42	68.7
--of Breast	16	28.1	4	12.5	7	25.9	8	13.1
--of Genitourinary Organs	22	38.6	11	34.4	5	18.5	21	34.3
----Cervix Uteri	0	0.0	1	3.1	0	0.0	1	1.6
----Ovary	3	5.3	2	6.3	0	0.0	2	3.3
----Prostate	5	8.8	3	9.4	2	7.4	7	11.4
----Bladder	4	7.0	2	6.3	1	3.7	3	4.9
--All Other (Malignant Neoplasms)	45	79.1	28	87.6	20	74.0	35	57.2
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	1	1.8	0	0.0	0	0.0	7	11.4
Diabetes Mellitus	24	42.2	16	50.0	12	44.4	30	49.0
Dementia	32	56.2	10	31.3	10	37.0	53	86.7
Alzheimer's Disease	17	29.9	17	53.2	16	59.2	14	22.9
Major Cardiovascular Disease	238	418.1	112	350.2	110	406.8	255	416.9
--Diseases of the Heart	195	342.6	82	256.4	81	299.6	180	294.3
----Ischemic Heart Disease	138	242.4	51	159.5	53	196.0	95	155.3
--Essential Hypertension and Hypertensive Renal Disease	10	17.6	3	9.4	1	3.7	18	29.4
--Cerebrovascular Diseases (Stroke)	25	43.9	23	71.9	25	92.5	47	76.8
--Arteriosclerosis	2	3.5	1	3.1	0	0.0	1	1.6
--Other Diseases of Arteries, Arterioles and Capillaries	6	10.5	3	9.4	3	11.1	9	14.7
Influenza and Pneumonia	4	7.0	24	75.1	6	22.2	18	29.4
--Influenza	1	1.8	3	9.4	0	0.0	1	1.6
--Pneumonia	3	5.3	21	65.7	6	22.2	17	27.8
Chronic Lower Respiratory Diseases	47	82.6	29	90.7	32	118.4	67	109.5
--Bronchitis, Emphysema and Asthma	2	3.5	1	3.1	1	3.7	1	1.6
Lung Diseases due to External Agents	6	10.5	4	12.5	3	11.1	5	8.2
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	8	14.1	4	12.5	5	18.5	18	29.4
Nephritis, Nephrotic Syndrome and Nephrosis	11	19.3	8	25.0	6	22.2	17	27.8
Congenital Malformations	2	3.5	1	3.1	2	7.4	3	4.9
Ill-Defined and Unknown Causes of Death	11	19.3	4	12.5	8	29.6	19	31.1
Accidents, All Forms	32	56.2	16	50.0	24	88.8	60	98.1
--Motor Vehicle	8	14.1	6	18.8	6	22.2	10	16.3
--Falls	12	21.1	6	18.8	7	25.9	11	18.0
--Drownings	0	0.0	0	0.0	1	3.7	0	0.0
--Smoke, Fires and Flames	1	1.8	0	0.0	0	0.0	2	3.3
--Poisonings	7	12.3	4	12.5	6	22.2	31	50.7
--Other Accidents	4	7.0	0	0.0	4	14.8	6	9.8
Intentional Self-Harm (Suicide)	9	15.8	5	15.6	4	14.8	15	24.5
Assault (Homicide)	3	5.3	1	3.1	0	0.0	3	4.9
Injury Undetermined Whether Accidental or Purposely Inflicted	1	1.8	0	0.0	0	0.0	6	9.8
All Other Causes (Residual)	72	126.5	53	165.7	46	170.1	126	206.0

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2015
Table 67 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Mineral		Mingo		Monongalia		Monroe	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	3.7	3	9.4	2	1.8	0	0.0
Total Deaths, All Causes	344	12.5	333	13.2	709	6.8	177	13.1
--Deaths Under One Year	1	3.7	1	3.1	8	7.3	2	15.4
--Deaths Under 28 Days	0	0.0	0	0.0	4	3.7	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	6	21.9	6	23.7	13	12.5	3	22.2
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	1	1.0	0	0.0
Malignant Neoplasms	71	258.6	72	284.7	148	142.0	42	311.0
--of Digestive Organs	17	61.9	17	67.2	37	35.5	11	81.4
----Colon	6	21.9	5	19.8	10	9.6	6	44.4
----Pancreas	2	7.3	4	15.8	9	8.6	2	14.8
--of Respiratory and Intrathoracic Organs	18	65.6	22	87.0	42	40.3	12	88.8
----Trachea, Bronchus and Lung	17	61.9	21	83.0	42	40.3	12	88.8
--of Breast	5	18.2	3	11.9	8	7.7	0	0.0
--of Genitourinary Organs	10	36.4	12	47.4	25	24.0	7	51.8
----Cervix Uteri	1	3.6	1	4.0	1	1.0	0	0.0
----Ovary	0	0.0	2	7.9	7	6.7	2	14.8
----Prostate	4	14.6	4	15.8	3	2.9	1	7.4
----Bladder	3	10.9	2	7.9	4	3.8	2	14.8
--All Other (Malignant Neoplasms)	21	76.5	18	71.2	36	34.5	12	88.8
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	1	3.6	1	4.0	7	6.7	2	14.8
Diabetes Mellitus	12	43.7	9	35.6	20	19.2	8	59.2
Dementia	16	58.3	12	47.4	27	25.9	11	81.4
Alzheimer's Disease	11	40.1	10	39.5	21	20.1	7	51.8
Major Cardiovascular Disease	116	422.6	92	363.8	214	205.3	46	340.6
--Diseases of the Heart	90	327.9	77	304.4	163	156.4	36	266.5
----Ischemic Heart Disease	47	171.2	46	181.9	108	103.6	19	140.7
--Essential Hypertension and Hypertensive Renal Disease	5	18.2	1	4.0	10	9.6	1	7.4
--Cerebrovascular Diseases (Stroke)	18	65.6	12	47.4	35	33.6	8	59.2
--Arteriosclerosis	1	3.6	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	2	7.3	2	7.9	6	5.8	1	7.4
Influenza and Pneumonia	4	14.6	11	43.5	11	10.6	1	7.4
--Influenza	0	0.0	0	0.0	2	1.9	0	0.0
--Pneumonia	4	14.6	11	43.5	9	8.6	1	7.4
Chronic Lower Respiratory Diseases	28	102.0	30	118.6	50	48.0	13	96.3
--Bronchitis, Emphysema and Asthma	6	21.9	2	7.9	1	1.0	0	0.0
Lung Diseases due to External Agents	5	18.2	3	11.9	10	9.6	4	29.6
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	2	7.3	2	7.9	9	8.6	1	7.4
Nephritis, Nephrotic Syndrome and Nephrosis	5	18.2	2	7.9	11	10.6	2	14.8
Congenital Malformations	0	0.0	2	7.9	3	2.9	0	0.0
Ill-Defined and Unknown Causes of Death	1	3.6	7	27.7	10	9.6	2	14.8
Accidents, All Forms	14	51.0	27	106.8	39	37.4	9	66.6
--Motor Vehicle	3	10.9	9	35.6	8	7.7	3	22.2
--Falls	5	18.2	2	7.9	12	11.5	0	0.0
--Drownings	0	0.0	2	7.9	2	1.9	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	0	0.0
--Poisonings	2	7.3	11	43.5	11	10.6	3	22.2
--Other Accidents	4	14.6	3	11.9	6	5.8	3	22.2
Intentional Self-Harm (Suicide)	7	25.5	4	15.8	12	11.5	1	7.4
Assault (Homicide)	1	3.6	0	0.0	3	2.9	2	14.8
Injury Undetermined Whether Accidental or Purposely Inflicted	4	14.6	1	4.0	0	0.0	0	0.0
All Other Causes (Residual)	40	145.7	42	166.1	100	95.9	23	170.3

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2015
Table 67 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Morgan		Nicholas		Ohio		Pendleton	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	7.9	4	14.6	2	4.3	1	16.1
Total Deaths, All Causes	206	11.8	322	12.6	577	13.4	93	12.9
--Deaths Under One Year	1	7.9	5	18.2	5	10.6	0	0.0
--Deaths Under 28 Days	0	0.0	4	14.6	3	6.4	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	7	39.9	6	23.4	2	4.6	1	13.8
Human Immunodeficiency Virus Infection	1	5.7	0	0.0	1	2.3	1	13.8
Malignant Neoplasms	48	273.9	67	261.8	122	283.3	18	249.0
--of Digestive Organs	14	79.9	20	78.1	29	67.3	3	41.5
----Colon	2	11.4	6	23.4	12	27.9	2	27.7
----Pancreas	4	22.8	3	11.7	6	13.9	1	13.8
--of Respiratory and Intrathoracic Organs	14	79.9	21	82.1	33	76.6	5	69.2
----Trachea, Bronchus and Lung	14	79.9	21	82.1	32	74.3	5	69.2
--of Breast	2	11.4	3	11.7	4	9.3	2	27.7
--of Genitourinary Organs	5	28.5	6	23.4	14	32.5	6	83.0
----Cervix Uteri	0	0.0	1	3.9	0	0.0	0	0.0
----Ovary	0	0.0	0	0.0	3	7.0	1	13.8
----Prostate	1	5.7	0	0.0	5	11.6	2	27.7
----Bladder	0	0.0	2	7.8	2	4.6	0	0.0
--All Other (Malignant Neoplasms)	13	74.2	17	66.4	42	97.5	2	27.7
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	0	0.0	3	7.0	0	0.0
Diabetes Mellitus	7	39.9	10	39.1	31	72.0	2	27.7
Dementia	9	51.4	14	54.7	24	55.7	7	96.8
Alzheimer's Disease	4	22.8	11	43.0	17	39.5	3	41.5
Major Cardiovascular Disease	56	319.6	92	359.5	155	359.9	29	401.2
--Diseases of the Heart	44	251.1	63	246.2	113	262.4	21	290.5
----Ischemic Heart Disease	24	137.0	37	144.6	66	153.3	10	138.3
--Essential Hypertension and Hypertensive Renal Disease	1	5.7	6	23.4	5	11.6	0	0.0
--Cerebrovascular Diseases (Stroke)	9	51.4	18	70.3	32	74.3	7	96.8
--Arteriosclerosis	0	0.0	1	3.9	0	0.0	1	13.8
--Other Diseases of Arteries, Arterioles and Capillaries	2	11.4	4	15.6	5	11.6	0	0.0
Influenza and Pneumonia	4	22.8	6	23.4	26	60.4	0	0.0
--Influenza	0	0.0	0	0.0	1	2.3	0	0.0
--Pneumonia	4	22.8	6	23.4	25	58.1	0	0.0
Chronic Lower Respiratory Diseases	13	74.2	15	58.6	39	90.6	6	83.0
--Bronchitis, Emphysema and Asthma	1	5.7	0	0.0	3	7.0	0	0.0
Lung Diseases due to External Agents	3	17.1	2	7.8	5	11.6	2	27.7
--Coal Worker's Pneumoconiosis	0	0.0	1	3.9	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	4	22.8	7	27.4	12	27.9	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis	6	34.2	4	15.6	7	16.3	2	27.7
Congenital Malformations	1	5.7	0	0.0	1	2.3	0	0.0
Ill-Defined and Unknown Causes of Death	1	5.7	7	27.4	4	9.3	3	41.5
Accidents, All Forms	12	68.5	24	93.8	37	85.9	8	110.7
--Motor Vehicle	2	11.4	4	15.6	1	2.3	3	41.5
--Falls	4	22.8	5	19.5	17	39.5	3	41.5
--Drownings	0	0.0	2	7.8	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	1	3.9	0	0.0	0	0.0
--Poisonings	3	17.1	10	39.1	15	34.8	0	0.0
--Other Accidents	3	17.1	2	7.8	4	9.3	2	27.7
Intentional Self-Harm (Suicide)	6	34.2	5	19.5	8	18.6	2	27.7
Assault (Homicide)	0	0.0	0	0.0	1	2.3	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	1	5.7	5	19.5	1	2.3	0	0.0
All Other Causes (Residual)	23	131.2	47	183.6	81	188.1	9	124.5

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2015
Table 67 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Pleasants		Pocahontas		Preston		Putnam	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	1	12.0	1	3.1	2	3.3
Total Deaths, All Causes	90	11.7	107	12.4	381	11.2	568	10.0
--Deaths Under One Year	1	11.6	3	36.1	5	15.5	4	6.7
--Deaths Under 28 Days	1	11.6	2	24.1	3	9.3	3	5.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	5	65.2	1	11.6	8	23.6	7	12.3
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	17	221.5	19	220.8	96	282.9	124	218.1
--of Digestive Organs	4	52.1	5	58.1	28	82.5	24	42.2
----Colon	3	39.1	1	11.6	8	23.6	5	8.8
----Pancreas	0	0.0	1	11.6	11	32.4	7	12.3
--of Respiratory and Intrathoracic Organs	6	78.2	4	46.5	25	73.7	43	75.6
----Trachea, Bronchus and Lung	6	78.2	3	34.9	23	67.8	39	68.6
--of Breast	1	13.0	0	0.0	6	17.7	3	5.3
--of Genitourinary Organs	3	39.1	3	34.9	12	35.4	16	28.1
----Cervix Uteri	0	0.0	1	11.6	0	0.0	1	1.8
----Ovary	1	13.0	0	0.0	2	5.9	3	5.3
----Prostate	2	26.1	0	0.0	4	11.8	7	12.3
----Bladder	0	0.0	1	11.6	3	8.8	0	0.0
--All Other (Malignant Neoplasms)	3	39.1	7	81.3	25	73.7	38	66.8
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	2	23.2	2	5.9	6	10.6
Diabetes Mellitus	6	78.2	3	34.9	20	58.9	14	24.6
Dementia	1	13.0	1	11.6	13	38.3	37	65.1
Alzheimer's Disease	2	26.1	9	104.6	10	29.5	30	52.8
Major Cardiovascular Disease	26	338.8	27	313.7	113	332.9	147	258.6
--Diseases of the Heart	21	273.7	22	255.6	81	238.7	102	179.4
----Ischemic Heart Disease	18	234.6	15	174.3	55	162.1	66	116.1
--Essential Hypertension and Hypertensive Renal Disease	0	0.0	1	11.6	5	14.7	5	8.8
--Cerebrovascular Diseases (Stroke)	4	52.1	2	23.2	20	58.9	33	58.0
--Arteriosclerosis	0	0.0	0	0.0	3	8.8	2	3.5
--Other Diseases of Arteries, Arterioles and Capillaries	1	13.0	2	23.2	4	11.8	5	8.8
Influenza and Pneumonia	5	65.2	3	34.9	9	26.5	21	36.9
--Influenza	0	0.0	0	0.0	0	0.0	5	8.8
--Pneumonia	5	65.2	3	34.9	9	26.5	16	28.1
Chronic Lower Respiratory Diseases	5	65.2	8	92.9	29	85.4	34	59.8
--Bronchitis, Emphysema and Asthma	0	0.0	0	0.0	1	2.9	3	5.3
Lung Diseases due to External Agents	1	13.0	0	0.0	2	5.9	10	17.6
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	1	11.6	1	2.9	8	14.1
Nephritis, Nephrotic Syndrome and Nephrosis	4	52.1	3	34.9	4	11.8	9	15.8
Congenital Malformations	2	26.1	1	11.6	2	5.9	1	1.8
Ill-Defined and Unknown Causes of Death	2	26.1	8	92.9	8	23.6	8	14.1
Accidents, All Forms	5	65.2	9	104.6	19	56.0	43	75.6
--Motor Vehicle	3	39.1	2	23.2	8	23.6	5	8.8
--Falls	0	0.0	1	11.6	5	14.7	16	28.1
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	0	0.0
--Poisonings	2	26.1	4	46.5	3	8.8	20	35.2
--Other Accidents	0	0.0	2	23.2	3	8.8	2	3.5
Intentional Self-Harm (Suicide)	1	13.0	0	0.0	7	20.6	4	7.0
Assault (Homicide)	0	0.0	3	34.9	3	8.8	1	1.8
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	1	11.6	0	0.0	0	0.0
All Other Causes (Residual)	8	104.2	8	92.9	35	103.1	64	112.6

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2015
Table 67 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Raleigh		Randolph		Ritchie		Roane	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	4	4.9	0	0.0	0	0.0	0	0.0
Total Deaths, All Causes	1,088	14.0	374	12.8	126	12.6	191	13.2
--Deaths Under One Year	11	13.3	4	14.0	0	0.0	0	0.0
--Deaths Under 28 Days	4	4.9	3	10.5	0	0.0	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	22	28.4	4	13.7	4	40.1	1	6.9
Human Immunodeficiency Virus Infection	2	2.6	1	3.4	0	0.0	0	0.0
Malignant Neoplasms	218	281.3	79	271.2	26	260.5	42	291.0
--of Digestive Organs	47	60.6	19	65.2	6	60.1	8	55.4
----Colon	15	19.4	5	17.2	3	30.1	3	20.8
----Pancreas	11	14.2	4	13.7	2	20.0	0	0.0
--of Respiratory and Intrathoracic Organs	62	80.0	23	79.0	5	50.1	15	103.9
----Trachea, Bronchus and Lung	61	78.7	23	79.0	5	50.1	14	97.0
--of Breast	10	12.9	2	6.9	1	10.0	4	27.7
--of Genitourinary Organs	25	32.3	14	48.1	3	30.1	6	41.6
----Cervix Uteri	2	2.6	1	3.4	0	0.0	1	6.9
----Ovary	8	10.3	1	3.4	2	20.0	2	13.9
----Prostate	5	6.5	1	3.4	0	0.0	0	0.0
----Bladder	2	2.6	2	6.9	1	10.0	1	6.9
--All Other (Malignant Neoplasms)	74	95.5	21	72.1	11	110.2	9	62.3
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	9	11.6	2	6.9	2	20.0	2	13.9
Diabetes Mellitus	34	43.9	13	44.6	3	30.1	6	41.6
Dementia	30	38.7	6	20.6	5	50.1	4	27.7
Alzheimer's Disease	9	11.6	18	61.8	1	10.0	11	76.2
Major Cardiovascular Disease	316	407.7	110	377.7	34	340.6	57	394.9
--Diseases of the Heart	237	305.8	83	285.0	29	290.5	37	256.3
----Ischemic Heart Disease	142	183.2	60	206.0	20	200.4	29	200.9
--Essential Hypertension and Hypertensive Renal Disease	15	19.4	6	20.6	0	0.0	5	34.6
--Cerebrovascular Diseases (Stroke)	51	65.8	12	41.2	4	40.1	12	83.1
--Arteriosclerosis	1	1.3	2	6.9	0	0.0	2	13.9
--Other Diseases of Arteries, Arterioles and Capillaries	12	15.5	7	24.0	1	10.0	1	6.9
Influenza and Pneumonia	17	21.9	6	20.6	7	70.1	4	27.7
--Influenza	1	1.3	1	3.4	0	0.0	0	0.0
--Pneumonia	16	20.6	5	17.2	7	70.1	4	27.7
Chronic Lower Respiratory Diseases	74	95.5	31	106.4	8	80.1	14	97.0
--Bronchitis, Emphysema and Asthma	5	6.5	1	3.4	0	0.0	0	0.0
Lung Diseases due to External Agents	15	19.4	1	3.4	2	20.0	0	0.0
--Coal Worker's Pneumoconiosis	6	7.7	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	7	9.0	8	27.5	0	0.0	3	20.8
Nephritis, Nephrotic Syndrome and Nephrosis	27	34.8	8	27.5	4	40.1	1	6.9
Congenital Malformations	5	6.5	3	10.3	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	20	25.8	11	37.8	3	30.1	5	34.6
Accidents, All Forms	102	131.6	14	48.1	9	90.2	8	55.4
--Motor Vehicle	13	16.8	5	17.2	3	30.1	2	13.9
--Falls	17	21.9	4	13.7	2	20.0	1	6.9
--Drownings	0	0.0	1	3.4	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	1	6.9
--Poisonings	59	76.1	2	6.9	1	10.0	3	20.8
--Other Accidents	13	16.8	2	6.9	3	30.1	1	6.9
Intentional Self-Harm (Suicide)	24	31.0	6	20.6	4	40.1	1	6.9
Assault (Homicide)	2	2.6	1	3.4	0	0.0	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	6	7.7	2	6.9	0	0.0	0	0.0
All Other Causes (Residual)	149	192.2	50	171.7	14	140.3	32	221.7

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2015
Table 67 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Summers		Taylor		Tucker		Tyler	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	8.3	0	0.0	0	0.0	0	0.0
Total Deaths, All Causes	207	15.6	214	12.7	85	12.2	114	12.7
--Deaths Under One Year	0	0.0	2	10.4	1	15.9	1	11.9
--Deaths Under 28 Days	0	0.0	1	5.2	1	15.9	1	11.9
Tuberculosis	1	7.6	0	0.0	0	0.0	0	0.0
Septicemia	2	15.1	3	17.7	0	0.0	0	0.0
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	32	241.7	44	260.2	20	287.1	31	345.4
--of Digestive Organs	5	37.8	6	35.5	8	114.8	4	44.6
----Colon	0	0.0	3	17.7	3	43.1	3	33.4
----Pancreas	3	22.7	2	11.8	1	14.4	1	11.1
--of Respiratory and Intrathoracic Organs	11	83.1	22	130.1	5	71.8	12	133.7
----Trachea, Bronchus and Lung	10	75.5	22	130.1	5	71.8	11	122.6
--of Breast	1	7.6	2	11.8	1	14.4	2	22.3
--of Genitourinary Organs	7	52.9	2	11.8	2	28.7	2	22.3
----Cervix Uteri	1	7.6	0	0.0	0	0.0	0	0.0
----Ovary	1	7.6	0	0.0	0	0.0	0	0.0
----Prostate	0	0.0	0	0.0	1	14.4	0	0.0
----Bladder	0	0.0	0	0.0	0	0.0	1	11.1
--All Other (Malignant Neoplasms)	8	60.4	12	71.0	4	57.4	11	122.6
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	2	15.1	3	17.7	0	0.0	0	0.0
Diabetes Mellitus	5	37.8	6	35.5	1	14.4	3	33.4
Dementia	4	30.2	4	23.7	4	57.4	2	22.3
Alzheimer's Disease	4	30.2	10	59.1	2	28.7	5	55.7
Major Cardiovascular Disease	76	574.1	72	425.7	28	402.0	33	367.7
--Diseases of the Heart	56	423.0	47	277.9	25	358.9	23	256.3
----Ischemic Heart Disease	33	249.3	31	183.3	18	258.4	14	156.0
--Essential Hypertension and Hypertensive Renal Disease	3	22.7	1	5.9	1	14.4	3	33.4
--Cerebrovascular Diseases (Stroke)	14	105.7	9	53.2	2	28.7	7	78.0
--Arteriosclerosis	0	0.0	13	76.9	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	3	22.7	2	11.8	0	0.0	0	0.0
Influenza and Pneumonia	5	37.8	5	29.6	1	14.4	4	44.6
--Influenza	1	7.6	0	0.0	0	0.0	0	0.0
--Pneumonia	4	30.2	5	29.6	1	14.4	4	44.6
Chronic Lower Respiratory Diseases	18	136.0	11	65.0	7	100.5	5	55.7
--Bronchitis, Emphysema and Asthma	1	7.6	0	0.0	1	14.4	0	0.0
Lung Diseases due to External Agents	2	15.1	2	11.8	1	14.4	0	0.0
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	4	30.2	2	11.8	1	14.4	2	22.3
Nephritis, Nephrotic Syndrome and Nephrosis	5	37.8	4	23.7	1	14.4	3	33.4
Congenital Malformations	0	0.0	2	11.8	1	14.4	1	11.1
Ill-Defined and Unknown Causes of Death	1	7.6	4	23.7	1	14.4	5	55.7
Accidents, All Forms	14	105.7	9	53.2	1	14.4	7	78.0
--Motor Vehicle	5	37.8	1	5.9	1	14.4	1	11.1
--Falls	0	0.0	5	29.6	0	0.0	2	22.3
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	0	0.0
--Poisonings	6	45.3	3	17.7	0	0.0	1	11.1
--Other Accidents	3	22.7	0	0.0	0	0.0	3	33.4
Intentional Self-Harm (Suicide)	1	7.6	2	11.8	2	28.7	1	11.1
Assault (Homicide)	5	37.8	1	5.9	0	0.0	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	1	14.4	0	0.0
All Other Causes (Residual)	26	196.4	30	177.4	13	186.6	12	133.7

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2015
Table 67 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Upshur		Wayne		Webster		Wetzel	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	4.0	2	4.8	0	0.0	0	0.0
Total Deaths, All Causes	256	10.3	524	12.8	133	15.2	210	13.3
--Deaths Under One Year	3	12.1	2	4.8	1	12.8	2	11.2
--Deaths Under 28 Days	2	8.1	1	2.4	1	12.8	2	11.2
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	2	8.1	5	12.2	1	11.4	4	25.3
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	49	197.9	103	251.4	25	285.6	44	278.2
--of Digestive Organs	15	60.6	25	61.0	3	34.3	10	63.2
----Colon	6	24.2	9	22.0	1	11.4	3	19.0
----Pancreas	5	20.2	4	9.8	2	22.8	3	19.0
--of Respiratory and Intrathoracic Organs	14	56.5	34	83.0	7	80.0	12	75.9
----Trachea, Bronchus and Lung	14	56.5	32	78.1	7	80.0	11	69.5
--of Breast	3	12.1	11	26.8	0	0.0	2	12.6
--of Genitourinary Organs	9	36.4	11	26.8	6	68.5	4	25.3
----Cervix Uteri	0	0.0	0	0.0	0	0.0	1	6.3
----Ovary	3	12.1	1	2.4	1	11.4	0	0.0
----Prostate	1	4.0	2	4.9	1	11.4	1	6.3
----Bladder	2	8.1	3	7.3	2	22.8	2	12.6
--All Other (Malignant Neoplasms)	8	32.3	22	53.7	9	102.8	16	101.2
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	2	8.1	3	7.3	1	11.4	2	12.6
Diabetes Mellitus	6	24.2	21	51.3	4	45.7	5	31.6
Dementia	19	76.7	22	53.7	2	22.8	12	75.9
Alzheimer's Disease	6	24.2	21	51.3	1	11.4	5	31.6
Major Cardiovascular Disease	77	311.0	132	322.2	39	445.5	65	411.0
--Diseases of the Heart	57	230.2	94	229.4	29	331.2	55	347.7
----Ischemic Heart Disease	38	153.5	56	136.7	20	228.4	28	177.0
--Essential Hypertension and Hypertensive Renal Disease	1	4.0	13	31.7	0	0.0	2	12.6
--Cerebrovascular Diseases (Stroke)	16	64.6	22	53.7	10	114.2	8	50.6
--Arteriosclerosis	2	8.1	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	1	4.0	3	7.3	0	0.0	0	0.0
Influenza and Pneumonia	1	4.0	10	24.4	9	102.8	5	31.6
--Influenza	1	4.0	0	0.0	1	11.4	0	0.0
--Pneumonia	0	0.0	10	24.4	8	91.4	5	31.6
Chronic Lower Respiratory Diseases	20	80.8	42	102.5	12	137.1	19	120.1
--Bronchitis, Emphysema and Asthma	0	0.0	1	2.4	2	22.8	2	12.6
Lung Diseases due to External Agents	1	4.0	3	7.3	2	22.8	0	0.0
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	2	8.1	8	19.5	1	11.4	2	12.6
Nephritis, Nephrotic Syndrome and Nephrosis	15	60.6	11	26.8	4	45.7	6	37.9
Congenital Malformations	2	8.1	2	4.9	1	11.4	0	0.0
Ill-Defined and Unknown Causes of Death	7	28.3	17	41.5	2	22.8	3	19.0
Accidents, All Forms	13	52.5	42	102.5	11	125.6	12	75.9
--Motor Vehicle	3	12.1	10	24.4	4	45.7	4	25.3
--Falls	2	8.1	10	24.4	0	0.0	3	19.0
--Drownings	1	4.0	1	2.4	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	2	4.9	0	0.0	0	0.0
--Poisonings	2	8.1	15	36.6	6	68.5	4	25.3
--Other Accidents	5	20.2	4	9.8	1	11.4	1	6.3
Intentional Self-Harm (Suicide)	3	12.1	2	4.9	4	45.7	2	12.6
Assault (Homicide)	0	0.0	2	4.9	0	0.0	1	6.3
Injury Undetermined Whether Accidental or Purposely Inflicted	1	4.0	2	4.9	0	0.0	0	0.0
All Other Causes (Residual)	30	121.2	76	185.5	14	159.9	23	145.4

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2015
Table 67 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Wirt		Wood		Wyoming		Total	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	5	5.1	3	14.2	86	4.3
Total Deaths, All Causes	66	11.2	1,068	12.4	343	15.5	22,643	12.3
--Deaths Under One Year	0	0.0	6	6.1	1	4.7	139	7.0
--Deaths Under 28 Days	0	0.0	2	2.0	0	0.0	85	4.3
Tuberculosis	0	0.0	0	0.0	0	0.0	1	0.1
Septicemia	1	17.0	23	26.6	7	31.6	347	18.8
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	15	0.8
Malignant Neoplasms	21	357.1	229	264.9	67	302.5	4,819	261.3
--of Digestive Organs	5	85.0	57	65.9	5	22.6	1,138	61.7
----Colon	2	34.0	17	19.7	2	9.0	371	20.1
----Pancreas	2	34.0	12	13.9	2	9.0	281	15.2
--of Respiratory and Intrathoracic Organs	6	102.0	71	82.1	27	121.9	1,546	83.8
----Trachea, Bronchus and Lung	6	102.0	69	79.8	25	112.9	1,487	80.6
--of Breast	1	17.0	21	24.3	2	9.0	282	15.3
--of Genitourinary Organs	2	34.0	30	34.7	8	36.1	627	34.0
----Cervix Uteri	0	0.0	1	1.2	0	0.0	28	1.5
----Ovary	0	0.0	5	5.8	0	0.0	97	5.3
----Prostate	1	17.0	10	11.6	3	13.5	163	8.8
----Bladder	0	0.0	3	3.5	4	18.1	115	6.2
--All Other (Malignant Neoplasms)	7	119.0	50	57.8	25	112.9	1,226	66.5
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	8	9.3	1	4.5	125	6.8
Diabetes Mellitus	2	34.0	36	41.6	13	58.7	784	42.5
Dementia	2	34.0	36	41.6	12	54.2	954	51.7
Alzheimer's Disease	1	17.0	43	49.7	3	13.5	737	40.0
Major Cardiovascular Disease	18	306.1	324	374.8	87	392.8	6,336	343.6
--Diseases of the Heart	14	238.1	234	270.7	73	329.6	4,705	255.1
----Ischemic Heart Disease	5	85.0	141	163.1	44	198.6	2,954	160.2
--Essential Hypertension and Hypertensive Renal Disease	0	0.0	18	20.8	2	9.0	297	16.1
--Cerebrovascular Diseases (Stroke)	3	51.0	62	71.7	9	40.6	1,070	58.0
--Arteriosclerosis	0	0.0	1	1.2	0	0.0	82	4.4
--Other Diseases of Arteries, Arterioles and Capillaries	1	17.0	9	10.4	3	13.5	182	9.9
Influenza and Pneumonia	5	85.0	22	25.4	2	9.0	523	28.4
--Influenza	0	0.0	0	0.0	0	0.0	42	2.3
--Pneumonia	5	85.0	22	25.4	2	9.0	481	26.1
Chronic Lower Respiratory Diseases	4	68.0	77	89.1	33	149.0	1,625	88.1
--Bronchitis, Emphysema and Asthma	0	0.0	2	2.3	4	18.1	96	5.2
Lung Diseases due to External Agents	0	0.0	8	9.3	6	27.1	198	10.7
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	5	22.6	24	1.3
Chronic Liver Disease and Cirrhosis	0	0.0	9	10.4	5	22.6	335	18.2
Nephritis, Nephrotic Syndrome and Nephrosis	1	17.0	25	28.9	14	63.2	508	27.5
Congenital Malformations	1	17.0	8	9.3	0	0.0	81	4.4
Ill-Defined and Unknown Causes of Death	1	17.0	17	19.7	5	22.6	430	23.3
Accidents, All Forms	2	34.0	58	67.1	37	167.0	1,518	82.3
--Motor Vehicle	0	0.0	14	16.2	4	18.1	304	16.5
--Falls	1	17.0	13	15.0	4	18.1	317	17.2
--Drownings	0	0.0	1	1.2	0	0.0	20	1.1
--Smoke, Fires and Flames	0	0.0	1	1.2	0	0.0	18	1.0
--Poisonings	1	17.0	22	25.4	24	108.3	682	37.0
--Other Accidents	0	0.0	7	8.1	5	22.6	177	9.6
Intentional Self-Harm (Suicide)	2	34.0	11	12.7	6	27.1	339	18.4
Assault (Homicide)	0	0.0	4	4.6	2	9.0	80	4.3
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	1	1.2	1	4.5	76	4.1
All Other Causes (Residual)	5	85.0	129	149.2	42	189.6	2,812	152.5

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

Marriages by County of Occurrence
Male-Female, Same-Sex and All Marriages
West Virginia, 2015
Table 68

County	Male-Female Marriages	Same-Sex Marriages	All Marriages	County	Male-Female Marriages	Same-Sex Marriages	All Marriages
Barbour	93	0	93	Monongalia	664	31	695
Berkeley	611	23	634	Monroe	81	0	81
Boone	154	6	160	Morgan	98	4	102
Braxton	79	0	79	Nicholas	159	3	162
Brooke	129	3	132	Ohio	319	26	345
Cabell	723	85	808	Pendleton	37	0	37
Calhoun	44	0	44	Pleasants	65	2	67
Clay	64	2	66	Pocahontas	58	0	58
Doddridge	60	2	62	Preston	166	3	169
Fayette	320	5	325	Putnam	349	15	364
Gilmer	48	0	48	Raleigh	482	16	498
Grant	69	1	70	Randolph	177	7	184
Greenbrier	226	7	233	Ritchie	83	0	83
Hampshire	100	1	101	Roane	110	2	112
Hancock	155	6	161	Summers	69	0	69
Hardy	95	6	101	Taylor	100	4	104
Harrison	462	24	486	Tucker	64	0	64
Jackson	218	5	223	Tyler	49	0	49
Jefferson	322	16	338	Upshur	180	7	187
Kanawha	1,135	59	1,194	Wayne	214	3	217
Lewis	112	4	116	Webster	58	1	59
Lincoln	120	3	123	Wetzel	83	6	89
Logan	294	6	300	Wirt	39	1	40
McDowell	131	4	135	Wood	614	39	653
Marion	394	14	408	Wyoming	150	3	153
Marshall	215	8	223				
Mason	171	8	179				
Mercer	448	14	462	Total	11,806	490	12,296
Mineral	161	4	165				
Mingo	185	1	186				

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All Marriages by Month of Occurrence
West Virginia by County, 2015
Table 69

County	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Barbour	1	3	4	5	7	20	12	7	17	10	5	2	93
Berkeley	20	28	24	38	74	74	46	74	85	84	47	40	634
Boone	6	9	9	11	10	25	18	14	17	16	10	15	160
Braxton	6	8	3	4	9	9	8	11	10	4	2	5	79
Brooke	7	10	3	7	16	14	25	13	11	7	10	9	132
Cabell	40	41	48	56	105	91	67	86	80	94	53	47	808
Calhoun	0	1	2	4	5	4	3	4	8	7	2	4	44
Clay	5	1	3	2	9	7	8	12	4	7	3	5	66
Doddridge	3	6	1	4	7	10	4	3	14	2	4	4	62
Fayette	11	19	27	25	28	32	37	31	40	41	18	16	325
Gilmer	1	0	4	10	3	3	4	8	3	7	2	3	48
Grant	3	4	4	2	4	13	7	9	10	6	3	5	70
Greenbrier	9	5	12	7	27	46	23	21	28	26	16	13	233
Hampshire	1	2	1	8	17	10	13	15	7	17	5	5	101
Hancock	6	12	8	9	12	12	16	26	25	23	3	9	161
Hardy	1	4	6	11	11	18	11	10	13	11	4	1	101
Harrison	16	24	29	27	56	57	51	62	53	57	31	23	486
Jackson	6	15	18	15	15	29	19	24	27	27	6	22	223
Jefferson	5	14	21	29	45	45	19	41	39	53	17	10	338
Kanawha	54	53	67	71	166	131	101	114	126	166	79	66	1,194
Lewis	3	10	5	7	12	12	12	12	14	18	4	7	116
Lincoln	6	4	8	9	17	21	9	9	13	15	5	7	123
Logan	11	15	22	18	30	38	34	28	28	23	28	25	300
McDowell	7	3	2	10	16	15	22	16	10	19	9	6	135
Marion	10	16	19	31	41	51	47	53	51	49	21	19	408
Marshall	8	10	8	11	25	29	24	35	24	22	17	10	223
Mason	5	12	11	18	15	22	26	19	19	14	10	8	179
Mercer	16	27	32	34	48	50	68	45	39	45	23	35	462
Mineral	3	10	7	14	18	17	19	23	19	22	8	5	165
Mingo	13	15	12	10	17	24	14	14	19	25	12	11	186
Monongalia	29	29	39	35	97	80	69	99	71	80	34	33	695
Monroe	3	1	3	3	12	10	11	13	10	6	6	3	81
Morgan	5	5	8	10	13	9	8	10	12	16	0	6	102
Nicholas	3	8	7	8	15	24	21	21	22	15	8	10	162
Ohio	8	17	12	22	50	39	31	42	44	43	16	21	345
Pendleton	0	1	4	0	6	3	6	4	5	6	1	1	37
Pleasants	3	2	2	8	10	8	7	10	5	8	3	1	67
Pocahontas	7	3	1	1	5	9	4	7	7	10	3	1	58
Preston	4	5	6	8	17	37	22	21	19	13	9	8	169
Putnam	14	17	14	22	46	42	46	39	36	42	25	21	364
Raleigh	30	21	23	40	41	52	60	62	54	58	27	30	498
Randolph	5	10	7	16	18	19	20	23	28	20	8	10	184
Ritchie	1	4	2	8	8	3	10	10	15	11	5	6	83
Roane	3	7	6	7	10	13	12	17	15	10	4	8	112
Summers	4	5	3	4	6	6	4	5	13	11	5	3	69
Taylor	1	4	9	2	12	13	9	14	13	14	6	7	104
Tucker	1	1	1	8	7	7	5	9	14	9	0	2	64
Tyler	1	2	2	4	8	3	8	5	8	5	1	2	49
Upshur	5	12	11	10	13	33	17	15	22	25	14	10	187
Wayne	8	13	13	23	20	30	22	19	20	22	12	15	217
Webster	5	3	3	6	6	7	3	5	6	10	2	3	59
Wetzel	3	5	4	5	7	10	8	13	7	16	5	6	89
Wirt	3	2	1	2	3	6	6	8	2	3	3	1	40
Wood	28	32	41	43	69	65	72	69	75	86	38	35	653
Wyoming	5	16	8	9	21	25	20	14	13	13	6	3	153
Total	462	606	650	811	1,385	1,482	1,268	1,393	1,389	1,469	698	683	12,296

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Male-Female Marriages by Month of Occurrence
West Virginia by County, 2015
Table 70

County	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Barbour	1	3	4	5	7	20	12	7	17	10	5	2	93
Berkeley	19	26	24	37	72	73	43	72	83	80	45	37	611
Boone	6	8	8	11	10	25	18	12	17	16	10	13	154
Braxton	6	8	3	4	9	9	8	11	10	4	2	5	79
Brooke	7	10	3	6	16	14	23	13	11	7	10	9	129
Cabell	32	31	42	45	93	79	61	78	78	88	51	45	723
Calhoun	0	1	2	4	5	4	3	4	8	7	2	4	44
Clay	4	1	3	2	9	7	7	12	4	7	3	5	64
Doddridge	3	5	1	3	7	10	4	3	14	2	4	4	60
Fayette	11	17	26	25	28	32	37	31	39	41	17	16	320
Gilmer	1	0	4	10	3	3	4	8	3	7	2	3	48
Grant	3	4	4	2	3	13	7	9	10	6	3	5	69
Greenbrier	9	5	12	6	27	46	21	20	26	26	16	12	226
Hampshire	1	1	1	8	17	10	13	15	7	17	5	5	100
Hancock	5	11	8	8	12	12	16	24	25	22	3	9	155
Hardy	1	4	6	10	11	17	10	9	12	10	4	1	95
Harrison	15	22	27	26	50	54	47	59	52	56	31	23	462
Jackson	6	14	18	13	15	29	19	24	27	26	5	22	218
Jefferson	5	12	21	26	42	45	19	40	36	52	16	8	322
Kanawha	51	48	61	66	155	125	97	108	123	162	75	64	1,135
Lewis	3	10	4	6	11	12	11	12	14	18	4	7	112
Lincoln	4	4	8	9	17	21	9	9	13	15	4	7	120
Logan	11	15	21	18	30	38	34	28	26	21	28	24	294
McDowell	7	3	2	10	15	15	21	16	9	18	9	6	131
Marion	9	14	18	30	40	51	44	53	50	46	20	19	394
Marshall	8	10	8	11	22	27	24	33	24	22	16	10	215
Mason	5	10	11	16	14	21	24	19	19	14	10	8	171
Mercer	15	27	32	33	46	48	65	45	38	42	22	35	448
Mineral	3	7	7	14	17	17	19	23	19	22	8	5	161
Mingo	13	15	12	10	17	23	14	14	19	25	12	11	185
Monongalia	26	26	36	33	92	80	64	98	67	80	30	32	664
Monroe	3	1	3	3	12	10	11	13	10	6	6	3	81
Morgan	5	5	8	9	13	9	6	10	11	16	0	6	98
Nicholas	3	7	6	8	15	24	21	20	22	15	8	10	159
Ohio	6	16	9	19	44	37	30	41	43	40	14	20	319
Pendleton	0	1	4	0	6	3	6	4	5	6	1	1	37
Pleasants	3	2	2	8	10	8	6	10	5	7	3	1	65
Pocahontas	7	3	1	1	5	9	4	7	7	10	3	1	58
Preston	4	5	6	8	17	37	21	20	19	13	8	8	166
Putnam	14	15	13	19	45	41	45	37	34	41	24	21	349
Raleigh	30	20	19	40	41	49	59	61	50	57	27	29	482
Randolph	5	9	6	15	17	18	19	23	28	20	8	9	177
Ritchie	1	4	2	8	8	3	10	10	15	11	5	6	83
Roane	3	7	6	7	10	13	12	16	14	10	4	8	110
Summers	4	5	3	4	6	6	4	5	13	11	5	3	69
Taylor	1	3	9	2	11	13	9	13	13	14	5	7	100
Tucker	1	1	1	8	7	7	5	9	14	9	0	2	64
Tyler	1	2	2	4	8	3	8	5	8	5	1	2	49
Upshur	5	11	9	10	13	32	17	14	22	25	13	9	180
Wayne	7	13	13	23	19	30	22	19	20	22	12	14	214
Webster	5	3	2	6	6	7	3	5	6	10	2	3	58
Wetzel	3	5	4	3	6	10	8	12	7	14	5	6	83
Wirt	3	1	1	2	3	6	6	8	2	3	3	1	39
Wood	25	31	34	38	62	63	67	69	74	81	38	32	614
Wyoming	3	16	8	9	20	25	20	14	13	13	6	3	150
Total	432	558	608	761	1,316	1,443	1,217	1,354	1,355	1,428	673	661	11,806

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Number of Marriages by County
West Virginia, 2011-2015
Table 71

County	2011	2012	2013	2014	2015	County	2011	2012	2013	2014	2015
Barbour	102	120	105	94	93	Monongalia	670	662	663	688	695
Berkeley	608	618	666	631	634	Monroe	66	78	78	75	81
Boone	248	176	183	151	160	Morgan	108	101	104	106	102
Braxton	92	117	79	70	79	Nicholas	257	237	223	192	162
Brooke	162	169	124	133	132	Ohio	340	348	305	339	345
Cabell	631	670	634	765	808	Pendleton	43	46	37	45	37
Calhoun	54	55	46	51	44	Pleasants	64	61	60	54	67
Clay	93	76	67	70	66	Pocahontas	61	54	57	65	58
Doddridge	49	52	35	56	62	Preston	193	210	182	203	169
Fayette	365	373	306	315	325	Putnam	387	348	344	344	364
Gilmer	53	51	45	42	48	Raleigh	621	620	567	524	498
Grant	70	68	71	84	70	Randolph	228	224	205	197	184
Greenbrier	277	268	199	210	233	Ritchie	65	61	54	66	83
Hampshire	136	106	100	98	101	Roane	103	106	115	96	112
Hancock	173	194	205	185	161	Summers	92	82	83	87	69
Hardy	88	96	88	108	101	Taylor	92	121	107	92	104
Harrison	537	471	497	489	486	Tucker	56	68	69	64	64
Jackson	173	209	207	219	223	Tyler	56	43	71	61	49
Jefferson	293	277	325	295	338	Upshur	207	213	199	163	187
Kanawha	1,453	1,367	1,324	1,245	1,194	Wayne	211	234	202	220	217
Lewis	128	117	131	136	116	Webster	93	79	66	71	59
Lincoln	170	144	151	139	123	Wetzel	104	110	112	99	89
Logan	310	281	235	296	300	Wirt	35	28	43	47	40
McDowell	189	205	134	120	135	Wood	639	667	633	635	653
Marion	395	399	381	435	408	Wyoming	190	195	165	158	153
Marshall	229	240	256	243	223						
Mason	197	168	172	168	179						
Mercer	578	525	482	493	462	Total	13,271	12,996	12,382	12,356	12,296
Mineral	172	151	175	156	165						
Mingo	265	237	215	168	186						

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Note: All marriages regardless of gender.

(Incomplete) Divorces and Annulments by County of Occurrence
West Virginia, 2015

Table 72 Insufficient data. Final publication will have complete data.

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(Incomplete) Divorces and Annulments by County of Occurrence
West Virginia, 2011-2015
Table 73

County	2011	2012	2013	2014	2015	County	2011	2012	2013	2014	2015
Barbour	88	72	79	69	N/A	Monongalia	277	241	245	229	N/A
Berkeley	445	476	436	451	N/A	Monroe	45	67	63	60	N/A
Boone	156	142	117	123	N/A	Morgan	81	67	68	62	N/A
Braxton	71	62	65	49	N/A	Nicholas	211	178	179	157	N/A
Brooke	104	104	106	74	N/A	Ohio	139	108	128	123	N/A
Cabell	474	391	422	322	N/A	Pendleton	37	28	23	38	N/A
Calhoun	46	34	40	35	N/A	Pleasants	40	38	40	19	N/A
Clay	71	63	90	52	N/A	Pocahontas	44	44	38	28	N/A
Doddridge	34	33	30	25	N/A	Preston	127	122	130	131	N/A
Fayette	275	289	215	212	N/A	Putnam	308	305	321	257	N/A
Gilmer	29	34	33	27	N/A	Raleigh	477	436	431	429	N/A
Grant	55	54	66	45	N/A	Randolph	98	86	87	78	N/A
Greenbrier	226	187	152	102	N/A	Ritchie	48	54	40	51	N/A
Hampshire	113	104	90	99	N/A	Roane	105	57	73	63	N/A
Hancock	160	160	125	108	N/A	Summers	62	57	74	66	N/A
Hardy	69	66	62	73	N/A	Taylor	107	78	73	76	N/A
Harrison	295	304	300	238	N/A	Tucker	34	26	20	31	N/A
Jackson	145	127	102	86	N/A	Tyler	52	43	50	35	N/A
Jefferson	227	248	217	175	N/A	Upshur	150	138	144	128	N/A
Kanawha	1,061	976	918	902	N/A	Wayne	286	267	235	240	N/A
Lewis	105	100	80	72	N/A	Webster	56	57	51	55	N/A
Lincoln	112	130	134	136	N/A	Wetzel	87	67	71	64	N/A
Logan	228	210	216	184	N/A	Wirt	34	35	30	25	N/A
McDowell	149	133	69	87	N/A	Wood	523	468	479	394	N/A
Marion	249	224	213	239	N/A	Wyoming	144	162	139	135	N/A
Marshall	141	156	139	149	N/A						
Mason	164	121	148	108	N/A						
Mercer	410	426	366	394	N/A	Total	9,620	8,932	8,542	7,785	N/A
Mineral	126	98	102	106	N/A						
Mingo	220	179	178	69	N/A						

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West Virginia Vital Statistics

City-Level Data

Number and Rate of Births by City of Residence
West Virginia, 2015
Table 74

30 Most Populated Cities	2015 Population Estimate*	Resident Births	Rate per 1,000 Population
Beckley	17,056	211	12.4
Bluefield	10,323	120	11.6
Bridgeport	8,359	89	10.6
Buckhannon	5,657	47	8.3
Charles Town	5,899	84	14.2
Charleston	49,736	611	12.3
Clarksburg	16,152	208	12.9
Dunbar	7,659	80	10.4
Elkins	7,226	69	9.5
Fairmont	18,733	235	12.5
Grafton	5,148	58	11.3
Huntington	48,638	547	11.2
Hurricane	6,493	83	12.8
Keyser	5,248	72	13.7
Martinsburg	17,700	272	15.4
Morgantown	30,708	207	6.7
Moundsville	8,710	90	10.3
New Martinsville	5,218	59	11.3
Nitro	6,763	60	8.9
Oak Hill	8,140	89	10.9
Parkersburg	30,991	387	12.5
Point Pleasant	4,276	65	15.2
Princeton	6,035	58	9.6
Ranson	4,941	72	14.6
Saint Albans	10,700	110	10.3
South Charleston	13,045	121	9.3
Vienna	10,573	112	10.6
Weirton	19,175	183	9.5
Weston	4,082	52	12.7
Wheeling	27,648	256	9.3

*Census Population Estimates for Incorporated Places in WV

Source: Population Division, U.S. Census Bureau - Release Date: July 1, 2015

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Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2015
Table 75

Selected Causes of Death	Number and Rate by City					
	Beckley		Bluefield		Bridgeport	
	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	4.7	1	8.3	0	0.0
Total Deaths, All Causes	244	14.3	146	14.1	98	11.7
--Deaths Under One Year	5	23.7	1	8.3	1	11.2
--Deaths Under 28 Days	3	14.2	0	0.0	1	11.2
Tuberculosis	0	0.0	0	0.0	0	0.0
Septicemia	8	46.9	5	48.4	1	12.0
Human Immunodeficiency Virus Infection	2	11.7	0	0.0	0	0.0
Malignant Neoplasms	44	258.0	27	261.6	22	263.2
--of Digestive Organs	9	52.8	9	87.2	6	71.8
----Colon	5	29.3	2	19.4	3	35.9
----Pancreas	1	5.9	1	9.7	1	12.0
--of Respiratory and Intrathoracic Organs	14	82.1	7	67.8	5	59.8
----Trachea, Bronchus and Lung	14	82.1	6	58.1	5	59.8
--of Breast	1	5.9	1	9.7	1	12.0
--of Genitourinary Organs	4	23.5	4	38.7	4	47.9
----Cervix Uteri	0	0.0	0	0.0	0	0.0
----Ovary	1	5.9	1	9.7	0	0.0
----Prostate	2	11.7	0	0.0	0	0.0
----Bladder	1	5.9	1	9.7	1	12.0
--All Other (Malignant Neoplasms)	16	93.8	6	58.1	6	71.8
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	1	5.9	0	0.0	0	0.0
Diabetes Mellitus	5	29.3	6	58.1	3	35.9
Dementia	8	46.9	5	48.4	4	47.9
Alzheimer's Disease	3	17.6	3	29.1	10	119.6
Major Cardiovascular Disease	76	445.6	37	358.4	27	323.0
--Diseases of the Heart	56	328.3	28	271.2	20	239.3
----Ischemic Heart Disease	33	193.5	17	164.7	13	155.5
--Essential Hypertension and Hypertensive Renal Disease	5	29.3	2	19.4	3	35.9
--Cerebrovascular Diseases (Stroke)	14	82.1	7	67.8	4	47.9
--Arteriosclerosis	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	1	5.9	0	0.0	0	0.0
Influenza and Pneumonia	4	23.5	4	38.7	3	35.9
--Influenza	0	0.0	0	0.0	0	0.0
--Pneumonia	4	23.5	4	38.7	3	35.9
Chronic Lower Respiratory Diseases	19	111.4	8	77.5	2	23.9
--Bronchitis, Emphysema and Asthma	3	17.6	0	0.0	0	0.0
Lung Diseases due to External Agents	2	11.7	2	19.4	2	23.9
--Coal Worker's Pneumoconiosis	1	5.9	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	3	17.6	4	38.7	1	12.0
Nephritis, Nephrotic Syndrome and Nephrosis	7	41.0	3	29.1	5	59.8
Congenital Malformations	1	5.9	1	9.7	1	12.0
Ill-Defined and Unknown Causes of Death	2	11.7	7	67.8	1	12.0
Accidents, All Forms	21	123.1	8	77.5	3	35.9
--Motor Vehicle	1	5.9	0	0.0	0	0.0
--Falls	6	35.2	1	9.7	1	12.0
--Drownings	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0
--Poisonings	13	76.2	7	67.8	2	23.9
--Other Accidents	1	5.9	0	0.0	0	0.0
Intentional Self-Harm (Suicide)	3	17.6	0	0.0	4	47.9
Assault (Homicide)	0	0.0	0	0.0	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	1	5.9	1	9.7	0	0.0
All Other Causes (Residual)	34	199.3	25	242.2	9	107.7

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Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2015
Table 75 (Cont'd)

Selected Causes of Death	Number and Rate by City					
	Buckhannon		Charles Town		Charleston	
	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	1	11.9	5	8.2
Total Deaths, All Causes	64	11.3	45	7.6	652	13.1
--Deaths Under One Year	0	0.0	0	0.0	1	1.6
--Deaths Under 28 Days	0	0.0	0	0.0	1	1.6
Tuberculosis	0	0.0	0	0.0	0	0.0
Septicemia	2	35.4	0	0.0	3	6.0
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	2	4.0
Malignant Neoplasms	8	141.4	7	118.7	133	267.4
--of Digestive Organs	2	35.4	0	0.0	44	88.5
----Colon	2	35.4	0	0.0	10	20.1
----Pancreas	0	0.0	0	0.0	14	28.1
--of Respiratory and Intrathoracic Organs	1	17.7	2	33.9	35	70.4
----Trachea, Bronchus and Lung	1	17.7	2	33.9	33	66.4
--of Breast	0	0.0	1	17.0	10	20.1
--of Genitourinary Organs	4	70.7	2	33.9	20	40.2
----Cervix Uteri	0	0.0	0	0.0	1	2.0
----Ovary	1	17.7	1	17.0	4	8.0
----Prostate	1	17.7	0	0.0	3	6.0
----Bladder	1	17.7	1	17.0	3	6.0
--All Other (Malignant Neoplasms)	1	17.7	2	33.9	24	48.3
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	1	17.0	2	4.0
Diabetes Mellitus	2	35.4	1	17.0	22	44.2
Dementia	7	123.7	2	33.9	28	56.3
Alzheimer's Disease	0	0.0	1	17.0	32	64.3
Major Cardiovascular Disease	15	265.2	17	288.2	161	323.7
--Diseases of the Heart	11	194.4	13	220.4	113	227.2
----Ischemic Heart Disease	6	106.1	9	152.6	57	114.6
--Essential Hypertension and Hypertensive Renal Disease	0	0.0	0	0.0	7	14.1
--Cerebrovascular Diseases (Stroke)	4	70.7	4	67.8	37	74.4
--Arteriosclerosis	0	0.0	0	0.0	1	2.0
--Other Diseases of Arteries, Arterioles and Capillaries	0	0.0	0	0.0	3	6.0
Influenza and Pneumonia	0	0.0	0	0.0	6	12.1
--Influenza	0	0.0	0	0.0	1	2.0
--Pneumonia	0	0.0	0	0.0	5	10.1
Chronic Lower Respiratory Diseases	7	123.7	3	50.9	31	62.3
--Bronchitis, Emphysema and Asthma	0	0.0	0	0.0	4	8.0
Lung Diseases due to External Agents	0	0.0	0	0.0	4	8.0
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	1	2.0
Chronic Liver Disease and Cirrhosis	0	0.0	1	17.0	13	26.1
Nephritis, Nephrotic Syndrome and Nephrosis	6	106.1	1	17.0	24	48.3
Congenital Malformations	0	0.0	0	0.0	1	2.0
Ill-Defined and Unknown Causes of Death	0	0.0	0	0.0	14	28.1
Accidents, All Forms	5	88.4	4	67.8	55	110.6
--Motor Vehicle	1	17.7	0	0.0	5	10.1
--Falls	1	17.7	0	0.0	9	18.1
--Drownings	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0
--Poisonings	2	35.4	2	33.9	37	74.4
--Other Accidents	1	17.7	2	33.9	4	8.0
Intentional Self-Harm (Suicide)	1	17.7	2	33.9	17	34.2
Assault (Homicide)	0	0.0	0	0.0	6	12.1
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	2	4.0
All Other Causes (Residual)	11	194.4	5	84.8	96	193.0

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Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2015
Table 75 (Cont'd)

Selected Causes of Death	Number and Rate by City					
	Clarksburg		Dunbar		Elkins	
	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	4.8	0	0.0	0	0.0
Total Deaths, All Causes	212	13.1	124	16.2	93	12.9
--Deaths Under One Year	0	0.0	1	12.5	1	14.5
--Deaths Under 28 Days	0	0.0	1	12.5	1	14.5
Tuberculosis	0	0.0	0	0.0	0	0.0
Septicemia	2	12.4	1	13.1	1	13.8
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	41	253.8	21	274.2	14	193.7
--of Digestive Organs	10	61.9	4	52.2	3	41.5
----Colon	2	12.4	1	13.1	0	0.0
----Pancreas	2	12.4	0	0.0	1	13.8
--of Respiratory and Intrathoracic Organs	15	92.9	11	143.6	5	69.2
----Trachea, Bronchus and Lung	14	86.7	11	143.6	5	69.2
--of Breast	2	12.4	1	13.1	0	0.0
--of Genitourinary Organs	5	31.0	3	39.2	3	41.5
----Cervix Uteri	0	0.0	0	0.0	0	0.0
----Ovary	1	6.2	0	0.0	1	13.8
----Prostate	1	6.2	0	0.0	0	0.0
----Bladder	3	18.6	0	0.0	0	0.0
--All Other (Malignant Neoplasms)	9	55.7	2	26.1	3	41.5
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	6	37.1	3	39.2	4	55.4
Dementia	8	49.5	12	156.7	1	13.8
Alzheimer's Disease	4	24.8	4	52.2	6	83.0
Major Cardiovascular Disease	68	421.0	26	339.5	37	512.0
--Diseases of the Heart	51	315.8	20	261.1	28	387.5
----Ischemic Heart Disease	37	229.1	13	169.7	21	290.6
--Essential Hypertension and Hypertensive Renal Disease	1	6.2	2	26.1	4	55.4
--Cerebrovascular Diseases (Stroke)	11	68.1	2	26.1	3	41.5
--Arteriosclerosis	4	24.8	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	1	6.2	2	26.1	2	27.7
Influenza and Pneumonia	8	49.5	5	65.3	1	13.8
--Influenza	0	0.0	1	13.1	1	13.8
--Pneumonia	8	49.5	4	52.2	0	0.0
Chronic Lower Respiratory Diseases	13	80.5	13	169.7	9	124.6
--Bronchitis, Emphysema and Asthma	0	0.0	1	13.1	0	0.0
Lung Diseases due to External Agents	1	6.2	2	26.1	0	0.0
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	4	24.8	3	39.2	1	13.8
Nephritis, Nephrotic Syndrome and Nephrosis	6	37.1	1	13.1	0	0.0
Congenital Malformations	0	0.0	0	0.0	1	13.8
Ill-Defined and Unknown Causes of Death	8	49.5	0	0.0	2	27.7
Accidents, All Forms	8	49.5	9	117.5	3	41.5
--Motor Vehicle	0	0.0	0	0.0	0	0.0
--Falls	1	6.2	4	52.2	1	13.8
--Drownings	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0
--Poisonings	7	43.3	5	65.3	1	13.8
--Other Accidents	0	0.0	0	0.0	1	13.8
Intentional Self-Harm (Suicide)	3	18.6	3	39.2	1	13.8
Assault (Homicide)	1	6.2	0	0.0	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	1	13.8
All Other Causes (Residual)	31	191.9	21	274.2	11	152.2

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Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2015
Table 75 (Cont'd)

Selected Causes of Death	Number and Rate by City					
	Fairmont		Grafton		Huntington	
	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	4.3	0	0.0	3	5.5
Total Deaths, All Causes	253	13.5	93	18.1	678	13.9
--Deaths Under One Year	2	8.5	0	0.0	7	12.8
--Deaths Under 28 Days	1	4.3	0	0.0	7	12.8
Tuberculosis	0	0.0	0	0.0	0	0.0
Septicemia	4	21.4	1	19.4	5	10.3
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	60	320.3	19	369.1	120	246.7
--of Digestive Organs	21	112.1	2	38.9	30	61.7
----Colon	7	37.4	1	19.4	9	18.5
----Pancreas	4	21.4	0	0.0	9	18.5
--of Respiratory and Intrathoracic Organs	15	80.1	10	194.3	43	88.4
----Trachea, Bronchus and Lung	14	74.7	10	194.3	41	84.3
--of Breast	5	26.7	1	19.4	10	20.6
--of Genitourinary Organs	4	21.4	1	19.4	13	26.7
----Cervix Uteri	0	0.0	0	0.0	0	0.0
----Ovary	0	0.0	0	0.0	0	0.0
----Prostate	0	0.0	0	0.0	5	10.3
----Bladder	0	0.0	0	0.0	2	4.1
--All Other (Malignant Neoplasms)	15	80.1	5	97.1	24	49.3
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	1	19.4	0	0.0
Diabetes Mellitus	10	53.4	0	0.0	17	35.0
Dementia	13	69.4	2	38.9	40	82.2
Alzheimer's Disease	7	37.4	5	97.1	20	41.1
Major Cardiovascular Disease	79	421.7	28	543.9	181	372.1
--Diseases of the Heart	65	347.0	18	349.7	110	226.2
----Ischemic Heart Disease	49	261.6	11	213.7	66	135.7
--Essential Hypertension and Hypertensive Renal Disease	3	16.0	1	19.4	23	47.3
--Cerebrovascular Diseases (Stroke)	8	42.7	0	0.0	41	84.3
--Arteriosclerosis	1	5.3	8	155.4	1	2.1
--Other Diseases of Arteries, Arterioles and Capillaries	2	10.7	1	19.4	6	12.3
Influenza and Pneumonia	4	21.4	3	58.3	10	20.6
--Influenza	1	5.3	0	0.0	1	2.1
--Pneumonia	3	16.0	3	58.3	9	18.5
Chronic Lower Respiratory Diseases	17	90.7	8	155.4	39	80.2
--Bronchitis, Emphysema and Asthma	1	5.3	0	0.0	4	8.2
Lung Diseases due to External Agents	1	5.3	0	0.0	5	10.3
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	3	16.0	1	19.4	15	30.8
Nephritis, Nephrotic Syndrome and Nephrosis	5	26.7	1	19.4	18	37.0
Congenital Malformations	0	0.0	1	19.4	3	6.2
Ill-Defined and Unknown Causes of Death	4	21.4	2	38.9	19	39.1
Accidents, All Forms	11	58.7	5	97.1	74	152.1
--Motor Vehicle	2	10.7	1	19.4	2	4.1
--Falls	5	26.7	2	38.9	13	26.7
--Drownings	0	0.0	0	0.0	1	2.1
--Smoke, Fires and Flames	1	5.3	0	0.0	3	6.2
--Poisonings	0	0.0	2	38.9	51	104.9
--Other Accidents	3	16.0	0	0.0	4	8.2
Intentional Self-Harm (Suicide)	2	10.7	0	0.0	7	14.4
Assault (Homicide)	2	10.7	0	0.0	3	6.2
Injury Undetermined Whether Accidental or Purposely Inflicted	1	5.3	0	0.0	3	6.2
All Other Causes (Residual)	30	160.1	16	310.8	99	203.5

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Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2015
Table 75 (Cont'd)

Selected Causes of Death	Number and Rate by City					
	Hurricane		Keyser		Martinsburg	
	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	0	0.0	3	11.0
Total Deaths, All Causes	67	10.3	62	11.8	207	11.7
--Deaths Under One Year	0	0.0	0	0.0	3	11.0
--Deaths Under 28 Days	0	0.0	0	0.0	2	7.4
Tuberculosis	0	0.0	0	0.0	0	0.0
Septicemia	1	15.4	1	19.1	6	33.9
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	1	5.6
Malignant Neoplasms	14	215.6	14	266.8	43	242.9
--of Digestive Organs	2	30.8	4	76.2	13	73.4
----Colon	0	0.0	1	19.1	2	11.3
----Pancreas	1	15.4	0	0.0	4	22.6
--of Respiratory and Intrathoracic Organs	6	92.4	3	57.2	13	73.4
----Trachea, Bronchus and Lung	6	92.4	3	57.2	13	73.4
--of Breast	0	0.0	1	19.1	2	11.3
--of Genitourinary Organs	2	30.8	2	38.1	6	33.9
----Cervix Uteri	0	0.0	0	0.0	1	5.6
----Ovary	1	15.4	0	0.0	1	5.6
----Prostate	0	0.0	0	0.0	2	11.3
----Bladder	0	0.0	2	38.1	2	11.3
--All Other (Malignant Neoplasms)	4	61.6	4	76.2	9	50.8
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	0	0.0	1	5.6
Diabetes Mellitus	5	77.0	1	19.1	8	45.2
Dementia	2	30.8	3	57.2	8	45.2
Alzheimer's Disease	3	46.2	1	19.1	5	28.2
Major Cardiovascular Disease	17	261.8	22	419.2	59	333.3
--Diseases of the Heart	11	169.4	18	343.0	48	271.2
----Ischemic Heart Disease	6	92.4	10	190.5	30	169.5
--Essential Hypertension and Hypertensive Renal Disease	0	0.0	1	19.1	2	11.3
--Cerebrovascular Diseases (Stroke)	5	77.0	3	57.2	7	39.5
--Arteriosclerosis	1	15.4	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	0	0.0	0	0.0	2	11.3
Influenza and Pneumonia	1	15.4	1	19.1	3	16.9
--Influenza	0	0.0	0	0.0	1	5.6
--Pneumonia	1	15.4	1	19.1	2	11.3
Chronic Lower Respiratory Diseases	3	46.2	4	76.2	10	56.5
--Bronchitis, Emphysema and Asthma	0	0.0	1	19.1	1	5.6
Lung Diseases due to External Agents	2	30.8	1	19.1	1	5.6
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	1	15.4	0	0.0	5	28.2
Nephritis, Nephrotic Syndrome and Nephrosis	0	0.0	1	19.1	5	28.2
Congenital Malformations	0	0.0	0	0.0	1	5.6
Ill-Defined and Unknown Causes of Death	2	30.8	0	0.0	8	45.2
Accidents, All Forms	8	123.2	2	38.1	20	113.0
--Motor Vehicle	1	15.4	0	0.0	1	5.6
--Falls	2	30.8	0	0.0	1	5.6
--Drownings	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	1	5.6
--Poisonings	4	61.6	2	38.1	15	84.7
--Other Accidents	1	15.4	0	0.0	2	11.3
Intentional Self-Harm (Suicide)	1	15.4	0	0.0	4	22.6
Assault (Homicide)	0	0.0	1	19.1	1	5.6
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	3	57.2	2	11.3
All Other Causes (Residual)	7	107.8	7	133.4	16	90.4

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Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2015
Table 75 (Cont'd)

Selected Causes of Death	Number and Rate by City					
	Morgantown		Moundsville		New Martinsville	
	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	0	0.0	0	0.0
Total Deaths, All Causes	149	4.9	141	16.2	80	15.3
--Deaths Under One Year	3	14.5	0	0.0	0	0.0
--Deaths Under 28 Days	2	9.7	0	0.0	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0
Septicemia	3	9.8	2	23.0	2	38.3
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	32	104.2	34	390.4	17	325.8
--of Digestive Organs	8	26.1	7	80.4	3	57.5
----Colon	2	6.5	2	23.0	1	19.2
----Pancreas	2	6.5	0	0.0	0	0.0
--of Respiratory and Intrathoracic Organs	8	26.1	11	126.3	3	57.5
----Trachea, Bronchus and Lung	8	26.1	10	114.8	3	57.5
--of Breast	2	6.5	3	34.4	2	38.3
--of Genitourinary Organs	5	16.3	2	23.0	2	38.3
----Cervix Uteri	0	0.0	0	0.0	0	0.0
----Ovary	2	6.5	1	11.5	0	0.0
----Prostate	0	0.0	0	0.0	1	19.2
----Bladder	1	3.3	1	11.5	1	19.2
--All Other (Malignant Neoplasms)	9	29.3	11	126.3	7	134.2
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	1	3.3	0	0.0	1	19.2
Diabetes Mellitus	2	6.5	4	45.9	1	19.2
Dementia	5	16.3	5	57.4	5	95.8
Alzheimer's Disease	3	9.8	8	91.8	3	57.5
Major Cardiovascular Disease	49	159.6	40	459.2	25	479.1
--Diseases of the Heart	36	117.2	27	310.0	21	402.5
----Ischemic Heart Disease	22	71.6	18	206.7	11	210.8
--Essential Hypertension and Hypertensive Renal Disease	2	6.5	0	0.0	2	38.3
--Cerebrovascular Diseases (Stroke)	11	35.8	12	137.8	2	38.3
--Arteriosclerosis	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	0	0.0	1	11.5	0	0.0
Influenza and Pneumonia	1	3.3	6	68.9	1	19.2
--Influenza	0	0.0	0	0.0	0	0.0
--Pneumonia	1	3.3	6	68.9	1	19.2
Chronic Lower Respiratory Diseases	8	26.1	14	160.7	4	76.7
--Bronchitis, Emphysema and Asthma	1	3.3	0	0.0	0	0.0
Lung Diseases due to External Agents	2	6.5	1	11.5	0	0.0
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	1	3.3	1	11.5	2	38.3
Nephritis, Nephrotic Syndrome and Nephrosis	3	9.8	2	23.0	2	38.3
Congenital Malformations	1	3.3	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	1	3.3	3	34.4	1	19.2
Accidents, All Forms	10	32.6	4	45.9	5	95.8
--Motor Vehicle	1	3.3	2	23.0	2	38.3
--Falls	3	9.8	2	23.0	1	19.2
--Drownings	1	3.3	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0
--Poisonings	3	9.8	0	0.0	2	38.3
--Other Accidents	2	6.5	0	0.0	0	0.0
Intentional Self-Harm (Suicide)	3	9.8	1	11.5	1	19.2
Assault (Homicide)	1	3.3	1	11.5	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	0	0.0
All Other Causes (Residual)	23	74.9	15	172.2	10	191.6

DHHR, Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2017

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

Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2015
Table 75 (Cont'd)

Selected Causes of Death	Number and Rate by City					
	Nitro		Oak Hill		Parkersburg	
	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	0	0.0	1	2.6
Total Deaths, All Causes	103	15.2	128	15.7	446	14.4
--Deaths Under One Year	0	0.0	0	0.0	1	2.6
--Deaths Under 28 Days	0	0.0	0	0.0	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0
Septicemia	2	29.6	3	36.9	16	51.6
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	19	280.9	22	270.3	86	277.5
--of Digestive Organs	2	29.6	8	98.3	20	64.5
----Colon	1	14.8	5	61.4	5	16.1
----Pancreas	1	14.8	2	24.6	3	9.7
--of Respiratory and Intrathoracic Organs	10	147.9	7	86.0	25	80.7
----Trachea, Bronchus and Lung	10	147.9	7	86.0	24	77.4
--of Breast	1	14.8	1	12.3	9	29.0
--of Genitourinary Organs	1	14.8	1	12.3	14	45.2
----Cervix Uteri	0	0.0	0	0.0	0	0.0
----Ovary	0	0.0	0	0.0	1	3.2
----Prostate	1	14.8	0	0.0	6	19.4
----Bladder	0	0.0	1	12.3	2	6.5
--All Other (Malignant Neoplasms)	5	73.9	5	61.4	18	58.1
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	1	12.3	5	16.1
Diabetes Mellitus	5	73.9	6	73.7	18	58.1
Dementia	4	59.1	6	73.7	18	58.1
Alzheimer's Disease	4	59.1	1	12.3	19	61.3
Major Cardiovascular Disease	30	443.6	42	516.0	148	477.6
--Diseases of the Heart	21	310.5	30	368.6	114	367.8
----Ischemic Heart Disease	12	177.4	21	258.0	74	238.8
--Essential Hypertension and Hypertensive Renal Disease	1	14.8	3	36.9	7	22.6
--Cerebrovascular Diseases (Stroke)	7	103.5	8	98.3	22	71.0
--Arteriosclerosis	0	0.0	0	0.0	1	3.2
--Other Diseases of Arteries, Arterioles and Capillaries	1	14.8	1	12.3	4	12.9
Influenza and Pneumonia	2	29.6	0	0.0	9	29.0
--Influenza	0	0.0	0	0.0	0	0.0
--Pneumonia	2	29.6	0	0.0	9	29.0
Chronic Lower Respiratory Diseases	14	207.0	6	73.7	23	74.2
--Bronchitis, Emphysema and Asthma	0	0.0	0	0.0	0	0.0
Lung Diseases due to External Agents	0	0.0	3	36.9	4	12.9
--Coal Worker's Pneumoconiosis	0	0.0	2	24.6	0	0.0
Chronic Liver Disease and Cirrhosis	1	14.8	3	36.9	3	9.7
Nephritis, Nephrotic Syndrome and Nephrosis	2	29.6	1	12.3	11	35.5
Congenital Malformations	0	0.0	0	0.0	6	19.4
Ill-Defined and Unknown Causes of Death	1	14.8	1	12.3	3	9.7
Accidents, All Forms	6	88.7	9	110.6	27	87.1
--Motor Vehicle	1	14.8	2	24.6	4	12.9
--Falls	1	14.8	3	36.9	6	19.4
--Drownings	0	0.0	0	0.0	1	3.2
--Smoke, Fires and Flames	0	0.0	0	0.0	1	3.2
--Poisonings	3	44.4	2	24.6	12	38.7
--Other Accidents	1	14.8	2	24.6	3	9.7
Intentional Self-Harm (Suicide)	3	44.4	2	24.6	4	12.9
Assault (Homicide)	0	0.0	1	12.3	1	3.2
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	0	0.0
All Other Causes (Residual)	10	147.9	21	258.0	45	145.2

DHHR, Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2017

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

Selected Causes of Resident Death: Number and Rate* by City
West Virginia, 2015
Table 75 (Cont'd)

Selected Causes of Death	Number and Rate by City					
	Point Pleasant		Princeton		Ranson	
	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	0	0.0	1	13.9
Total Deaths, All Causes	71	16.6	104	17.2	43	8.7
--Deaths Under One Year	0	0.0	0	0.0	0	0.0
--Deaths Under 28 Days	0	0.0	0	0.0	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0
Septicemia	0	0.0	2	33.1	0	0.0
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	15	350.8	13	215.4	11	222.6
--of Digestive Organs	4	93.5	3	49.7	4	81.0
----Colon	2	46.8	0	0.0	1	20.2
----Pancreas	2	46.8	2	33.1	1	20.2
--of Respiratory and Intrathoracic Organs	2	46.8	3	49.7	4	81.0
----Trachea, Bronchus and Lung	2	46.8	3	49.7	4	81.0
--of Breast	3	70.2	0	0.0	0	0.0
--of Genitourinary Organs	2	46.8	3	49.7	2	40.5
----Cervix Uteri	0	0.0	0	0.0	1	20.2
----Ovary	0	0.0	0	0.0	0	0.0
----Prostate	0	0.0	1	16.6	1	20.2
----Bladder	0	0.0	2	33.1	0	0.0
--All Other (Malignant Neoplasms)	4	93.5	4	66.3	1	20.2
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	1	16.6	0	0.0
Diabetes Mellitus	3	70.2	5	82.9	2	40.5
Dementia	0	0.0	8	132.6	2	40.5
Alzheimer's Disease	3	70.2	1	16.6	0	0.0
Major Cardiovascular Disease	21	491.1	34	563.4	16	323.8
--Diseases of the Heart	18	421.0	22	364.5	13	263.1
----Ischemic Heart Disease	12	280.6	13	215.4	10	202.4
--Essential Hypertension and Hypertensive Renal Disease	0	0.0	2	33.1	1	20.2
--Cerebrovascular Diseases (Stroke)	2	46.8	8	132.6	2	40.5
--Arteriosclerosis	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	1	23.4	2	33.1	0	0.0
Influenza and Pneumonia	1	23.4	2	33.1	0	0.0
--Influenza	0	0.0	1	16.6	0	0.0
--Pneumonia	1	23.4	1	16.6	0	0.0
Chronic Lower Respiratory Diseases	5	116.9	9	149.1	0	0.0
--Bronchitis, Emphysema and Asthma	0	0.0	0	0.0	0	0.0
Lung Diseases due to External Agents	1	23.4	0	0.0	1	20.2
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	1	23.4	2	33.1	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis	1	23.4	4	66.3	2	40.5
Congenital Malformations	0	0.0	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	1	23.4	1	16.6	0	0.0
Accidents, All Forms	3	70.2	7	116.0	4	81.0
--Motor Vehicle	0	0.0	1	16.6	1	20.2
--Falls	1	23.4	1	16.6	0	0.0
--Drownings	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	1	16.6	0	0.0
--Poisonings	2	46.8	2	33.1	3	60.7
--Other Accidents	0	0.0	2	33.1	0	0.0
Intentional Self-Harm (Suicide)	1	23.4	1	16.6	0	0.0
Assault (Homicide)	0	0.0	2	33.1	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	0	0.0
All Other Causes (Residual)	15	350.8	12	198.8	5	101.2

DHHR, Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2017

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Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2015
Table 75 (Cont'd)

Selected Causes of Death	Number and Rate by City					
	Saint Albans		South Charleston		Vienna	
	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	2	16.5	0	0.0
Total Deaths, All Causes	178	16.6	162	12.4	121	11.4
--Deaths Under One Year	0	0.0	0	0.0	1	8.9
--Deaths Under 28 Days	0	0.0	0	0.0	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0
Septicemia	1	9.3	4	30.7	2	18.9
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	38	355.1	21	161.0	30	283.7
--of Digestive Organs	6	56.1	9	69.0	7	66.2
----Colon	1	9.3	3	23.0	3	28.4
----Pancreas	2	18.7	2	15.3	3	28.4
--of Respiratory and Intrathoracic Organs	12	112.1	4	30.7	6	56.7
----Trachea, Bronchus and Lung	11	102.8	4	30.7	6	56.7
--of Breast	2	18.7	2	15.3	4	37.8
--of Genitourinary Organs	5	46.7	1	7.7	4	37.8
----Cervix Uteri	0	0.0	0	0.0	0	0.0
----Ovary	1	9.3	0	0.0	1	9.5
----Prostate	3	28.0	0	0.0	0	0.0
----Bladder	0	0.0	0	0.0	0	0.0
--All Other (Malignant Neoplasms)	13	121.5	5	38.3	9	85.1
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	0	0.0	1	9.5
Diabetes Mellitus	9	84.1	8	61.3	2	18.9
Dementia	11	102.8	11	84.3	6	56.7
Alzheimer's Disease	10	93.5	8	61.3	4	37.8
Major Cardiovascular Disease	43	401.9	37	283.6	31	293.2
--Diseases of the Heart	30	280.4	29	222.3	18	170.2
----Ischemic Heart Disease	17	158.9	21	161.0	10	94.6
--Essential Hypertension and Hypertensive Renal Disease	3	28.0	3	23.0	2	18.9
--Cerebrovascular Diseases (Stroke)	9	84.1	3	23.0	9	85.1
--Arteriosclerosis	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	1	9.3	2	15.3	2	18.9
Influenza and Pneumonia	4	37.4	3	23.0	4	37.8
--Influenza	0	0.0	1	7.7	0	0.0
--Pneumonia	4	37.4	2	15.3	4	37.8
Chronic Lower Respiratory Diseases	11	102.8	17	130.3	7	66.2
--Bronchitis, Emphysema and Asthma	0	0.0	3	23.0	0	0.0
Lung Diseases due to External Agents	2	18.7	4	30.7	0	0.0
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	3	28.0	2	15.3	1	9.5
Nephritis, Nephrotic Syndrome and Nephrosis	9	84.1	11	84.3	3	28.4
Congenital Malformations	1	9.3	1	7.7	1	9.5
Ill-Defined and Unknown Causes of Death	2	18.7	2	15.3	5	47.3
Accidents, All Forms	10	93.5	14	107.3	4	37.8
--Motor Vehicle	1	9.3	0	0.0	1	9.5
--Falls	2	18.7	4	30.7	1	9.5
--Drownings	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0
--Poisonings	7	65.4	10	76.7	2	18.9
--Other Accidents	0	0.0	0	0.0	0	0.0
Intentional Self-Harm (Suicide)	1	9.3	3	23.0	1	9.5
Assault (Homicide)	2	18.7	0	0.0	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	0	0.0
All Other Causes (Residual)	21	196.3	16	122.7	19	179.7

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Health Statistics Center, Vital Statistics System, 2017

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Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2015
Table 75 (Cont'd)

Selected Causes of Death	Number and Rate by City					
	Weirton		Weston		Wheeling	
	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	0	0.0	1	3.9
Total Deaths, All Causes	283	14.8	53	13.0	382	13.8
--Deaths Under One Year	2	10.9	1	19.2	2	7.8
--Deaths Under 28 Days	2	10.9	1	19.2	2	7.8
Tuberculosis	0	0.0	0	0.0	0	0.0
Septicemia	7	36.5	3	73.5	2	7.2
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	1	3.6
Malignant Neoplasms	50	260.8	12	294.0	75	271.3
--of Digestive Organs	10	52.2	1	24.5	17	61.5
----Colon	5	26.1	0	0.0	8	28.9
----Pancreas	3	15.6	0	0.0	2	7.2
--of Respiratory and Intrathoracic Organs	21	109.5	7	171.5	24	86.8
----Trachea, Bronchus and Lung	21	109.5	7	171.5	23	83.2
--of Breast	3	15.6	1	24.5	2	7.2
--of Genitourinary Organs	6	31.3	2	49.0	7	25.3
----Cervix Uteri	0	0.0	0	0.0	0	0.0
----Ovary	0	0.0	0	0.0	2	7.2
----Prostate	3	15.6	0	0.0	2	7.2
----Bladder	2	10.4	0	0.0	2	7.2
--All Other (Malignant Neoplasms)	10	52.2	1	24.5	25	90.4
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	1	5.2	1	24.5	3	10.9
Diabetes Mellitus	13	67.8	3	73.5	20	72.3
Dementia	20	104.3	1	24.5	18	65.1
Alzheimer's Disease	8	41.7	0	0.0	10	36.2
Major Cardiovascular Disease	81	422.4	18	441.0	111	401.5
--Diseases of the Heart	67	349.4	13	318.5	78	282.1
----Ischemic Heart Disease	39	203.4	12	294.0	46	166.4
--Essential Hypertension and Hypertensive Renal Disease	2	10.4	0	0.0	4	14.5
--Cerebrovascular Diseases (Stroke)	9	46.9	5	122.5	24	86.8
--Arteriosclerosis	1	5.2	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	2	10.4	0	0.0	5	18.1
Influenza and Pneumonia	18	93.9	0	0.0	19	68.7
--Influenza	0	0.0	0	0.0	1	3.6
--Pneumonia	18	93.9	0	0.0	18	65.1
Chronic Lower Respiratory Diseases	18	93.9	5	122.5	25	90.4
--Bronchitis, Emphysema and Asthma	0	0.0	1	24.5	2	7.2
Lung Diseases due to External Agents	0	0.0	0	0.0	4	14.5
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	5	26.1	3	73.5	10	36.2
Nephritis, Nephrotic Syndrome and Nephrosis	3	15.6	1	24.5	3	10.9
Congenital Malformations	0	0.0	0	0.0	1	3.6
Ill-Defined and Unknown Causes of Death	14	73.0	1	24.5	2	7.2
Accidents, All Forms	16	83.4	1	24.5	26	94.0
--Motor Vehicle	1	5.2	0	0.0	0	0.0
--Falls	4	20.9	0	0.0	13	47.0
--Drownings	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0
--Poisonings	10	52.2	1	24.5	9	32.6
--Other Accidents	1	5.2	0	0.0	4	14.5
Intentional Self-Harm (Suicide)	3	15.6	0	0.0	4	14.5
Assault (Homicide)	0	0.0	0	0.0	1	3.6
Injury Undetermined Whether Accidental or Purposely Inflicted	1	5.2	0	0.0	0	0.0
All Other Causes (Residual)	25	130.4	4	98.0	47	170.0

DHHR, Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2017

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West Virginia Vital Statistics

Appendix A:
ICD-10 Codes

APPENDIX A
GROUPINGS OF ICD-10 CODES

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



West Virginia Vital Statistics

Appendix B:
Methodology,
Rates/Ratios
and Definitions

APPENDIX B METHODOLOGY

Data used to prepare this report are taken from birth and death certificates, fetal death reports, marriage applications, divorce reports, Induced Terminations of Pregnancy (ITOP) and paternity affidavits occurring in calendar year 2015 and filed in the state office of vital statistics prior to February 18, 2015. Vital events occurring to West Virginia residents in other states and tabulated by June 1, 2015, 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, 290 births occurred within the geographic confines of Nicholas County of which only so many were to mothers who reside in Nicholas County; the remainder resides in other counties or states. Resident births for the county for 2015 totaled 272 which include 153 births that occurred in Nicholas County and 119 births to Nicholas County residents that occurred elsewhere. With the exception of Tables 11, 12, 13, 14, 16, 52 and Exhibit 9, natality data presented in this report are based on place of residence and resident populations are used to calculate rates.

With the exception of Table 19 and the second page of Table 60, mortality data are similarly reported by place of residence.

Statistical Variation

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

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

Geographic Classification

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

APPENDIX B (Cont'd)

Cause of Death Classification

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

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

In several tables, individual causes of death have been grouped into important selected causes of death. See Appendix A, Page 162, "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 2015 population estimated figures from the U.S. Department of Commerce, Bureau of the Census. This can be found on the Internet at www.census.gov/popest/data/index.html. Detailed population figures are stored under American FactFinder.

Forms

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

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

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

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

APPENDIX B (Cont'd)

RATES AND RATIOS

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

Rates used in this report are calculated with the estimated 2012 population figures from the U.S. Department of Commerce, Bureau of the Census.

Birth Rate (Crude) =	$\frac{\text{Number of live births}}{\text{Population}}$	X	1,000
Fertility Rate =	$\frac{\text{Number of live births to women aged 15-44}}{\text{Number of women aged 15-44}}$	X	1,000
Teenage Fertility Rate =	$\frac{\text{Number of live births to women aged 15-19}}{\text{Number of women aged 15-19}}$	X	1,000
Death Rate (Crude) =	$\frac{\text{Number of deaths}}{\text{Population}}$	X	1,000
Cause of Death Rate =	$\frac{\text{Number of deaths from a stated cause}}{\text{Population}}$	X	100,000
Infant Death Rate =	$\frac{\text{Number of infant deaths}}{\text{Number of live births}}$	X	1,000
Neonatal Death Rate =	$\frac{\text{Number of neonatal deaths}}{\text{Number of live births}}$	X	1,000
Fetal Death Ratio =	$\frac{\text{Number of fetal deaths}}{\text{Number of live births}}$	X	1,000
Maternal Death Rate =	$\frac{\text{Number of maternal deaths}}{\text{Number of live births}}$	X	100,000

APPENDIX B (Cont'd)

DEFINITIONS

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX B (Cont'd)

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

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

MALE-FEMALE MARRIAGE – For the purpose of this publication and reporting of marriages, where the groom is actually a male who is marrying a female bride.

SAME-SEX MARRIAGE – For the purpose of this publication and reporting of marriages, where both partners are of the same sex; male is marrying another male, female is marrying another female.



West Virginia Vital Statistics

Appendix C:

Grams Conversion

APPENDIX C

Converting Pounds/Ounces into Grams

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

DHHR, Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2017