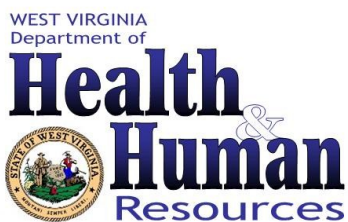


West Virginia Vital Statistics 2010



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

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

SIXTY-FOURTH ANNUAL REPORT

WEST VIRGINIA
VITAL STATISTICS
2010



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FOREWORD

West Virginia Vital Statistics 2010 publication provides an in-depth look at births, deaths, marriages and divorces that occurred among state residents in 2010. Beginning with the 2008 edition state, county and city sections are presented separately. For example, a table on county-level birth data which was previously in the birth section is now located in the county section beginning on page 103. Please see the Table of Contents for further reference.

West Virginia had a natural decrease in population (excess of deaths over births) for the third year in a row. West Virginia rose in overall population between 2009 and 2010 with 41 of the 55 counties gaining population.

The number of total births decreased (21,275 to 20,471) from 2009 to 2010 and the births to teenage mothers decreased as well. Births to unmarried mothers continued to rise; over two out of every five births in 2010 occurred out of wedlock.

Of the women who gave birth in 2010, 83.1% received prenatal care during the first trimester of pregnancy while 26.2% smoked during pregnancy. The percentage of low birthweight babies stayed the same from 2009 to 2010 at 9.2%. In 2010, 36.5% of all babies were delivered by Cesarean section. The infant death rate dropped from 7.8 per 1,000 live births in 2009 to 7.3 in 2010.

The number of deaths decreased by 107 in 2010. The average age at death for West Virginians was 68.8 for men and 75.5 for women. Heart disease, cancer, chronic lower respiratory disease and accidents were the four leading causes of death, accountable for 57.9% of all deaths in West Virginia. Motor vehicle traffic accident deaths decreased by 55 in 2010, from 368 to 313. Marriages increased for the first time since 2007, from 12,468 in 2009 to 12,662. Divorces slightly increased from 9,420 in 2009 to 9,431 in 2010.

Induced termination of pregnancy (ITOP) or induced abortion was added to our annual report beginning in 2005. This section contains data of those terminations performed in West Virginia only. There were 1,999 ITOPs performed in the state in 2010 compared with 1,772 in 2009. In 2010, 127 of these procedures involved a minor under the age of 18 compared with 110 in 2009.

Among the unmarried mothers giving birth in West Virginia, a father was established through a paternity affidavit in 71.5% of these births, which is slightly higher than the 2009 percentage of 71.2%.

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

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

2010 West Virginia and United States Vital Statistics Review

	West Virginia		United States***	
	Number	Rate*	Number	Rate*
Live Births	20,471	11.0	3,999,386	13.0
Deaths	21,278	11.5	2,465,936	8.0
Fetal Deaths	83	**4.1	N/A	N/A
Neonatal Deaths	82	**4.0	16,167	**4.0
Infant Deaths	150	**7.3	24,548	**6.1
Marriages	12,662	6.8	2,096,000	6.8
Divorces & Annulments	9,431	5.1	872,000	2.8
Natural Increase (Decrease)	(807)	-0.4	1,533,450	5.0
Population (2010 Census)	1,852,994		308,745,538	

*Rates based on 2010 U.S. Census Bureau population.

<http://census.gov/2010census/data/> (followed by the link to American FactFinder for more detailed characteristics).

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

***National Center for Health Statistics.

(Births) *National Vital Statistics Report*.

http://www.cdc.gov/nchs/data/nvsr/nvsr61/nvsr61_01.pdf

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

http://www.cdc.gov/nchs/data/nvsr/nvsr60/nvsr60_04.pdf

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

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

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

Selected Records and Trivia West Virginia, 2010

Nativity

Oldest Father: 70	Oldest Mother: 47
Youngest Father: 14	Youngest Mother: 13
Highest Live Birth Order: 10 th Delivery – 9 siblings (brothers and sisters)	
Day Most Births Occurred: September 21 (96)	
Day Fewest Births Occurred: December 25 (17)	
Number of Live Born Twins: 595	
Number of Live Born Triplets: 15	

Most Popular Names for Babies

<u>Boys' Names</u>	<u>Number</u>	<u>Girls' Names</u>	<u>Number</u>
Jacob	167	Isabella	155
Mason	131	Emma	124
Noah	116	Madison	121
Landon	109	Abigail	116
Logan	107	Addison	105
Ethan	104	Alexis	97
Aiden	102	Olivia	96
James	101	Sophia	96
Hunter	96	Chloe	90
Brayden	96	Ava	85

Mortality

Oldest Male Decedent: 104	Oldest Female Decedent: 109
Number of Male Decedents 100 Yrs. & Older: 22	
Number of Female Decedents 100 Yrs. & Older: 106	
Day Most Deaths Occurred: February 6 (84)	
Day Fewest Deaths Occurred: June 5 and June 29 (40)	

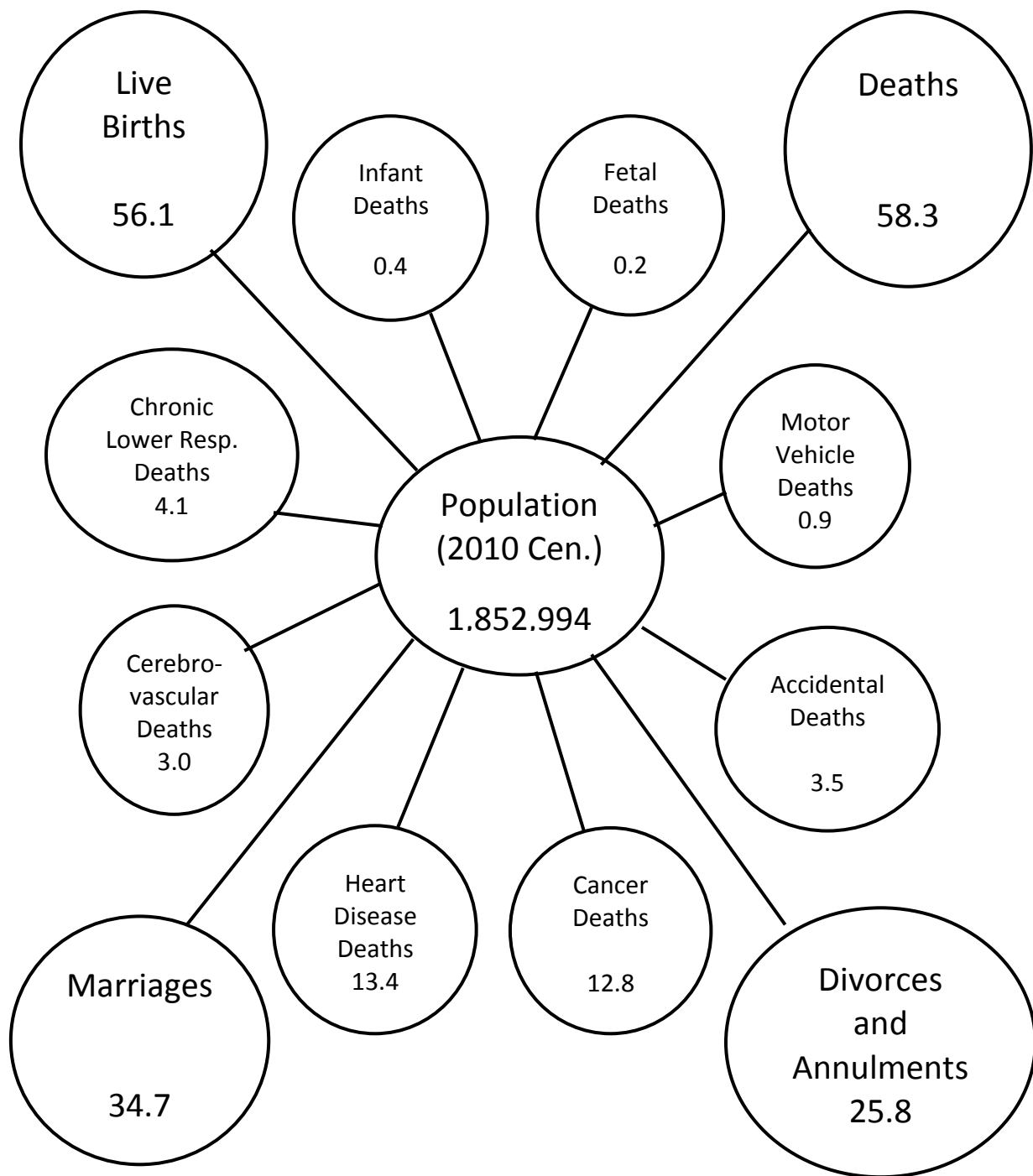
Marriage

Oldest Groom: 90	Oldest Bride: 90
Youngest Groom: 16	Youngest Bride: 14
Largest Age Difference with Bride Older: 37 Years	
Largest Age Difference with Groom Older: 53 Years	

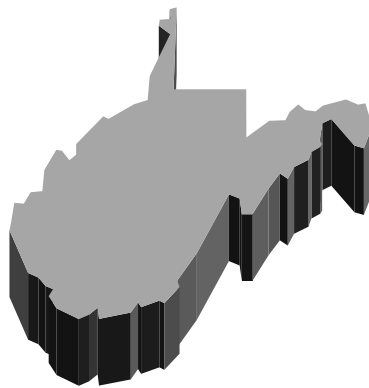
Divorce

Oldest Male Divorcé: 90	Oldest Female Divorcée: 88
Youngest Male Divorcé: 18	Youngest Female Divorcée: 16
Marriage of Longest Duration Ending in Divorce: 64 Years	

Average Day Statistics West Virginia, 2010



West Virginia Bureau for Public Health
Health Statistics Center, 2013



West Virginia Vital Statistics

Population

Population Summary

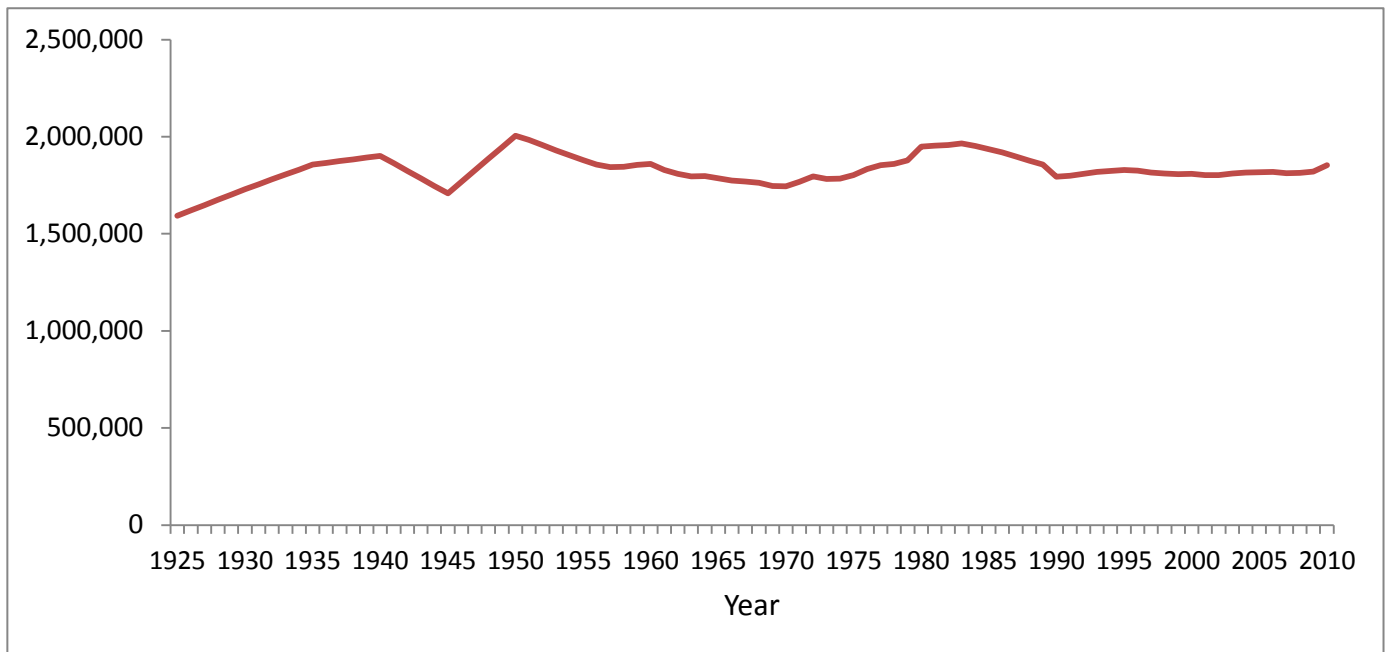
In 2010, 807 West Virginians were lost to the total population as a result of natural decrease, the excess of deaths over births. The 2010 Census shows an overall increase (approximately 2.5%) in the state's population since 2000, from 1,808,344 to 1,852,994. This increase is the result of a slight growth in the excess of immigration over outmigration during that span, as well as the natural increase.

Although there was an increase in the overall population from 2000 to 2010, slightly under half (24) of the state's 55 counties have shown an increase. Furthermore, twelve (12) of the state's 30 largest cities have shown an increase in population since the 2000 Census.

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

West Virginia Population, 1925-2010

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%

West Virginia Population by County, 2000 and 2010

Table 1

County	2000	2010	County	2000	2010
Barbour	15,557	16,589	Monongalia	81,866	96,189
Berkeley	75,905	104,169	Monroe	14,583	13,502
Boone	25,535	24,629	Morgan	14,943	17,541
Braxton	14,702	14,523	Nicholas	26,562	26,233
Brooke	25,447	24,069	Ohio	47,427	44,443
Cabell	96,784	96,319	Pendleton	8,196	7,695
Calhoun	7,582	7,627	Pleasants	7,514	7,605
Clay	10,330	9,386	Pocahontas	9,131	8,719
Doddridge	7,403	8,202	Preston	29,334	33,520
Fayette	47,579	46,039	Putnam	51,589	55,486
Gilmer	7,160	8,693	Raleigh	79,220	78,859
Grant	11,299	11,937	Randolph	28,262	29,405
Greenbrier	34,453	35,480	Ritchie	10,343	10,449
Hampshire	20,203	23,964	Roane	15,446	14,926
Hancock	32,667	30,676	Summers	12,999	13,927
Hardy	12,669	14,025	Taylor	16,089	16,895
Harrison	68,652	69,099	Tucker	7,321	7,141
Jackson	28,000	29,211	Tyler	9,592	9,208
Jefferson	42,190	53,498	Upshur	23,404	24,254
Kanawha	200,073	193,063	Wayne	42,903	42,481
Lewis	16,919	16,372	Webster	9,719	9,154
Lincoln	22,108	21,720	Wetzel	17,693	16,583
Logan	37,710	36,743	Wirt	5,873	5,717
McDowell	27,329	22,113	Wood	87,986	86,956
Marion	56,598	56,418	Wyoming	25,708	23,796
Marshall	35,519	33,107			
Mason	25,957	27,324			
Mercer	62,980	62,264	WV Total	1,808,344	1,852,994
Mineral	27,078	28,212			
Mingo	28,253	26,839			

Distribution by Gender, Age and Race
Table 2

Characteristic	2000 Census		2010 Census	
	Number	Percent	Number	Percent
<u>Total</u>	1,808,344	100.0%	1,852,994	100.0%
<u>Gender</u>				
Male	879,170	48.6%	913,586	49.3%
Female	929,174	51.4%	939,408	50.7%
<u>Age</u>				
Less than 5 Years	101,805	5.6%	104,060	5.6%
5-17 Years	300,588	16.6%	283,358	15.3%
18-44 Years	673,774	37.3%	627,191	33.8%
45-64 Years	455,282	25.2%	540,981	29.2%
65 Years and Older	276,895	15.3%	297,404	16.0%
<u>Race</u>				
White or Caucasian	1,718,777	95.0%	1,739,988	93.9%
Black or African American	57,232	3.2%	63,124	3.4%
Asian/Pacific Islander	9,834	0.5%	12,834	0.7%
American Indian, Eskimo and Aleutian Islander	3,606	0.2%	3,787	0.2%
All Other Races	18,895	1.0%	33,261	1.8%
<u>Hispanic Origin*</u>	12,279	0.7%	22,268	1.2%

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

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

Table 3

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

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

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

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

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

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

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

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

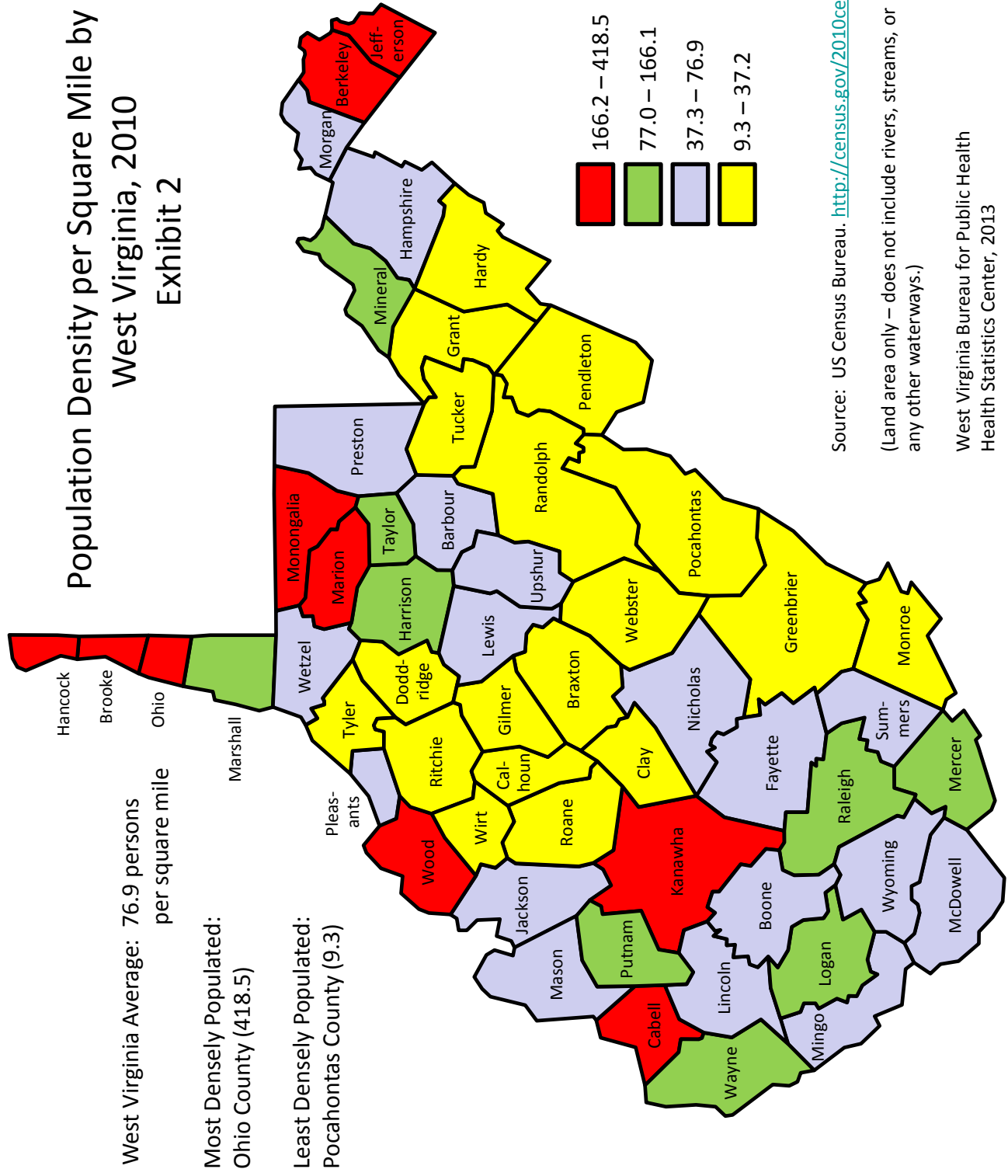
County	Less Than 1 Year	1-4 Years	5-14 Years	15-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years	Total
Barbour	85	360	942	1,137	915	1,061	1,245	1,156	788	489	221	8,399
Berkeley	664	2,945	7,211	6,221	7,119	7,664	7,830	6,408	3,718	1,996	690	52,466
Boone	149	590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

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

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

Population Density per Square Mile by County West Virginia, 2010 Exhibit 2

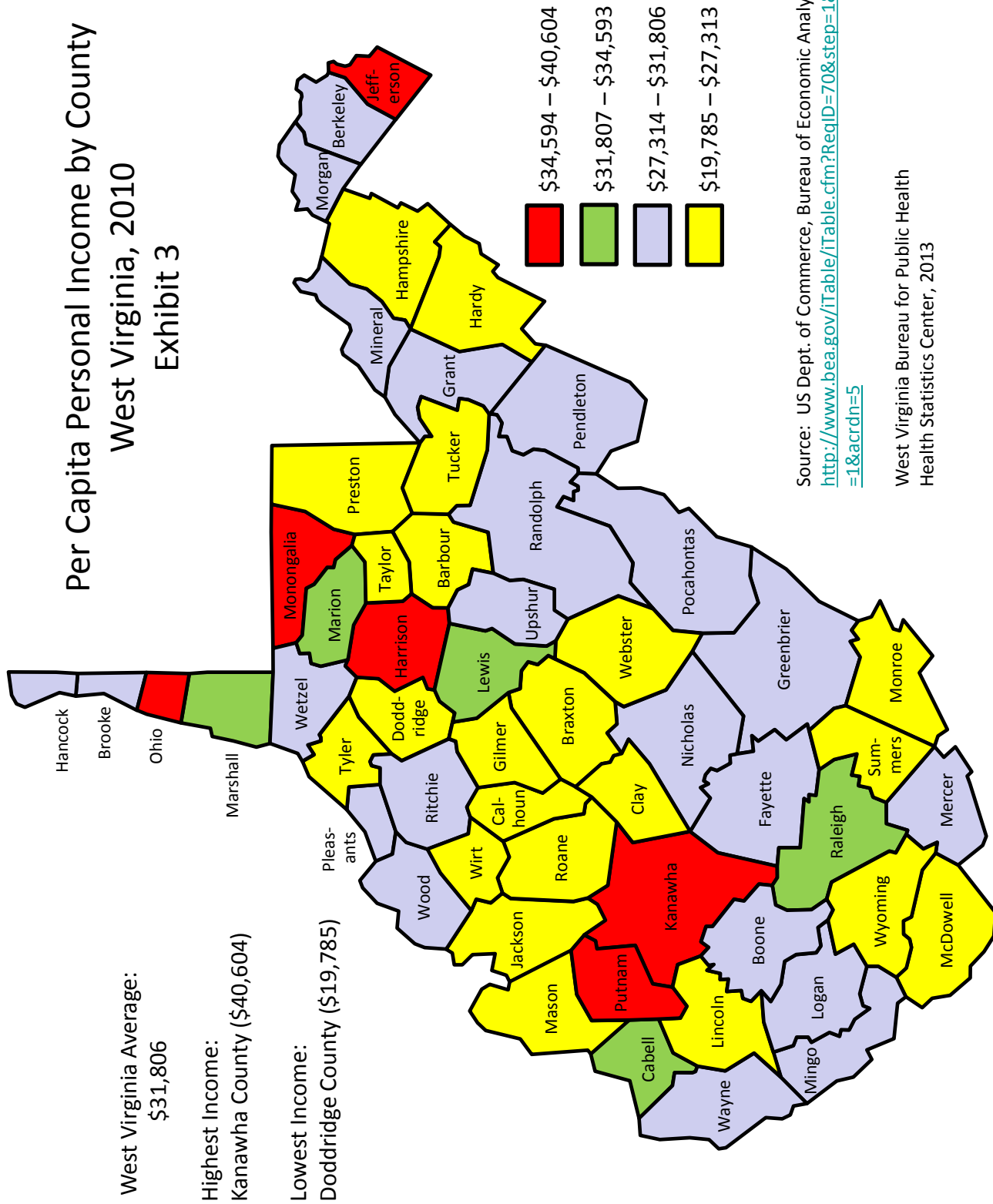


Source: US Census Bureau. <http://census.gov/2010census/data/>

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

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Per Capita Personal Income by County West Virginia, 2010 Exhibit 3



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

West Virginia Bureau for Public Health
 Health Statistics Center, 2013

Births, Deaths, Natural Increase or Decrease and Net Migration
West Virginia Population, 1950-2010
Table 4

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

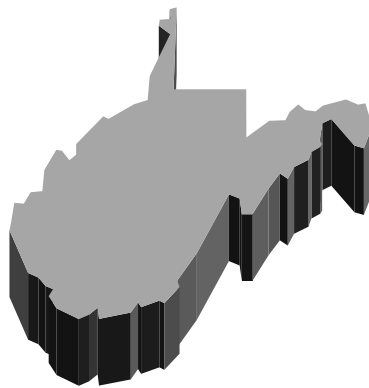
a. Enumerated as of April 1 of the specified year. (US Department of Commerce, Bureau of the Census)

b. Source of data 1950 through 1959: US Department of Health, Education and Welfare, Public Health Service, Vital Statistics Rates of the United States, 1940-1960.

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

d. Source of data 1991 through 1999: Regional Research Institute, WVU and US Bureau of the Census.

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



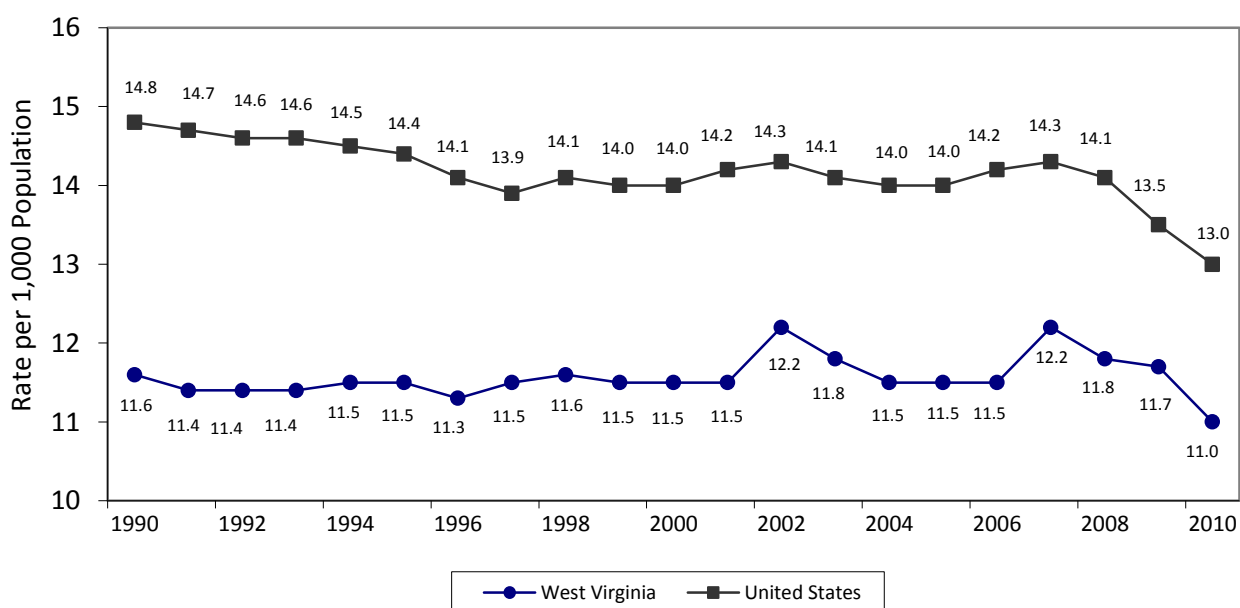
West Virginia Vital Statistics

Births

Birth Summary

West Virginia's resident live births decreased by 804 or 3.9%, from 21,275 in 2009 to 20,471 in 2010. The 2010 birth rate decreased 6.0%, from 11.7 per 1,000 population in 2009 to 11.0. The U.S. 2010 birth rate was 13.0 live births per 1,000 population, decreasing 3.7% from the 2009 rate of 13.5. 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 and 2008 with a slight increase in 2007.

West Virginia and United States Birth Rates
1990-2010



The 2010 U.S. fertility rate of 64.1 live births per 1,000 women aged 15-44 was lower (3.9%) than the 2009 rate (66.7). West Virginia's fertility rate decreased 3.1%, from 61.8 in 2009 to 59.9 in 2010. A comparison of West Virginia and United States age-specific fertility rates is displayed below:

Fertility Rates* by Age Group West Virginia and United States, 2010					
15-19		20-44		Total (15-44)	
WV	U.S.**	WV	U.S.**	WV	U.S.**
44.6	34.2	62.8	70.1	59.9	64.1

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

**National Center for Health Statistics, http://www.cdc.gov/nchs/data/nvsr/nvsr61/nvsr61_01.pdf

The fertility rate among women aged 15-19 in West Virginia was 30.4% higher than that among young women in the U.S. (44.6 vs. 34.2). The fertility rate among women aged 20-44 was lower by 10.4% in the state than in the nation (62.8 vs. 70.1).

The number of births to teen mothers (ages 10-19) decreased by 234 (8.2%), from 2,850 in 2009 to 2,616 in 2010. The percentage of total births represented by teen births was lower in 2010 than 2009 (12.8% vs. 12.9%). 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 (9.3% in 2010).

The percentage of births occurring out of wedlock continued to rise in 2010. More than two of every five (43.9%) West Virginia resident births were to unwed mothers. The percentages of white and black births that occurred out of wedlock in West Virginia in 2010 were 43.0% and 73.7%, respectively, compared to 42.3% and 78.0% in 2009. In the United States in 2010, 29.0% of births to white mothers (non-Hispanic) and 72.5% of births to black mothers (non-Hispanic) occurred out of wedlock. The percentage of teen births to unmarried teen mothers in the state also increased from 81.2% in 2009 to 83.2% in 2010.

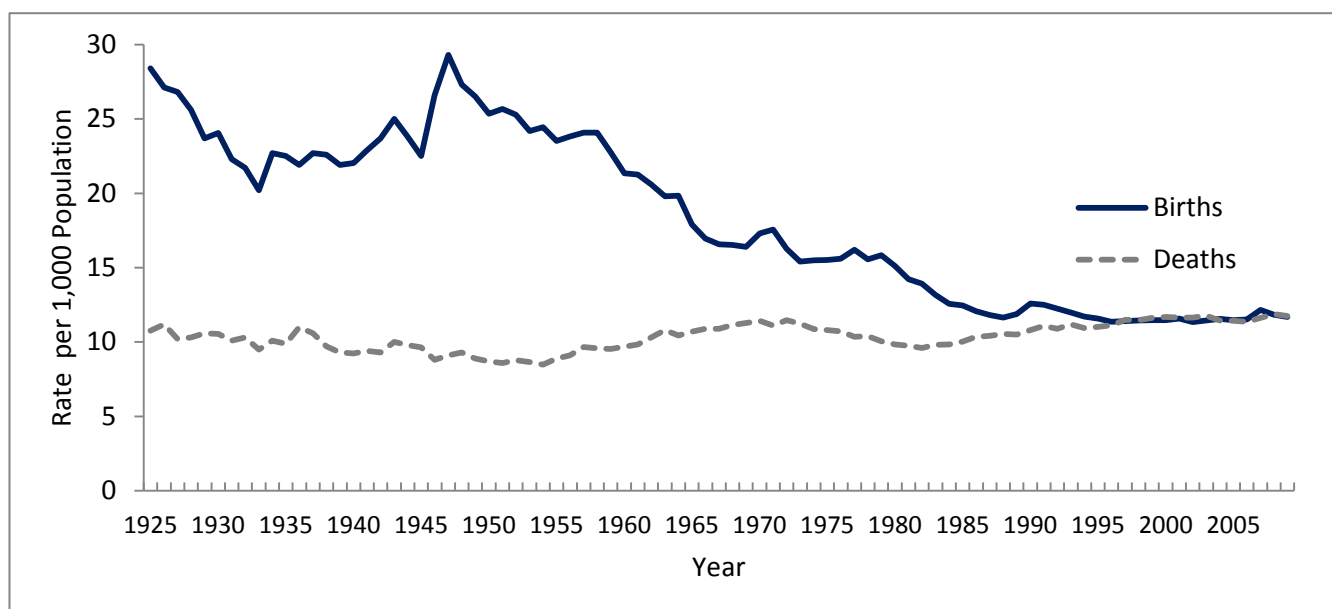
There was a total of 1,882 low birthweight babies (those weighing less than 2,500 grams or 5½ pounds) born to West Virginia residents in 2010, 9.2% of all births. Of the 1,882 low birthweight infants, 1,218 or 56.2% were preterm babies born before 37 weeks of gestation. (Of all 2010 resident births with a known gestational age, 10.6% were preterm babies.) Of all births with a known birthweight, 9.0% of babies born to white mothers and 15.2% of babies born to black mothers were low birthweight. Nationally, 8.1% of all infants weighed less than 2,500 grams at birth in 2010; 7.1% of births to white mothers and 13.2% of births to black mothers were of low birthweight.

In 2010, 83.1% 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 data available). Among those with known prenatal care, 83.5% of white mothers began care during the first trimester; 73.5% of black mothers did so. (U.S. figures show that 88.1% of white mothers and 76.1% of black mothers had first trimester care.) No prenatal care was received by 0.6% of both white and black mothers.

Over one-fourth (26.3%) of the births in 2010 were to mothers who smoked during their pregnancies, while 0.4% of births were to women who reported using alcohol. National figures from 2007 show that 10.4% of women giving birth reported smoking during pregnancy; 0.8% used alcohol in 2004 (the latest data available). Among the state mothers who reported smoking during pregnancy, 13.7% of the babies born were low birthweight, compared with 7.6% among non-smoking mothers. Over one-third (36.5%) of 2010 state births were delivered by Cesarean section, compared with a national rate of 32.8%. One or more complications of labor and/or delivery were reported for 33.2% of deliveries in the state in 2010.

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 Kentucky, 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 an Kentucky occurrence.

Number and Rate of Resident Births (Compared to Deaths)
West Virginia, 1925-2010
Exhibit 4



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

Summary Totals
West Virginia Resident Births, 2010
Table 5

Characteristic	Number	Percent	Characteristic	Number	Percent
Total	20,471	100.0%	<u>Mother's Marital Status</u>		
<u>Gender</u>			White or Caucasian	11,057	57.0%
Male	10,294	50.3%	Married	8,340	43.0%
Female	10,177	49.7%	Not Married	19	
Unknown	0		Unknown		
<u>Race of Mother</u>			Black or African American	193	26.3%
White or Caucasian	19,416	95.0%	Married	541	73.7%
Black or African American	736	3.6%	Not Married	2	
All Other Races	293	1.4%	Unknown		
Unknown	26		All Other Races	208	71.0%
<u>Attendant at Birth</u>			Married	85	29.0%
Physician	17,556	86.6%	Not Married	0	
Certified Nurse Midwife	2,533	12.5%	Unknown		
Certified Professional Midwife	37	0.2%	Unknown	15	78.9%
Lay Midwife	43	0.2%	Married	4	21.1%
EMT/Paramedic	4	0.0%	Not Married	7	
Other	90	0.4%	Unknown		
Unknown	208		<u>Method of Delivery</u>		
<u>Place of Birth</u>			Vaginal	12,321	61.7%
Hospital	20,305	99.3%	Vaginal after Previous Cesarean Section	366	1.8%
Home	105	0.5%	Cesarean Section	7,290	36.5%
Freestanding Birthing Center	26	0.1%	Primary	4,219	21.1%
En Route to Hospital	7	0.0%	Repeat	3,071	15.4%
Doctor's Office	0	0.0%	One or More Reported Factors		
Other Specified Address (Not Home)	4	0.0%	Medical Risk Factors	9,092	44.9%
Unknown	23		Complications of Labor and/or Delivery	6,745	33.2%
<u>Mother's Smoking Status</u>			Congenital Malformations	382	1.9%
Smoked During Pregnancy	5,361	26.3%	Abnormal Conditions of the Newborn	1,841	9.1%

West Virginia Bureau for Public Health
Health Statistics Center, 2013

Percentages are calculated excluding unknown.

Birthweight by Age of Mother
West Virginia Resident Births, 2010
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	12	43	39	23	7	2	1	0	131
1,000 - 1,499 Grams (2.205 - 3.305 lbs.)	0	1	23	34	35	23	19	6	1	0	142
1,500 - 1,999 Grams (3.307 - 4.407 lbs.)	0	9	26	100	80	67	32	16	2	0	332
2,000 - 2,499 Grams (4.409 - 5.509 lbs.)	3	53	118	405	328	238	102	26	4	0	1,277
2,500 - 2,999 Grams (5.512 - 6.612 lbs.)	1	155	464	1,347	1,049	688	272	58	10	1	4,045
3,000 - 3,499 Grams (6.614 - 7.714 lbs.)	11	285	773	2,551	2,253	1,363	560	125	11	0	7,932
3,500 - 3,999 Grams (7.716 - 8.816 lbs.)	5	154	408	1,434	1,590	1,068	394	98	10	1	5,162
4,000 - 4,499 Grams (8.819 - 9.919 lbs.)	1	28	68	302	388	305	115	19	1	0	1,227
4,500 or more Grams (9.921 or more lbs.)	0	1	13	47	54	52	26	11	0	0	204
Unknown	0	0	0	5	2	4	4	3	1	0	19
Total	21	690	1,905	6,268	5,818	3,831	1,531	364	41	2	20,471

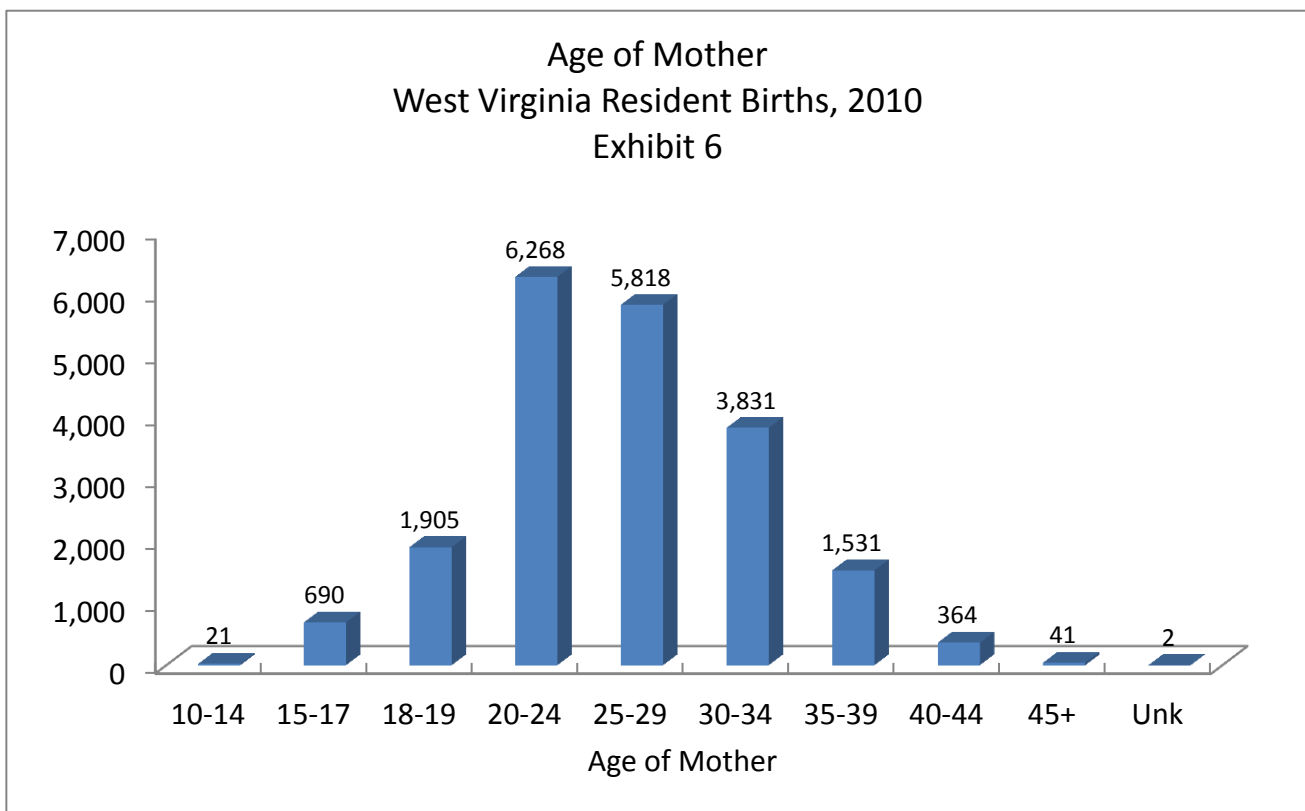
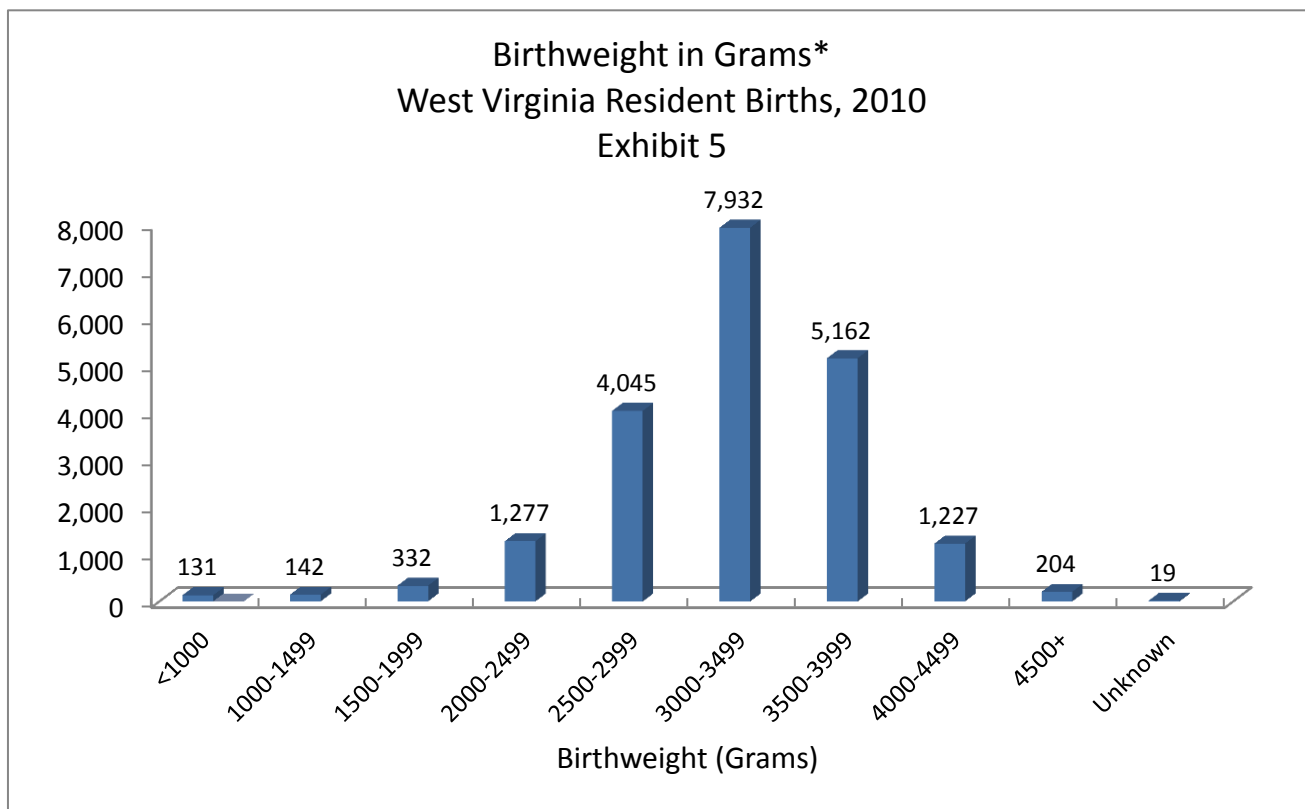
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Health Statistics Center, 2013

Selected Factors by Birthweight of Infant
West Virginia Resident Births, 2010
Table 7

Factor	Very Low Birthweight <1,500 Grams		Moderately Low Birthweight 1,500-2,499 Grams		Normal Birthweight 2,500+ Grams		Unknown Birthweight	Total
	Number	Percent	Number	Percent	Number	Percent		
Total Births	273	1.3%	1,609	7.9%	18,570	90.8%	19	20,471
Maternal Age								
< 20 Years	40	1.5%	209	8.0%	2,367	90.5%	0	2,616
< 15 Years	0	0.0%	3	14.3%	18	85.7%	0	21
Maternal Race								
White or Caucasian	251	1.3%	1,491	7.7%	17,665	91.0%	9	19,416
Black or African American	19	2.6%	93	12.6%	624	84.8%	0	736
All Other Races	3	1.0%	25	8.5%	265	90.4%	0	293
Unknown	0	0.0%	0	0.0%	16	100.0%	10	26
Entry Into Prenatal Care								
First Trimester	204	1.3%	1,180	7.4%	14,619	91.4%	6	16,009
Second Trimester	40	1.5%	230	8.8%	2,339	89.7%	0	2,609
Third Trimester	3	0.6%	40	7.5%	488	91.9%	0	531
No Prenatal Care	7	6.4%	34	31.2%	68	62.4%	2	111
Unknown	19	1.6%	125	10.4%	1,056	88.0%	11	1,211
Gestational Age								
< 32 Weeks	242	75.4%	76	23.7%	3	0.9%	1	322
32-36 Weeks	28	1.5%	872	47.2%	948	51.3%	0	1,848
37-38 Weeks	2	0.0%	489	8.7%	5,106	91.2%	1	5,598
39+ Weeks	1	0.0%	169	1.3%	12,496	98.7%	6	12,672
Unknown	0	0.0%	3	15.0%	17	85.0%	11	31
Mother's Education Level								
8 Years or Less	4	1.2%	30	9.3%	288	89.4%	1	323
9-11 Years (No High School Diploma)	42	1.3%	335	10.2%	2,910	88.5%	1	3,288
12 Years (High School or GED)	121	1.6%	648	8.7%	6,657	89.6%	3	7,429
13-15 Years (Some College or Associates Degree)	48	1.1%	299	6.8%	4,075	92.2%	1	4,423
16+ Years (Bachelor's Degree or Higher)	48	1.0%	269	5.7%	4,397	93.3%	3	4,717
Unknown	10	3.6%	28	10.0%	243	86.5%	10	291
Mother's Marital Status								
Married	138	1.2%	796	6.9%	10,530	91.9%	9	11,473
Not Married	135	1.5%	809	9.0%	8,023	89.5%	3	8,970
Unknown	0	0.0%	4	19.0%	17	81.0%	7	28

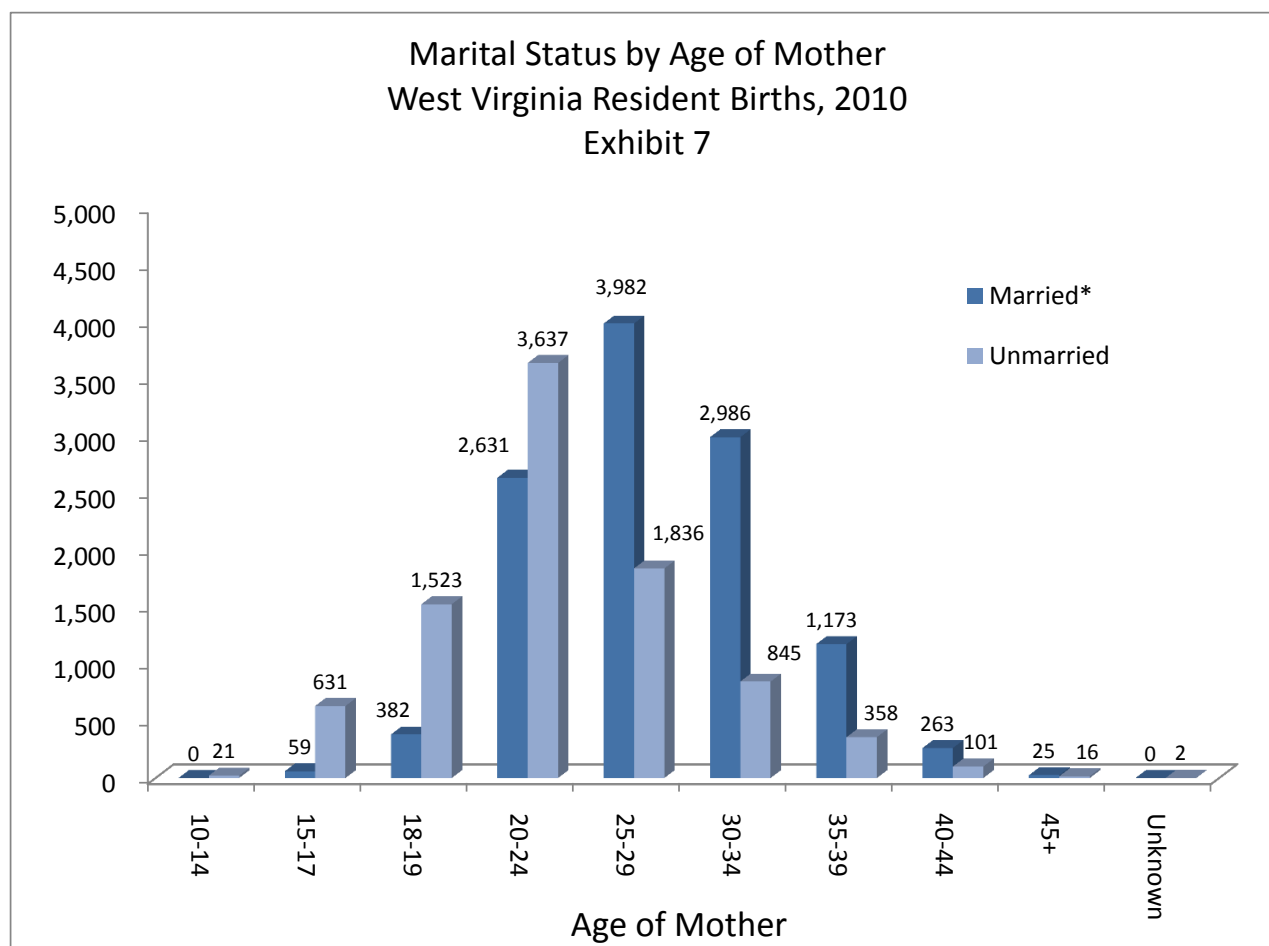
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Percentages are calculated excluding unknown birthweight

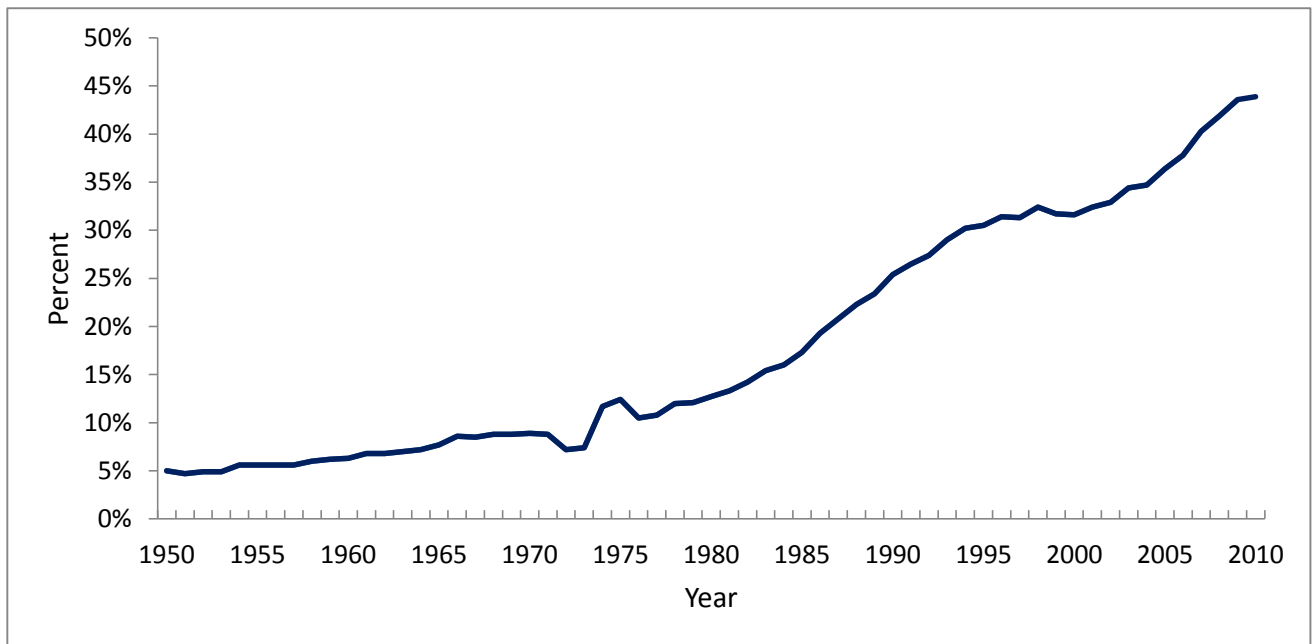


Marital Status by Age of Mother
West Virginia Resident Births, 2006-2010
Table 8

Age of Mother	2006		2007		2008		2009		2010	
	Married*	Un-married	Married*	Un-married	Married*	Un-married	Married*	Un-married	Married*	Un-married
10-14	0	19	0	31	0	26	1	21	0	21
15-17	83	656	74	655	79	700	77	733	59	631
18-19	488	1,356	452	1,525	465	1,511	457	1,561	382	1,523
20-24	3,194	3,178	3,123	3,612	2,931	3,636	2,834	3,730	2,631	3,637
25-29	4,578	1,712	4,679	1,854	4,429	1,934	4,121	1,941	3,982	1,836
30-34	3,056	631	3,207	785	2,999	811	3,034	840	2,986	845
35-39	1,358	284	1,325	299	1,323	286	1,252	313	1,173	358
40-44	245	67	278	91	252	82	214	84	263	101
45+	18	7	9	16	13	16	23	37	25	16
Unknown	1	0	1	1	0	0	2	0	0	2
WV Total	13,021	7,910	13,148	8,869	12,491	9,002	12,015	9,260	11,501	8,970

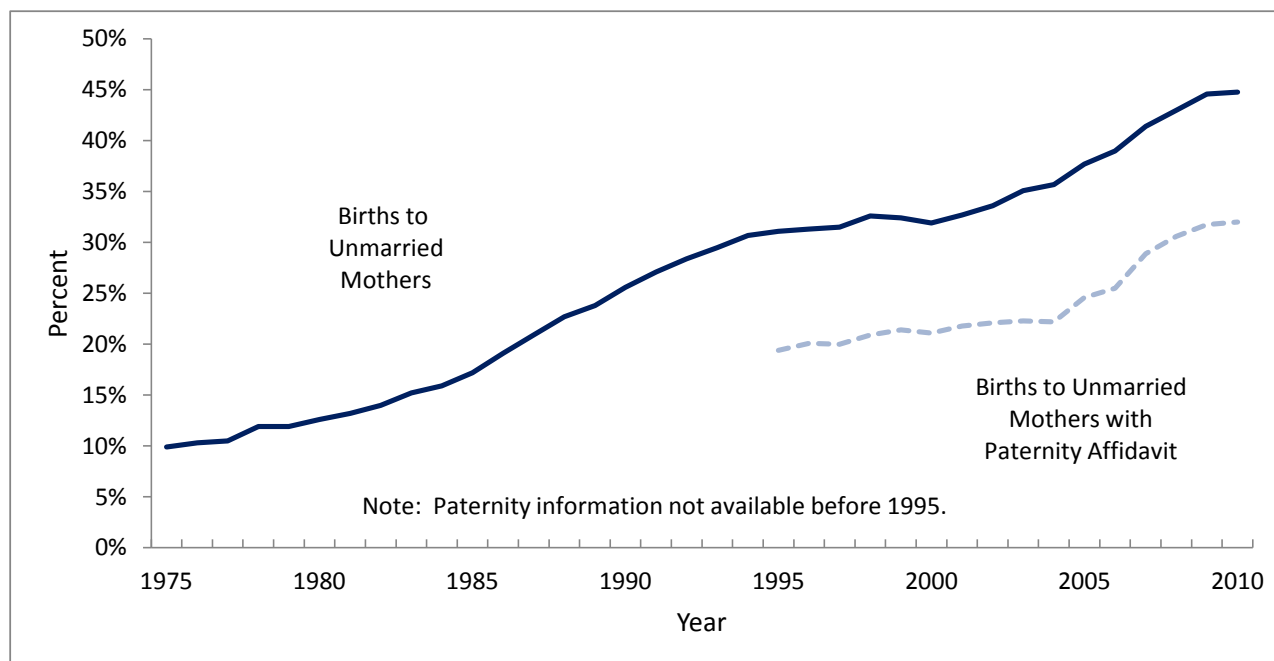


Percent of Births to Unmarried Mothers
West Virginia Residents, 1950-2010
Exhibit 8



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	7,910	36.4%
2010	8,970	43.9%

Percent of Births to Unmarried Mothers and
Unmarried Mothers with Paternity Affidavit
West Virginia Occurrence Births, 1975-2010
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%

Selected Factors by Race of Mother
West Virginia Resident Births, 2010
Table 9

Factor	White or Caucasian		Black or African American		All Other Races		Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Births	19,416		736		293		26		20,471	
<u>Low Birthweight</u> (< 2,500 Grams)	1,742	9.0%	112	15.2%	28	9.6%	0		1,882	9.2%
<u>Maternal Age</u>										
Mothers < 20 Years	2,469	12.7%	118	16.0%	27	9.2%	2		2,616	12.8%
Mothers < 15 Years	19	0.1%	2	0.3%	0	0.0%	0		21	0.1%
<u>Entry Into Prenatal Care</u>										
First Trimester	15,263	83.5%	514	73.5%	220	80.6%	12		16,009	83.1%
Second Trimester	2,411	13.2%	151	21.6%	46	16.8%	1		2,609	13.5%
Third Trimester	495	2.7%	30	4.3%	6	2.2%	0		531	2.8%
No Prenatal Care	106	0.6%	4	0.6%	1	0.4%	0		111	0.6%
Unknown	1,141		37		20		13		1,211	
<u>Gestational Age</u>										
< 32 Weeks	296	1.5%	21	2.9%	5	1.7%	0		322	1.6%
32-36 Weeks	1,735	8.9%	92	12.5%	21	7.2%	0		1,848	9.0%
37-38 Weeks	5,289	27.3%	227	30.9%	75	25.6%	7		5,598	27.4%
39+ Weeks	12,076	62.3%	395	53.7%	192	65.5%	9		12,672	62.0%
Unknown	20		1		0		10		31	
<u>Place of Birth</u>										
Hospital*	19,294	99.5%	733	99.6%	293	100.0%	18		20,338	99.5%
Non-Hospital	106	0.5%	3	0.4%	0	0.0%	1		110	0.5%
Unknown	16		0		0		7		23	

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

Prenatal Care by Mother's Race, Marital Status and Education
West Virginia Resident Births, 2010
Table 10

Birth Characteristics	Time Prenatal Care Began								Total
	First Trimester		Second Trimester		Third Trimester		No Care		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Mother's Race: All Races	16,009	83.1%	2,609	13.5%	531	2.8%	111	0.6%	20,471
<u>Mother's Marital Status</u>									
Married	9,417	87.6%	1,069	9.9%	227	2.1%	37	0.3%	11,473
Not Married	6,582	77.5%	1,539	18.1%	302	3.6%	74	0.9%	8,970
Unknown	10	76.9%	1	7.7%	2	15.4%	0	0.0%	28
<u>Mother's Educational Level</u>									
8 Years or Less	208	67.3%	79	25.6%	18	5.8%	4	1.3%	323
9-11 Years (No High School Diploma)	2,349	75.7%	608	19.6%	122	3.9%	24	0.8%	3,288
12 Years (High School or GED)	5,719	81.9%	1,023	14.6%	193	2.8%	50	0.7%	7,429
13-15 Years (Some College or Associates Degree)	3,467	84.3%	509	12.4%	122	3.0%	15	0.4%	4,423
16+ Years (Bachelor's Degree or Higher)	4,113	91.6%	313	7.0%	57	1.3%	6	0.1%	4,717
Unknown	153	58.6%	77	29.5%	19	7.3%	12	4.6%	291
Mother's Race: White or Caucasian	15,263	83.5%	2,411	13.2%	495	2.7%	106	0.6%	19,416
<u>Mother's Marital Status</u>									
Married	9,098	87.7%	1,013	9.8%	221	2.1%	37	0.4%	11,057
Not Married	6,155	78.0%	1,397	17.7%	272	3.4%	69	0.9%	8,340
Unknown	10	76.9%	1	7.7%	2	15.4%	0	0.0%	19
<u>Mother's Educational Level</u>									
8 Years or Less	202	68.7%	74	25.2%	14	4.8%	4	1.4%	308
9-11 Years (No High School Diploma)	2,230	76.1%	561	19.1%	115	3.9%	24	0.8%	3,108
12 Years (High School or GED)	5,480	82.3%	947	14.2%	182	2.7%	48	0.7%	7,081
13-15 Years (Some College or Associates Degree)	3,300	84.5%	477	12.2%	115	2.9%	12	0.3%	4,201
16+ Years (Bachelor's Degree or Higher)	3,902	92.0%	282	6.7%	50	1.2%	6	0.1%	4,452
Unknown	149	59.6%	70	28.0%	19	7.6%	12	4.8%	266

West Virginia Bureau for Public Health

Percentages are calculated excluding unknown.

Prenatal Care by Mother's Race, Marital Status and Education
West Virginia Resident Births, 2010
Table 10 (Cont'd)

Birth Characteristics	Time Prenatal Care Began								Total
	First Trimester		Second Trimester		Third Trimester		No Care		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Mother's Race: Black or African American	514	73.5%	151	21.6%	30	4.3%	4	0.6%	736
<u>Mother's Marital Status</u>									
Married	146	82.0%	29	16.3%	3	1.7%	0	0.0%	193
Not Married	368	70.6%	122	23.4%	27	5.2%	4	0.8%	541
Unknown	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2
<u>Mother's Educational Level</u>									
8 Years or Less	4	36.4%	3	27.3%	4	36.4%	0	0.0%	11
9-11 Years (No High School Diploma)	99	69.7%	37	26.1%	6	4.2%	0	0.0%	147
12 Years (High School or GED)	187	70.8%	65	24.6%	10	3.8%	2	0.8%	276
13-15 Years (Some College or Associates Degree)	114	78.1%	26	17.8%	4	2.7%	2	1.4%	154
16+ Years (Bachelor's Degree or Higher)	107	82.3%	17	13.1%	6	4.6%	0	0.0%	139
Unknown	3	50.0%	3	50.0%	0	0.0%	0	0.0%	9
Mother's Race: All Other Races	220	80.6%	46	16.8%	6	2.2%	1	0.4%	293
<u>Mother's Marital Status</u>									
Married	163	84.9%	26	13.5%	3	1.6%	0	0.0%	208
Not Married	57	70.4%	20	24.7%	3	3.7%	1	1.2%	85
Unknown	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
<u>Mother's Educational Level</u>									
8 Years or Less	2	50.0%	2	50.0%	0	0.0%	0	0.0%	4
9-11 Years (No High School Diploma)	18	62.1%	10	34.5%	1	3.4%	0	0.0%	29
12 Years (High School or GED)	50	80.6%	11	17.7%	1	1.6%	0	0.0%	70
13-15 Years (Some College or Associates Degree)	50	83.3%	6	10.0%	3	5.0%	1	1.7%	65
16+ Years (Bachelor's Degree or Higher)	99	86.8%	14	12.3%	1	0.9%	0	0.0%	121
Unknown	1	25.0%	3	75.0%	0	0.0%	0	0.0%	4

West Virginia Bureau for Public Health
Health Statistics Center, 2013
Percentages are calculated excluding unknown.

Births by Method of Delivery
Number and Percent by Facility of Occurrence
West Virginia, 2010
Table 11

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	
Bluefield Regional Medical Center	692	469	67.8%	6	0.9%	217	31.4%	105	15.2%	112	16.2%	0
Braxton County Memorial Hospital	3	3	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
C.A.M.C. - Women & Children's Hospital	3,050	1,770	58.0%	1	0.0%	1,279	41.9%	744	24.4%	535	17.5%	0
Cabell-Huntington Hospital	2,433	1,436	59.0%	13	0.5%	984	40.4%	593	24.4%	391	16.1%	0
Camden-Clark Memorial Hospital	1,363	806	59.1%	6	0.4%	551	40.4%	333	24.4%	218	16.0%	0
City Hospital	856	624	72.9%	2	0.2%	230	26.9%	111	13.0%	119	13.9%	0
Davis Memorial Hospital	318	195	61.3%	0	0.0%	123	38.7%	63	19.8%	60	18.9%	0
Fairmont General Hospital	442	309	69.9%	6	1.4%	127	28.7%	74	16.7%	53	12.0%	0
Grant Memorial Hospital	252	142	56.3%	0	0.0%	110	43.7%	54	21.4%	56	22.2%	0
Greenbrier Valley Hospital	546	426	78.0%	17	3.1%	103	18.9%	49	9.0%	54	9.9%	0
Jefferson Memorial Hospital	281	198	70.5%	4	1.4%	79	28.1%	42	14.9%	37	13.2%	0
Logan Regional Medical Center	355	170	47.9%	0	0.0%	185	52.1%	110	31.0%	75	21.1%	0
Monongalia General Hospital	958	658	68.7%	0	0.0%	300	31.3%	197	20.6%	103	10.8%	0
Ohio Valley Medical Center	285	206	72.3%	3	1.1%	76	26.7%	35	12.3%	41	14.4%	0
Pleasant Valley Hospital	234	129	55.1%	4	1.7%	101	43.2%	52	22.2%	49	20.9%	0
Preston Memorial Hospital	104	85	81.7%	1	1.0%	18	17.3%	8	7.7%	10	9.6%	0
Princeton Community Hospital	618	400	64.7%	1	0.2%	217	35.1%	118	19.1%	99	16.0%	0
Raleigh General Hospital	1,555	1,112	71.5%	8	0.5%	435	28.0%	244	15.7%	191	12.3%	0
Reynolds Memorial Hospital	145	74	51.0%	0	0.0%	71	49.0%	39	26.9%	32	22.1%	0
St. Joseph's Hospital (Buckhannon)	303	253	83.5%	2	0.7%	48	15.8%	34	11.2%	14	4.6%	0
St. Joseph's Hospital (Parkersburg)	259	159	61.4%	7	2.7%	93	35.9%	56	21.6%	37	14.3%	0
St. Mary's Medical Center	417	307	73.6%	5	1.2%	105	25.2%	63	15.1%	42	10.1%	0
Stonewall Jackson Memorial Hospital	294	180	61.2%	5	1.7%	109	37.1%	71	24.1%	38	12.9%	0
Summersville Memorial Hospital	264	176	66.7%	0	0.0%	88	33.3%	53	20.1%	35	13.3%	0
Thomas Memorial Hospital	858	413	48.1%	3	0.3%	442	51.5%	236	27.5%	206	24.0%	0
United Hospital Center	829	486	58.6%	15	1.8%	328	39.6%	196	23.6%	132	15.9%	0
War Memorial Hospital	1	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0
WVU Hospitals, Inc.	1,309	775	59.2%	33	2.5%	501	38.3%	323	24.7%	178	13.6%	0
Weirton Medical Center	390	229	58.7%	0	0.0%	161	41.3%	99	25.4%	62	15.9%	0
Welch Community Hospital	49	32	65.3%	1	2.0%	16	32.7%	6	12.2%	10	20.4%	0
Wetzel County Hospital	1	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Wheeling Hospital	1,048	673	64.2%	6	0.6%	369	35.2%	214	20.4%	155	14.8%	0
Williamson Memorial Hospital	100	16	16.0%	0	0.0%	84	84.0%	36	36.0%	48	48.0%	0
WomenCare, Inc.	27	27	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
----- Non-Hospital	121	110	92.4%	9	7.6%	0	0.0%	0	0.0%	0	0.0%	2
West Virginia Total Occurrences	20,760	13,049	62.9%	159	0.8%	7,550	36.4%	4,358	21.0%	3,192	15.4%	2

Percentages are calculated excluding unknown.
West Virginia Bureau for Public Health
Health Statistics Center, 2013

Full-Term Births (39 or More Weeks Gestation) by Method of Delivery
Number and Percent by Facility of Occurrence
West Virginia, 2010
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		
Bluefield Regional Medical Center	278	201	72.3%	1	0.4%	76	27.3%	37	13.3%	39	14.0%	0	
Braxton County Memorial Hospital	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	
C.A.M.C. - Women & Children's Hospital	1,819	1,090	59.9%	1	0.1%	728	40.0%	407	22.4%	321	17.6%	0	
Cabell-Huntington Hospital	1,280	807	63.0%	3	0.2%	470	36.7%	268	20.9%	202	15.8%	0	
Camden-Clark Memorial Hospital	686	425	62.0%	4	0.6%	257	37.5%	149	21.7%	108	15.7%	0	
City Hospital	573	441	77.0%	0	0.0%	132	23.0%	68	11.9%	64	11.2%	0	
Davis Memorial Hospital	236	152	64.4%	0	0.0%	84	35.6%	48	20.3%	36	15.3%	0	
Fairmont General Hospital	319	219	68.7%	4	1.3%	96	30.1%	55	17.2%	41	12.9%	0	
Grant Memorial Hospital	193	111	57.5%	0	0.0%	82	42.5%	38	19.7%	44	22.8%	0	
Greenbrier Valley Hospital	402	318	79.1%	9	2.2%	75	18.7%	34	8.5%	41	10.2%	0	
Jefferson Memorial Hospital	197	143	72.6%	4	2.0%	50	25.4%	30	15.2%	20	10.2%	0	
Logan Regional Medical Center	188	104	55.3%	0	0.0%	84	44.7%	49	26.1%	35	18.6%	0	
Monongalia General Hospital	724	510	70.4%	0	0.0%	214	29.6%	148	20.4%	66	9.1%	0	
Ohio Valley Medical Center	148	106	71.6%	0	0.0%	42	28.4%	20	13.5%	22	14.9%	0	
Pleasant Valley Hospital	127	80	63.0%	1	0.8%	46	36.2%	34	26.8%	12	9.4%	0	
Preston Memorial Hospital	63	52	82.5%	1	1.6%	10	15.9%	5	7.9%	5	7.9%	0	
Princeton Community Hospital	255	186	72.9%	0	0.0%	69	27.1%	34	13.3%	35	13.7%	0	
Raleigh General Hospital	1,084	789	72.8%	6	0.6%	289	26.7%	154	14.2%	135	12.5%	0	
Reynolds Memorial Hospital	47	30	63.8%	0	0.0%	17	36.2%	14	29.8%	3	6.4%	0	
St. Joseph's Hospital (Buckhannon)	245	202	82.4%	2	0.8%	41	16.7%	30	12.2%	11	4.5%	0	
St. Joseph's Hospital (Parkersburg)	184	111	60.3%	6	3.3%	67	36.4%	43	23.4%	24	13.0%	0	
St. Mary's Medical Center	224	175	78.1%	3	1.3%	46	20.5%	28	12.5%	18	8.0%	0	
Stonewall Jackson Memorial Hospital	208	126	60.6%	4	1.9%	78	37.5%	52	25.0%	26	12.5%	0	
Summersville Memorial Hospital	174	118	67.8%	0	0.0%	56	32.2%	32	18.4%	24	13.8%	0	
Thomas Memorial Hospital	504	234	46.4%	1	0.2%	269	53.4%	139	27.6%	130	25.8%	0	
United Hospital Center	645	379	58.8%	10	1.6%	256	39.7%	149	23.1%	107	16.6%	0	
War Memorial Hospital	1	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	
WVU Hospitals, Inc.	689	444	64.4%	22	3.2%	223	32.4%	126	18.3%	97	14.1%	0	
Weirton Medical Center	267	154	57.7%	0	0.0%	113	42.3%	77	28.8%	36	13.5%	0	
Welch Community Hospital	29	18	62.1%	0	0.0%	11	37.9%	4	13.8%	7	24.1%	0	
Wetzel County Hospital	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	
Wheeling Hospital	750	478	63.7%	5	0.7%	267	35.6%	157	20.9%	110	14.7%	0	
Williamson Memorial Hospital	77	11	14.3%	0	0.0%	66	85.7%	28	36.4%	38	49.4%	0	
WomenCare, Inc.	21	21	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	
----- Non-Hospital	94	85	90.4%	9	9.6%	0	0.0%	0	0.0%	0	0.0%	0	
West Virginia Total Occurrences	12,731	8,320	65.4%	97	0.8%	4,314	33.9%	2,457	19.3%	1,857	14.6%	0	

Percentages are calculated excluding unknown.

Labor-Induced Births by Method of Delivery
Number and Percent by Facility of Occurrence
West Virginia, 2010
Table 13

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	
Bluefield Regional Medical Center	192	151	78.6%	3	1.6%	38	19.8%	35	18.2%	3	1.6%	0
Braxton County Memorial Hospital	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
C.A.M.C. - Women & Children's Hospital	1,074	812	75.6%	0	0.0%	262	24.4%	259	24.1%	3	0.3%	0
Cabell-Huntington Hospital	1,098	753	68.6%	1	0.1%	344	31.3%	265	24.1%	79	7.2%	0
Camden-Clark Memorial Hospital	566	438	77.4%	5	0.9%	123	21.7%	110	19.4%	13	2.3%	0
City Hospital	126	109	86.5%	0	0.0%	17	13.5%	16	12.7%	1	0.8%	0
Davis Memorial Hospital	75	58	77.3%	0	0.0%	17	22.7%	17	22.7%	0	0.0%	0
Fairmont General Hospital	154	127	82.5%	1	0.6%	26	16.9%	25	16.2%	1	0.6%	0
Grant Memorial Hospital	104	86	82.7%	0	0.0%	18	17.3%	16	15.4%	2	1.9%	0
Greenbrier Valley Hospital	228	203	89.0%	5	2.2%	20	8.8%	19	8.3%	1	0.4%	0
Jefferson Memorial Hospital	73	62	84.9%	0	0.0%	11	15.1%	11	15.1%	0	0.0%	0
Logan Regional Medical Center	87	49	56.3%	0	0.0%	38	43.7%	37	42.5%	1	1.1%	0
Monongalia General Hospital	117	105	89.7%	0	0.0%	12	10.3%	12	10.3%	0	0.0%	0
Ohio Valley Medical Center	103	92	89.3%	0	0.0%	11	10.7%	9	8.7%	2	1.9%	0
Pleasant Valley Hospital	40	29	72.5%	1	2.5%	10	25.0%	9	22.5%	1	2.5%	0
Preston Memorial Hospital	32	29	90.6%	0	0.0%	3	9.4%	3	9.4%	0	0.0%	0
Princeton Community Hospital	310	258	83.2%	1	0.3%	51	16.5%	50	16.1%	1	0.3%	0
Raleigh General Hospital	396	341	86.1%	1	0.3%	54	13.6%	51	12.9%	3	0.8%	0
Reynolds Memorial Hospital	35	25	71.4%	0	0.0%	10	28.6%	9	25.7%	1	2.9%	0
St. Joseph's Hospital (Buckhannon)	31	24	77.4%	0	0.0%	7	22.6%	7	22.6%	0	0.0%	0
St. Joseph's Hospital (Parkersburg)	118	82	69.5%	3	2.5%	33	28.0%	33	28.0%	0	0.0%	0
St. Mary's Medical Center	193	162	83.9%	1	0.5%	30	15.5%	29	15.0%	1	0.5%	0
Stonewall Jackson Memorial Hospital	57	32	56.1%	1	1.8%	24	42.1%	23	40.4%	1	1.8%	0
Summersville Memorial Hospital	74	57	77.0%	0	0.0%	17	23.0%	17	23.0%	0	0.0%	0
Thomas Memorial Hospital	361	233	64.5%	0	0.0%	128	35.5%	120	33.2%	8	2.2%	0
United Hospital Center	380	250	65.8%	6	1.6%	124	32.6%	114	30.0%	10	2.6%	0
War Memorial Hospital	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
WVU Hospitals, Inc.	374	281	75.1%	8	2.1%	85	22.7%	80	21.4%	5	1.3%	0
Weirton Medical Center	173	135	78.0%	0	0.0%	38	22.0%	38	22.0%	0	0.0%	0
Welch Community Hospital	2	1	50.0%	0	0.0%	1	50.0%	1	50.0%	0	0.0%	0
Wetzel County Hospital	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Wheeling Hospital	481	392	81.5%	1	0.2%	88	18.3%	87	18.1%	1	0.2%	0
Williamson Memorial Hospital	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
WomenCare, Inc.	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
----- Non-Hospital	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
West Virginia Total Occurrences	7,054	5,376	76.2%	38	0.5%	1,640	23.2%	1,502	21.3%	138	2.0%	0

West Virginia Bureau for Public Health
Health Statistics Center, 2013

Percentages are calculated excluding unknown.

Mother's Marital Status and Method of Paternity Establishment
Unmarried Mothers by Hospital of Birth
West Virginia Occurrences, 2010
Table 14

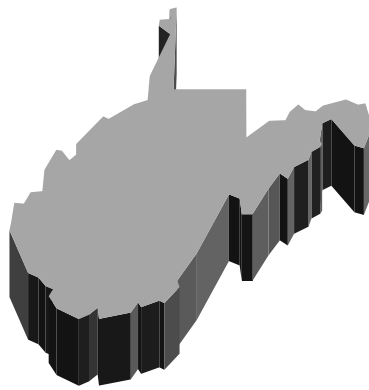
Hospital	Total Births	Mother's Marital Status			Mother Unmarried with Paternity Established			Mother Unmarried with Father Unknown
		Married (or Un-known)	Un-married	Percent Un-married	Paternity Affidavit Accepted	Percent of Unmarried Births	Father Established by Other Methods	
Bluefield Regional Medical Center	692	339	353	51.0%	207	58.6%	42	104
Braxton County Memorial Hospital	3	2	1	33.3%	0	0.0%	0	1
C.A.M.C. - Women & Children's Hospital	3,050	1,775	1,275	41.8%	903	70.8%	199	173
Cabell-Huntington Hospital	2,433	1,339	1,094	45.0%	742	67.8%	103	249
Camden-Clark Memorial Hospital	1,363	745	618	45.3%	461	74.6%	68	89
City Hospital	856	365	491	57.4%	375	76.4%	35	81
Davis Memorial Hospital	318	155	163	51.3%	138	84.7%	11	14
Fairmont General Hospital	442	215	227	51.4%	171	75.3%	21	35
Grant Memorial Hospital	252	123	129	51.2%	91	70.5%	11	27
Greenbrier Valley Hospital	546	269	277	50.7%	205	74.0%	32	40
Jefferson Memorial Hospital	281	109	172	61.2%	127	73.8%	12	33
Logan Regional Medical Center	355	174	181	51.0%	109	60.2%	31	41
Monongalia General Hospital	958	660	298	31.1%	233	78.2%	24	41
Ohio Valley Medical Center	285	127	158	55.4%	108	68.4%	20	30
Pleasant Valley Hospital	234	102	132	56.4%	91	68.9%	21	20
Preston Memorial Hospital	104	56	48	46.2%	36	75.0%	5	7
Princeton Community Hospital	618	402	216	35.0%	145	67.1%	32	39
Raleigh General Hospital	1,555	826	729	46.9%	469	64.3%	104	156
Reynolds Memorial Hospital	145	65	80	55.2%	56	70.0%	11	13
St. Joseph's Hospital (Buckhannon)	303	205	98	32.3%	66	67.3%	9	23
St. Joseph's Hospital (Parkersburg)	259	185	74	28.6%	48	64.9%	9	17
St. Mary's Medical Center	417	288	129	30.9%	93	72.1%	18	18
Stonewall Jackson Memorial Hospital	294	147	147	50.0%	111	75.5%	18	18
Summersville Memorial Hospital	264	111	153	58.0%	102	66.7%	25	26
Thomas Memorial Hospital	858	458	400	46.6%	308	77.0%	45	47
United Hospital Center	829	432	397	47.9%	312	78.6%	37	48
War Memorial Hospital	1	0	1	100.0%	1	0.0%	0	0
WVU Hospitals, Inc.	1,309	869	440	33.6%	320	72.7%	38	82
Weirton Medical Center	390	208	182	46.7%	140	76.9%	15	27
Welch Community Hospital	49	22	27	55.1%	14	51.9%	6	7
Wetzel County Hospital	1	1	0	0.0%	0	0.0%	0	0
Wheeling Hospital	1,048	536	512	48.9%	404	78.9%	40	68
Williamson Memorial Hospital	100	45	55	55.0%	34	61.8%	6	15
WomenCare, Inc.	27	22	5	18.5%	3	60.0%	1	1
----- Non-Hospital	121	94	27	22.3%	15	55.6%	5	7
WV Total Occurrences	20,760	11,471	9,289	44.7%	6,638	71.5%	1,054	1,597

Out-of-State Occurrences
West Virginia Resident Births, 2006-2010
Table 15

State	2006 Births	2007 Births	2008 Births	2009 Births	2010 Births
Virginia	1,039	1,182	1,135	1,044	1,004
Maryland	569	678	659	680	637
Ohio	351	403	387	343	297
Kentucky	190	160	199	217	195
Pennsylvania	134	106	119	114	101
Florida	6	2	2	4	6
North Carolina	7	4	2	1	3
District of Columbia	5	2	6	4	0
Tennessee	0	2	5	5	5
South Carolina	5	3	1	0	2
California	2	3	0	2	1
New Jersey	0	2	5	0	1
Utah	0	0	3	5	0
All Other States	31	28	16	19	23
Total	2,339	2,575	2,539	2,438	2,275

Out-of-State Resident Births Born in West Virginia
West Virginia Occurrence Births, 2006-2010
Table 16

State	2006 Births	2007 Births	2008 Births	2009 Births	2010 Births
Ohio	1,544	1,606	1,600	1,547	1,570
Virginia	352	277	317	325	331
Kentucky	253	266	225	222	270
Pennsylvania	278	234	249	260	283
Maryland	78	62	58	68	75
North Carolina	9	7	8	6	4
Florida	4	5	4	2	3
New York	4	1	4	4	4
Michigan	4	1	1	2	4
South Carolina	5	0	2	2	1
Tennessee	2	3	1	2	1
Indiana	1	2	1	3	2
All Other States	11	11	19	19	16
Total	2,545	2,475	2,489	2,462	2,564



West Virginia Vital Statistics

Deaths

Death Summary

The number of West Virginia resident deaths decreased by 107, from 21,385 in 2009 to 21,278 in 2010. The state's crude death rate dropped from 2009 at 11.8 per 1,000 population to 11.5 in 2010. The average age at death for West Virginians was 72.2 (68.8 for men and 75.7 for women), slightly higher than the 2009 average of 72.1 (68.7 for men and 75.5 for women). One hundred and twenty-eight West Virginia residents who died in 2010 were age 100 or older. The oldest man was 104 years old while the oldest woman was 109 years old at the time of death.

Heart disease, cancer and chronic lower respiratory diseases, the three leading causes of death, accounted for 51.9% of West Virginia resident deaths in 2010. Compared with 2009, the number of state deaths due to heart disease decreased by 198 or 3.9% while cancer deaths decreased 2.8%. Chronic lower respiratory disease, the third leading cause, decreased 1.7%; stroke mortality, now the fifth leading cause, increased 1.7%. Diabetes mellitus deaths increased by 21 or 2.8%, while the number of reported deaths due to influenza/pneumonia increased by 15 or 3.7%. Dementia, now the sixth leading cause of death in the Mountain State, increased by 151 (20.5%), while Alzheimer's disease increased 6.5%. Accidental deaths were the fourth leading cause of death for the fourth year in a row. The number of accidental deaths rose by 115 (10.0%), from 1,150 in 2009 to 1,265 in 2010. Motor vehicle accident deaths decreased by 55 or 14.9%, from 368 in 2009 to 313 in 2010. Accidental poisoning deaths are on the rise again in West Virginia as it increased by 98 (24.9%) from 394 in 2009 to 492 in 2010. Accidental poisoning accounted for nearly one-third (30.1%) of all deaths in the age group of 25-34. The vast majority of these deaths were due to both legal and illicit ingestion of prescription pharmaceuticals.

Accidents were the leading cause of death for ages one through 44 years. Motor vehicle accident and accidental poisoning fatalities are the two leading cause of death for young adults aged 15 through 24, accounting for 44.0% of all deaths for this age group in 2010. West Virginia's 2010 motor vehicle fatalities included six children under five years of age, three more than 2009.

Suicides increased by six, from 288 to 294 between 2009 and 2010. Male suicides increased by 17 or 7.2 %, from 235 in 2009 to 252 in 2010; the number of female suicides (42) decreased by 11 or 20.8% from 2009. Nearly three-fourths (73.8%) of all suicide deaths were firearm related — 77.4% of male suicides and 52.4% of female suicides. The average age of death for a suicide victim in 2010 was 49.2 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 five in 2010, seven less than 2009 at 12.

Homicides decreased by eight, from 99 in 2009 to 91 in 2010. Sixty-four (64) of the homicide victims were male, 27 were female. The average age at death for a homicide victim in 2010 was 33.3 years. There were 14 homicide victims under the age of five in 2010, compared with only two in 2009. Slightly under one-half (49.5%) of 2010 homicide deaths were due to firearms.

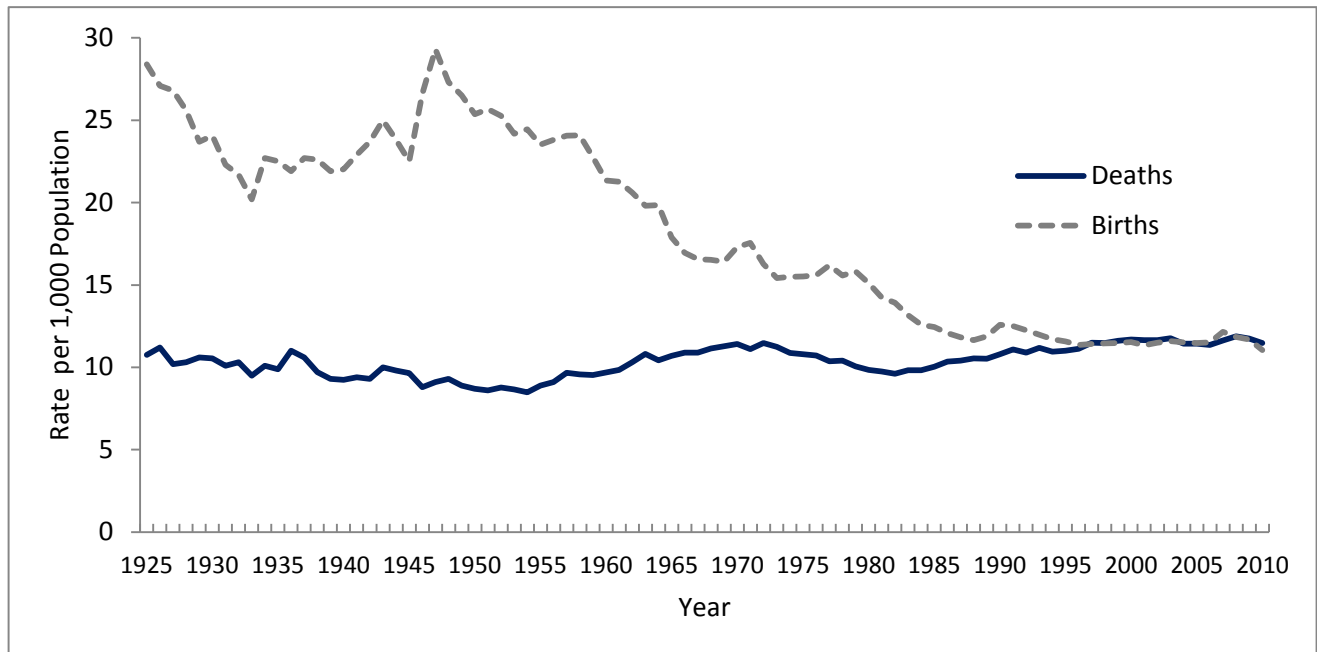
The statistics presented in this publication refer to resident data unless otherwise indicated. A resident death is determined by where the decedent last lived at the time of death. An occurrence death is determined by where the decedent died. If a person lived in West Virginia but died in Ohio, that 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 Ohio 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 39 would therefore contribute 36 years to the total YPLL ($75-39=36$). YPLL is an important tool in emphasizing and evaluating causes of premature death.

The YPLL from all causes decreased 2.1%, from 174,632 YPLL in 2009 to 170,981 in 2010. The four leading causes of YPLL in 2010 were malignant neoplasms (35,963 YPLL), diseases of the heart (24,221 YPLL), non-motor vehicle accidents (23,098 YPLL) and motor vehicle accidents (9,555 YPLL). Combined, these four causes accounted for over half (54.3%) of all years of potential life lost in 2010. In comparison to 2009, YPLL attributable to malignant neoplasms decreased from 21.4% to 21.0%. YPLL due to diseases of the heart remained the same at 14.2% of the total, YPLL due to non-motor vehicle accidents increased from 10.3% to 13.5% and the percentage of total YPLL due to motor vehicle crashes decreased from 6.9% to 5.6%.

Number and Rate of Resident Deaths (Compared to Births)
West Virginia, 1925-2010
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

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Summary Totals

West Virginia Resident Deaths, 2010

Table 17

Characteristic	Number	Percent	Characteristic	Number	Percent
<u>Total</u>			<u>Place Death Occurred</u>		
Residence	21,278	100.0%	Hospital	9,158	43.0%
Occurrence	20,860		Home	5,710	26.8%
<u>Gender</u>			Licensed Personal Care or Nursing Home	3,181	14.9%
Male	10,719	50.4%	Unlicensed Personal Care or Nursing Home	301	1.4%
Female	10,559	49.6%	Clinic or Center	22	0.1%
<u>Race</u>			En Route to Hospital	37	0.2%
White or Caucasian*	20,642	97.0%	Other and Unknown	2,869	13.5%
Black or African American	587	2.8%	<u>Disposition of Death</u>		
All Other Races	49	0.2%	Burial	14,264	70.0%
<u>Age at Death</u>			Cremation	4,631	22.7%
Less than One Year of Age	150	0.7%	Removal from State	445	2.2%
One to Four Years	35	0.2%	Donation	352	1.7%
Five to Fourteen Years	34	0.2%	Other	688	3.4%
Fifteen to Nineteen Years	71	0.3%	Unknown	898	
Twenty to Twenty-Four Years	138	0.6%	<u>Leading Causes of Death</u>		
Twenty-Five to Thirty-Four Years	369	1.7%	Diseases of the Heart	4,899	23.0%
Thirty-Five to Forty-Four Years	661	3.1%	Malignant Neoplasms	4,659	21.9%
Forty-Five to Fifty-Four Years	1,578	7.4%	Chronic Lower Respiratory Disease	1,493	7.0%
Fifty-Five to Sixty-Four Years	2,892	13.6%	Accidents, All Forms	1,265	5.9%
Sixty-Five to Seventy-Four Years	3,962	18.6%	Cerebrovascular Disease	1,112	5.2%
Seventy-Five to Eighty-Four Years	5,717	26.9%	Dementia	886	4.2%
Eighty-Five Years and Older	5,671	26.7%	Diabetes Mellitus	778	3.7%
			Alzheimer's Disease	594	2.8%
			Nephritis, Nephrotic Syndrome and Nephrosis	428	2.0%
			Influenza and Pneumonia	416	2.0%
			All Other Causes (Residual)	4,748	22.3%

* Includes two deaths with an unknown race.

Out-of-State Occurrences
West Virginia Resident Deaths, 2006-2010
Table 18

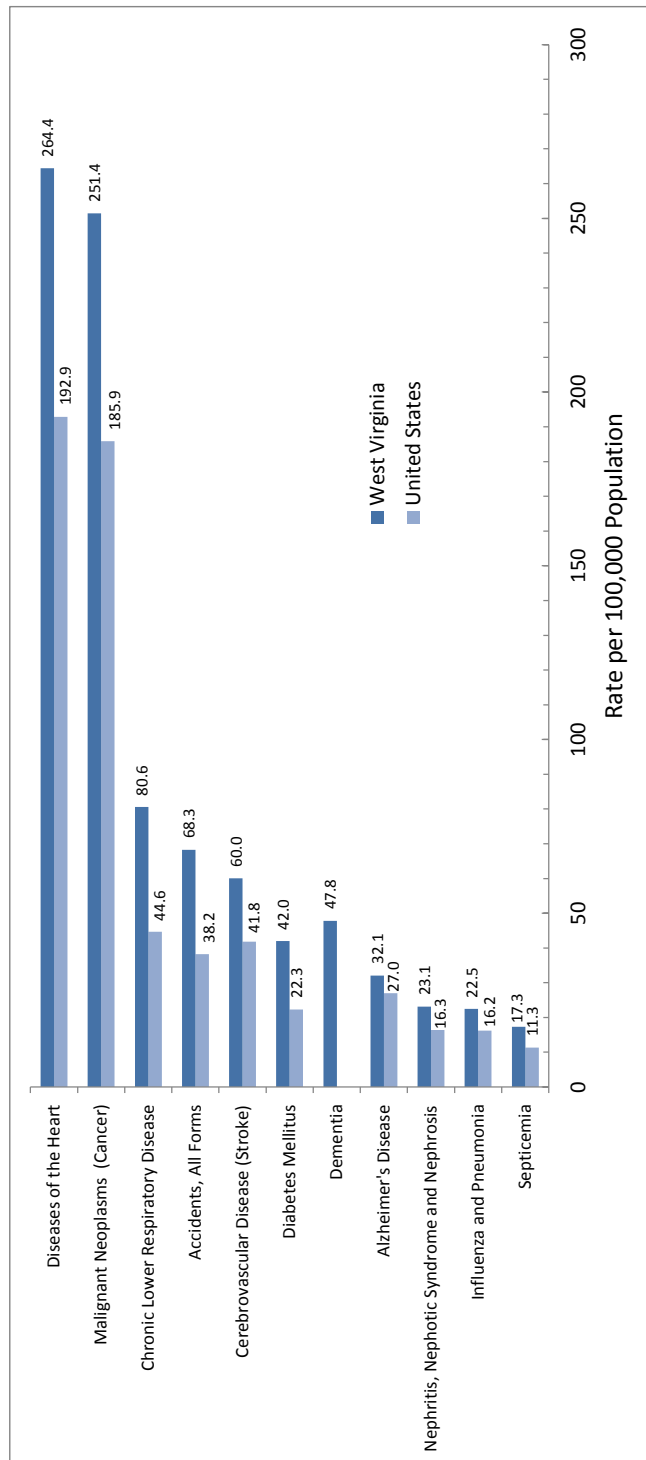
State of Occurrence	2006 Deaths	2007 Deaths	2008 Deaths	2009 Deaths	2010 Deaths
Ohio	547	562	574	566	574
Virginia	507	570	570	540	562
Maryland	255	292	268	286	282
Pennsylvania	189	191	178	194	192
Kentucky	161	148	140	148	138
North Carolina	50	55	45	58	59
Florida	37	45	42	47	57
Tennessee	25	20	30	17	27
South Carolina	11	12	8	20	15
District of Columbia	13	13	17	14	23
Georgia	5	0	6	15	10
Texas	6	3	4	7	10
All Other States/Countries	53	59	51	49	53
Total	1,859	1,970	1,933	1,961	2,002

Deaths to Out-of-State Residents
West Virginia Occurrence Deaths, 2006-2010
Table 19

State of Residence	2006 Deaths	2007 Deaths	2008 Deaths	2009 Deaths	2010 Deaths
Ohio	751	752	777	780	775
Virginia	195	204	188	196	206
Pennsylvania	204	175	198	174	188
Kentucky	177	170	187	193	152
Maryland	136	143	134	108	128
Florida	23	20	29	28	40
North Carolina	14	20	10	22	12
Michigan	6	8	9	10	12
Tennessee	4	10	6	7	12
South Carolina	7	10	6	5	10
New York	6	9	9	9	4
New Jersey	6	5	8	7	8
All Other States/Countries	52	44	42	62	37
Total	1,581	1,570	1,603	1,601	1,584

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2010 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
Diseases of the Heart	4,899	264.4	23.0%	595,444	192.9	24.1%
Malignant Neoplasms (Cancer)	4,659	251.4	21.9%	573,855	185.9	23.3%
Chronic Lower Respiratory Disease	1,493	80.6	7.0%	137,789	44.6	5.6%
Accidents, All Forms	1,265	68.3	5.9%	118,043	38.2	4.8%
Cerebrovascular Disease (Stroke)	1,112	60.0	5.2%	129,180	41.8	5.2%
Dementia	886	47.8	4.2%	Not Available		
Diabetes Mellitus	778	42.0	3.7%	68,905	22.3	2.8%
Alzheimer's Disease	594	32.1	2.8%	83,308	27.0	3.4%
Nephritis, Nephrotic Syndrome and Nephrosis	428	23.1	2.0%	50,472	16.3	2.0%
Influenza and Pneumonia	416	22.5	2.0%	50,003	16.2	2.0%
Septicemia	321	17.3	1.5%	34,843	11.3	1.4%
Total for Leading Causes	16,851	909.4	79.2%	1,841,842	596.6	74.7%
All Other Causes (Residual)	4,427	238.9	20.8%	624,094	202.1	25.3%
Total for All Causes	21,278	1,148.3	100.0%	2,465,936	798.7	100.0%

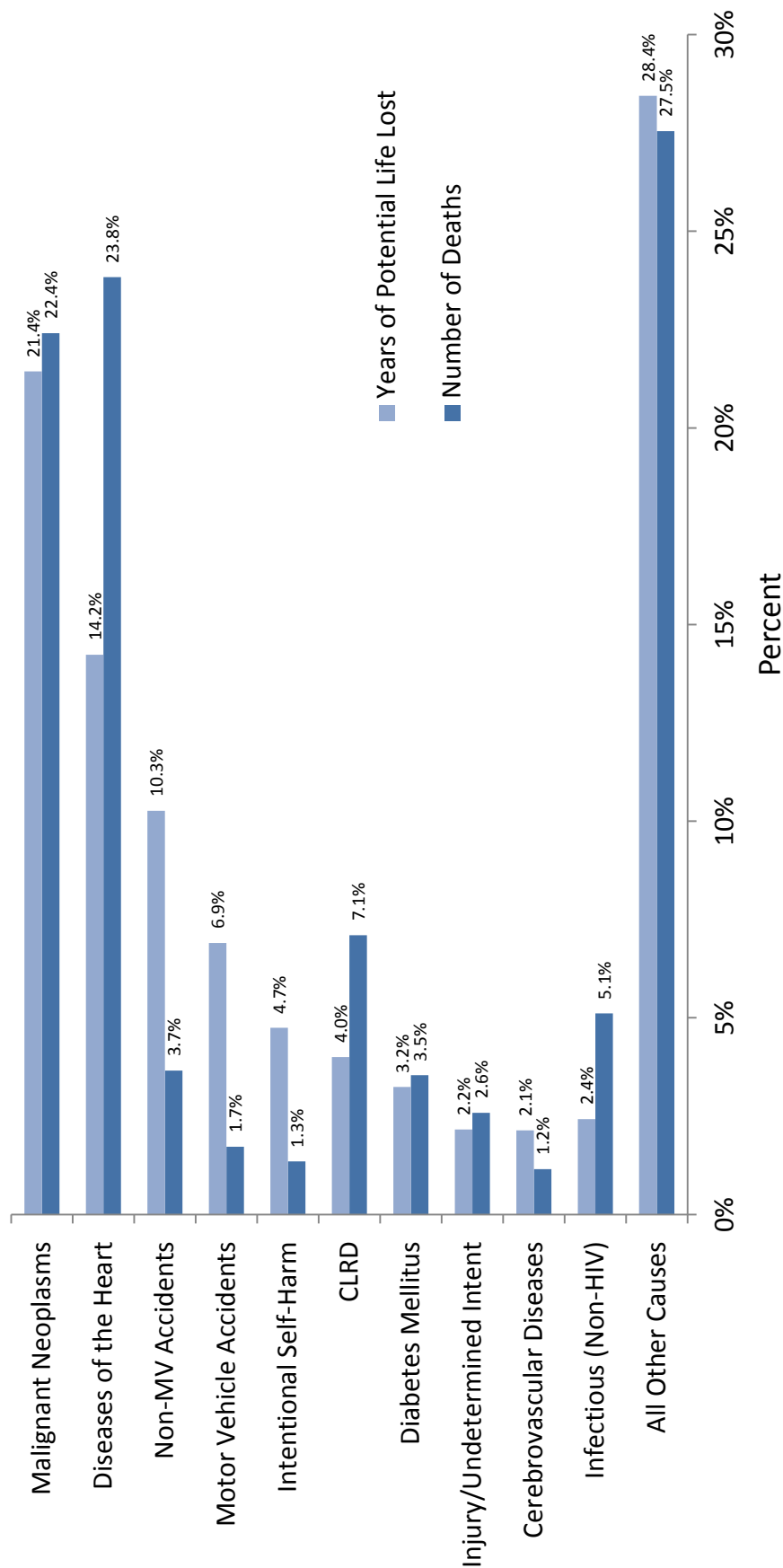
* National Vital Statistics Reports. Deaths: Preliminary Data for 2010. National Center for Health Statistics. http://www.cdc.gov/hchs/data/nvsr/nvsr60/nvsr60_04.pdf.
West Virginia Bureau for Public Health
Health Statistics Center, 2013

Number and Percent Distribution of Leading Causes of Death
by Years of Potential Life Lost Before Age 75 and Actual Deaths
West Virginia Residents 2009 and 2010
Table 20

Cause of Death	Years of Potential Life Lost Before Age 75				Actual Deaths			
	2009		2010		2009		2010	
	Number	Percent	Number	Percent	Number	Percent	Number	Number
All Causes	174,632	100.0%	170,981	100.0%	21,385	100.0%	21,278	100.0%
Malignant Neoplasms (Cancer)	37,441	21.4%	35,963	21.0%	4,792	22.4%	4,659	21.9%
Diseases of the Heart	24,859	14.2%	24,221	14.2%	5,097	23.8%	4,899	23.0%
Non-motor Vehicle Accidents	17,921	10.3%	23,098	13.5%	782	3.7%	952	4.5%
Motor Vehicle Accidents	12,059	6.9%	9,555	5.6%	368	1.7%	313	1.5%
Intentional Self-Harm (Suicides)	8,286	4.7%	7,822	4.6%	288	1.3%	294	1.4%
Chronic Lower Respiratory Diseases	6,987	4.0%	6,891	4.0%	1,519	7.1%	1,493	7.0%
Diabetes Mellitus	5,659	3.2%	5,765	3.4%	757	3.5%	778	3.7%
Infectious and Parasitic Diseases (excluding HIV)	3,773	2.2%	4,419	2.6%	553	2.6%	505	2.4%
Chronic Liver Disease and Cirrhosis	3,733	2.1%	3,929	2.3%	246	1.2%	238	1.1%
Cerebrovascular Diseases (Stroke)	4,238	2.4%	3,896	2.3%	1,093	5.1%	1,112	5.2%
Injury Undetermined Whether Accidental or Purposely Inflicted	4,258	2.4%	4,011	2.3%	134	0.6%	130	0.6%
Assault (Homicides)	3,445	2.0%	3,797	2.2%	99	0.5%	91	0.4%
Congenital Malformations	3,549	2.0%	3,045	1.8%	66	0.3%	69	0.3%
Sudden Infant Death Syndrome	2,384	1.4%	2,533	1.5%	32	0.1%	34	0.2%
Nephritis, Nephrotic Syndrome and Nephrosis	2,328	1.3%	2,057	1.2%	476	2.2%	428	2.0%
Influenza and Pneumonia	2,413	1.4%	1,654	1.0%	411	1.9%	416	2.0%
Other Respiratory Conditions of the Newborn (Non-RDS)	1,043	0.6%	1,192	0.7%	14	0.1%	16	0.1%
Obesity	1,272	0.7%	1,149	0.7%	62	0.3%	51	0.2%
Alcohol or Drug Psychoses, Dependence or Abuse	1,256	0.7%	1,003	0.6%	57	0.3%	55	0.3%
RDS/Birth Asphyxia	373	0.2%	820	0.5%	5	0.0%	11	0.1%
All Other Causes (Residual)	27,359	15.7%	23,469	13.7%	4,534	21.2%	4,734	22.2%

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Distribution of Years of Potential Life Lost and Number of Deaths West Virginia Resident Deaths, 2010 Exhibit 12



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Leading Causes of Death by Age Group and Gender
West Virginia, 2010
Table 21

Leading Causes of Death	Total, All Age Groups					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	10,719		10,559		21,278	
Diseases of the Heart	2,491	23.2%	2,408	22.8%	4,899	23.0%
Malignant Neoplasms (Cancer)	2,519	23.5%	2,140	20.3%	4,659	21.9%
Chronic Lower Respiratory Disease	744	6.9%	749	7.1%	1,493	7.0%
Accidents, All Forms	831	7.8%	434	4.1%	1,265	5.9%
Cerebrovascular Disease (Stroke)	420	3.9%	692	6.6%	1,112	5.2%
Dementia	259	2.4%	627	5.9%	886	4.2%
Diabetes Mellitus	390	3.6%	388	3.7%	778	3.7%
Alzheimer's Disease	173	1.6%	421	4.0%	594	2.8%
Nephritis, Nephrotic Syndrome and Nephrosis	223	2.1%	205	1.9%	428	2.0%
Influenza and Pneumonia	202	1.9%	214	2.0%	416	2.0%
All Other Causes (Residual)	2,467	23.0%	2,281	21.6%	4,748	22.3%

Leading Causes of Death	Less than One Year					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	81		69		150	
Sudden Infant Death Syndrome	20	24.7%	14	20.3%	34	22.7%
Congenital Malformations	10	12.3%	16	23.2%	26	17.3%
Other Respiratory and Cardiovascular Conditions of the Newborn	10	12.3%	5	7.2%	15	10.0%
Respiratory Distress Syndrome	5	6.2%	3	4.3%	8	5.3%
Disorders Relating to Short Gestation/Unspecified LBW	4	4.9%	3	4.3%	7	4.7%
Accidents, All Forms	2	2.5%	5	7.2%	7	4.7%
Infections Specific to the Perinatal Period	1	1.2%	5	7.2%	6	4.0%
Injury Undetermined Whether Accidental or Purposely Inflicted	3	3.7%	2	2.9%	5	3.3%
Assault (Homicides)	4	4.9%	0	0.0%	4	2.7%
Intrauterine Hypoxia and Birth Asphyxia	2	2.5%	2	2.9%	4	2.7%
Neonatal Digestive Disorders	2	2.5%	2	2.9%	4	2.7%
All Other Causes (Residual)	18	22.2%	12	17.4%	30	20.0%

Leading Causes of Death	One to Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	17		18		35	
Assault (Homicides)	5	29.4%	5	27.8%	10	28.6%
Accidents, All Forms	3	17.6%	5	27.8%	8	22.9%
Malignant Neoplasms (Cancer)	1	5.9%	2	11.1%	3	8.6%
Congenital Malformations	1	5.9%	1	5.6%	2	5.7%
Injury Undetermined Whether Accidental or Purposely Inflicted	1	5.9%	1	5.6%	2	5.7%
All Other Causes (Residual)	6	35.3%	4	22.2%	10	28.6%

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

Leading Causes of Death by Age Group and Gender
West Virginia 2010
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	11		5		16	
Accidents, All Forms	5	45.5%	1	20.0%	6	37.5%
Malignant Neoplasms (Cancer)	2	18.2%	1	20.0%	3	18.8%
Congenital Malformations	1	9.1%	1	20.0%	2	12.5%
All Other Causes (Residual)	3	27.3%	2	40.0%	5	31.3%

Leading Causes of Death	Ten to Fourteen Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	11		7		18	
Accidents, All Forms	2	18.2%	1	14.3%	3	16.7%
Malignant Neoplasms (Cancer)	0	0.0%	2	28.6%	2	11.1%
Intentional Self-Harm (Suicides)	2	18.2%	0	0.0%	2	11.1%
Diseases of the Heart	2	18.2%	0	0.0%	2	11.1%
Injury Undetermined Whether Accidental or Purposely Inflicted	1	9.1%	1	14.3%	2	11.1%
All Other Causes (Residual)	4	36.4%	3	42.9%	7	38.9%

Leading Causes of Death	Fifteen to Twenty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	149		60		209	
Accidents, All Forms	78	52.3%	30	50.0%	108	51.7%
Intentional Self-Harm (Suicides)	23	15.4%	1	1.7%	24	11.5%
Malignant Neoplasms (Cancer)	7	4.7%	5	8.3%	12	5.7%
Diseases of the Heart	8	5.4%	2	3.3%	10	4.8%
Assault (Homicides)	8	5.4%	1	1.7%	9	4.3%
Injury Undetermined Whether Accidental or Purposely Inflicted	6	4.0%	2	3.3%	8	3.8%
Congenital Malformations	1	0.7%	2	3.3%	3	1.4%
Obesity	2	1.3%	1	1.7%	3	1.4%
Benign Neoplasms	1	0.7%	1	1.7%	2	1.0%
All Other Causes (Residual)	15	10.1%	15	25.0%	30	14.4%

Leading Causes of Death	Twenty-Five to Thirty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	245		124		369	
Accidents, All Forms	116	47.3%	57	46.0%	173	46.9%
Intentional Self-Harm (Suicides)	37	15.1%	6	4.8%	43	11.7%
Injury Undetermined Whether Accidental or Purposely Inflicted	10	4.1%	13	10.5%	23	6.2%
Assault (Homicides)	14	5.7%	8	6.5%	22	6.0%
Diseases of the Heart	16	6.5%	6	4.8%	22	6.0%
Malignant Neoplasms (Cancer)	12	4.9%	5	4.0%	17	4.6%
Cerebrovascular Disease (Stroke)	2	0.8%	4	3.2%	6	1.6%
Diabetes Mellitus	5	2.0%	1	0.8%	6	1.6%
Chronic Liver Disease and Cirrhosis	5	2.0%	1	0.8%	6	1.6%
All Other Causes (Residual)	28	11.4%	23	18.5%	51	13.8%

Leading Causes of Death by Age Group and Gender
West Virginia 2010
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	415		246		661	
Accidents, All Forms	165	39.8%	66	26.8%	231	34.9%
Malignant Neoplasms (Cancer)	41	9.9%	50	20.3%	91	13.8%
Diseases of the Heart	56	13.5%	32	13.0%	88	13.3%
Intentional Self-Harm (Suicides)	44	10.6%	5	2.0%	49	7.4%
Injury Undetermined Whether Accidental or Purposely Inflicted	10	2.4%	11	4.5%	21	3.2%
Assault (Homicides)	13	3.1%	6	2.4%	19	2.9%
Chronic Liver Disease and Cirrhosis	14	3.4%	5	2.0%	19	2.9%
Diabetes Mellitus	8	1.9%	5	2.0%	13	2.0%
All Other Causes (Residual)	64	15.4%	66	26.8%	130	19.7%

Leading Causes of Death	Forty-Five to Fifty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	990		588		1,578	
Malignant Neoplasms (Cancer)	216	21.8%	190	32.3%	406	25.7%
Diseases of the Heart	172	17.4%	81	13.8%	253	16.0%
Accidents, All Forms	177	17.9%	61	10.4%	238	15.1%
Diabetes Mellitus	42	4.2%	36	6.1%	78	4.9%
Intentional Self-Harm (Suicides)	55	5.6%	12	2.0%	67	4.2%
Chronic Lower Respiratory Disease	27	2.7%	36	6.1%	63	4.0%
Chronic Liver Disease and Cirrhosis	42	4.2%	19	3.2%	61	3.9%
Cerebrovascular Disease (Stroke)	25	2.5%	16	2.7%	41	2.6%
Injury Undetermined Whether Accidental or Purposely Inflicted	17	1.7%	16	2.7%	33	2.1%
Septicemia	14	1.4%	14	2.4%	28	1.8%
All Other Causes (Residual)	203	20.5%	107	18.2%	310	19.6%

Leading Causes of Death	Fifty-Five to Sixty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	1,794		1,098		2,892	
Malignant Neoplasms (Cancer)	537	29.9%	391	35.6%	928	32.1%
Diseases of the Heart	392	21.9%	169	15.4%	561	19.4%
Chronic Lower Respiratory Disease	112	6.2%	96	8.7%	208	7.2%
Diabetes Mellitus	93	5.2%	62	5.6%	155	5.4%
Accidents, All Forms	112	6.2%	39	3.6%	151	5.2%
Cerebrovascular Disease (Stroke)	47	2.6%	40	3.6%	87	3.0%
Chronic Liver Disease and Cirrhosis	54	3.0%	24	2.2%	78	2.7%
Septicemia	24	1.3%	32	2.9%	56	1.9%
Nephritis, Nephrotic Syndrome and Nephrosis	31	1.7%	24	2.2%	55	1.9%
Intentional Self-Harm (Suicides)	40	2.2%	13	1.2%	53	1.8%
All Other Causes (Residual)	352	19.6%	208	18.9%	560	19.4%

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

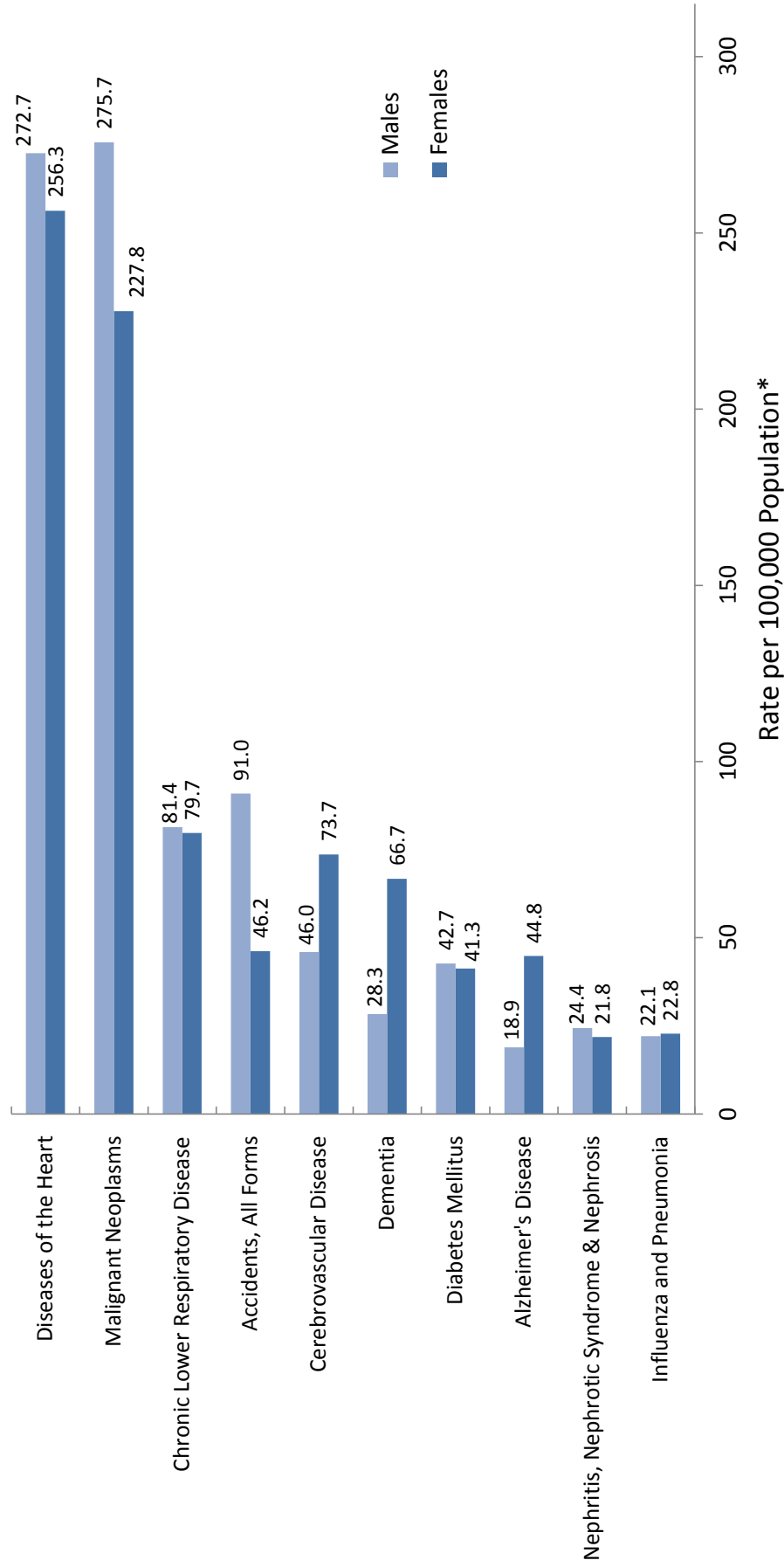
Leading Causes of Death by Age Group and Gender
West Virginia 2010
Table 21 (Cont'd)

Leading Causes of Death	Sixty-Five to Seventy-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	2,237		1,725		3,962	
Malignant Neoplasms (Cancer)	749	33.5%	526	30.5%	1,275	32.2%
Diseases of the Heart	537	24.0%	321	18.6%	858	21.7%
Chronic Lower Respiratory Disease	210	9.4%	189	11.0%	399	10.1%
Cerebrovascular Disease (Stroke)	75	3.4%	90	5.2%	165	4.2%
Diabetes Mellitus	86	3.8%	70	4.1%	156	3.9%
Accidents, All Forms	61	2.7%	37	2.1%	98	2.5%
Nephritis, Nephrotic Syndrome and Nephrosis	44	2.0%	44	2.6%	88	2.2%
Dementia	22	1.0%	39	2.3%	61	1.5%
Septicemia	29	1.3%	32	1.9%	61	1.5%
Influenza and Pneumonia	32	1.4%	27	1.6%	59	1.5%
All Other Causes (Residual)	392	17.5%	350	20.3%	742	18.7%

Leading Causes of Death	Seventy-Five to Eighty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	2,829		2,888		5,717	
Diseases of the Heart	704	24.9%	689	23.9%	1,393	24.4%
Malignant Neoplasms (Cancer)	686	24.2%	605	20.9%	1,291	22.6%
Chronic Lower Respiratory Disease	264	9.3%	253	8.8%	517	9.0%
Cerebrovascular Disease (Stroke)	133	4.7%	208	7.2%	341	6.0%
Dementia	103	3.6%	179	6.2%	282	4.9%
Diabetes Mellitus	103	3.6%	115	4.0%	218	3.8%
Alzheimer's Disease	74	2.6%	115	4.0%	189	3.3%
Nephritis, Nephrotic Syndrome and Nephrosis	75	2.7%	58	2.0%	133	2.3%
Influenza and Pneumonia	64	2.3%	62	2.1%	126	2.2%
Accidents, All Forms	52	1.8%	49	1.7%	101	1.8%
All Other Causes (Residual)	571	20.2%	555	19.2%	1,126	19.7%

Leading Causes of Death	Eighty-Five Years and Over					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	1,940		3,731		5,671	
Diseases of the Heart	602	31.0%	1,107	29.7%	1,709	30.1%
Malignant Neoplasms (Cancer)	268	13.8%	363	9.7%	631	11.1%
Dementia	128	6.6%	406	10.9%	534	9.4%
Cerebrovascular Disease (Stroke)	133	6.9%	328	8.8%	461	8.1%
Alzheimer's Disease	79	4.1%	281	7.5%	360	6.3%
Chronic Lower Respiratory Disease	128	6.6%	171	4.6%	299	5.3%
Influenza and Pneumonia	71	3.7%	101	2.7%	172	3.0%
Diabetes Mellitus	52	2.7%	99	2.7%	151	2.7%
Accidents, All Forms	58	3.0%	83	2.2%	141	2.5%
Nephritis, Nephrotic Syndrome and Nephrosis	54	2.8%	71	1.9%	125	2.2%
Essential Hypertension and Hypertensive Renal Disease	25	1.3%	74	2.0%	99	1.7%
All Other Causes (Residual)	342	17.6%	647	17.3%	989	17.4%

2010 Ten Leading Causes of Death by Gender West Virginia Resident Death Rates* Exhibit 13



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*Using 2010 Census data for WV
Males = 913,586; Females = 939,408

Types of Firearm Injury Deaths by Age Group and Gender
West Virginia Residents, 2010
Table 22

	Age in Years									Total
	0-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	
Total										
Accidental	0	0	0	0	0	0	0	0	1	1
Intentional Self-Harm (Suicide)	0	1	8	10	32	30	50	36	50	217
Assault (Homicide)	0	1	0	4	17	8	12	2	1	45
Legal Intervention	0	0	0	0	1	1	1	0	1	4
Undetermined	0	0	0	0	1	1	0	0	1	3
Total	0	2	8	14	51	40	63	38	54	270
Male										
Accidental	0	0	0	0	0	0	0	0	1	1
Intentional Self-Harm (Suicide)	0	1	7	10	28	27	45	30	47	195
Assault (Homicide)	0	1	0	4	11	6	10	1	1	34
Legal Intervention	0	0	0	0	1	1	1	0	1	4
Undetermined	0	0	0	0	0	0	0	0	1	1
Total	0	2	7	14	40	34	56	31	51	235
Female										
Accidental	0	0	0	0	0	0	0	0	0	0
Intentional Self-Harm (Suicide)	0	0	1	0	4	3	5	6	3	22
Assault (Homicide)	0	0	0	0	6	2	2	1	0	11
Legal Intervention	0	0	0	0	0	0	0	0	0	0
Undetermined	0	0	0	0	1	1	0	0	0	2
Total	0	0	1	0	11	6	7	7	3	35

Non-Transport Accidental Injury Deaths
Place Where Injury Occurred
West Virginia Residents, 2010
Table 23

Place of Injury	Male	Female	Total
Home	244	173	417
Farm	0	0	0
Mine and Quarry	34	0	34
Industrial Places	2	0	2
Recreational Places	5	0	5
Street and Highway	2	0	2
Resident Institution	0	0	0
Other Specified Places	242	121	363
Unspecified Places	39	30	69
Total	568	324	892

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Causes of Resident Deaths: Number and Rate
West Virginia, 2010
Table 24

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
A00-Z99*	Total Deaths, All Causes	21,278	11.5
A00-B99	Certain Infectious and Parasitic Diseases	517	27.9
A00-A09	Intestinal Infectious Diseases	97	5.2
A04	Other Bacterial Intestinal Infections	73	3.9
A08	Viral and Other Specified Intestinal Infections	1	0.1
A09	Diarrhoea and Gastroenteritis of Presumed Infectious Origin	23	1.2
A20-A28	Certain Zoonotic Bacterial Diseases	1	0.1
A28	Other Zoonotic Bacterial Diseases, Not Elsewhere Classified	1	0.1
A30-A49	Other Bacterial Diseases	334	18.0
A31	Infection due to Other Mycobacteria	1	0.1
A36	Diphtheria	1	0.1
A40	Streptococcal Septicemia	3	0.2
A41	Other Septicemia	318	17.2
A49	Bacterial Infection of Unspecified Site	11	0.6
A80-A89	Viral Infections of the Central Nervous System	5	0.3
A81	Slow Virus Infections of Central Nervous System	5	0.3
B00-B09	Viral Infections Characterized by Skin and Mucous Membrane Lesions	4	0.2
B00	Herpesviral [Herpes Simplex] Infection	2	0.1
B02	Zoster [Herpes Zoster]	1	0.1
B06	Rubella [German Measles]	1	0.1
B15-B19	Viral Hepatitis	43	2.3
B16	Acute Hepatitis B	5	0.3
B17	Other Acute Viral Hepatitis	1	0.1
B18	Chronic Viral Hepatitis	37	2.0
B20-B24	Human Immunodeficiency Virus [HIV] Disease	12	0.6
B20	Human Immunodeficiency Virus [HIV] Disease Resulting in Infectious and Parasitic Diseases	3	0.2
B22	Human Immunodeficiency Virus [HIV] Disease Resulting in Other Specified Diseases	3	0.2
B23	Human Immunodeficiency Virus [HIV] Disease Resulting in Other Conditions	4	0.2
B24	Unspecified Human Immunodeficiency Virus [HIV] Disease	2	0.1
B25-B34	Other Viral Diseases	4	0.2
B25	Cytomegaloviral Disease	1	0.1
B34	Viral Infection of Unspecified Site	3	0.2
B35-B49	Mycoses	12	0.6
B37	Candidiasis	6	0.3
B40	Blastomycosis	2	0.1
B44	Aspergillosis	1	0.1
B45	Cryptococcosis	1	0.1
B49	Unspecified Mycosis	2	0.1
B50-B64	Protozoal Diseases	1	0.1
B59	Pneumocystis	1	0.1
B65-B83	Helminthiases	1	0.1
B81	Other Intestinal Helminthiases, Not Elsewhere Classified	1	0.1
B90-B94	Sequelae of Infectious and Parasitic Diseases	1	0.1
B91	Sequelae of Poliomyelitis	1	0.1
B99	Other Infectious Diseases	2	0.1
B99	Other and Unspecified Infectious Diseases	2	0.1
C00-D48	Neoplasms	4,770	257.4
C00-C97	Malignant Neoplasms	4,659	251.4
C00	Malignant Neoplasm of Lip	1	0.1
C02	Malignant Neoplasm of Other and Unspecified Parts of Tongue	5	0.3
C04	Malignant Neoplasm of Floor of Mouth	2	0.1
C06	Malignant Neoplasm of Other and Unspecified Parts of Mouth	17	0.9
C07	Malignant Neoplasm of Parotid Gland	4	0.2
C08	Malignant Neoplasm of Other and Unspecified Major Salivary Glands	2	0.1
C09	Malignant Neoplasm of Tonsil	7	0.4
C10	Malignant Neoplasm of Oropharynx	5	0.3
C11	Malignant Neoplasm of Nasopharynx	7	0.4
C12	Malignant Neoplasm of Pyriform Sinus	1	0.1
C13	Malignant Neoplasm of Hypopharynx	2	0.1
C14	Malignant Neoplasm of Other and Ill-Defined Sites in the Lip, Oral Cavity and Pharynx	11	0.6
C15-C26	Malignant Neoplasms of Digestive Organs	969	52.3

*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, 2010
Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
C15	Malignant Neoplasm of Esophagus	118	6.4
C16	Malignant Neoplasm of Stomach	64	3.5
C17	Malignant Neoplasm of Small Intestine	13	0.7
C18	Malignant Neoplasm of Colon	303	16.4
C19	Malignant Neoplasm of Rectosigmoid Junction	15	0.8
C20	Malignant Neoplasm of Rectum	71	3.8
C21	Malignant Neoplasm of Anus and Anal Canal	2	0.1
C22	Malignant Neoplasm of Liver and Intrahepatic Bile Ducts	122	6.6
C23	Malignant Neoplasm of Gallbladder	17	0.9
C24	Malignant Neoplasm of Other and Unspecified Parts of the Biliary Tract	12	0.6
C25	Malignant Neoplasm of Pancreas	215	11.6
C26	Malignant Neoplasm of Other and Ill-Defined Digestive Organs	17	0.9
C30-C39	Malignant Neoplasms of Respiratory and Intrathoracic Organs	1,583	85.4
C31	Malignant Neoplasm of Accessory Sinuses	4	0.2
C32	Malignant Neoplasm of Larynx	35	1.9
C34	Malignant Neoplasm of Bronchus and Lung	1,530	82.6
C38	Malignant Neoplasm of Heart, Mediastinum and Pleura	5	0.3
C39	Malignant Neoplasm of Other and Ill-Defined Sites in the Respiratory System and Intrathoracic Organs	9	0.5
C40-C41	Malignant Neoplasms of Bone and Articular Cartilage	3	0.2
C41	Malignant Neoplasm of Bone and Articular Cartilage of Other and Unspecified Sites	3	0.2
C43-C44	Melanoma and Other Malignant Neoplasms of Skin	109	5.9
C43	Malignant Neoplasm of Skin	80	4.3
C44	Other Malignant Neoplasms of Skin	29	1.6
C45-C49	Malignant Neoplasms of Mesothelial and Soft Tissue	55	3.0
C45	Mesothelioma	24	1.3
C46	Kaposi's Sarcoma	1	0.1
C47	Malignant Neoplasm of Peripheral Nerves and Autonomic Nervous System	1	0.1
C48	Malignant Neoplasm of Retroperitoneum and Peritoneum	6	0.3
C49	Malignant Neoplasm of Other Connective and Soft Tissue	23	1.2
C50	Malignant Neoplasm of Breast	276	14.9
C50	Malignant Neoplasm of Breast	276	14.9
C51-C58	Malignant Neoplasms of Female Genital Organs	219	11.8
C51	Malignant Neoplasm of Vulva	16	0.9
C52	Malignant Neoplasm of Vagina	2	0.1
C53	Malignant Neoplasm of Cervix Uteri	30	1.6
C54	Malignant Neoplasm of Corpus Uteri	27	1.5
C55	Malignant Neoplasm of Uterus, Part Unspecified	34	1.8
C56	Malignant Neoplasm of Ovary	103	5.6
C57	Malignant Neoplasm of Other and Unspecified Female Genital Organs	7	0.4
C60-C63	Malignant Neoplasms of Male Genital Organs	181	9.8
C60	Malignant Neoplasm of Penis	2	0.1
C61	Malignant Neoplasm of Prostate	175	9.4
C62	Malignant Neoplasm of Testis	4	0.2
C64-C68	Malignant Neoplasms of Urinary Tract	225	12.1
C64	Malignant Neoplasm of Kidney, Except Renal Pelvis	107	5.8
C66	Malignant Neoplasm of Ureter	4	0.2
C67	Malignant Neoplasm of Bladder	107	5.8
C68	Malignant Neoplasm of Other and Unspecified Urinary Organs	7	0.4
C69-C72	Malignant Neoplasms of Eye, Brain and Other Parts of Central Nervous System	107	5.8
C69	Malignant Neoplasm of Eye and Adnexa	3	0.2
C70	Malignant Neoplasm of Meninges	2	0.1
C71	Malignant Neoplasm of Brain	101	5.5
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	27	1.5
C73	Malignant Neoplasm of Thyroid Gland	19	1.0
C74	Malignant Neoplasm of Adrenal Gland	6	0.3
C75	Malignant Neoplasm of Other Endocrine Glands and Related Structures	2	0.1
C76-C80	Malignant Neoplasms of Ill-Defined, Secondary and Unspecified Sites	285	15.4
C76	Malignant Neoplasm of Other and Ill-Defined Sites	41	2.2
C77	Secondary and Unspecified Malignant Neoplasm of Lymph Nodes	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, 2010
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	26	1.4
C79	Secondary Malignant Neoplasm of Other Sites	25	1.3
C80	Malignant Neoplasm without Specification of Site	192	10.4
C81-C96	Malignant Neoplasms of Lymphoid, Hematopoietic and Related Tissue	407	22.0
C81	Hodgkin's Disease	12	0.6
C82	Follicular [Nodular] Non-Hodgkin's Lymphoma	4	0.2
C83	Diffuse Non-Hodgkin's Lymphoma	27	1.5
C84	Peripheral and Cutaneous T-Cell Lymphoma	10	0.5
C85	Other and Unspecified Types of Non-Hodgkin's Lymphoma	130	7.0
C90	Multiple Myeloma and Malignant Plasma Cell Neoplasms	70	3.8
C91	Lymphoid Leukemia	53	2.9
C92	Myeloid Leukemia	64	3.5
C93	Monocytic Leukemia	1	0.1
C95	Leukemia of Unspecified Cell Type	36	1.9
C97	Malignant Neoplasm of Independent (Primary) Multiple Sites	149	8.0
C97	Malignant Neoplasm of Independent (Primary) Multiple Sites	149	8.0
D10-D36	Benign Neoplasms	9	0.5
D13	Benign Neoplasm of Other and Ill-Defined Parts of Digestive System	1	0.1
D15	Benign Neoplasm of Other and Unspecified Intrathoracic Organs	2	0.1
D18	Hemangioma and Lymphangioma, Any Site	1	0.1
D32	Benign Neoplasm of Meninges	5	0.3
D37-D48	Neoplasms of Uncertain or Unknown Behavior	102	5.5
D37	Neoplasm of Uncertain or Unknown Behavior of Oral Cavity and Digestive Organs	5	0.3
D38	Neoplasm of Uncertain or Unknown Behavior of Middle Ear and Respiratory and Intrathoracic Organs	6	0.3
D39	Neoplasm of Uncertain or Unknown Behavior of Female Genital Organs	1	0.1
D41	Neoplasm of Uncertain or Unknown Behavior of Urinary Organs	2	0.1
D43	Neoplasm of Uncertain or Unknown Behavior of Brain and Central Nervous System	26	1.4
D44	Neoplasm of Uncertain or Unknown Behavior of Endocrine Glands	2	0.1
D45	Polycythemia Vera	1	0.1
D46	Myelodysplastic Syndromes	38	2.1
D47	Other Neoplasm of Uncertain or Unknown Behavior of Lymphoid, Hematopoietic and Related Tissue	9	0.5
D48	Neoplasm of Uncertain or Unknown Behavior of Other and Unspecified Sites	12	0.6
D50-D89	Disease of the Blood and Blood-forming Organs and Certain Disorders Involving the Immune Mechanism	82	4.4
D50-D53	Nutritional Anemias	1	0.1
D53	Other Nutritional Anemias	1	0.1
D55-D59	Hemolytic Anemias	1	0.1
D58	Other Hereditary Hemolytic Anemias	1	0.1
D60-D64	Aplastic and Other Anemias	28	1.5
D61	Other Aplastic Anemias	5	0.3
D64	Other Anemias	23	1.2
D65-D69	Coagulation Defects, Purpura and Other Hemorrhagic Conditions	29	1.6
D65	Disseminated Intravascular Coagulation [Defibrination Syndrome]	7	0.4
D68	Other Coagulation Defects	10	0.5
D69	Purpura and Other Hemorrhagic Conditions	12	0.6
D70-D77	Other Diseases of Blood and Blood-forming Organs	6	0.3
D70	Agranulocytosis	4	0.2
D72	Other Disorders of White Blood Cells	1	0.1
D75	Other Diseases of Blood and-Blood forming Organs	1	0.1
D80-D89	Certain Disorders Involving the Immune Mechanism	17	0.9
D80	Immunodeficiency with Predominantly Antibody Defects	1	0.1
D81	Combined Immunodeficiencies	1	0.1
D84	Other Immunodeficiencies	3	0.2
D86	Sarcoidosis	7	0.4
D89	Other Disorders Involving the Immune Mechanism, Not Elsewhere Classified	5	0.3
E00-E90	Endocrine, Nutritional and Metabolic Diseases	1,092	58.9
E00-E07	Disorders of Thyroid Gland	30	1.6
E03	Other Hypothyroidism	26	1.4
E05	Thyrotoxicosis [Hyperthyroidism]	1	0.1
E06	Thyroiditis	1	0.1
E07	Other Disorders of Thyroid	2	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, 2010
Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
E10-E14	Diabetes Mellitus	778	42.0
E10	Insulin-Dependent Diabetes Mellitus	55	3.0
E11	Non-Insulin-Dependent Diabetes Mellitus	251	13.5
E14	Unspecified Diabetes Mellitus	472	25.5
E20-E35	Disorders of Other Endocrine Glands	6	0.3
E21	Hypoparathyroidism and Other Disorders of Parathyroid Gland	1	0.1
E22	Hyperfunction of Pituitary Gland	1	0.1
E23	Hyperfunction and Other Disorders of Pituitary Gland	1	0.1
E27	Other Disorders of Adrenal Gland	3	0.2
E40-E46	Malnutrition	14	0.8
E43	Unspecified Severe Protein-Energy Malnutrition	4	0.2
E46	Unspecified Protein-Energy Malnutrition	10	0.5
E50-E64	Other Nutritional Deficiencies	1	0.1
E53	Deficiency of Other B Group Vitamins	1	0.1
E65-E68	Obesity and Other Hyperalimentation	51	2.8
E66	Obesity	51	2.8
E70-E90	Metabolic Disorders	212	11.4
E72	Other Disorders of Amino-Acid Metabolism	4	0.2
E75	Disorders of Sphingolipid Metabolism and Other Lipid Storage Disorders	1	0.1
E78	Disorders of Lipoprotein Metabolism and Other Lipidemias	109	5.9
E83	Disorders of Mineral Metabolism	2	0.1
E84	Cystic Fibrosis	4	0.2
E85	Amyloidosis	3	0.2
E86	Volume Depletion	20	1.1
E87	Other Disorders of Fluid, Electrolyte and Acid-Base Balance	59	3.2
E88	Other Metabolic Disorders	10	0.5
F00-F99	Mental and Behavioral Disorders	973	52.5
F00-F09	Organic, Including Symptomatic, Mental Disorders	899	48.5
F01	Vascular Dementia	73	3.9
F03	Unspecified Dementia	813	43.9
F05	Delirium, Not Induced by Alcohol and Other Psychoactive Substances	1	0.1
F06	Other Mental Disorders due to Brain Damage and Dysfunction and to Physical Disease	12	0.6
F10-F19	Mental and Behavioral Disorders due to Psychoactive Substance Use	55	3.0
F10	Mental and Behavioral Disorders due to Use of Alcohol	46	2.5
F11	Mental and Behavioral Disorders due to Use of Opioids	1	0.1
F17	Mental and Behavioral Disorders due to Use of Tobacco	2	0.1
F19	Mental and Behavioral Disorders due to Multiple Drug Use and Use of Other Psychoactive Substances	6	0.3
F20-F29	Schizophrenia, Schizotypal and Delusional Disorders	6	0.3
F20	Schizophrenia	6	0.3
F30-F39	Mood [Affective] Disorders	3	0.2
F32	Depressive Episode	3	0.2
F50-F59	Behavioral Syndromes Associated with Physiological Disturbances and Physical Factors	2	0.1
F54	Psychological and Behavioral Factors Associated with Disorders or Diseases Classified Elsewhere	2	0.1
F70-F79	Mental Retardation	7	0.4
F79	Unspecified Mental Retardation	7	0.4
F80-F89	Disorders of Psychological Development	1	0.1
F84	Pervasive Developmental Disorders	1	0.1
G00-G99	Diseases of the Nervous System	994	53.6
G00-G09	Inflammatory Diseases of the Central Nervous System	10	0.5
G00	Bacterial Meningitis, Not Elsewhere Classified	2	0.1
G03	Meningitis due to Other and Unspecified Causes	3	0.2
G04	Encephalitis, Myelitis and Encephalomyelitis	1	0.1
G06	Intracranial and Intraspinal Abscess and Granuloma	3	0.2
G09	Sequelae of Inflammatory Diseases of Central Nervous System	1	0.1
G10-G13	Systemic Atrophies Primarily Affecting the Central Nervous System	59	3.2
G10	Huntington's Disease	4	0.2
G11	Hereditary Ataxia	5	0.3
G12	Spinal Muscular Atrophy and Related Syndromes	50	2.7
G20-G26	Extrapyramidal and Movement Disorders	153	8.3
G20	Parkinson's Disease	150	8.1
G21	Secondary Parkinsonism	2	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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Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
G25	Other Extrapyrimal and Movement Disorders	1	0.1
G30-G32	Other Degenerative Diseases of the Nervous System	608	32.8
G30	Alzheimer's Disease	594	32.1
G31	Other Degenerative Diseases of Nervous System, Not Elsewhere Classified	14	0.8
G35-G37	Demyelinating Diseases of the Central Nervous System	30	1.6
G35	Multiple Sclerosis	26	1.4
G37	Other Demyelinating	4	0.2
G40-G47	Episodic and Paroxysmal Disorders	15	0.8
G40	Epilepsy	1	0.1
G41	Status Epilepticus	5	0.3
G45	Transient Cerebral Ischemic Attacks and Related Syndromes	2	0.1
G47	Sleep Disorders	7	0.4
G60-G64	Polynuropathies and Other Disorders of the Peripheral Nervous System	5	0.3
G60	Hereditary and Idiopathic Neuropathy	1	0.1
G61	Inflammatory Polyneuropathy	4	0.2
G70-G73	Diseases of Myoneural Junction and Muscle	19	1.0
G70	Myasthenia Gravis and Other Myoneural Disorders	7	0.4
G71	Primary Disorders of Muscles	11	0.6
G72	Other Myopathies	1	0.1
G80-G83	Cerebral Palsy and Other Paralytic Syndromes	19	1.0
G80	Infantile Cerebral Palsy	12	0.6
G82	Paraplegia and Tetraplegia	7	0.4
G90-G99	Other Disorders of the Nervous System	76	4.1
G91	Hydrocephalus	3	0.2
G92	Toxic Encephalopathy	2	0.1
G93	Other Disorders of Brain	67	3.6
G95	Other Diseases of Spinal Cord	3	0.2
G96	Other Disorders of Central Nervous System	1	0.1
H60-H95	Diseases of the Ear	1	0.1
H65-H75	Diseases of Middle Ear and Mastoid	1	0.1
H70	Mastoiditis and Related Conditions	1	0.1
I00-I99	Diseases of the Circulatory System	6,578	355.0
I00-I09, I11, I13, I20-I51	Diseases of the Heart	4,899	264.4
I05-I09	Chronic Rheumatic Heart Diseases	18	1.0
I05	Rheumatic Mitral Valve Diseases	9	0.5
I07	Rheumatic Tricuspid Valve Diseases	2	0.1
I08	Multiple Valve Diseases	5	0.3
I09	Other Rheumatic Heart Diseases	2	0.1
I10-I15	Hypertensive Diseases	403	21.7
I10	Essential (Primary) Hypertension	172	9.3
I11	Hypertensive Heart Disease	115	6.2
I12	Hypertensive Renal Disease	98	5.3
I13	Hypertensive Heart and Renal Disease	18	1.0
I20-I25	Ischemic Heart Diseases	3,137	169.3
I20	Angina Pectoris	1	0.1
I21	Acute Myocardial Infarction	1,046	56.4
I22	Subsequent Myocardial Infarction	1	0.1
I24	Other Acute Ischemic Heart Diseases	18	1.0
I25	Chronic Ischemic Heart Disease	2,071	111.8
I26-I28	Pulmonary Heart Disease and Diseases of Pulmonary Circulation	80	4.3
I26	Pulmonary Embolism	43	2.3
I27	Other Pulmonary Heart Diseases	37	2.0
I30-I52	Other forms of Heart Diseases	1,531	82.6
I31	Other Diseases of Pericardium	3	0.2
I33	Acute and Subacute Endocarditis	8	0.4
I34	Nonrheumatic Mitral Valve Disorders	13	0.7
I35	Nonrheumatic Aortic Valve Disorders	68	3.7
I38	Endocarditis, Valve Unspecified	32	1.7

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ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
I44	Atrioventricular and Left Bundle-Branch Block	3	0.2
I45	Other Conduction Disorders	5	0.3
I46	Cardiac Arrest	336	18.1
I47	Paroxysmal Tachycardia	12	0.6
I48	Atrial Fibrillation and Flutter	177	9.6
I49	Other Cardiac Arrhythmias	59	3.2
I50	Heart Failure	596	32.2
I51	Complications and Ill-Defined Descriptions of Heart Disease	69	3.7
I60-I69	Cerebrovascular Diseases	1,112	60.0
I60	Subarachnoid Hemorrhage	46	2.5
I61	Intracerebral Hemorrhage	144	7.8
I62	Other Nontraumatic Intracranial Hemorrhage	76	4.1
I63	Cerebral Infarction	83	4.5
I64	Stroke, Not Specified as Hemorrhage or Infarction	631	34.1
I67	Other Cerebrovascular Diseases	80	4.3
I69	Sequelae of Cerebrovascular Disease	52	2.8
I70-I79	Diseases of Arteries, Arterioles and Capillaries	236	12.7
I70	Atherosclerosis	72	3.9
I71	Aortic Aneurysm and Dissection	79	4.3
I72	Other Aneurysm	5	0.3
I73	Other Peripheral Vascular Diseases	69	3.7
I74	Arterial Embolism and Thrombosis	5	0.3
I77	Other Disorders of Arteries and Arterioles	5	0.3
I78	Diseases of Capillaries	1	0.1
I80-I89	Diseases of Veins, Lymphatic Vessels and Lymph Nodes, Not Elsewhere Classified	49	2.6
I80	Phlebitis and Thrombophlebitis	36	1.9
I81	Portal Vein Thrombosis	1	0.1
I82	Other Venous Embolism and Thrombosis	3	0.2
I83	Varicose Veins of Lower Extremities	2	0.1
I85	Esophageal Varices	2	0.1
I87	Other Disorders of Veins	1	0.1
I88	Nonspecific Lymphadenitis	2	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	12	0.6
I95	Hypotension	3	0.2
I99	Other and Unspecified Disorders of Circulatory System	9	0.5
J00-J99	Diseases of the Respiratory System	2,428	131.0
J00-J06	Acute Upper Respiratory Infections	2	0.1
J06	Acute Upper Respiratory Infections of Multiple and Unspecified Sites	2	0.1
J09-J18	Influenza and Pneumonia	416	22.5
J09	Influenza due to Identified Avian Influenza Virus	1	0.1
J13	Pneumonia due to Streptococcus Pneumoniae	4	0.2
J14	Pneumonia due to Haemophilus Influenzae	1	0.1
J15	Bacterial Pneumonia, Not Elsewhere Classified	20	1.1
J18	Pneumonia, Organism Unspecified	390	21.0
J20-J22	Other Acute Lower Respiratory Infections	5	0.3
J20	Acute Bronchitis	5	0.3
J30-J39	Other Diseases of Upper Respiratory Tract	2	0.1
J38	Diseases of Vocal Cords and Larynx, Not Elsewhere Classified	2	0.1
J40-J47	Chronic Lower Respiratory Diseases	1,493	80.6
J40	Bronchitis, Not Specified as Acute or Chronic	6	0.3
J42	Unspecified Chronic Bronchitis	1	0.1
J43	Emphysema	87	4.7
J44	Other Chronic Obstructive Pulmonary Disease	1,373	74.1
J45	Asthma	23	1.2
J46	Status Asthmaticus	2	0.1
J47	Bronchiectasis	1	0.1
J60-J70	Lung Diseases due to External Agents	201	10.8
J60	Coalworker's Pneumoconiosis	74	4.0
J61	Pneumoconiosis due to Asbestos and Other Mineral Fibers	14	0.8
J62	Pneumoconiosis due to Dust Containing Silica	1	0.1

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Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
J67	Hypersensitivity Pneumonitis due to Organic Dust	2	0.1
J69	Pneumonitis due to Solids and Liquids	106	5.7
J80-J84	Other Respiratory Diseases Principally Affecting the Interstitium	154	8.3
J80	Adult Respiratory Distress Syndrome	16	0.9
J81	Pulmonary Edema	3	0.2
J82	Pulmonary Eosinophilia, Not Elsewhere Classified	3	0.2
J84	Other Interstitial Pulmonary Diseases	132	7.1
J85-J86	Supportive and Necrotic Conditions of Lower Respiratory Tract	8	0.4
J85	Abscess of Lung and Mediastinum	4	0.2
J86	Pyothorax	4	0.2
J90-J94	Other Diseases of Pleura	15	0.8
J90	Pleural Effusion, Not Elsewhere Classified	11	0.6
J93	Pneumothorax	4	0.2
J95-J99	Other Diseases of the Respiratory System	132	7.1
J95	Postprocedural Respiratory Disorders, Not Elsewhere Classified	1	0.1
J96	Respiratory Failure, Not Elsewhere Classified	92	5.0
J98	Other Respiratory Disorders	39	2.1
K00-K93	Diseases of the Digestive System	744	40.2
K00-K14	Diseases of Oral Cavity, Salivary Glands and Jaws	3	0.2
K08	Other Disorders of Teeth and Supporting Structures	1	0.1
K11	Diseases of Salivary Glands	1	0.1
K13	Other Diseases of Lip and Oral Mucosa	1	0.1
K20-K31	Diseases of Esophagus, Stomach and Duodenum	39	2.1
K21	Gastro-esophageal Reflux Disease	2	0.1
K22	Other Diseases of Esophagus	10	0.5
K25	Gastric Ulcer	9	0.5
K26	Duodenal Ulcer	8	0.4
K27	Peptic Ulcer, Site Unspecified	5	0.3
K29	Gastritis and Duodenitis	1	0.1
K31	Other Diseases of Stomach and Duodenum	4	0.2
K35-K38	Diseases of Appendix	3	0.2
K35	Acute Appendicitis	3	0.2
K40-K46	Hernia	8	0.4
K40	Inguinal Hernia	2	0.1
K43	Ventral Hernia	1	0.1
K44	Diaphragmatic Hernia	1	0.1
K46	Unspecified Abdominal Hernia	4	0.2
K50-K52	Noninfective Enteritis and Colitis	10	0.5
K50	Crohn's Disease [Regional Enteritis]	6	0.3
K51	Ulcerative Colitis	4	0.2
K55-K63	Other Diseases of Intestines	152	8.2
K55	Vascular Disorders of Intestine	61	3.3
K56	Paralytic Ileus and Intestinal Obstruction without Hernia	44	2.4
K57	Diverticular Disease of Intestine	17	0.9
K59	Other Functional Intestinal Disorders	7	0.4
K62	Other Diseases of Anus and Rectum	3	0.2
K63	Other Diseases of Intestine	20	1.1
K65-K67	Diseases of Peritoneum	17	0.9
K65	Peritonitis	12	0.6
K66	Other Disorders of Peritoneum	5	0.3
K70-K77	Diseases of Liver	345	18.6
K70	Alcoholic Liver Disease	75	4.0
K72	Hepatic Failure, Not Elsewhere Classified	40	2.2
K73	Chronic Hepatitis, Not Elsewhere Classified	3	0.2
K74	Fibrosis and Cirrhosis of Liver	160	8.6
K75	Other Inflammatory Liver Diseases	4	0.2
K76	Other Diseases of Liver	63	3.4
K80-K87	Disorders of Gallbladder, Biliary Tract and Pancreas	81	4.4
K80	Cholelithiasis	13	0.7
K81	Cholecystitis	17	0.9
K82	Other Diseases of Gallbladder	2	0.1

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Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
K85	Acute Pancreatitis	27	1.5
K86	Other Diseases of Pancreas	14	0.8
K90-K93	Other Diseases of the Digestive System	86	4.6
K90	Intestinal Malabsorption	2	0.1
K92	Other Diseases of Digestive System	84	4.5
L00-L99	Diseases of the Skin and Subcutaneous Tissue	34	1.8
L00-L08	Infections of the Skin and Subcutaneous Tissue	19	1.0
L02	Cutaneous Abscess, Furuncle and Carbuncle	1	0.1
L03	Cellulitis	13	0.7
L08	Other Local Infections of Skin and Subcutaneous Tissue	5	0.3
L10-L14	Bullous Disorders	2	0.1
L12	Pemphigoid	2	0.1
L50-L54	Urticaria and Erythema	1	0.1
L50	Urticaria	1	0.1
L80-L99	Other Disorders of the Skin and Subcutaneous Tissue	12	0.6
L89	Decubitus Ulcer	9	0.5
L93	Lupus Erythematosus	2	0.1
L97	Ulcer of Lower Limb, Not Elsewhere Classified	1	0.1
M00-M99	Diseases of the Musculoskeletal System and Connective Tissue	108	5.8
M00-M25	Arthropathies	35	1.9
M05-M14	Inflammatory Polyarthropathies	28	1.5
M05	Seropositive Rheumatoid Arthritis	2	0.1
M06	Other Rheumatoid Arthritis	24	1.3
M10	Gout	1	0.1
M13	Other Arthritis	1	0.1
M15-M19	Arthrosis	7	0.4
M19	Other Arthrosis	7	0.4
M30-M36	Systemic Connective Tissue Disorders	26	1.4
M30	Polyarteritis Nodosa and Related Conditions	2	0.1
M31	Other Necrotizing Vasculopathies	7	0.4
M32	Systemic Lupus Erythematosus	4	0.2
M33	Dermatopolymyositis	2	0.1
M34	Systemic Sclerosis	8	0.4
M35	Other Systemic Involvement of Connective Tissue	3	0.2
M40-M54	Dorsopathies	3	0.2
M45-M49	Spondylopathies	3	0.2
M47	Spondylosis	1	0.1
M48	Other Spondylopathies	2	0.1
M60-M79	Soft Tissue Disorders	18	1.0
M60-M63	Disorders of Muscles	14	0.8
M60	Myositis	1	0.1
M62	Other Disorders of Muscle	13	0.7
M70-M79	Other Soft Tissue Disorders	4	0.2
M71	Other Bursopathies	1	0.1
M72	Fibroblastic Disorders	3	0.2
M80-M94	Osteopathies and Chondropathies	26	1.4
M80-M85	Disorders of Bone Density and Structure	12	0.6
M80	Osteoporosis with Pathological Fracture	3	0.2
M81	Osteoporosis without Pathological Fracture	3	0.2
M84	Disorders of Continuity of Bone	6	0.3
M86-M90	Other Osteopathies	14	0.8
M86	Osteomyelitis	13	0.7
M89	Other Disorders of Bone	1	0.1
N00-N99	Diseases of the Genitourinary System	593	32.0
N00-N08	Glomerular Diseases	4	0.2
N03	Chronic Nephrotic Syndrome	2	0.1
N05	Unspecified Nephritic Syndrome	2	0.1
N10-N16	Renal Tubulo-Interstitial Diseases	7	0.4
N11	Chronic Tubulo-Interstitial Nephritis	2	0.1
N12	Tubulo-Interstitial Nephritis, Not Specified as Acute or Chronic	1	0.1

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ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
N17-N19	Renal Failure	424	22.9
N17	Acute Renal Failure	99	5.3
N18	Chronic Renal Failure	191	10.3
N19	Unspecified Renal Failure	134	7.2
N20-N23	Urolithiasis	1	0.1
N20	Calculus of Kidney and Ureter	1	0.1
N25-N29	Other Disorders of Kidney and Ureter	37	2.0
N28	Other Disorders of Kidney and Ureter, Not Elsewhere Classified	37	2.0
N30-N39	Other Diseases of the Urinary System	106	5.7
N30	Cystitis	1	0.1
N32	Other Disorders of Bladder	3	0.2
N39	Other Disorders of Urinary System	102	5.5
N40-N51	Diseases of Male Genital Organs	6	0.3
N40	Hyperplasia of Prostate	5	0.3
N41	Inflammatory Diseases of Prostate	1	0.1
N60-N64	Disorders of Breast	1	0.1
N63	Unspecified Lump in Breast	1	0.1
N70-N77	Inflammatory Diseases of Female Pelvic Organs	1	0.1
N73	Other Female Pelvic Inflammatory Diseases	1	0.1
N80-N98	Noninflammatory Disorders of Female Genital Tract	6	0.3
N82	Fistula Involving Female Genital Tract	1	0.1
N83	Noninflammatory Disorders of Ovary, Fallopian Tube and Broad Ligament	2	0.1
N93	Other Abnormal Uterine and Vaginal Bleeding	3	0.2
O00-O99**	Pregnancy, Childbirth and the Puerperium	5	23.5
O10-O16	Edema, Proteinuria and Hypertensive Disorders in Pregnancy, Childbirth and the Puerperium	1	4.7
O14	Gestational [Pregnancy-Induced] Hypertension with Significant Proteinuria	1	4.7
O30-O48	Maternal Care Related to the Fetus and Amniotic Cavity and Possible Delivery Problems	2	9.4
O30	Multiple Gestation	1	4.7
O45	Premature Separation of Placenta [Abruptio Placenta]	1	4.7
O85-O92	Complications Predominantly Related to the Puerperium	2	9.4
O90	Complications of the Puerperium, Not Elsewhere Classified	2	9.4
P00-P96	Certain Conditions Originating in the Perinatal Period	63	3.4
P00-P04	Fetus and Newborn Affected by Maternal Factors and by Complications of Pregnancy, Labor and Delivery	8	0.4
P01	Fetus and Newborn Affected by Maternal Complications of Pregnancy	3	0.2
P02	Fetus and Newborn Affected by Complications of Placenta, Cord and Membranes	3	0.2
P04	Fetus and Newborn Affected by Noxious Influences Transmitted Via Placenta or Breast Milk	2	0.1
P05-P08	Disorders Related to Length of Gestation and Fetal Growth	9	0.5
P05	Slow Fetal Growth and Fetal Malnutrition	2	0.1
P07	Disorders Related to Short Gestation and Low Birthweight, Not Elsewhere Classified	7	0.4
P20-P29	Respiratory and Cardiovascular Disorders Specific to the Perinatal Period	27	1.5
P20	Intrauterine Hypoxia	1	0.1
P21	Birth Asphyxia	3	0.2
P22	Respiratory Distress of Newborn	8	0.4
P25	Interstitial Emphysema and Related Conditions Originating in the Perinatal Period	1	0.1
P28	Other Respiratory Conditions Originating in the Perinatal Period	4	0.2
P29	Cardiovascular Disorders Originating in the Perinatal Period	10	0.5
P35-P39	Infections Specific to the Perinatal Period	6	0.3
P35	Congenital Viral Diseases	1	0.1
P36	Bacterial Sepsis of Newborn	5	0.3
P50-P61	Hemorrhagic and Hematological Disorders of Fetus and Newborn	4	0.2
P52	Intracranial Nontraumatic Hemorrhage of Fetus and Newborn	2	0.1
P54	Other Neonatal Hemorrhages	1	0.1
P61	Other Perinatal Hematological Disorders	1	0.1
P75-P78	Digestive System Disorders of Fetus and Newborn	4	0.2
P77	Necrotizing Enterocolitis of Fetus and Newborn	3	0.2
P78	Other Perinatal Digestive System Disorders	1	0.1
P80-P83	Conditions Involving the Integument and Temperature Regulation of Fetus and Newborn	1	0.1
P83	Other Conditions of Integument Specific to Fetus and Newborn	1	0.1
P90-P96	Other Disorders Originating in the Perinatal Period	4	0.2
P91	Other Disturbances of Cerebral Status of Newborn	1	0.1
P94	Disorders of Muscle Tone of Newborn	1	0.1

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

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ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
P96	Other Conditions Originating in the Perinatal Period	2	0.1
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	69	3.7
Q00-Q07	Congenital Malformations of the Nervous System	14	0.8
Q00	Anencephaly and Similar Malformations	1	0.1
Q01	Encephalocele	1	0.1
Q03	Congenital Hydrocephalus	2	0.1
Q04	Other Congenital Malformations of Brain	4	0.2
Q05	Spina Bifida	4	0.2
Q07	Other Congenital Malformations of Nervous System	2	0.1
Q20-Q28	Congenital Malformations of the Circulatory System	20	1.1
Q20	Congenital Malformations of Cardiac Chambers and Connections	1	0.1
Q21	Congenital Malformations of Cardiac Septa	4	0.2
Q22	Congenital Malformations of Pulmonary and Tricuspid Valves	3	0.2
Q23	Congenital Malformations of Aortic and Mitral Valves	2	0.1
Q24	Other Congenital Malformations of the Heart	5	0.3
Q25	Congenital Malformations of Great Arteries	1	0.1
Q27	Other Congenital Malformations of Peripheral Vascular System	4	0.2
Q30-Q34	Congenital Malformations of the Respiratory System	3	0.2
Q31	Congenital Malformations of Larynx	1	0.1
Q33	Congenital Malformations of Lung	2	0.1
Q38-Q45	Other Congenital Malformations of the Digestive System	2	0.1
Q43	Other Congenital Malformations of Intestine	1	0.1
Q44	Congenital Malformations of Gallbladder, Bile Ducts and Liver	1	0.1
Q60-Q64	Congenital Malformations of the Urinary System	9	0.5
Q60	Renal Agenesis and Other Reduction Defects of Kidney	2	0.1
Q61	Cystic Kidney Disease	6	0.3
Q63	Other Congenital Malformations of Kidney	1	0.1
Q65-Q79	Congenital Malformations and Deformations of the Musculoskeletal System	4	0.2
Q76	Congenital Malformations of Spine and Bony Thorax	1	0.1
Q79	Congenital Malformations of Musculoskeletal System, Not Elsewhere Classified	3	0.2
Q80-Q89	Other Congenital Malformations	5	0.3
Q85	Phakomatoses, Not Elsewhere Classified	3	0.2
Q87	Other Specified Congenital Malformation Syndromes Affecting Multiple Systems	2	0.1
Q90-Q99	Chromosomal Abnormalities, Not Elsewhere Classified	12	0.6
Q90	Down's Syndrome	10	0.5
Q91	Edwards' Syndrome and Patau's Syndrome	2	0.1
R00-R99	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	420	22.7
R00-R09	Symptoms and Signs Involving the Circulatory and Respiratory Systems	31	1.7
R02	Gangrene, Not Elsewhere Classified	2	0.1
R04	Hemorrhage from Respiratory Passages	1	0.1
R06	Abnormalities of Breathing	2	0.1
R09	Other Symptoms and Signs Involving the Circulatory and Respiratory Systems	26	1.4
R10-R19	Symptoms and Signs Involving the Digestive System and Abdomen	3	0.2
R10	Abdominal and Pelvic Pain	1	0.1
R13	Dysphagia	2	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	120	6.5
R52	Pain, Not Elsewhere Classified	1	0.1
R53	Malaise and Fatigue	5	0.3
R54	Senility	34	1.8
R56	Convulsions, Not Elsewhere Classified	8	0.4
R57	Shock, Not Elsewhere Classified	4	0.2
R58	Hemorrhage, Not Elsewhere Classified	2	0.1
R62	Lack of Expected Normal Physiological Development	56	3.0
R68	Other General Symptoms and Signs	10	0.5
R70-R79	Abnormal Findings on Examination of Blood, without Diagnosis	1	0.1
R79	Other Abnormal Findings of Blood Chemistry	1	0.1
R90-R94	Abnormal Findings on Diagnostic Imaging and in Function Studies, without Diagnosis	2	0.1
R91	Abnormal Findings on Diagnostic Imaging of Lung	2	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, 2010
Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
R95	Sudden Infant Death Syndrome	34	1.8
R96	Other Sudden Death, Cause Unknown	1	0.1
R99	Other Ill-Defined and Unspecified Causes of Mortality	227	12.3
V01-Y98	External Causes of Morbidity and Mortality	1,807	97.5
V01-V99	Transport Accidents	325	17.5
V01-V09	Pedestrian Injured in Transport Accident	23	1.2
V03	Pedestrian Injured in Collision with Car, Pickup Truck or Van	10	0.5
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	3	0.2
V09	Pedestrian Injured in Other and Unspecified Transport Accidents	9	0.5
V10-V19	Pedal Cyclist Injured in Transport Accident	4	0.2
V13	Pedal Cyclist Injured in Collision with Car, Pickup Truck or Van	1	0.1
V18	Pedal Cyclist Injured in Noncollision Transport Accident	2	0.1
V19	Pedal Cyclist Injured in Other and Unspecified Transport Accidents	1	0.1
V20-V29	Motorcycle Rider Injured in Transport Accident	36	1.9
V23	Motorcycle Rider Injured in Collision with Car, Pickup Truck or Van	8	0.4
V27	Motorcycle Rider Injured in Collision with Fixed or Stationary Object	10	0.5
V28	Motorcycle Rider Injured in Noncollision Transport Accident	10	0.5
V29	Motorcycle Rider Injured in Other and Unspecified Transport Accidents	8	0.4
V40-V49	Car Occupant Injured in Transport Accident	29	1.6
V43	Car Occupant Injured in Collision with Car, Pickup Truck or Van	8	0.4
V44	Car Occupant Injured in Collision with Heavy Transport Vehicle or Bus	5	0.3
V47	Car Occupant Injured in Collision with Fixed or Stationary Object	7	0.4
V48	Car Occupant Injured in Noncollision Transport Accident	6	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
V54	Occupant of Pickup or Van Injured in Collision with Heavy Transport Vehicle or Bus	2	0.1
V58	Occupant of Pickup or Van Injured in Noncollision Transport Accident	6	0.3
V60-V69	Occupant of Heavy Transport Vehicle Injured in Transport Accident	5	0.3
V68	Occupant of Heavy Transport Vehicle Injured in Noncollision Transport Accident	5	0.3
V80-V89	Other Land Transport Accidents	215	11.6
V86	Occupant of Motor Vehicle Designed Primarily for Off-Road Use, Injured in Transport Accident	29	1.6
V87	Traffic Accident of Specified Type but Victim's Mode of Transport Unknown	67	3.6
V89	Motor- or Nonmotor-Vehicle Accident, Type of Vehicle Unspecified	119	6.4
V90-V94	Water Transport Accidents	3	0.2
V92	Water-Transport-Related Drowning and Submersion without Accident to Watercraft	2	0.1
V94	Other and Unspecified Water Transport Accidents	1	0.1
V95-V97	Air and Space Transport Accidents	2	0.1
V95	Accident to Powered Aircraft Causing Injury to Occupant	2	0.1
W00-X59	Other External Causes of Accidental Injury	926	50.0
W00-W19	Falls	221	11.9
W00	Fall on Same Level Involving Ice and Snow	3	0.2
W01	Fall on Same Level from Slipping, Tripping and Stumbling	8	0.4
W05	Fall Involving Wheelchair	5	0.3
W06	Fall Involving Bed	13	0.7
W08	Fall Involving Other Furniture	1	0.1
W10	Fall on and from Stairs and Steps	26	1.4
W11	Fall on and from Ladder	4	0.2
W13	Fall from, out of or through Building or Structure	8	0.4
W17	Other Fall from One Level to Another	5	0.3
W18	Other Fall on Same Level	114	6.2
W19	Unspecified Fall	34	1.8
W20-W49	Exposure to Inanimate Mechanical Forces	68	3.7
W20	Struck by Thrown, Projected or Falling Object	12	0.6
W22	Striking against or Struck by Other Objects	1	0.1
W23	Caught, Crushed, Jammed or Pinched in or between Objects	3	0.2
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	1	0.1
W29	Contact with Other Powered Hand Tools and Household Machinery	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, 2010
Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
W31	Contact with Other and Unspecified Machinery	8	0.4
W34	Discharge from Other and Unspecified Firearms	1	0.1
W40	Explosion of Other Materials	30	1.6
W65-W74	Accidental Drowning and Submersion	33	1.8
W65	Drowning and Submersion while in Bathtub	6	0.3
W66	Drowning and Submersion Following Fall in Bath Tub	1	0.1
W67	Drowning and Submersion while in Swimming Pool	3	0.2
W68	Drowning and Submersion Following Fall in Swimming Pool	2	0.1
W69	Drowning and Submersion while in Natural Water	13	0.7
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	3	0.2
W75-W84	Other Accidental Threats to Breathing	55	3.0
W75	Accidental Suffocation and Strangulation in Bed	4	0.2
W76	Other Accidental Hanging and Strangulation	1	0.1
W77	Threat to Breathing due to Cave-In, Falling Earth and Other Substances	1	0.1
W79	Inhalation and Ingestion of Food Causing Obstruction of Respiratory Tract	9	0.5
W80	Inhalation and Ingestion of Other Objects Causing Obstruction of Respiratory Tract	4	0.2
W83	Other Specified Threats to Breathing	1	0.1
W84	Unspecified Threat to Breathing	35	1.9
W85-W99	Exposure to Electric Current, Radiation and Extreme Ambient Air Temperature and Pressure	6	0.3
W85	Exposure to Electric Transmission Lines	3	0.2
W86	Exposure to Other Specified Electric Current	1	0.1
W87	Exposure to Unspecified Electric Current	2	0.1
X00-X09	Exposure to Smoke, Fire and Flames	18	1.0
X01	Exposure to Uncontrolled Fire, Not in Building or Structure	1	0.1
X04	Exposure to Ignition of Highly Flammable Material	1	0.1
X05	Exposure to Ignition or Melting of Nightwear	1	0.1
X06	Exposure to Ignition or Melting of Other Clothing and Apparel	3	0.2
X08	Exposure to Other Specified Smoke, Fire and Flames	11	0.6
X09	Exposure to Unspecified Smoke, Fire and Flames	1	0.1
X10-X19	Contact with Heat and Hot Substances	1	0.1
X10	Contact with Hot Drinks, Food, Fats and Cooking Oils	1	0.1
X20-X29	Contact with Venomous Animals and Plants	2	0.1
X23	Contact with Hornets, Wasps and Bees	2	0.1
X30-X39	Exposure to Forces of Nature	12	0.6
X30	Exposure to Excessive Natural Heat	1	0.1
X31	Exposure to Excessive Natural Cold	10	0.5
X37	Victim of Cataclysmic Storm	1	0.1
X40-X49	Accidental Poisoning by and Exposure to Noxious Substances	492	26.6
X40	Accidental Poisoning by Nonopioid Analgesics, Antipyretics and Antirheumatics	3	0.2
X41	Accidental Poisoning by Antiepileptic, Sedative-hypnotic, Antiparkinsonism and Psychotropic Drugs	12	0.6
X42	Accidental Poisoning by Narcotics and Psychodysleptics [Hallucinogens], Not Elsewhere Classified	110	5.9
X44	Accidental Poisoning by Other and Unspecified Drugs, Medicaments and Biological Substances	350	18.9
X45	Accidental Poisoning by Alcohol	8	0.4
X47	Accidental Poisoning by Other Gases and Vapors	9	0.5
X58-X59	Accidental Exposure to Other and Unspecified Factors	18	1.0
X58	Exposure to Other Specified Factors	1	0.1
X59	Exposure to Unspecified Factors	17	0.9
X60-X84	Intentional Self-Harm	294	15.9
X61	Intentional Self-Poisoning by Antiepileptic, Sedative-Hypnotic, Antiparkinsonism and Psychotropic Drugs	7	0.4
X62	Intentional Self-Poisoning by Narcotics and Psychodysleptics [Hallucinogens], Not Elsewhere Classified	2	0.1
X63	Intentional Self-Poisoning by Other Drugs Acting on the Autonomic Nervous System	1	0.1
X64	Intentional Self-Poisoning by Other and Unspecified Drugs, Medicaments and Biological Substances	19	1.0
X67	Intentional Self-Poisoning by Other Gases and Vapors	9	0.5
X70	Intentional Self-Harm by Hanging, Strangulation and Suffocation	29	1.6
X71	Intentional Self-Harm by Drowning and Submersion	1	0.1
X72	Intentional Self-Harm by Handgun Discharge	116	6.3
X73	Intentional Self-Harm by Rifle, Shotgun and Larger Firearm Discharge	46	2.5
X74	Intentional Self-Harm by Other and Unspecified Firearm Discharge	55	3.0

*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, 2010
Table 24 (Cont'd)

ICDA-10 Code Number	Cause of Death	Number of Deaths	Rate
X78	Intentional Self-Harm by Sharp Object	2	0.1
X80	Intentional Self-Harm by Jumping from a High Place	2	0.1
X81	Intentional Self-Harm by Jumping or Lying Before a Moving Object	3	0.2
X82	Intentional Self-Harm by Crashing a Motor Vehicle	1	0.1
X85-Y09	Assault	90	4.9
X85	Assault by Drugs, Medicaments and Biological Substances	1	0.1
X91	Assault by Hanging, Strangulation and Suffocation	2	0.1
X93	Assault by Handgun Discharge	5	0.3
X94	Assault by Rifle, Shotgun and Larger Firearm Discharge	7	0.4
X95	Assault by Other and Unspecified Firearm Discharge	33	1.8
X97	Assault by Smoke, Fire and Flames	2	0.1
X99	Assault by Sharp Object	16	0.9
Y00	Assault by Blunt Object	2	0.1
Y03	Assault by Crashing of Motor Vehicle	2	0.1
Y04	Assault by Bodily Force	1	0.1
Y06	Neglect and Abandonment	1	0.1
Y07	Other Maltreatment Syndromes	7	0.4
Y08	Assault by Other Specified Means	2	0.1
Y09	Assault by Unspecified Means	9	0.5
Y10-Y34	Event of Undetermined Intent	130	7.0
Y11	Poisoning by Antiepileptic, Sedative-Hypnotic, Antiparkinsonism and Psychotropic Drugs, Undetermined Intent	7	0.4
Y12	Poisoning by Narcotics and Psychodysleptics [Hallucinogens], Undetermined Intent	10	0.5
Y14	Poisoning by Other and Unspecified Drugs, Medicaments and Biological Substances, Undetermined Intent	43	2.3
Y15	Poisoning by Alcohol, Undetermined Intent	2	0.1
Y17	Poisoning by Other Gases and Vapors, Undetermined Intent	3	0.2
Y19	Poisoning by Other and Unspecified Chemicals and Noxious Substances, Undetermined Intent	1	0.1
Y20	Hanging, Strangulation and Suffocation, Undetermined Intent	1	0.1
Y21	Drowning and Submersion, Undetermined Intent	2	0.1
Y22	Handgun Discharge, Undetermined Intent	1	0.1
Y24	Other and Unspecified Firearm Discharge, Undetermined Intent	2	0.1
Y26	Exposure to Smoke, Fire and Flames, Undetermined Intent	21	1.1
Y28	Contact with Sharp Object, Undetermined Intent	1	0.1
Y31	Falling, Lying or Running Before or into Moving Object, Undetermined Intent	2	0.1
Y32	Crashing of Motor Vehicle, Undetermined Intent	4	0.2
Y33	Other Specified Events, Undetermined Intent	13	0.7
Y34	Unspecified Event, Undetermined Intent	17	0.9
Y35-Y36	Legal Intervention and Operations of War	4	0.2
Y35	Legal Intervention	4	0.2
Y40-Y84	Complications of Medical and Surgical Care	23	1.2
Y40-Y59	Drugs, Medicaments and Biological Substances Causing Adverse Effects in Therapeutic Use	6	0.3
Y43	Primarily Systemic Agents	2	0.1
Y44	Agents Primarily Affecting Blood Constituents	2	0.1
Y49	Psychotropic Drugs, Not Elsewhere Classified	1	0.1
Y52	Agents Primarily Affecting the Cardiovascular System	1	0.1
Y60-Y69	Misadventures to Patients during Surgical and Medical Care	1	0.1
Y60	Unintentional Cut, Puncture, Perforation or Hemorrhage during Surgical and Medical Care	1	0.1
Y83-Y84	Medical Procedures as the Cause of Abnormal Reaction, Not Noticed at the Time of the Procedure	16	0.9
Y83	Surgical Procedures as the Cause of Abnormal Reaction, Not Noticed at the Time of the Procedure	12	0.6
Y84	Other Medical Procedures as the Cause of Abnormal Reaction, Not Noticed at the Time of the Procedure	4	0.2
Y85-Y89	Sequelae of External Causes of Morbidity and Mortality	15	0.8
Y85	Sequelae of Transport Accidents	9	0.5
Y86	Sequelae of Other Accidents	5	0.3
Y87	Sequelae of Intentional Self-Harm, Assault and Event of Undetermined Intent	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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Selected Causes of Resident Deaths: Number by Race and Gender
West Virginia, 2010
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	43	35	1	4	0	0	83
Total Deaths, All Causes	10,396	10,246	298	289	25	24	21,278
--Deaths Under One Year	78	61	3	8	0	0	150
--Deaths Under 28 Days	37	38	3	4	0	0	82
Tuberculosis	0	0	0	0	0	0	0
Septicemia	122	190	5	3	1	0	321
Human Immunodeficiency Virus Infection	6	0	4	2	0	0	12
Malignant Neoplasms	2,454	2,084	56	50	9	6	4,659
--of Digestive Organs	563	378	16	10	0	2	969
----Colon	164	134	4	1	0	0	303
----Pancreas	105	103	2	3	0	2	215
--of Respiratory and Intrathoracic Organs	900	647	20	13	3	0	1,583
----Trachea, Bronchus and Lung	865	630	20	13	2	0	1,530
--of Breast	2	268	0	6	0	0	276
--of Genitourinary Organs	324	282	8	8	2	1	625
----Cervix Uteri	0	28	0	2	0	0	30
----Ovary	0	99	0	3	0	1	103
----Prostate	167	0	7	0	1	0	175
----Bladder	73	32	0	2	0	0	107
--All Other (Malignant Neoplasms)	665	509	12	13	4	3	1,206
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	58	52	0	1	0	0	111
Diabetes Mellitus	375	363	15	24	0	1	778
Dementia	255	610	4	17	0	0	886
Alzheimer's Disease	167	415	6	5	0	1	594
Major Cardiovascular Disease	3,060	3,274	85	78	10	10	6,517
--Diseases of the Heart	2,416	2,357	66	46	9	5	4,899
----Ischemic Heart Disease	1,645	1,407	42	30	8	5	3,137
--Essential Hypertension and Hypertensive Renal Disease	115	139	5	11	0	0	270
--Cerebrovascular Diseases (Stroke)	408	669	11	19	1	4	1,112
--Arteriosclerosis	37	35	0	0	0	0	72
--Other Diseases of Arteries, Arterioles and Capillaries	84	74	3	2	0	1	164
Influenza and Pneumonia	201	207	1	7	0	0	416
--Influenza	1	0	0	0	0	0	1
--Pneumonia	200	207	1	7	0	0	415
Chronic Lower Respiratory Diseases	728	737	15	12	1	0	1,493
--Bronchitis, Emphysema and Asthma	66	52	0	1	0	0	119
Lung Diseases due to External Agents	148	43	9	1	0	0	201
--Coal Worker's Pneumoconiosis	67	0	7	0	0	0	74
Chronic Liver Disease and Cirrhosis	158	77	2	1	0	0	238
Nephritis, Nephrotic Syndrome and Nephrosis	213	190	10	13	0	2	428
Congenital Malformations	36	27	2	4	0	0	69
Ill-Defined and Unknown Causes of Death	139	113	4	4	0	2	262
Accidents, All Forms	807	422	21	12	3	0	1,265
--Motor Vehicle	220	87	2	3	1	0	313
--Falls	105	112	2	1	1	0	221
--Drownings	22	8	3	0	0	0	33
--Smoke, Fire and Flames	10	7	1	0	0	0	18
--Poisonings	308	170	8	5	1	0	492
--Other Accidents	142	38	5	3	0	0	188
Intentional Self-Harm (Suicide)	247	42	5	0	0	0	294
Assault (Homicide)	49	23	15	4	0	0	91
Injury Undetermined Whether Accidental or Purposely Inflicted	64	63	3	0	0	0	130
All Other Causes (Residual)	1,109	1,314	36	51	1	2	2,513

Selected Causes of Resident Deaths by Age Group
West Virginia, 2010
Table 26

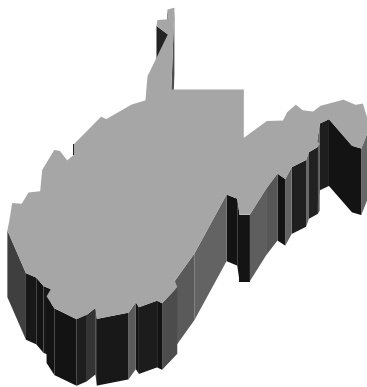
Selected Causes of Death	Total	Age In Years										Average Age at Death
		Less Than One	1-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 and Over	
Total Deaths, All Causes	21,278	150	69	209	369	661	1,578	2,892	3,962	5,717	5,671	72.2
--Deaths Under One Year	150	150	0	0	0	0	0	0	0	0	0	0.1
--Deaths Under 28 Days	82	82	0	0	0	0	0	0	0	0	0	0.0
Tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0.0
Septicemia	321	1	1	2	4	9	28	56	61	84	75	71.8
Human Immunodeficiency Virus Infection	12	0	0	0	1	2	4	4	1	0	0	51.9
Malignant Neoplasms	4,659	0	8	12	17	91	406	928	1,275	1,291	631	70.4
--of Digestive Organs	969	0	0	2	3	18	82	194	261	267	142	70.8
----Colon	303	0	0	1	1	5	24	50	69	96	57	72.8
----Pancreas	215	0	0	0	0	4	12	36	61	64	38	72.6
--of Respiratory and Intrathoracic Organs	1,583	0	0	1	2	22	146	317	515	443	137	69.7
----Trachea, Bronchus and Lung	1,530	0	0	0	2	21	141	308	497	431	130	69.7
--of Breast	276	0	0	0	2	10	33	66	53	70	42	69.1
--of Genitourinary Organs	625	0	0	2	0	17	54	111	150	172	119	71.6
----Cervix Uteri	30	0	0	0	0	7	10	4	3	2	4	57.8
----Ovary	103	0	0	0	0	3	16	29	22	18	15	67.9
----Prostate	175	0	0	0	0	0	2	21	41	67	44	77.0
----Bladder	107	0	0	0	0	1	6	17	31	29	23	73.9
--All Other (Malignant Neoplasms)	1,206	0	8	7	10	24	91	240	296	339	191	70.5
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	111	0	1	2	1	2	5	15	23	37	25	72.8
Diabetes Mellitus	778	0	0	1	6	13	78	155	156	218	151	71.7
Dementia	886	0	0	0	1	0	2	6	61	282	534	85.4
Alzheimer's Disease	594	0	0	0	0	0	1	4	40	189	360	85.7
Major Cardiovascular Disease	6,517	2	4	13	29	103	324	703	1,107	1,878	2,354	77.2
--Diseases of the Heart	4,899	1	4	10	22	88	253	561	858	1,393	1,709	76.8
----Ischemic Heart Disease	3,137	0	0	3	13	57	180	390	589	913	992	76.0
--Essential Hypertension and Hypertensive Renal Disease	270	0	0	0	0	3	23	29	45	71	99	77.2
--Cerebrovascular Diseases (Stroke)	1,112	1	0	1	6	9	41	87	165	341	461	79.1
--Arteriosclerosis	72	0	0	0	0	0	1	3	9	17	42	83.8
--Other Diseases of Arteries, Arterioles and Capillaries	164	0	0	2	1	3	6	23	30	56	43	75.0
Influenza and Pneumonia	416	1	0	0	3	8	13	34	59	126	172	79.0
--Influenza	1	0	0	0	0	1	0	0	0	0	0	44.0
--Pneumonia	415	1	0	0	3	7	13	34	59	126	172	79.0
Chronic Lower Respiratory Diseases	1,493	0	1	0	1	5	63	208	399	517	299	74.7
--Bronchitis, Emphysema and Asthma	119	0	1	0	1	2	7	22	36	35	15	70.3
Lung Diseases due to External Agents	201	0	0	0	0	2	6	12	30	83	68	79.4
--Coal Worker's Pneumoconiosis	74	0	0	0	0	0	2	4	12	37	19	79.5
Chronic Liver Disease and Cirrhosis	238	0	0	0	6	19	61	78	40	24	10	59.5
Nephritis, Nephrotic Syndrome and Nephrosis	428	0	0	1	3	5	18	55	88	133	125	76.1
Congenital Malformations	69	26	4	3	4	0	6	17	6	3	0	30.8
III-Defined and Unknown Causes of Death	262	37	1	1	1	6	18	47	41	50	60	62.2
Accidents, All Forms	1,265	7	17	108	173	231	238	151	98	101	141	51.2
--Motor Vehicle	313	3	9	47	45	51	55	44	28	17	14	45.3
--Falls	221	0	0	1	1	6	15	22	32	55	89	76.8
--Drownings	33	0	6	4	5	7	3	4	2	1	1	37.0
--Smoke, Fire and Flames	18	0	0	1	1	1	1	3	4	3	4	66.1
--Poisonings	492	0	0	45	111	146	129	46	10	4	1	41.0
--Other Accidents	188	4	2	10	10	20	35	32	22	21	32	58.7
Intentional Self-Harm (Suicide)	294	0	2	24	43	49	67	53	21	23	12	49.2
Assault (Homicide)	91	4	12	9	22	19	17	4	3	1	0	33.3
Injury Undetermined Whether Accidental or Purposely Inflicted	130	5	4	8	23	21	33	17	9	5	5	44.7
All Other Causes (Residual)	2,513	67	14	25	31	76	190	345	444	672	649	70.8

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Selected Causes of Resident Deaths by Month of Occurrence
West Virginia, 2010
Table 27

Selected Causes of Death	Number of Deaths per Month												Total
	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	
Fetal Deaths	6	13	5	8	5	8	4	8	5	8	6	7	83
Total Deaths, All Causes	1,948	1,736	1,852	1,710	1,730	1,704	1,725	1,715	1,703	1,798	1,791	1,866	21,278
--Deaths Under One Year	13	12	10	13	18	13	15	11	11	12	11	11	150
--Deaths Under 28 Days	7	7	6	7	10	6	10	3	5	9	6	6	82
Tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia	33	31	36	22	27	29	24	32	26	29	14	18	321
Human Immunodeficiency Virus Infection	1	1	1	1	1	0	3	0	1	1	2	0	12
Malignant Neoplasms	423	347	397	374	413	377	400	396	354	406	384	388	4,659
--of Digestive Organs	87	64	81	76	85	90	75	68	77	89	90	87	969
----Colon	26	25	25	24	32	24	23	23	17	34	24	26	303
----Pancreas	18	13	21	20	16	19	12	9	26	13	24	24	215
--of Respiratory and Intrathoracic Organs	160	130	141	119	149	101	135	136	116	126	142	128	1,583
----Trachea, Bronchus and Lung	153	126	140	118	146	99	127	131	110	121	134	125	1,530
--of Breast	23	24	23	26	21	22	34	26	21	21	15	20	276
--of Genitourinary Organs	64	37	44	52	48	52	57	53	53	71	41	53	625
----Cervix Uteri	4	1	3	1	1	1	3	3	0	8	2	3	30
----Ovary	9	7	9	12	5	7	7	8	7	15	7	10	103
----Prostate	26	7	13	13	15	11	20	8	18	18	13	13	175
----Bladder	13	7	4	7	8	15	5	8	12	11	8	9	107
--All Other (Malignant Neoplasms)	89	92	108	101	110	112	99	113	87	99	96	100	1,206
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	7	8	11	7	15	8	6	8	10	12	12	7	111
Diabetes Mellitus	77	69	67	82	65	60	62	55	59	62	57	63	778
Dementia	75	76	69	66	62	71	75	70	59	88	78	97	886
Alzheimer's Disease	52	55	42	43	51	47	36	56	54	49	52	57	594
Major Cardiovascular Disease	598	528	590	512	506	522	516	503	553	516	598	575	6,517
--Diseases of the Heart	448	396	433	397	391	386	382	386	401	392	454	433	4,899
----Ischemic Heart Disease	306	247	267	247	246	242	243	234	271	250	308	276	3,137
--Essential Hypertension and Hypertensive Renal Disease	32	23	29	9	21	25	19	22	25	24	21	20	270
--Cerebrovascular Diseases (Stroke)	94	84	108	91	85	93	94	74	106	80	100	103	1,112
--Arteriosclerosis	5	7	5	5	2	6	7	7	7	10	7	4	72
--Other Diseases of Arteries, Arterioles and Capillaries	19	18	15	10	7	12	14	14	14	10	16	15	164
Influenza and Pneumonia	36	38	29	41	37	28	26	31	34	43	34	39	416
--Influenza	1	0	0	0	0	0	0	0	0	0	0	0	1
--Pneumonia	35	38	29	41	37	28	26	31	34	43	34	39	415
Chronic Lower Respiratory Diseases	144	140	137	123	112	127	106	101	116	128	132	127	1,493
--Bronchitis, Emphysema and Asthma	14	11	15	7	12	16	8	2	4	13	11	6	119
Lung Diseases due to External Agents	14	18	25	19	19	13	20	21	13	13	10	16	201
--Coal Worker's Pneumoconiosis	4	7	10	9	7	4	5	8	6	7	1	6	74
Chronic Liver Disease and Cirrhosis	20	22	25	25	16	20	12	23	19	18	22	16	238
Nephritis, Nephrotic Syndrome and Nephrosis	45	36	51	31	32	33	48	32	24	32	26	38	428
Congenital Malformations	8	2	4	4	5	9	7	10	1	5	6	8	69
Ill-Defined and Unknown Causes of Death	24	22	19	17	26	24	23	25	20	14	14	34	262
Accidents, All Forms	112	97	84	122	84	92	123	113	112	109	109	108	1,265
--Motor Vehicle	19	13	17	26	26	21	42	34	38	33	26	18	313
--Falls	24	23	17	18	14	14	14	22	24	13	16	22	221
--Drownings	2	2	2	0	4	8	8	2	0	1	4	0	33
--Smoke, Fire and Flames	3	0	3	1	1	2	0	0	1	3	3	1	18
--Poisonings	49	46	36	40	29	34	41	35	37	44	51	50	492
--Other Accidents	15	13	9	37	10	13	18	20	12	15	9	17	188
Intentional Self-Harm (Suicide)	31	15	28	23	24	26	22	26	24	29	19	27	294
Assault (Homicide)	6	7	8	7	5	8	8	10	9	8	4	11	91
Injury Undetermined Whether Accidental or Purposely Inflicted	13	14	10	14	8	13	10	6	9	11	13	9	130
All Other Causes (Residual)	229	210	219	177	222	197	198	197	206	225	205	228	2,513

West Virginia Bureau for Public Health
Health Statistics Center, 2013



West Virginia Vital Statistics
Infant & Fetal Death

Infant and Fetal Death Summary

Deaths of infants under one year of age dropped by 17, from 167 in 2009 to 150 in 2010. West Virginia's infant mortality rate also declined, from 7.8 per 1,000 live births in 2009 to 7.3 in 2010. The preliminary U.S. infant mortality was 6.1 in 2010.

The following table shows the decline in the national and state infant mortality rates from 1950 through 2010.

1950 – 2010 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

The state's 2010 white infant mortality rate decreased from 7.4 in 2009 to 7.2 in 2010, while the rate for black infants also decreased from 20.9 to 14.9 (see Statistical Variation in Appendix B, page 155). West Virginia's 2010 race-specific infant mortality rates and comparable U.S. rates are shown in the table on the following page.

**2010 West Virginia and United States
Infant Mortality by Race
(Number and Rate per 1,000 Live Births)**

Race of Infant	West Virginia		United States	
	Number	Rate	Number	Rate
All Races	150	7.3	24,586	6.1
White	139	7.2	15,954	5.2
Black	11	14.9	7,401	11.6
Other	0	0.0	1,231	4.1

Approximately one out of five (22.1%) infant deaths in 2010 were due to SIDS (sudden infant death syndrome). Approximately one in six (17.3%) was the result of congenital malformations, while 41.3% were due to certain conditions originating in the perinatal period, including disorders relating to short gestation and unspecified low birthweight (4.7%).

Neonatal/Postneonatal Deaths

The number of neonatal deaths declined by 31, from 113 in 2009 to 82 in 2010; the neonatal death rate also decreased, from 5.3 deaths among infants aged less than 28 days per 1,000 live births in 2009 to 4.0 in 2010. Neonatal deaths comprised 55.0% of all West Virginia resident infant deaths in 2010, compared with 67.7% in 2009. The rate of postneonatal deaths increased from 2.6 deaths per 1,000 neonatal survivors in 2009 to 3.3 in 2010. The 2010 preliminary U.S. neonatal death rate was 4.0, while the postneonatal rate was 2.1 deaths per 1,000 neonatal survivors.

Fetal Deaths

The 83 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 2010 were 38 fewer than in 2009 (121). The fetal death ratio also decreased, from 5.7 deaths per 1,000 live births in 2009 to 4.1 in 2010. The majority (91.6%) of fetal deaths were due to conditions originating in the perinatal period, including complications of placenta, cord and membrane (33.7%), maternal conditions (7.2%), maternal complications (12.0%), short gestation and low birthweight (4.8%) and other ill-defined perinatal conditions (22.9%). Congenital malformations accounted for 8.4% of all fetal deaths.

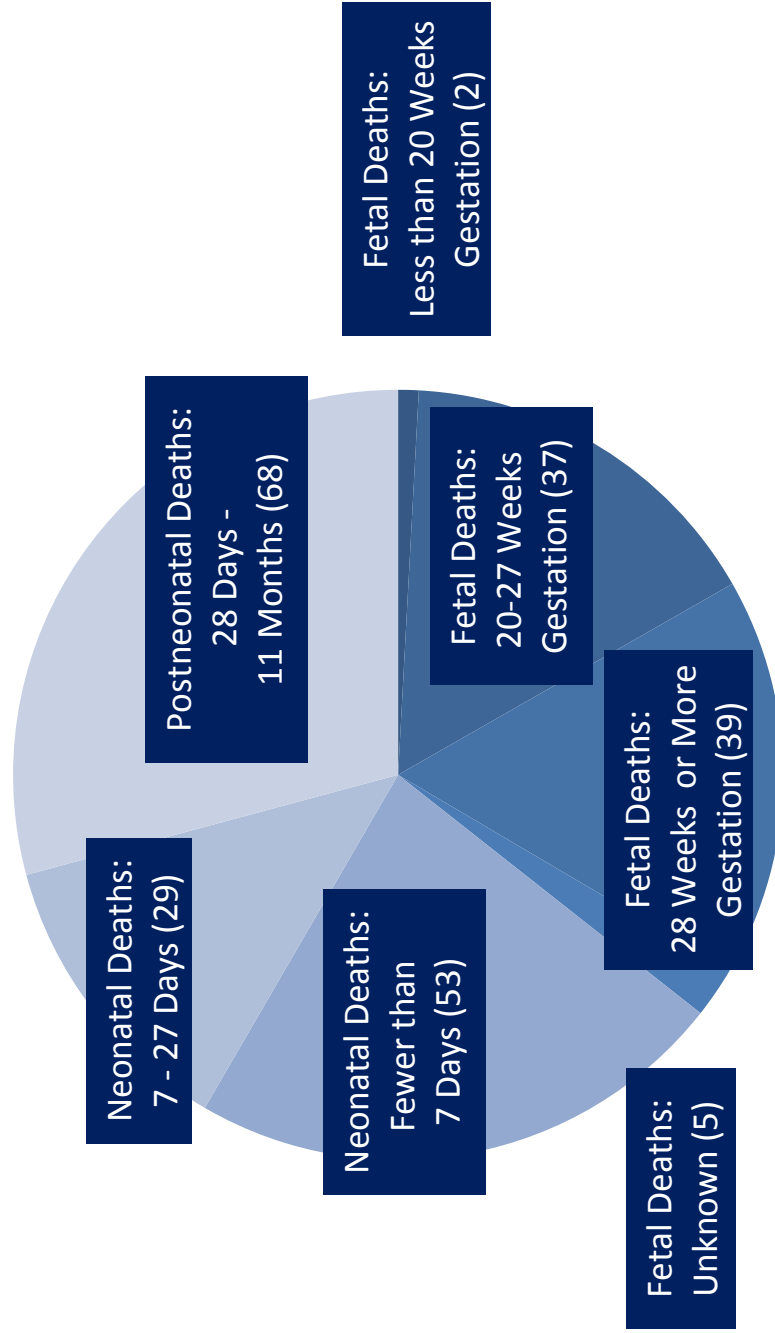
Fetal Deaths, Neonatal Deaths and Postneonatal Deaths: Number and Rate/Ratio
West Virginia Resident Deaths, 1925-2010
Table 28

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

*Neonatal survivors are live births minus neonatal deaths.

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Fetal Deaths, Neonatal Deaths and Postneonatal Deaths West Virginia Resident Perinatal Deaths, 2010 Exhibit 14



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Causes of Resident Infant Deaths by Age
West Virginia, 2010
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	41	12	29	68	150
A00-B99	Certain Infectious and Parasitic Diseases	0	0	1	3	4
A30-A49	Other Bacterial Diseases	0	0	0	1	1
A41	Other Septicemia	0	0	0	1	1
B00-B09	Viral Infections Characterized by Skin and Mucous Membrane Lesions	0	0	1	0	1
B00	Herpesviral [Herpes Simplex] Infection	0	0	1	0	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
B49	Unspecified Mycosis	0	0	0	1	1
E00-E90	Endocrine, Nutritional and Metabolic Diseases	0	0	0	1	1
E70-E90	Metabolic Disorders	0	0	0	1	1
E88	Other Metabolic Disorders	0	0	0	1	1
I00-I99	Diseases of the Circulatory System	0	0	0	2	2
I00-I09, I11, I13	Diseases of the Heart	0	0	0	1	1
I30-I52	Other forms of Heart Diseases	0	0	0	1	1
I42	Cardiomyopathy	0	0	0	1	1
I60-I69	Cerebrovascular Diseases	0	0	0	1	1
I67	Other Cerebrovascular Diseases	0	0	0	1	1
J00-J99	Diseases of the Respiratory System	0	0	0	1	1
J09-J18	Influenza and Pneumonia	0	0	0	1	1
J18	Pneumonia, Organism Unspecified	0	0	0	1	1
K00-K93	Diseases of the Digestive System	0	0	0	1	1
K35-K38	Diseases of Appendix	0	0	0	1	1
K35	Acute Appendicitis	0	0	0	1	1
P00-P96	Certain Conditions Originating in the Perinatal Period	30	12	14	6	62
P00-P04	Newborn Affected by Maternal Factors and by Complications of Pregnancy, Labor and Delivery	7	1	0	0	8
P01	Newborn Affected by Maternal Complications of Pregnancy	3	0	0	0	3
P01.1	Premature Rupture of Membranes	2	0	0	0	2
P01.5	Multiple Pregnancy	1	0	0	0	1
P02	Newborn Affected by Complications of Placenta, Cord and Membranes	2	1	0	0	3
P02.5	Other Compression of Umbilical Cord	1	0	0	0	1
P02.7	Chorioamnionitis	1	1	0	0	2
P04	Newborn Affected by Noxious Influences Transmitted Via Placenta or Breast Milk	2	0	0	0	2
P05-P08	Disorders Related to Length of Gestation and Fetal Growth	7	1	1	0	9
P05	Slow Fetal Growth and Fetal Malnutrition	1	0	1	0	2
P07	Disorders Related to Short Gestation and Low Birthweight, Not Elsewhere Classified	6	1	0	0	7
P07.2	Extreme Immaturity	3	1	0	0	4
P07.3	Other Preterm Infants	3	0	0	0	3
P20-P29	Respiratory and Cardiovascular Disorders Specific to the Perinatal Period	11	4	8	4	27
P20	Intrauterine Hypoxia	1	0	0	0	1
P21	Birth Asphyxia	1	2	0	0	3
P22	Respiratory Distress of Newborn	2	0	4	2	8
P22.0	Respiratory Distress Syndrome	2	0	3	1	6
P22.9	Respiratory Distress of Newborn, Unspecified	0	0	1	1	2
P25	Interstitial Emphysema and Related Conditions Originating in the Perinatal Period	0	0	1	0	1
P28	Other Respiratory Conditions Originating in the Perinatal Period	2	1	0	1	4
P29	Cardiovascular Disorders Originating in the Perinatal Period	5	1	3	1	10
P29.0	Neonatal Cardiac Failure	1	1	1	0	3
P29.1	Neonatal Cardiac Dysrhythmia	3	0	1	0	4
P29.3	Persistent Fetal Circulation	0	0	1	1	2
P29.8	Other Cardiovascular Disorders Originating in the Perinatal Period	1	0	0	0	1
P35-P39	Infections Specific to the Perinatal Period	0	3	2	1	6
P35	Congenital Viral Diseases	0	0	0	1	1
P36	Bacterial Sepsis of Newborn	0	3	2	0	5

Causes of Resident Infant Deaths by Age
West Virginia, 2010
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
P50-P61	Hemorrhagic and Hematological Disorders of Newborn	2	1	1	0	4
P52	Intracranial Nontraumatic Hemorrhage of Newborn	0	1	1	0	2
P54	Other Neonatal Hemorrhages	1	0	0	0	1
P61	Other Perinatal Hematological Disorders	1	0	0	0	1
P75-P78	Digestive System Disorders of Newborn	0	1	2	1	4
P77	Necrotizing Enterocolitis of Newborn	0	1	1	1	3
P78	Other Perinatal Digestive System Disorders	0	0	1	0	1
P80-P83	Conditions Involving the Integument and Temperature Regulation of Newborn	1	0	0	0	1
P83	Other Conditions of Integument Specific to Newborn	1	0	0	0	1
P90-P96	Other Disorders Originating in the Perinatal Period	2	1	0	0	3
P91	Other Disturbances of Cerebral Status of Newborn	0	1	0	0	1
P96	Other Conditions Originating in the Perinatal Period	2	0	0	0	2
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	9	0	7	10	26
Q00-Q07	Congenital Malformations of the Nervous System	2	0	1	1	4
Q00	Anencephaly and Similar Malformations	1	0	0	0	1
Q01	Encephalocele	1	0	0	0	1
Q03	Congenital Hydrocephalus	0	0	1	0	1
Q07	Other Congenital Malformations of Nervous System	0	0	0	1	1
Q20-Q28	Congenital Malformations of the Circulatory System	1	0	3	7	11
Q20	Congenital Malformations of Cardiac Chambers and Connections	0	0	0	1	1
Q21	Congenital Malformations of Cardiac Septa	0	0	0	2	2
Q22	Congenital Malformations of Pulmonary and Tricuspid Valves	0	0	1	1	2
Q23	Congenital Malformations of Aortic and Mitral Valves	1	0	0	1	2
Q24	Other Congenital Malformations of the Heart	0	0	2	2	4
Q30-Q34	Congenital Malformations of the Respiratory System	0	0	0	1	1
Q33	Congenital Malformations of Lung	0	0	0	1	1
Q60-Q64	Congenital Malformations of the Urinary System	4	0	0	0	4
Q60	Renal Agenesis and Other Reduction Defects of Kidney	2	0	0	0	2
Q61	Cystic Kidney Disease	2	0	0	0	2
Q65-Q79	Congenital Malformations and Deformations of the Musculoskeletal System	2	0	1	0	3
Q79	Congenital Malformations of Musculoskeletal System, Not Elsewhere Classified	2	0	1	0	3
Q80-Q89	Other Congenital Malformations	0	0	0	1	1
Q87	Other Specified Congenital Malformation Syndromes Affecting Multiple Systems	0	0	0	1	1
Q90-Q99	Chromosomal Abnormalities, Not Elsewhere Classified	0	0	2	0	2
Q91	Edwards' Syndrome and Patau's Syndrome	0	0	2	0	2
R00-R99	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	0	0	5	32	37
R95-R99	Ill-Defined and Unknown Causes of Mortality	0	0	5	32	37
R95	Sudden Infant Death Syndrome	0	0	5	29	34
R99	Other Ill-Defined and Unspecified Causes of Mortality	0	0	0	3	3
V01-Y98	External Causes of Morbidity and Mortality	2	0	2	12	16
V01-V99	Transport Accidents	0	0	0	3	3
V01-V09	Pedestrian Injured in Transport Accident	0	0	0	1	1
V03	Pedestrian Injured in Collision with Car, Pickup Truck or Van	0	0	0	1	1
V80-V89	Other Land Transport Accidents	0	0	0	2	2
V87	Traffic Accident of Specified Type but Victim's Mode of Transport Unknown	0	0	0	2	2
W00-X59	Other External Causes of Accidental Injury	0	0	1	3	4
W75-W84	Other Accidental Threats to Breathing	0	0	1	3	4
W75	Accidental Suffocation and Strangulation in Bed	0	0	1	3	4
X85-Y09	Assault	0	0	0	4	4
Y07	Other Maltreatment Syndromes	0	0	0	2	2
Y09	Assault by Unspecified Means	0	0	0	2	2
Y10-Y34	Event of Undetermined Intent	2	0	1	2	5
Y33	Other Specified Events, Undetermined Intent	1	0	1	1	3
Y34	Unspecified Event, Undetermined Intent	1	0	0	1	2

Causes of Resident Infant Deaths by Birthweight
West Virginia, 2010
Table 30

ICDA 10 Code Number	Cause of Death	Birthweight				Total
		Less than 1,500 Grams	1,500 - 2,499 Grams	2,500 Grams or More	Un- known	
A00-Z99	Total Deaths, All Causes	56	23	70	1	150
A00-B99	Certain Infectious and Parasitic Diseases	2	2	0	0	4
A30-A49	Other Bacterial Diseases	1	0	0	0	1
A41	Other Septicemia	1	0	0	0	1
B00-B09	Viral Infections Characterized by Skin and Mucous Membrane Lesions	1	0	0	0	1
B00	Herpesviral [Herpes Simplex] Infection	1	0	0	0	1
B25-B34	Other Viral Diseases	0	1	0	0	1
B34	Viral Infection of Unspecified Site	0	1	0	0	1
B35-B49	Mycoses	0	1	0	0	1
B49	Unspecified Mycosis	0	1	0	0	1
E00-E90	Endocrine, Nutritional and Metabolic Diseases	0	0	1	0	1
E70-E90	Metabolic Disorders	0	0	1	0	1
E88	Other Metabolic Disorders	0	0	1	0	1
I00-I99	Diseases of the Circulatory System	0	0	2	0	2
I00-I09, I11, I13	Diseases of the Heart	0	0	1	0	1
I30-I52	Other forms of Heart Diseases	0	0	1	0	1
I42	Cardiomyopathy	0	0	1	0	1
I60-I69	Cerebrovascular Diseases	0	0	1	0	1
I67	Other Cerebrovascular Diseases	0	0	1	0	1
J00-J99	Diseases of the Respiratory System	1	0	0	0	1
J09-J18	Influenza and Pneumonia	1	0	0	0	1
J18	Pneumonia, Organism Unspecified	1	0	0	0	1
K00-K93	Diseases of the Digestive System	0	0	1	0	1
K35-K38	Diseases of Appendix	0	0	1	0	1
K35	Acute Appendicitis	0	0	1	0	1
P00-P96	Certain Conditions Originating in the Perinatal Period	46	5	10	1	62
P00-P04	Newborn Affected by Maternal Factors and by Complications of Pregnancy, Labor and Delivery	7	0	0	1	8
P01	Newborn Affected by Maternal Complications of Pregnancy	3	0	0	0	3
P01.1	Premature Rupture of Membranes	2	0	0	0	2
P01.5	Multiple Pregnancy	1	0	0	0	1
P02	Newborn Affected by Complications of Placenta, Cord and Membranes	2	0	0	1	3
P02.5	Other Compression of Umbilical Cord	1	0	0	0	1
P02.7	Chorioamnionitis	1	0	0	1	2
P04	Newborn Affected by Noxious Influences Transmitted Via Placenta or Breast Milk	2	0	0	0	2
P05-P08	Disorders Related to Length of Gestation and Fetal Growth	8	1	0	0	9
P05	Slow Fetal Growth and Fetal Malnutrition	1	1	0	0	2
P07	Disorders Related to Short Gestation and Low Birthweight, Not Elsewhere Classified	7	0	0	0	7
P07.2	Extreme Immaturity	4	0	0	0	4
P07.3	Other Preterm Infants	3	0	0	0	3
P20-P29	Respiratory and Cardiovascular Disorders Specific to the Perinatal Period	18	3	6	0	27
P20	Intrauterine Hypoxia	0	0	1	0	1
P21	Birth Asphyxia	1	0	2	0	3
P22	Respiratory Distress of Newborn	6	2	0	0	8
P22.0	Respiratory Distress Syndrome	5	1	0	0	6
P22.9	Respiratory Distress of Newborn, Unspecified	1	1	0	0	2
P25	Interstitial Emphysema and Related Conditions Originating in the Perinatal Period	1	0	0	0	1
P28	Other Respiratory Conditions Originating in the Perinatal Period	3	0	1	0	4
P29	Cardiovascular Disorders Originating in the Perinatal Period	7	1	2	0	10
P29.0	Neonatal Cardiac Failure	2	0	1	0	3
P29.1	Neonatal Cardiac Dysrhythmia	4	0	0	0	4
P29.3	Persistent Fetal Circulation	0	1	1	0	2
P29.8	Other Cardiovascular Disorders Originating in the Perinatal Period	1	0	0	0	1
P35-P39	Infections Specific to the Perinatal Period	6	0	0	0	6
P35	Congenital Viral Diseases	1	0	0	0	1
P36	Bacterial Sepsis of Newborn	5	0	0	0	5

Causes of Resident Infant Deaths by Birthweight
West Virginia, 2010
Table 30 (Cont'd)

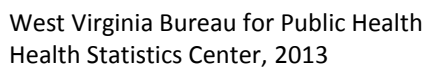
ICDA 10 Code Number	Cause of Death	Birthweight				Total
		Less than 1,500 Grams	1,500 - 2,499 Grams	2,500 Grams or More	Un- known	
P50-P61	Hemorrhagic and Hematological Disorders of Newborn	3	0	1	0	4
P52	Intracranial Nontraumatic Hemorrhage of Newborn	2	0	0	0	2
P54	Other Neonatal Hemorrhages	1	0	0	0	1
P61	Other Perinatal Hematological Disorders	0	0	1	0	1
P75-P78	Digestive System Disorders of Newborn	3	0	1	0	4
P77	Necrotizing Enterocolitis of Newborn	2	0	1	0	3
P78	Other Perinatal Digestive System Disorders	1	0	0	0	1
P80-P83	Conditions Involving the Integument and Temperature Regulation of Newborn	0	1	0	0	1
P83	Other Conditions of Integument Specific to Newborn	0	1	0	0	1
P90-P96	Other Disorders Originating in the Perinatal Period	1	0	2	0	3
P91	Other Disturbances of Cerebral Status of Newborn	0	0	1	0	1
P96	Other Conditions Originating in the Perinatal Period	1	0	1	0	2
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	4	10	12	0	26
Q00-Q07	Congenital Malformations of the Nervous System	2	1	1	0	4
Q00	Anencephaly and Similar Malformations	1	0	0	0	1
Q01	Encephalocele	1	0	0	0	1
Q03	Congenital Hydrocephalus	0	0	1	0	1
Q07	Other Congenital Malformations of Nervous System	0	1	0	0	1
Q20-Q28	Congenital Malformations of the Circulatory System	1	4	6	0	11
Q20	Congenital Malformations of Cardiac Chambers and Connections	0	1	0	0	1
Q21	Congenital Malformations of Cardiac Septa	0	2	0	0	2
Q22	Congenital Malformations of Pulmonary and Tricuspid Valves	0	1	1	0	2
Q23	Congenital Malformations of Aortic and Mitral Valves	0	0	2	0	2
Q24	Other Congenital Malformations of the Heart	1	0	3	0	4
Q30-Q34	Congenital Malformations of the Respiratory System	1	0	0	0	1
Q33	Congenital Malformations of Lung	1	0	0	0	1
Q60-Q64	Congenital Malformations of the Urinary System	0	3	1	0	4
Q60	Renal Agenesis and Other Reduction Defects of Kidney	0	2	0	0	2
Q61	Cystic Kidney Disease	0	1	1	0	2
Q65-Q79	Congenital Malformations and Deformations of the Musculoskeletal System	0	0	3	0	3
Q79	Congenital Malformations of Musculoskeletal System, Not Elsewhere Classified	0	0	3	0	3
Q80-Q89	Other Congenital Malformations	0	0	1	0	1
Q87	Other Specified Congenital Malformation Syndromes Affecting Multiple Systems	0	0	1	0	1
Q90-Q99	Chromosomal Abnormalities, Not Elsewhere Classified	0	2	0	0	2
Q91	Edwards' Syndrome and Patau's Syndrome	0	2	0	0	2
R00-R99	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	1	6	30	0	37
R95-R99	III-Defined and Unknown Causes of Mortality	1	6	30	0	37
R95	Sudden Infant Death Syndrome	1	5	28	0	34
R99	Other III-Defined and Unspecified Causes of Mortality	0	1	2	0	3
V01-Y98	External Causes of Morbidity and Mortality	2	0	14	0	16
V01-V99	Transport Accidents	0	0	3	0	3
V01-V09	Pedestrian Injured in Transport Accident	0	0	1	0	1
V03	Pedestrian Injured in Collision with Car, Pickup Truck or Van	0	0	1	0	1
V80-V89	Other Land Transport Accidents	0	0	2	0	2
V87	Traffic Accident of Specified Type but Victim's Mode of Transport Unknown	0	0	2	0	2
W00-X59	Other External Causes of Accidental Injury	0	0	4	0	4
W75-W84	Other Accidental Threats to Breathing	0	0	4	0	4
W75	Accidental Suffocation and Strangulation in Bed	0	0	4	0	4
X85-Y09	Assault	0	0	4	0	4
Y07	Other Maltreatment Syndromes	0	0	2	0	2
Y09	Assault by Unspecified Means	0	0	2	0	2
Y10-Y34	Event of Undetermined Intent	2	0	3	0	5
Y33	Other Specified Events, Undetermined Intent	1	0	2	0	3
Y34	Unspecified Event, Undetermined Intent	1	0	1	0	2

Births and Infant Deaths by Selected Risk Factors and Demographics West Virginia Residents, 2010 Table 31

Factor	Births		Infant Deaths	
	Number	Percent	Number	Percent
Total	20,471		150	
Birthweight < 2,500 Grams	1,882	9.2%	79	53.4%
Birthweight < 1,500 Grams	273	1.3%	56	37.8%
Gestational Age < 37 Weeks	2,170	10.6%	81	54.0%
Gestational Age 37-38 Weeks	5,598	27.4%	27	18.0%
Gestational Age 39+ Weeks	12,672	62.0%	42	28.0%
Age of Mother < 20 Years	2,616	12.8%	19	12.7%
Age of Mother < 15 Years	21	0.1%	1	0.7%
Unmarried Mothers	8,970	43.9%	89	59.3%
Mothers Using Tobacco	5,361	26.3%	69	46.3%
Mothers Using Alcohol	74	0.4%	4	2.8%
White or Caucasian Mothers	19,416	95.0%	144	96.0%
Black or African American Mothers	736	3.6%	5	3.3%
Mothers of Other Races	293	1.4%	1	0.7%
Mothers of Unknown Race	26		0	

Percentages are calculated excluding unknown numbers.

Exhibit 15



Causes of Resident Fetal Deaths
West Virginia, 2006-2010
Table 32

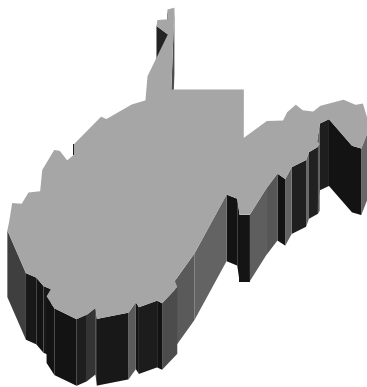
ICDA 10 Code	Cause of Death	2006	2007	2008	2009	2010
A00-Z99*	Total Deaths, All Causes	120	116	94	121	83
C00-D48	Neoplasms	0	2	0	2	0
D10-D36	Benign Neoplasms	0	2	0	2	0
D18	Hemangioma and Lymphangioma, Any Site	0	2	0	2	0
P00-P96	Certain Conditions Originating in the Perinatal Period	110	106	84	112	76
P00-P04	Fetus Affected by Maternal Factors and by Complications of Pregnancy, Labor and Delivery	62	57	51	56	48
P00	Fetus Affected by Maternal Conditions That May Be Unrelated to Present Pregnancy	2	3	6	5	6
P00.0	Maternal Hypertensive Disorders	2	2	4	3	6
P00.5	Maternal Injury	0	0	1	1	0
P00.7	Other Medical Procedures on Mother, Not Elsewhere Classified	0	1	0	0	0
P00.8	Other Maternal Conditions	0	0	1	1	0
P01	Fetus Affected by Maternal Complications of Pregnancy	16	12	9	10	10
P01.0	Incompetent Cervix	1	5	4	4	2
P01.1	Premature Rupture of Membranes	7	2	3	4	5
P01.2	Oligohydramnios	1	2	1	0	2
P01.3	Polyhydramnios	2	1	1	0	0
P01.5	Multiple Pregnancy	4	0	0	2	1
P01.7	Malpresentation Before Labor	0	1	0	0	0
P01.8	Other Maternal Complications of Pregnancy	1	1	0	0	0
P02	Fetus Affected by Complications of Placenta, Cord and Membranes	42	40	35	36	28
P02.0	Placenta Previa	1	0	1	0	0
P02.1	Other Forms of Placenta Separation and Hemorrhage	17	15	14	10	11
P02.2	Other and Unspecified Morphological and Functional Abnormalities of Placenta	4	3	4	3	2
P02.3	Placental Transfusion Syndromes	0	1	0	0	0
P02.4	Prolapsed Cord	1	0	0	0	0
P02.5	Other Compression of Umbilical Cord	16	18	16	23	12
P02.6	Other and Unspecified Conditions of Umbilical Cord	1	0	0	0	0
P02.7	Chorioamnionitis	2	3	0	0	3
P03	Fetus Affected by Other Complications of Labor and Delivery	2	2	1	4	3
P04	Fetus Affected by Noxious Influences Transmitted Via Placenta or Breast Milk	0	0	0	1	1
P05-P08	Disorders Related to Length of Gestation and Fetal Growth	8	9	6	7	5
P05	Slow Fetal Growth and Fetal Malnutrition	0	0	0	0	1
P07	Disorders Related to Short Gestation and Low Birthweight, Not Elsewhere Classified	8	9	6	7	4
P07.2	Extreme Immaturity	3	5	2	4	2
P07.3	Other Preterm Infants	5	4	4	3	2
P20-P29	Respiratory and Cardiovascular Disorders Specific to the Perinatal Period	5	6	5	5	2
P20	Intrauterine Hypoxia	0	1	0	1	0
P21	Birth Asphyxia	1	0	0	0	0
P23	Congenital Pneumonia	0	1	0	0	0
P24	Neonatal Aspiration Syndromes	1	0	0	0	0
P28	Other Respiratory Conditions Originating in the Perinatal Period	0	0	1	1	0
P29	Cardiovascular Disorders Originating in the Perinatal Period	3	4	4	3	2
P29.0	Neonatal Cardiac Failure	0	2	2	1	2
P29.1	Neonatal Cardiac Dysrhythmia	2	2	2	2	0
P29.8	Other Cardiovascular Disorders Originating in the Perinatal Period	1	0	0	0	0

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

ICDA 10 Code	Cause of Death	2006	2007	2008	2009	2010
P35-P39	Infections Specific to the Perinatal Period	0	0	0	1	0
P39	Other Infections Specific to the Perinatal Period	0	0	0	1	0
P70-P74	Transitory Endocrine and Metabolic Disorders Specific to Fetus	2	2	2	2	1
P70	Transitory Disorders of Carbohydrate Metabolism Specific to Fetus	2	2	2	2	1
P70.0	Syndrome of "Infant of Mother with Gestational Diabetes	2	0	1	1	1
P70.1	Syndrome of "Infant of a Diabetic Mother	0	2	1	1	0
P80-P83	Conditions Involving the Integument and Temperature Regulation of Fetus	0	2	1	2	1
P83	Other Conditions of Integument Specific to Fetus	0	2	1	2	1
P90-P96	Other Disorders Originating in the Perinatal Period	33	30	19	39	19
P96	Other Conditions Originating in the Perinatal Period	33	30	19	39	19
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	10	8	10	6	7
Q00-Q07	Congenital Malformations of the Nervous System	0	1	4	0	1
Q00	Anencephaly and Similar Malformations	0	0	3	0	0
Q03	Congenital Hydrocephalus	0	1	0	0	0
Q04	Other Congenital Malformations of Brain	0	0	1	0	0
Q07	Other Congenital Malformations of Nervous System	0	0	0	0	1
Q20-Q28	Congenital Malformations of the Circulatory System	1	0	2	1	1
Q24	Other Congenital Malformations of the Heart	1	0	2	1	1
Q35-Q37	Cleft Lip and Cleft Palate	1	0	0	0	0
Q37	Cleft Palate with Cleft Lip	1	0	0	0	0
Q50-Q56	Congenital Malformations of Genital Organs	0	1	0	0	0
Q55	Other Congenital Malformations of Male Genital Organs	0	1	0	0	0
Q60-Q64	Congenital Malformations of the Urinary System	3	1	0	1	0
Q60	Renal Agenesis and Other Reduction Defects of Kidney	2	0	0	0	0
Q61	Cystic Kidney Disease	1	0	0	0	0
Q64	Other Congenital Malformations of Urinary System	0	1	0	1	0
Q65-Q79	Congenital Malformations and Deformations of the Musculoskeletal System	0	0	2	0	2
Q79	Congenital Malformations of Musculoskeletal System, Not Elsewhere Classified	0	0	2	0	2
Q80-Q89	Other Congenital Malformations	3	3	2	2	2
Q82	Other Congenital Malformations of Skin	0	1	0	0	0
Q89	Other Congenital Malformations, Not Elsewhere Classified	3	2	2	2	2
Q90-Q99	Chromosomal Abnormalities, Not Elsewhere Classified	2	2	0	2	1
Q91	Edwards' Syndrome and Patau's Syndrome	1	2	0	0	1
Q96	Turner's Syndrome	1	0	0	1	0
Q99	Other Chromosome Abnormalities, Not Elsewhere Classified	0	0	0	1	0
R00-R99	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	0	0	0	1	0
R95-R99	III-Defined and Unknown Causes of Mortality	0	0	0	1	0
R96	Other Sudden Death, Cause Unknown	0	0	0	1	0

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

In 2010, there were 1,999 ITOPs performed in West Virginia, 12.8% more than in 2009 (1,772). Nearly seven out of every eight (87.5%) ITOPs involved a West Virginia resident, while 6.0% were Kentucky residents and 5.2% were residents of Ohio, compared with 2009 percentages of 88.5%, 5.0% and 4.7%, respectively. The median age of women having an ITOP in 2010 was 24, compared to 23 in 2009. There were 127 procedures in 2010 involving females under the age of 18, of which 114 were performed on unemancipated*minors, compared with 110 in 2009, of which 105 were performed on unemancipated minors. Eighty-two percent (82.3%) of the 2010 ITOPs performed in West Virginia involved women who were not married at the time. Over one-third (34.3%) of the 2010 ITOPs involved women who had never had a previous live birth; while 87.3% were to women who had two or fewer children. There were only one ITOP performed on a woman who had six or more children. Over sixty percent (63.7%) involved women for whom it was their first ITOP, while nearly all (95.2%) involved women who had two or fewer previous ITOPs. There were six ITOPs 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, 2010
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	7	3	2	3	0	0	0	15
15-17	52	29	19	10	2	0	0	112
18-19	114	36	28	15	7	0	0	200
20-24	403	135	85	45	11	2	0	681
25-29	285	85	51	35	12	3	0	471
30-34	201	54	39	19	3	1	0	317
35-39	108	23	16	5	3	2	0	157
40-44	24	7	6	2	2	0	1	42
45+	0	2	0	0	0	2	0	4
Unknown	0	0	0	0	0	0	0	0
Total	1,194	374	246	134	40	10	1	1,999

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

Induced Terminations of Pregnancy
By Age of Female and Marital Status
West Virginia Occurrences, 2010
Table 34

Age of Female	Marital Status						Total
	Married	Never Married	Divorced	Separated	Widowed	Unknown	
10-14	0	15	0	0	0	0	15
15-17	6	106	0	0	0	0	112
18-19	6	192	0	1	0	1	200
20-24	61	604	7	7	1	1	681
25-29	93	351	16	11	0	0	471
30-34	83	203	15	13	2	1	317
35-39	48	92	11	5	1	0	157
40-44	18	19	5	0	0	0	42
45+	0	1	0	1	2	0	4
Unknown	0	0	0	0	0	0	0
Total	315	1,583	54	38	6	3	1,999

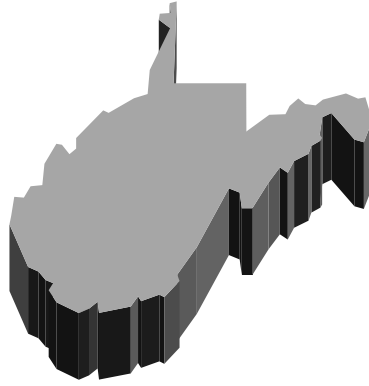
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Induced Terminations of Pregnancy
By Age of Female and Previous Live Births
West Virginia Occurrences, 2010
Table 35

Age of Female	Previous Live Births					Total
	None	One	Two	Three	Four or More	
10-14	14	1	0	0	0	15
15-17	99	12	1	0	0	112
18-19	139	58	3	0	0	200
20-24	248	251	135	41	6	681
25-29	107	148	140	59	17	471
30-34	48	99	86	52	32	317
35-39	23	42	50	26	16	157
40-44	8	14	17	3	0	42
45+	0	1	1	2	0	4
Unknown	0	0	0	0	0	0
Total	686	626	433	183	71	1,999

Previous Induced Terminations of Pregnancy
By Age of Female
West Virginia Occurrences, 2010
Table 36

Age of Female	Previous Induced Terminations						Total
	None	One	Two	Three	Four or More	Unknown	
10-14	15	0	0	0	0	0	15
15-17	104	7	0	1	0	0	112
18-19	164	29	6	1	0	0	200
20-24	461	155	45	15	5	0	681
25-29	264	127	50	17	13	0	471
30-34	160	90	40	15	11	1	317
35-39	79	45	19	8	6	0	157
40-44	22	12	5	2	1	0	42
45+	4	0	0	0	0	0	4
Unknown	0	0	0	0	0	0	0
Total	1,273	465	165	59	36	1	1,999



West Virginia Vital Statistics

Marriages & Divorces

Marriages

For the first time in three years, the number of marriages in West Virginia increased, from 12,468 in 2009 to 12,662 in 2010. The marriage rate in 2010 was 6.8 per 1,000 population, lower than the 2009 rate of 6.9. The 2010 U.S. provisional rate was 6.8.

For all marriages in 2010, the median age was 28 for brides and 30 for grooms. The mode (most frequently reported age) for all marriages was 23 for brides and 25 for grooms. There were 130 brides and 30 grooms aged less than 18. There were 163 brides and 297 grooms over the age of 65. Also in 2010, there were 230 marriages in which the groom was 20 years or more older than the bride, while there were 18 marriages in which the bride was at least 20 years older.

For first marriages, the median age for brides was 24; for grooms it was 26. The mode for first marriages in West Virginia was 23 for both brides and grooms. All of West Virginia's brides and grooms less than 18 years of age were in their first marriage. There were two brides and eight grooms over the age of 65 for which it was a first marriage.

Divorces and Annulments

The number of divorces and annulments increased by only eleven (11), from 9,420 in 2009 to 9,431 in 2010. The 2010 rate of 5.1 per 1,000 population was a little lower than the 2009 rate of 5.2.

Of the 9,431 divorces in West Virginia in 2010, the median duration of marriage was seven years. Over one out of every five (21.8%) West Virginia divorces with a known duration in 2010 involved marriages lasting only two years or less; 7.2% involved marriages of 25 years or longer. There were ten (10) divorces involving a wife aged less than 18, while there were no divorces in which the husband was under age 18. During 2010, 122 divorces involved a wife aged 65 or older and 235 involved a husband in the age group.

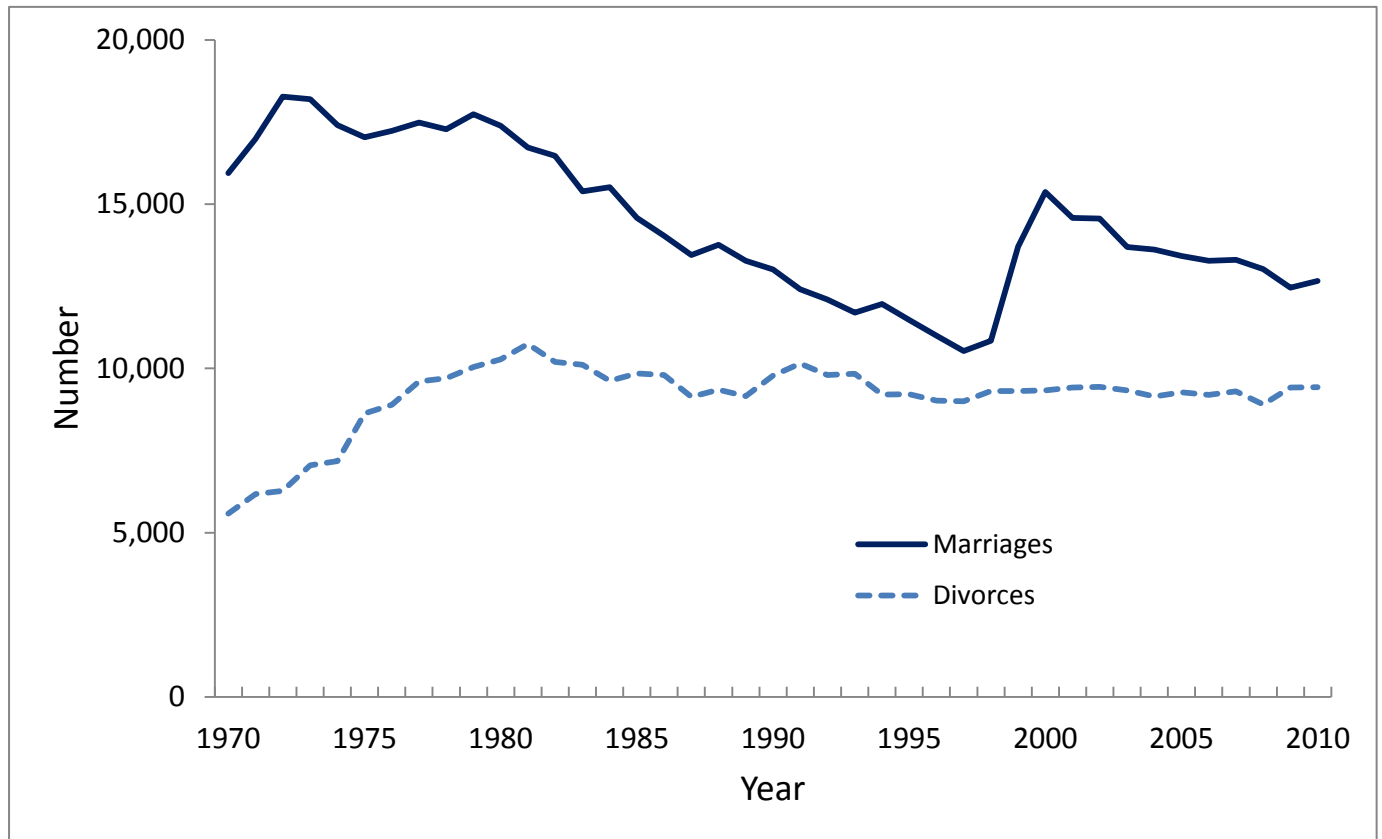
Over one-half (53.0%) of the divorces involved no children under 18 years of age in the family, while one child was involved in 22.6% of all divorces and two children were involved in 17.6%. Four divorces involved six or more children.

Note Regarding Marriage and Divorce/Annulment Statistics

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

Marriages and Divorces West Virginia, 1970-2010

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	9,432

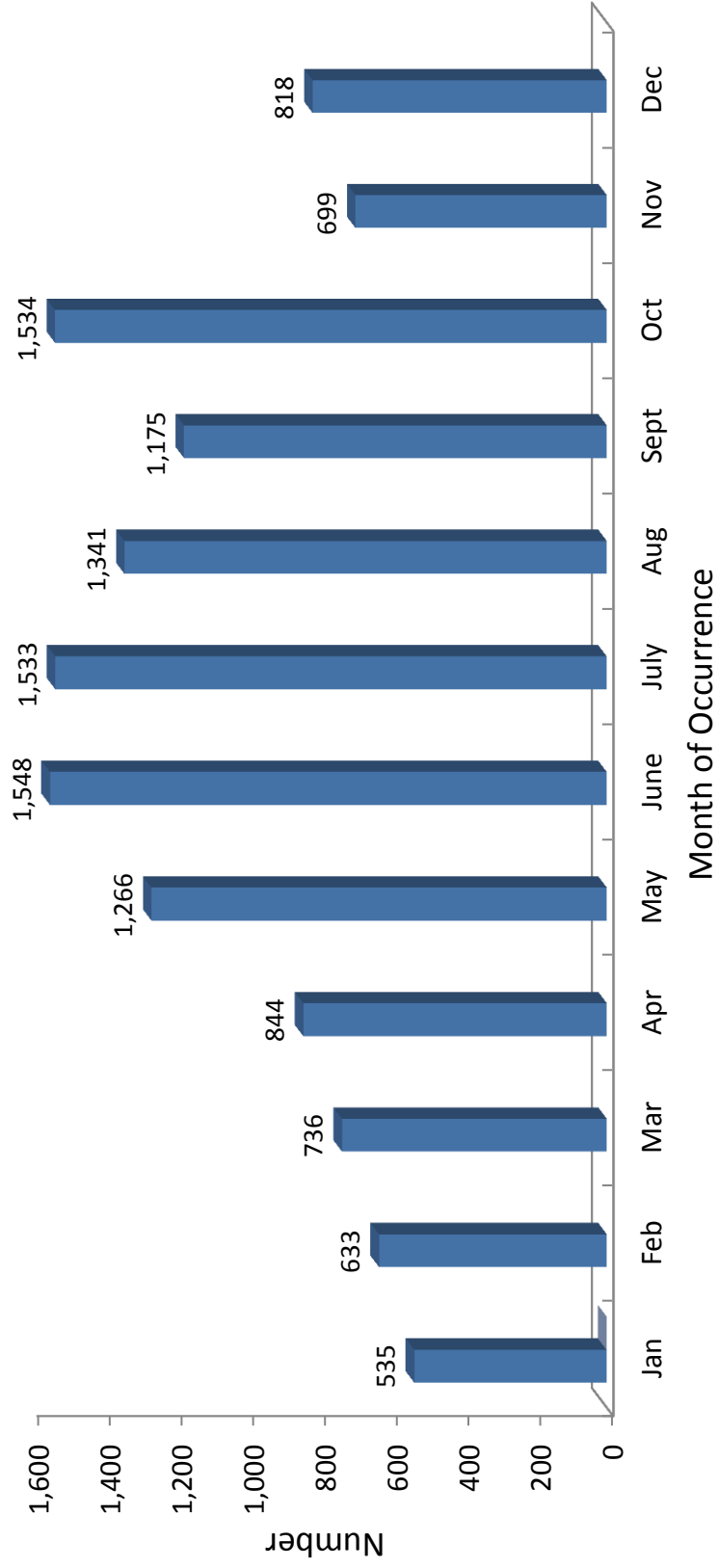
Marriages by Age of Bride and Groom
West Virginia, 2010
Table 37

Age of Bride	Age of Groom												Total
	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60 Years & Over	Unknown	
10-14 Years	0	1	0	0	0	0	0	0	0	0	0	0	1
15-19 Years	0	328	621	122	34	9	4	2	3	0	0	0	1,123
20-24 Years	0	110	1,626	1,058	319	102	37	15	10	6	1	0	3,284
25-29 Years	0	15	297	1,235	721	300	94	43	20	12	2	3	2,742
30-34 Years	0	3	75	271	575	392	176	77	34	13	3	0	1,619
35-39 Years	0	3	18	85	188	367	263	130	55	29	10	0	1,148
40-44 Years	0	0	8	23	62	151	279	213	109	45	41	0	931
45-49 Years	0	0	0	7	20	53	100	217	156	101	51	0	705
50-54 Years	0	0	0	3	0	7	21	77	161	120	80	0	469
55-59 Years	0	0	0	0	2	4	8	23	46	79	105	0	267
60 Years & Over	0	0	0	0	0	1	4	7	9	39	311	0	371
	0	0	0	0	0	0	0	0	0	1	0	1	2
Total	0	460	2,645	2,804	1,921	1,386	986	804	603	445	604	4	12,662

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

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Marriages by Month of Occurrence West Virginia, 2010 Exhibit 17



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Marriages by Previous Marital Status
West Virginia, 2010
Table 38

Bride	Groom					Total
	Never Married	Widowed	Divorced	Annulled	Not Stated	
Never Married	5,809	44	1,364	5	0	7,222
Widowed	57	146	266	0	2	471
Divorced	1,485	221	3,235	10	1	4,952
Annulled	4	1	5	1	0	11
Not Stated	2	1	1	0	2	6
Total	7,357	413	4,871	16	5	12,662

Marriages by Number of Previous Marriages
West Virginia, 2010
Table 39

Bride	Groom						Total
	Never Previously Married	One Previous Marriage	Two Previous Marriages	Three Previous Marriages	Four or More Previous Marriages	Not Stated	
Never Previously Married	5,809	1,141	219	42	11	0	7,222
One Previous Marriage	1,225	1,665	576	129	33	0	3,628
Two Previous Marriages	248	583	336	79	33	0	1,279
Three Previous Marriages	59	168	120	46	9	0	402
Four or More Previous Marriages	15	40	35	23	12	0	125
Not Stated	1	1	1	1	0	2	6
Total	7,357	3,598	1,287	320	98	2	12,662

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Divorces and Annulments by Age of Husband and Wife
West Virginia, 2010
Table 40

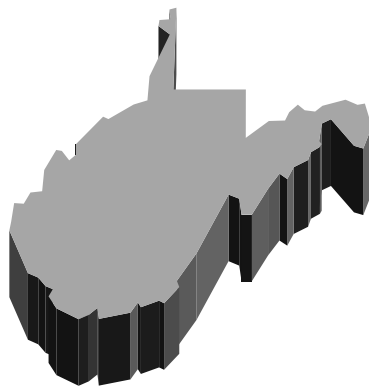
Age of Wife	Age of Husband												Total
	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60 Years & Over	Un- known	
10-14 Years	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19 Years	0	23	84	19	7	2	0	0	1	0	0	1	137
20-24 Years	0	18	414	361	114	34	18	6	3	0	2	15	985
25-29 Years	0	3	83	642	496	162	46	15	13	6	2	25	1,493
30-34 Years	0	0	23	161	598	505	165	56	23	9	7	29	1,576
35-39 Years	0	0	5	44	174	545	426	156	74	24	20	36	1,504
40-44 Years	0	0	2	21	56	170	454	289	127	46	19	21	1,205
45-49 Years	0	0	1	2	18	51	140	325	203	90	48	12	890
50-54 Years	0	0	0	0	6	17	41	90	218	132	72	6	582
55-59 Years	0	0	0	0	1	6	8	43	71	118	97	2	346
60 Years & Over	0	0	0	0	0	2	8	9	23	42	214	2	300
Unknown	0	0	13	24	31	30	25	37	22	8	13	210	413
Total	0	44	625	1,274	1,501	1,524	1,331	1,026	778	475	494	359	9,431

West Virginia Bureau for Public Health
Health Statistics Center, 2013

Divorces and Annulments by Duration of Marriage and Number of Children
West Virginia, 2010
Table 41

Duration of Marriage in Years	Number of Children Reported Under 18 Years of Age							Total
	None	One	Two	Three	Four	Five	Six or More	Un- known
Under 1 Year	451	45	19	9	0	0	0	0
1 to 4 Years	1,792	719	283	48	6	2	1	0
5 to 9 Years	1,117	593	534	167	21	3	1	0
10 to 14 Years	475	319	423	160	41	4	1	0
15 to 19 Years	302	223	277	113	20	9	1	0
20 to 24 Years	262	149	102	19	4	1	0	0
25 to 29 Years	239	57	19	3	0	1	0	0
30 to 34 Years	172	14	3	0	0	0	0	0
35 to 39 Years	93	5	0	0	0	0	0	0
40 to 44 Years	47	1	0	0	0	0	0	0
45 to 49 Years	14	0	0	0	0	0	0	0
50 to 54 Years	4	0	0	0	0	0	0	0
55 to 59 Years	3	0	0	0	0	0	0	0
60 Years & Over	2	0	0	0	0	0	0	0
Unknown	21	10	3	3	1	0	0	0
Total	4,994	2,135	1,663	522	93	20	4	0
								9,431

West Virginia Bureau for Public Health
Health Statistics Center, 2013



West Virginia Vital Statistics
County-Level Data

County and City Summary

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

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

Number of Births by County of Residence and Occurrence
Birth Rates by County of Residence
West Virginia, 2010
Table 42

County	Residence		Occurrence	County	Residence		Occurrence
	Number	Rate per 1,000 Population*			Number	Rate per 1,000 Population*	
Barbour	152	9.2	0	Monongalia	974	10.1	2,271
Berkeley	1,282	12.3	871	Monroe	133	9.9	4
Boone	307	12.5	0	Morgan	131	7.5	6
Braxton	162	11.2	4	Nicholas	291	11.1	265
Brooke	202	8.4	390	Ohio	472	10.6	1,335
Cabell	1,143	11.9	2,854	Pendleton	70	9.1	3
Calhoun	84	11.0	2	Pleasants	56	7.4	0
Clay	132	14.1	0	Pocahontas	79	9.1	6
Doddridge	71	8.7	0	Preston	332	9.9	105
Fayette	567	12.3	3	Putnam	583	10.5	32
Gilmer	78	9.0	1	Raleigh	974	12.4	1,566
Grant	128	10.7	252	Randolph	283	9.6	319
Greenbrier	353	9.9	551	Ritchie	83	7.9	0
Hampshire	225	9.4	1	Roane	157	10.5	0
Hancock	289	9.4	1	Summers	107	7.7	1
Hardy	148	10.6	1	Taylor	179	10.6	1
Harrison	798	11.5	833	Tucker	68	9.5	1
Jackson	334	11.4	1	Tyler	80	8.7	1
Jefferson	602	11.3	286	Upshur	273	11.3	304
Kanawha	2,206	11.4	3,918	Wayne	366	8.6	1
Lewis	189	11.5	295	Webster	99	10.8	0
Lincoln	257	11.8	0	Wetzel	170	10.3	1
Logan	437	11.9	356	Wirt	67	11.7	1
McDowell	278	12.6	50	Wood	969	11.1	1,626
Marion	677	12.0	446	Wyoming	264	11.1	0
Marshall	323	9.8	145				
Mason	309	11.3	237				
Mercer	789	12.7	1,313	Total	20,471	11.0	20,760
Mineral	301	10.7	0				
Mingo	388	14.5	100				

*Rates are calculated per 1,000 population. 2010 population are from the U.S. Bureau of the Census.

Number of Births by County of Residence
West Virginia, 2006-2010
Table 43

County	2006	2007	2008	2009	2010	County	2006	2007	2008	2009	2010
Barbour	154	194	174	171	152	Monongalia	923	907	921	927	974
Berkeley	1,344	1,517	1,434	1,352	1,282	Monroe	137	142	150	132	133
Boone	331	322	353	327	307	Morgan	160	170	160	162	131
Braxton	165	176	148	160	162	Nicholas	293	324	311	332	291
Brooke	210	220	223	208	202	Ohio	480	509	464	508	472
Cabell	1,215	1,234	1,259	1,263	1,143	Pendleton	74	72	74	97	70
Calhoun	84	83	77	92	84	Pleasants	72	82	77	64	56
Clay	136	147	142	132	132	Pocahontas	96	97	92	101	79
Doddridge	61	65	74	77	71	Preston	352	345	367	352	332
Fayette	570	628	568	606	567	Putnam	611	640	614	601	583
Gilmer	71	80	56	72	78	Raleigh	895	990	925	970	974
Grant	131	125	126	134	128	Randolph	315	347	326	293	283
Greenbrier	378	402	399	397	353	Ritchie	94	104	113	103	83
Hampshire	231	268	264	237	225	Roane	157	174	165	148	157
Hancock	309	319	331	293	289	Summers	115	122	116	123	107
Hardy	157	177	165	158	148	Taylor	162	165	161	198	179
Harrison	851	810	855	826	798	Tucker	64	83	66	69	68
Jackson	314	330	364	325	334	Tyler	89	96	75	100	80
Jefferson	670	725	688	627	602	Upshur	291	273	256	268	273
Kanawha	2,319	2,368	2,395	2,280	2,206	Wayne	467	460	460	410	366
Lewis	174	233	202	192	189	Webster	97	118	109	134	99
Lincoln	284	268	273	257	257	Wetzel	205	164	171	174	170
Logan	418	458	420	426	437	Wirt	56	50	62	40	67
McDowell	296	294	302	293	278	Wood	980	1,046	957	1,037	969
Marion	604	664	625	647	677	Wyoming	268	250	259	268	264
Marshall	317	356	330	329	323	Total	20,931	22,017	21,493	21,275	20,471
Mason	303	340	313	279	309						
Mercer	717	755	814	817	789						
Mineral	297	333	320	320	301						
Mingo	367	396	348	367	388						

West Virginia Bureau for Public Health
Health Statistics Center, 2013

Number and Percent of Low Birthweight (LBW) Births
By County of Residence
West Virginia, 2010
Table 44

County	Number of Births	Low Birthweight*	Percent LBW	County	Number of Births	Low Birthweight*	Percent LBW
Barbour	152	8	5.3%	Monongalia	974	73	7.5%
Berkeley	1,282	102	8.0%	Monroe	133	12	9.0%
Boone	307	36	11.8%	Morgan	131	9	6.9%
Braxton	162	19	11.7%	Nicholas	291	26	8.9%
Brooke	202	19	9.4%	Ohio	472	39	8.3%
Cabell	1,143	124	10.8%	Pendleton	70	8	11.4%
Calhoun	84	10	11.9%	Pleasants	56	4	7.1%
Clay	132	7	5.3%	Pocahontas	79	7	8.9%
Doddridge	71	4	5.6%	Preston	332	36	10.8%
Fayette	567	62	10.9%	Putnam	583	43	7.4%
Gilmer	78	4	5.1%	Raleigh	974	103	10.6%
Grant	128	13	10.2%	Randolph	283	20	7.1%
Greenbrier	353	18	5.1%	Ritchie	83	6	7.2%
Hampshire	225	18	8.0%	Roane	157	10	6.4%
Hancock	289	16	5.5%	Summers	107	10	9.3%
Hardy	148	15	10.1%	Taylor	179	13	7.3%
Harrison	798	71	8.9%	Tucker	68	5	7.4%
Jackson	334	24	7.2%	Tyler	80	6	7.5%
Jefferson	602	59	9.8%	Upshur	273	11	4.0%
Kanawha	2,206	182	8.3%	Wayne	366	48	13.1%
Lewis	189	23	12.2%	Webster	99	10	10.1%
Lincoln	257	28	10.9%	Wetzel	170	10	5.9%
Logan	437	44	10.1%	Wirt	67	5	7.6%
McDowell	278	42	15.1%	Wood	969	84	8.7%
Marion	677	62	9.2%	Wyoming	264	30	11.4%
Marshall	323	30	9.3%				
Mason	309	33	10.7%				
Mercer	789	108	13.7%	Total	20,471	1,882	9.2%
Mineral	301	23	7.6%				
Mingo	388	50	12.9%				

* < 2,500 grams

Percentages are calculated excluding unknown.

West Virginia Bureau for Public Health
Health Statistics Center, 2013

Age of Mother by County
West Virginia Resident Births, 2010

Table 45

County	Age of Mother										Total
	10-14 Years	15-17 Years	18-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45 Years & Over	Un- known	
Barbour	0	6	24	48	44	21	7	2	0	0	152
Berkeley	0	38	80	350	384	263	137	25	5	0	1,282
Boone	0	14	40	95	87	50	18	2	1	0	307
Braxton	0	5	15	66	46	19	8	3	0	0	162
Brooke	0	3	18	51	67	44	18	1	0	0	202
Cabell	1	36	120	334	338	211	90	10	3	0	1,143
Calhoun	0	5	13	30	25	10	1	0	0	0	84
Clay	1	2	14	48	29	26	10	2	0	0	132
Doddridge	0	2	8	23	17	18	2	1	0	0	71
Fayette	2	23	60	179	154	93	42	14	0	0	567
Gilmer	0	1	4	32	21	10	8	0	2	0	78
Grant	0	5	15	44	29	23	10	2	0	0	128
Greenbrier	0	10	37	113	93	68	25	7	0	0	353
Hampshire	0	9	25	65	55	49	14	7	1	0	225
Hancock	0	6	13	91	81	62	31	5	0	0	289
Hardy	1	5	14	50	38	25	12	3	0	0	148
Harrison	0	20	74	264	227	142	54	17	0	0	798
Jackson	0	12	26	111	102	68	10	4	1	0	334
Jefferson	0	13	37	142	168	145	67	28	2	0	602
Kanawha	1	82	198	648	594	481	165	31	6	0	2,206
Lewis	0	12	20	64	60	25	7	1	0	0	189
Lincoln	1	10	24	91	69	35	20	6	1	0	257
Logan	0	25	47	147	122	72	19	5	0	0	437
McDowell	1	17	40	102	60	38	16	3	1	0	278
Marion	0	15	65	181	198	146	54	17	1	0	677
Marshall	0	12	28	99	95	55	24	9	1	0	323
Mason	0	12	33	106	81	61	13	3	0	0	309
Mercer	5	30	85	292	205	118	42	10	2	0	789
Mineral	1	10	32	106	85	44	19	4	0	0	301
Mingo	0	19	47	124	108	65	17	7	1	0	388
Monongalia	1	18	50	201	342	233	101	25	2	1	974
Monroe	0	3	8	43	49	23	5	2	0	0	133
Morgan	0	3	14	44	26	30	13	1	0	0	131
Nicholas	0	12	30	106	69	50	14	9	1	0	291
Ohio	1	23	38	134	136	90	44	5	1	0	472
Pendleton	0	0	5	22	25	14	4	0	0	0	70
Pleasants	0	0	5	22	17	4	8	0	0	0	56
Pocahontas	0	1	6	31	17	14	6	3	1	0	79
Preston	2	6	33	89	108	60	27	5	1	1	332
Putnam	0	16	43	131	187	139	47	20	0	0	583
Raleigh	2	32	103	295	273	186	71	11	1	0	974
Randolph	0	12	34	83	77	46	28	3	0	0	283
Ritchie	0	7	9	17	27	13	8	2	0	0	83
Roane	0	4	21	53	48	19	8	4	0	0	157
Summers	0	6	6	40	24	20	10	1	0	0	107
Taylor	0	3	13	52	56	31	21	3	0	0	179
Tucker	0	4	4	18	31	9	2	0	0	0	68
Tyler	0	6	7	22	23	15	6	1	0	0	80
Upshur	0	4	27	99	82	40	15	6	0	0	273
Wayne	0	15	43	118	98	63	25	3	1	0	366
Webster	0	6	6	44	16	15	8	3	1	0	99
Wetzel	0	4	21	62	51	19	10	2	1	0	170
Wirt	0	3	6	20	17	11	8	1	1	0	67
Wood	1	33	93	319	265	167	67	22	2	0	969
Wyoming	0	10	24	107	72	33	15	3	0	0	264
Total	21	690	1,905	6,268	5,818	3,831	1,531	364	41	2	20,471

Mother's Marital Status and Method of Paternity Establishment for
Unmarried Mothers by County
West Virginia Occurrence Births, 2010
Table 46

County	Total Births	Mother's Marital Status		Mother Unmarried with Paternity Established		Mother Unmarried with Father Unknown
		Married*	Unmarried	Paternity Affidavit Accepted	Father Established by Other Methods	
Barbour	0	0	0	0	0	0
Berkeley	871	378	493	376	36	81
Boone	0	0	0	0	0	0
Braxton	4	3	1	0	0	1
Brooke	390	208	182	140	15	27
Cabell	2,854	1,630	1,224	835	121	268
Calhoun	2	2	0	0	0	0
Clay	0	0	0	0	0	0
Doddridge	0	0	0	0	0	0
Fayette	3	2	1	1	0	0
Gilmer	1	1	0	0	0	0
Grant	252	123	129	91	11	27
Greenbrier	551	273	278	206	32	40
Hampshire	1	1	0	0	0	0
Hancock	1	1	0	0	0	0
Hardy	1	0	1	0	0	1
Harrison	833	434	399	314	37	48
Jackson	1	1	0	0	0	0
Jefferson	286	114	172	127	12	33
Kanawha	3,918	2,240	1,678	1,212	245	221
Lewis	295	148	147	111	18	18
Lincoln	0	0	0	0	0	0
Logan	356	175	181	109	31	41
McDowell	50	23	27	14	6	7
Marion	446	219	227	171	21	35
Marshall	145	65	80	56	11	13
Mason	237	104	133	91	21	21
Mercer	1,313	742	571	353	75	143
Mineral	0	0	0	0	0	0
Mingo	100	45	55	34	6	15
Monongalia	2,271	1,531	740	555	62	123
Monroe	4	4	0	0	0	0
Morgan	6	4	2	2	0	0
Nicholas	265	112	153	102	25	26
Ohio	1,335	665	670	512	60	98
Pendleton	3	3	0	0	0	0
Pleasants	0	0	0	0	0	0
Pocahontas	6	4	2	2	0	0
Preston	105	56	49	36	5	8
Putnam	32	27	5	3	1	1
Raleigh	1,566	833	733	471	105	157
Randolph	319	155	164	138	12	14
Ritchie	0	0	0	0	0	0
Roane	0	0	0	0	0	0
Summers	1	1	0	0	0	0
Taylor	1	1	0	0	0	0
Tucker	1	0	1	1	0	0
Tyler	1	1	0	0	0	0
Upshur	304	206	98	66	9	23
Wayne	1	0	1	0	0	1
Webster	0	0	0	0	0	0
Wetzel	1	1	0	0	0	0
Wirt	1	1	0	0	0	0
Wood	1,626	934	692	509	77	106
Wyoming	0	0	0	0	0	0
Total	20,760	11,471	9,289	6,638	1,054	1,597

West Virginia Bureau for Public Health
Health Statistics Center, 2013

*Includes 16 births with unknown marital status.

Births by Month by County
West Virginia Residents, 2010
Table 47

County	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Barbour	14	11	13	14	11	14	10	18	6	18	13	10	152
Berkeley	107	102	118	108	104	111	89	94	137	100	105	107	1,282
Boone	40	24	32	26	23	21	27	22	24	29	21	18	307
Braxton	12	11	9	13	9	13	18	18	17	15	10	17	162
Brooke	11	13	18	18	19	19	16	8	22	14	26	18	202
Cabell	87	87	103	108	108	86	97	86	107	82	98	94	1,143
Calhoun	4	4	8	7	5	11	7	8	10	8	9	3	84
Clay	7	4	15	14	10	16	16	5	13	10	12	10	132
Doddridge	5	9	5	12	1	5	6	5	4	4	9	6	71
Fayette	55	41	39	49	48	46	49	46	53	43	51	47	567
Gilmer	6	5	5	7	4	9	5	8	8	7	5	9	78
Grant	7	10	8	14	15	12	9	11	11	9	8	14	128
Greenbrier	23	27	26	34	34	37	37	24	28	34	25	24	353
Hampshire	25	14	27	20	21	23	17	23	16	10	17	12	225
Hancock	29	18	24	28	25	17	23	25	22	32	26	20	289
Hardy	15	4	10	11	11	16	11	19	9	12	12	18	148
Harrison	60	64	62	71	73	66	60	78	65	58	70	71	798
Jackson	22	21	28	31	24	39	26	24	42	17	26	34	334
Jefferson	57	43	48	43	50	53	52	54	53	53	36	60	602
Kanawha	177	170	234	169	171	171	189	200	204	169	164	188	2,206
Lewis	19	17	11	17	22	18	8	8	19	14	18	18	189
Lincoln	20	19	18	14	20	28	24	25	26	22	18	23	257
Logan	29	33	36	32	29	39	53	37	35	36	32	46	437
McDowell	20	16	21	18	27	23	28	23	29	30	21	22	278
Marion	53	57	63	55	49	67	71	59	52	54	48	49	677
Marshall	30	18	26	25	19	32	38	24	24	27	31	29	323
Mason	22	23	20	31	33	19	26	33	21	18	37	26	309
Mercer	67	69	60	73	69	53	73	65	75	70	58	57	789
Mineral	30	29	31	20	22	34	25	17	29	20	21	23	301
Mingo	29	24	36	33	30	33	31	35	34	33	43	27	388
Monongalia	66	70	66	60	82	82	95	95	94	85	105	74	974
Monroe	9	12	12	16	12	13	10	9	15	8	8	9	133
Morgan	9	11	8	14	15	13	10	11	11	7	10	12	131
Nicholas	21	19	31	26	23	29	22	30	23	20	23	24	291
Ohio	31	31	46	28	35	42	38	57	40	49	35	40	472
Pendleton	11	9	6	6	3	6	5	3	2	10	4	5	70
Pleasants	4	1	7	7	7	4	1	6	5	5	6	3	56
Pocahontas	5	2	6	8	12	6	7	4	10	5	6	8	79
Preston	35	21	29	21	30	26	37	20	38	17	27	31	332
Putnam	57	45	51	40	33	43	50	53	67	39	54	51	583
Raleigh	82	66	93	81	78	75	81	77	86	91	78	86	974
Randolph	22	16	30	27	13	21	24	32	28	31	23	16	283
Ritchie	5	5	6	7	7	9	8	6	9	7	7	7	83
Roane	12	17	14	16	9	9	13	14	11	13	12	17	157
Summers	5	10	7	8	8	13	13	6	6	14	7	10	107
Taylor	11	16	9	19	15	16	17	13	16	12	18	17	179
Tucker	5	4	8	10	6	5	6	7	0	5	5	7	68
Tyler	5	8	11	4	4	14	5	7	6	3	10	3	80
Upshur	28	24	27	15	26	24	21	27	25	22	13	21	273
Wayne	16	29	34	28	31	38	33	35	32	30	29	31	366
Webster	6	3	7	8	10	10	9	7	10	9	9	11	99
Wetzel	10	9	22	15	10	12	6	18	17	19	18	14	170
Wirt	3	3	5	9	9	6	5	9	8	1	7	2	67
Wood	68	67	84	83	95	82	65	83	89	72	98	83	969
Wyoming	22	20	24	17	13	25	21	21	33	23	22	23	264
Total	1,630	1,505	1,797	1,688	1,672	1,754	1,743	1,752	1,876	1,645	1,704	1,705	20,471

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Place of Delivery, Gender of Child by Race and Marital Status of Mother by County
West Virginia Resident Births, 2010

Table 48

County	Place of Delivery		White or Caucasian		Black or African American		All Other Races		Number of Births to Unmarried Mothers	Total
	Hospital*	Non-Hospital**	Male	Female	Male	Female	Male	Female		
Barbour	152	0	70	79	0	1	0	2	77	152
Berkeley	1,267	15	567	607	38	44	13	12	525	1,282
Boone	307	0	157	148	2	0	0	0	139	307
Braxton	161	1	80	77	0	0	3	2	74	162
Brooke	200	2	99	101	0	0	1	1	94	202
Cabell	1,141	2	507	544	36	32	13	11	534	1,143
Calhoun	82	2	44	40	0	0	0	0	35	84
Clay	132	0	59	72	1	0	0	0	53	132
Doddridge	71	0	40	29	1	0	1	0	33	71
Fayette	562	5	270	276	11	6	2	1	264	567
Gilmer	77	1	39	38	0	0	0	1	26	78
Grant	128	0	56	69	0	1	1	1	48	128
Greenbrier	348	5	161	177	6	4	1	2	153	353
Hampshire	222	3	117	106	0	1	0	1	121	225
Hancock	281	8	138	141	2	5	0	3	133	289
Hardy	147	1	70	70	1	0	3	4	73	148
Harrison	795	3	396	385	7	6	3	0	368	798
Jackson	334	0	177	156	0	0	1	0	128	334
Jefferson	596	6	261	281	18	19	10	13	252	602
Kanawha	2,195	11	985	999	95	96	9	19	1,050	2,206
Lewis	188	1	82	104	1	0	1	1	78	189
Lincoln	256	1	140	116	0	0	0	0	107	257
Logan	437	0	218	215	0	3	0	1	191	437
McDowell	277	1	131	117	19	10	1	0	148	278
Marion	673	4	311	330	14	12	5	5	292	677
Marshall	322	1	155	163	1	1	3	0	157	323
Mason	306	3	163	144	0	1	1	0	148	309
Mercer	787	2	366	348	37	29	6	3	382	789
Mineral	301	0	145	144	7	2	2	1	151	301
Mingo	387	1	206	175	3	2	0	1	162	388
Monongalia	968	6	447	443	12	11	25	33	295	974
Monroe	129	4	65	66	0	1	1	0	38	133
Morgan	127	4	75	56	0	0	0	0	50	131
Nicholas	291	0	136	153	1	0	1	0	129	291
Ohio	468	4	223	213	14	7	7	7	251	472
Pendleton	68	2	30	37	1	0	2	0	24	70
Pleasants	56	0	28	27	0	0	0	0	18	56
Pocahontas	74	5	33	39	3	3	1	0	43	79
Preston	331	1	169	159	1	2	0	0	126	332
Putnam	579	4	303	265	1	4	4	5	191	583
Raleigh	967	7	459	431	37	31	8	7	429	974
Randolph	282	1	146	132	0	1	0	0	132	283
Ritchie	83	0	48	34	0	0	0	1	30	83
Roane	157	0	80	75	0	1	0	1	61	157
Summers	106	1	53	46	2	1	1	2	46	107
Taylor	178	1	88	87	1	1	1	1	70	179
Tucker	67	1	34	33	0	0	0	1	33	68
Tyler	79	1	43	37	0	0	0	0	28	80
Upshur	271	2	132	138	1	1	0	1	102	273
Wayne	365	1	190	174	1	0	1	0	156	366
Webster	99	0	54	44	0	0	0	1	50	99
Wetzel	170	0	89	78	1	1	0	1	90	170
Wirt	66	1	33	34	0	0	0	0	27	67
Wood	963	6	454	480	12	7	7	7	450	969
Wyoming	261	3	132	130	1	0	0	1	105	264
Total	20,337	134	9,754	9,662	389	347	139	154	8,970	20,471

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

**Includes 23 unknown.

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

Trimester Prenatal Care Began by County
West Virginia Resident Births, 2010
Table 49

County	First Trimester		Second Trimester		Third Trimester		No Care		Unknown	Total
	Births	Percent*	Births	Percent*	Births	Percent*	Births	Percent*		
Barbour	135	88.8%	15	9.9%	2	1.3%	0	0.0%	0	152
Berkeley	964	89.3%	97	9.0%	13	1.2%	5	0.5%	203	1,282
Boone	223	75.1%	52	17.5%	21	7.1%	1	0.3%	10	307
Braxton	129	79.6%	20	12.3%	12	7.4%	1	0.6%	0	162
Brooke	133	75.1%	32	18.1%	11	6.2%	1	0.6%	25	202
Cabell	942	83.7%	160	14.2%	22	2.0%	2	0.2%	17	1,143
Calhoun	73	86.9%	9	10.7%	2	2.4%	0	0.0%	0	84
Clay	104	78.8%	21	15.9%	6	4.5%	1	0.8%	0	132
Doddridge	64	90.1%	6	8.5%	0	0.0%	1	1.4%	0	71
Fayette	469	85.4%	60	10.9%	18	3.3%	2	0.4%	18	567
Gilmer	68	89.5%	8	10.5%	0	0.0%	0	0.0%	2	78
Grant	86	78.9%	22	20.2%	1	0.9%	0	0.0%	19	128
Greenbrier	317	93.0%	24	7.0%	0	0.0%	0	0.0%	12	353
Hampshire	171	85.9%	24	12.1%	2	1.0%	2	1.0%	26	225
Hancock	159	64.4%	65	26.3%	21	8.5%	2	0.8%	42	289
Hardy	118	81.4%	25	17.2%	2	1.4%	0	0.0%	3	148
Harrison	718	90.3%	71	8.9%	3	0.4%	3	0.4%	3	798
Jackson	298	89.8%	22	6.6%	10	3.0%	2	0.6%	2	334
Jefferson	465	91.0%	39	7.6%	4	0.8%	3	0.6%	91	602
Kanawha	1,788	81.5%	335	15.3%	62	2.8%	8	0.4%	13	2,206
Lewis	164	87.7%	20	10.7%	2	1.1%	1	0.5%	2	189
Lincoln	194	77.6%	43	17.2%	9	3.6%	4	1.6%	7	257
Logan	219	58.2%	121	32.2%	35	9.3%	1	0.3%	61	437
McDowell	185	68.5%	69	25.6%	13	4.8%	3	1.1%	8	278
Marion	554	82.3%	105	15.6%	11	1.6%	3	0.4%	4	677
Marshall	263	83.5%	42	13.3%	10	3.2%	0	0.0%	8	323
Mason	193	63.1%	77	25.2%	35	11.4%	1	0.3%	3	309
Mercer	579	73.9%	161	20.6%	31	4.0%	12	1.5%	6	789
Mineral	34	53.1%	20	31.3%	1	1.6%	9	14.1%	237	301
Mingo	180	76.9%	42	17.9%	12	5.1%	0	0.0%	154	388
Monongalia	848	87.9%	100	10.4%	14	1.5%	3	0.3%	9	974
Monroe	109	84.5%	14	10.9%	5	3.9%	1	0.8%	4	133
Morgan	99	89.2%	7	6.3%	4	3.6%	1	0.9%	20	131
Nicholas	240	84.5%	36	12.7%	6	2.1%	2	0.7%	7	291
Ohio	363	79.4%	74	16.2%	17	3.7%	3	0.7%	15	472
Pendleton	62	88.6%	8	11.4%	0	0.0%	0	0.0%	0	70
Pleasants	44	80.0%	7	12.7%	4	7.3%	0	0.0%	1	56
Pocahontas	61	78.2%	15	19.2%	2	2.6%	0	0.0%	1	79
Preston	238	83.2%	37	12.9%	8	2.8%	3	1.0%	46	332
Putnam	504	87.0%	61	10.5%	13	2.2%	1	0.2%	4	583
Raleigh	811	85.6%	110	11.6%	19	2.0%	7	0.7%	27	974
Randolph	234	83.6%	41	14.6%	1	0.4%	4	1.4%	3	283
Ritchie	79	95.2%	2	2.4%	2	2.4%	0	0.0%	0	83
Roane	120	76.9%	24	15.4%	12	7.7%	0	0.0%	1	157
Summers	88	87.1%	11	10.9%	1	1.0%	1	1.0%	6	107
Taylor	156	87.6%	20	11.2%	1	0.6%	1	0.6%	1	179
Tucker	42	84.0%	8	16.0%	0	0.0%	0	0.0%	18	68
Tyler	70	89.7%	6	7.7%	2	2.6%	0	0.0%	2	80
Upshur	227	85.7%	35	13.2%	3	1.1%	0	0.0%	8	273
Wayne	286	86.1%	38	11.4%	3	0.9%	5	1.5%	34	366
Webster	85	87.6%	11	11.3%	1	1.0%	0	0.0%	2	99
Wetzel	141	83.9%	20	11.9%	7	4.2%	0	0.0%	2	170
Wirt	62	92.5%	3	4.5%	1	1.5%	1	1.5%	0	67
Wood	872	91.0%	68	7.1%	17	1.8%	1	0.1%	11	969
Wyoming	179	71.3%	46	18.3%	17	6.8%	9	3.6%	13	264
Total	16,009	83.1%	2,609	13.5%	531	2.8%	111	0.6%	1,211	20,471

West Virginia Bureau for Public Health
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*Percentages calculated excluding unknowns.

Number of Prenatal Visits by County
West Virginia Resident Births, 2010

Table 50

County	Number of Prenatal Visits										Un-known	Total
	No Visits		1-5 Visits		6-10 Visits		11-15 Visits		16 or More Visits			
	Births	Percent*	Births	Percent*	Births	Percent*	Births	Percent*	Births	Percent*		
Barbour	0	0.0%	6	3.9%	19	12.5%	99	65.1%	28	18.4%	0	152
Berkeley	5	0.4%	33	2.6%	207	16.4%	873	69.0%	147	11.6%	17	1,282
Boone	1	0.3%	36	11.9%	112	37.1%	120	39.7%	33	10.9%	5	307
Braxton	1	0.6%	17	10.5%	43	26.5%	77	47.5%	24	14.8%	0	162
Brooke	1	0.5%	7	3.5%	55	27.4%	129	64.2%	9	4.5%	1	202
Cabell	2	0.2%	86	7.6%	388	34.1%	549	48.2%	114	10.0%	4	1,143
Calhoun	0	0.0%	6	7.2%	26	31.3%	39	47.0%	12	14.5%	1	84
Clay	1	0.8%	13	9.8%	44	33.3%	64	48.5%	10	7.6%	0	132
Doddridge	1	1.4%	1	1.4%	9	12.7%	50	70.4%	10	14.1%	0	71
Fayette	2	0.4%	44	7.8%	118	20.9%	296	52.4%	105	18.6%	2	567
Gilmer	0	0.0%	2	2.6%	10	12.8%	52	66.7%	14	17.9%	0	78
Grant	0	0.0%	3	2.4%	22	17.3%	67	52.8%	35	27.6%	1	128
Greenbrier	0	0.0%	7	2.0%	41	11.6%	246	69.7%	59	16.7%	0	353
Hampshire	2	0.9%	5	2.2%	45	20.1%	166	74.1%	6	2.7%	1	225
Hancock	2	0.7%	10	3.5%	78	27.5%	176	62.0%	18	6.3%	5	289
Hardy	0	0.0%	6	4.1%	20	13.5%	100	67.6%	22	14.9%	0	148
Harrison	3	0.4%	14	1.8%	105	13.2%	549	68.8%	127	15.9%	0	798
Jackson	2	0.6%	14	4.2%	94	28.2%	176	52.9%	47	14.1%	1	334
Jefferson	3	0.5%	15	2.6%	136	23.2%	370	63.2%	61	10.4%	17	602
Kanawha	8	0.4%	181	8.2%	708	32.2%	1,051	47.7%	254	11.5%	4	2,206
Lewis	1	0.5%	6	3.2%	28	14.8%	113	59.8%	41	21.7%	0	189
Lincoln	4	1.6%	25	9.8%	75	29.4%	117	45.9%	34	13.3%	2	257
Logan	1	0.2%	65	16.0%	177	43.7%	141	34.8%	21	5.2%	32	437
McDowell	3	1.1%	29	10.6%	106	38.7%	106	38.7%	30	10.9%	4	278
Marion	3	0.4%	22	3.3%	155	23.0%	423	62.7%	72	10.7%	2	677
Marshall	0	0.0%	8	2.5%	57	17.8%	246	76.6%	10	3.1%	2	323
Mason	1	0.3%	26	8.5%	107	35.0%	151	49.3%	21	6.9%	3	309
Mercer	12	1.5%	65	8.2%	291	36.9%	335	42.5%	85	10.8%	1	789
Mineral	9	3.0%	23	7.7%	129	43.1%	123	41.1%	15	5.0%	2	301
Mingo	0	0.0%	33	8.7%	110	29.0%	133	35.1%	103	27.2%	9	388
Monongalia	3	0.3%	28	2.9%	193	20.0%	594	61.5%	148	15.3%	8	974
Monroe	1	0.8%	5	3.8%	36	27.3%	76	57.6%	14	10.6%	1	133
Morgan	1	0.8%	3	2.3%	23	17.7%	95	73.1%	8	6.2%	1	131
Nicholas	2	0.7%	27	9.3%	109	37.7%	129	44.6%	22	7.6%	2	291
Ohio	3	0.6%	10	2.1%	87	18.6%	360	77.1%	7	1.5%	5	472
Pendleton	0	0.0%	4	5.7%	10	14.3%	37	52.9%	19	27.1%	0	70
Pleasants	0	0.0%	1	1.8%	9	16.1%	32	57.1%	14	25.0%	0	56
Pocahontas	0	0.0%	4	5.1%	24	30.4%	38	48.1%	13	16.5%	0	79
Preston	3	0.9%	21	6.4%	78	23.9%	182	55.7%	43	13.1%	5	332
Putnam	1	0.2%	37	6.4%	187	32.1%	284	48.8%	73	12.5%	1	583
Raleigh	7	0.7%	43	4.4%	203	20.9%	513	52.8%	205	21.1%	3	974
Randolph	4	1.4%	11	3.9%	63	22.3%	174	61.5%	31	11.0%	0	283
Ritchie	0	0.0%	1	1.2%	18	21.7%	42	50.6%	22	26.5%	0	83
Roane	0	0.0%	23	14.6%	63	40.1%	57	36.3%	14	8.9%	0	157
Summers	1	0.9%	5	4.7%	32	30.2%	54	50.9%	14	13.2%	1	107
Taylor	1	0.6%	3	1.7%	35	19.6%	114	63.7%	26	14.5%	0	179
Tucker	0	0.0%	5	7.4%	20	29.4%	40	58.8%	3	4.4%	0	68
Tyler	0	0.0%	5	6.3%	14	17.7%	50	63.3%	10	12.7%	1	80
Upshur	0	0.0%	8	2.9%	52	19.1%	174	64.0%	38	14.0%	1	273
Wayne	5	1.4%	29	8.0%	121	33.2%	172	47.3%	37	10.2%	2	366
Webster	0	0.0%	6	6.1%	36	36.7%	50	51.0%	6	6.1%	1	99
Wetzel	0	0.0%	5	3.0%	40	23.7%	118	69.8%	6	3.6%	1	170
Wirt	1	1.5%	1	1.5%	11	16.4%	36	53.7%	18	26.9%	0	67
Wood	1	0.1%	20	2.1%	192	19.9%	539	55.8%	214	22.2%	3	969
Wyoming	9	3.5%	29	11.3%	71	27.7%	109	42.6%	38	14.8%	8	264
Total	111	0.5%	1,142	5.6%	5,242	25.8%	11,206	55.2%	2,610	12.9%	160	20,471

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, 2010
Table 51

County	Pregnancy Risk Factors			Cesarean Section		1 or More Complications of Labor and/or Delivery	1 or More Congenital Anomalies	1 or More Abnormal Conditions of the Newborn
	Alcohol Use	Tobacco Use	1 or More Medical Risk Factors	Primary	Repeat			
Barbour	0.0	30.3	32.2	20.4	11.8	28.9	1.3	5.9
Berkeley	0.6	20.6	60.2	17.1	13.9	31.0	1.3	8.1
Boone	0.0	34.3	40.1	24.2	23.5	37.0	0.3	1.0
Braxton	0.0	31.1	34.8	21.6	17.9	32.1	2.5	1.9
Brooke	0.0	25.6	41.4	23.7	11.6	26.6	3.1	4.5
Cabell	0.2	25.5	44.4	22.3	14.4	33.2	0.5	1.5
Calhoun	0.0	32.1	40.5	23.8	9.5	36.9	1.2	33.3
Clay	0.8	22.0	37.1	21.2	17.4	33.3	0.0	2.3
Doddridge	0.0	36.6	63.4	19.7	19.7	23.9	2.8	12.7
Fayette	0.2	28.9	61.7	22.2	13.2	41.6	5.3	14.5
Gilmer	0.0	21.8	43.6	20.5	10.3	30.8	6.4	12.8
Grant	0.0	24.2	52.3	23.7	22.9	50.0	0.0	4.7
Greenbrier	0.3	25.8	33.0	11.0	9.9	53.3	4.5	15.6
Hampshire	0.0	27.6	33.0	16.9	18.4	28.6	0.9	4.5
Hancock	0.0	25.8	39.5	28.3	13.6	28.6	1.8	4.8
Hardy	0.0	23.6	39.2	21.6	17.6	50.7	0.7	2.7
Harrison	0.0	29.9	48.6	21.2	16.5	27.5	1.4	6.0
Jackson	0.0	24.9	53.2	25.2	16.8	41.9	1.2	29.3
Jefferson	1.9	17.5	43.7	18.2	15.1	33.9	1.7	6.0
Kanawha	0.2	23.0	32.9	24.6	19.2	37.8	0.2	0.5
Lewis	0.0	24.5	38.6	20.1	13.2	25.9	3.2	3.7
Lincoln	0.8	40.2	40.8	24.6	17.6	30.1	1.6	1.2
Logan	0.2	33.0	43.3	30.9	21.3	35.9	0.9	2.7
McDowell	0.4	40.2	45.7	14.4	19.4	27.7	2.5	4.4
Marion	0.7	22.9	49.4	20.1	12.9	35.7	2.8	15.7
Marshall	0.3	31.3	45.4	22.3	16.7	25.4	2.5	3.2
Mason	0.5	32.5	47.0	20.3	17.9	29.4	1.0	2.3
Mercer	0.4	31.7	51.4	17.6	16.6	31.8	3.4	2.9
Mineral	2.5	36.2	17.0	14.2	12.5	8.7	1.0	1.7
Mingo	0.0	34.9	35.2	33.1	25.6	18.4	0.3	4.9
Monongalia	0.6	16.6	23.1	19.9	11.0	25.0	1.7	3.3
Monroe	0.0	21.8	44.4	11.3	9.0	38.3	1.5	6.0
Morgan	0.0	20.8	47.3	13.3	14.2	25.6	0.0	6.2
Nicholas	0.0	18.3	42.8	16.5	15.5	26.8	3.8	5.5
Ohio	0.9	31.5	45.3	18.3	13.0	27.1	1.9	3.5
Pendleton	0.0	21.4	61.4	24.3	12.9	51.4	8.6	14.3
Pleasants	0.0	19.6	62.5	25.0	5.4	42.9	1.8	64.3
Pocahontas	0.0	31.6	29.1	16.5	11.4	48.1	3.8	10.1
Preston	0.7	30.7	34.6	17.1	12.0	25.5	3.3	4.8
Putnam	0.0	16.7	40.1	22.9	14.3	33.4	0.2	1.9
Raleigh	0.1	26.2	65.5	18.2	11.4	40.9	4.6	17.3
Randolph	0.4	28.6	33.8	19.9	17.0	37.0	2.5	4.9
Ritchie	0.0	28.9	69.1	18.3	19.5	41.0	0.0	59.0
Roane	0.0	34.6	42.7	14.6	14.0	29.9	0.0	12.7
Summers	0.0	29.9	56.1	14.0	16.8	38.3	8.4	10.3
Taylor	1.1	24.6	40.2	25.8	11.8	34.1	1.7	6.7
Tucker	0.0	29.4	26.9	8.9	19.6	19.1	5.9	4.4
Tyler	0.0	27.5	61.5	28.8	17.5	40.5	2.5	26.6
Upshur	0.4	26.4	27.8	21.2	10.3	26.0	1.5	1.1
Wayne	0.0	29.9	37.0	23.8	13.9	25.7	0.5	2.5
Webster	0.0	20.4	24.2	18.2	7.1	25.3	3.0	5.1
Wetzel	0.6	33.1	56.9	17.9	16.1	22.5	2.4	11.2
Wirt	0.0	33.3	69.7	13.4	28.4	37.9	3.0	62.1
Wood	1.4	26.1	65.9	25.3	14.3	42.3	2.0	52.2
Wyoming	0.0	33.7	66.0	17.4	18.6	37.7	3.2	17.1
Total	0.4	26.3	44.9	21.1	15.4	33.2	1.9	9.1

Number of Deaths by Race, Gender and County of Residence
West Virginia, 2010
Table 52

County	White or Caucasian*		Black or African American		All Other Races		Total
	Male	Female	Male	Female	Male	Female	
Barbour	81	93	1	0	0	0	175
Berkeley	386	370	23	18	1	0	798
Boone	174	157	1	1	0	0	333
Braxton	80	72	1	0	0	0	153
Brooke	177	179	2	3	0	0	361
Cabell	568	544	13	17	3	2	1,147
Calhoun	47	43	0	0	0	0	90
Clay	44	56	0	0	0	0	100
Doddridge	42	32	0	0	0	1	75
Fayette	292	316	23	15	1	0	647
Gilmer	30	29	0	0	0	0	59
Grant	60	57	1	0	0	0	118
Greenbrier	194	245	9	6	0	1	455
Hampshire	142	104	1	1	0	1	249
Hancock	177	199	3	4	0	0	383
Hardy	80	61	2	0	0	1	144
Harrison	400	411	9	6	1	0	827
Jackson	161	163	1	1	0	0	326
Jefferson	221	192	11	14	1	0	439
Kanawha	1,155	1,170	65	70	4	3	2,467
Lewis	90	108	0	0	0	0	198
Lincoln	152	123	0	0	0	2	277
Logan	232	237	5	8	0	2	484
McDowell	171	149	21	23	0	0	364
Marion	289	338	6	9	0	1	643
Marshall	198	187	1	2	0	0	388
Mason	174	183	0	0	1	1	359
Mercer	420	393	26	25	1	0	865
Mineral	173	141	6	2	0	0	322
Mingo	186	170	1	3	0	0	360
Monongalia	307	297	7	3	2	1	617
Monroe	98	76	0	0	0	0	174
Morgan	111	102	0	1	0	0	214
Nicholas	185	139	0	0	0	0	324
Ohio	242	301	8	8	0	1	560
Pendleton	53	41	0	0	0	0	94
Pleasants	48	42	1	0	0	0	91
Pocahontas	62	51	1	1	0	0	115
Preston	163	152	4	1	0	0	320
Putnam	252	248	1	3	1	0	505
Raleigh	464	477	31	37	1	3	1,013
Randolph	153	154	1	0	2	0	310
Ritchie	50	69	0	0	0	0	119
Roane	99	69	0	0	0	0	168
Summers	106	99	2	0	0	0	207
Taylor	99	98	0	1	1	0	199
Tucker	46	45	0	0	0	1	92
Tyler	55	72	0	0	0	0	127
Upshur	130	125	2	1	0	0	258
Wayne	250	229	0	0	0	3	482
Webster	48	50	0	0	0	0	98
Wetzel	104	110	0	1	0	0	215
Wirt	39	22	0	0	0	0	61
Wood	460	512	8	4	5	0	989
Wyoming	176	144	0	0	0	0	320
Total	10,396	10,246	298	289	25	24	21,278

Number of Deaths by County of Residence and Occurrence
West Virginia, 2010
Table 53

County	Residence	Occurrence	County	Residence	Occurrence
Barbour	175	118	Monongalia	617	1,316
Berkeley	798	765	Monroe	174	74
Boone	333	190	Morgan	214	150
Braxton	153	123	Nicholas	324	252
Brooke	361	355	Ohio	560	983
Cabell	1,147	1,998	Pendleton	94	62
Calhoun	90	65	Pleasants	91	49
Clay	100	54	Pocahontas	115	84
Doddridge	75	32	Preston	320	207
Fayette	647	434	Putnam	505	360
Gilmer	59	42	Raleigh	1,013	1,301
Grant	118	131	Randolph	310	325
Greenbrier	455	432	Ritchie	119	47
Hampshire	249	162	Roane	168	113
Hancock	383	165	Summers	207	150
Hardy	144	72	Taylor	199	151
Harrison	827	934	Tucker	92	58
Jackson	326	227	Tyler	127	96
Jefferson	439	362	Upshur	258	186
Kanawha	2,467	3,189	Wayne	482	241
Lewis	198	153	Webster	98	55
Lincoln	277	126	Wetzel	215	182
Logan	484	428	Wirt	61	23
McDowell	364	253	Wood	989	1,058
Marion	643	509	Wyoming	320	116
Marshall	388	258			
Mason	359	274			
Mercer	865	962	Total	21,278	20,860
Mineral	322	217			
Mingo	360	191			

West Virginia Bureau for Public Health
Health Statistics Center, 2013

Resident deaths include 2,002 West Virginians dying out of state.

Method of Disposition by County of Residence

West Virginia Deaths, 2010

Table 54

County	Method of Disposition										Un- known	Total
	Burial		Cremation		Donation		Removal From State		Other			
	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*		
Barbour	135	78.5%	33	19.2%	3	1.7%	0	0.0%	1	0.6%	3	175
Berkeley	374	57.2%	257	39.3%	11	1.7%	3	0.5%	9	1.4%	144	798
Boone	274	83.0%	47	14.2%	3	0.9%	4	1.2%	2	0.6%	3	333
Braxton	114	75.5%	33	21.9%	3	2.0%	0	0.0%	1	0.7%	2	153
Brooke	193	53.5%	84	23.3%	0	0.0%	73	20.2%	11	3.0%	0	361
Cabell	810	70.9%	240	21.0%	18	1.6%	17	1.5%	57	5.0%	5	1,147
Calhoun	62	68.9%	27	30.0%	0	0.0%	1	1.1%	0	0.0%	0	90
Clay	75	75.8%	22	22.2%	1	1.0%	1	1.0%	0	0.0%	1	100
Doddridge	57	76.0%	15	20.0%	1	1.3%	2	2.7%	0	0.0%	0	75
Fayette	440	69.0%	115	18.0%	14	2.2%	5	0.8%	64	10.0%	9	647
Gilmer	47	79.7%	11	18.6%	1	1.7%	0	0.0%	0	0.0%	0	59
Grant	83	83.8%	16	16.2%	0	0.0%	0	0.0%	0	0.0%	19	118
Greenbrier	298	70.8%	86	20.4%	16	3.8%	3	0.7%	18	4.3%	34	455
Hampshire	106	59.9%	63	35.6%	7	4.0%	0	0.0%	1	0.6%	72	249
Hancock	180	47.1%	93	24.3%	3	0.8%	86	22.5%	20	5.2%	1	383
Hardy	74	66.1%	34	30.4%	2	1.8%	2	1.8%	0	0.0%	32	144
Harrison	631	76.9%	157	19.1%	15	1.8%	6	0.7%	12	1.5%	6	827
Jackson	236	72.8%	61	18.8%	11	3.4%	11	3.4%	5	1.5%	2	326
Jefferson	202	55.2%	153	41.8%	6	1.6%	3	0.8%	2	0.5%	73	439
Kanawha	1,574	64.3%	609	24.9%	81	3.3%	24	1.0%	158	6.5%	21	2,467
Lewis	156	78.8%	41	20.7%	1	0.5%	0	0.0%	0	0.0%	0	198
Lincoln	240	87.6%	27	9.9%	3	1.1%	2	0.7%	2	0.7%	3	277
Logan	384	79.8%	61	12.7%	5	1.0%	7	1.5%	24	5.0%	3	484
McDowell	247	77.2%	52	16.3%	1	0.3%	2	0.6%	18	5.6%	44	364
Marion	451	70.6%	155	24.3%	16	2.5%	6	0.9%	11	1.7%	4	643
Marshall	249	64.3%	115	29.7%	0	0.0%	12	3.1%	11	2.8%	1	388
Mason	249	69.6%	57	15.9%	3	0.8%	48	13.4%	1	0.3%	1	359
Mercer	564	71.6%	179	22.7%	8	1.0%	8	1.0%	29	3.7%	77	865
Mineral	144	71.3%	46	22.8%	4	2.0%	3	1.5%	5	2.5%	120	322
Mingo	299	83.5%	42	11.7%	0	0.0%	5	1.4%	12	3.4%	2	360
Monongalia	391	63.8%	187	30.5%	21	3.4%	5	0.8%	9	1.5%	4	617
Monroe	104	80.6%	20	15.5%	1	0.8%	4	3.1%	0	0.0%	45	174
Morgan	91	58.0%	64	40.8%	2	1.3%	0	0.0%	0	0.0%	57	214
Nicholas	255	79.4%	53	16.5%	5	1.6%	3	0.9%	5	1.6%	3	324
Ohio	329	58.9%	181	32.4%	9	1.6%	3	0.5%	37	6.6%	1	560
Pendleton	56	77.8%	14	19.4%	1	1.4%	1	1.4%	0	0.0%	22	94
Pleasants	61	67.8%	14	15.6%	1	1.1%	14	15.6%	0	0.0%	1	91
Pocahontas	73	68.9%	24	22.6%	5	4.7%	4	3.8%	0	0.0%	9	115
Preston	224	74.4%	69	22.9%	6	2.0%	1	0.3%	1	0.3%	19	320
Putnam	349	69.5%	103	20.5%	10	2.0%	4	0.8%	36	7.2%	3	505
Raleigh	705	70.7%	196	19.7%	10	1.0%	7	0.7%	79	7.9%	16	1,013
Randolph	214	70.4%	79	26.0%	7	2.3%	1	0.3%	3	1.0%	6	310
Ritchie	86	72.9%	22	18.6%	3	2.5%	6	5.1%	1	0.8%	1	119
Roane	131	78.4%	32	19.2%	2	1.2%	2	1.2%	0	0.0%	1	168
Summers	158	79.0%	37	18.5%	2	1.0%	1	0.5%	2	1.0%	7	207
Taylor	148	74.7%	44	22.2%	3	1.5%	3	1.5%	0	0.0%	1	199
Tucker	58	66.7%	29	33.3%	0	0.0%	0	0.0%	0	0.0%	5	92
Tyler	91	72.8%	30	24.0%	3	2.4%	1	0.8%	0	0.0%	2	127
Upshur	190	73.6%	63	24.4%	3	1.2%	2	0.8%	0	0.0%	0	258
Wayne	403	83.8%	57	11.9%	3	0.6%	9	1.9%	9	1.9%	1	482
Webster	78	80.4%	16	16.5%	1	1.0%	2	2.1%	0	0.0%	1	98
Wetzel	175	81.8%	36	16.8%	0	0.0%	3	1.4%	0	0.0%	1	215
Wirt	39	63.9%	20	32.8%	1	1.6%	1	1.6%	0	0.0%	0	61
Wood	653	66.4%	266	27.0%	15	1.5%	32	3.3%	18	1.8%	5	989
Wyoming	254	80.6%	44	14.0%	1	0.3%	2	0.6%	14	4.4%	5	320
Total	14,264	70.0%	4,631	22.7%	352	1.7%	445	2.2%	688	3.4%	898	21,278

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

*Percentage calculated excluding unknown disposition.

West Virginia Bureau for Public Health

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Method of Disposition by County of Occurrence
West Virginia Deaths, 2010
Table 54 (Cont'd)

County	Method of Disposition										Un-known	Total
	Burial		Cremation		Donation		Removal From State		Other			
	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*		
Barbour	91	77.8%	24	20.5%	1	0.9%	0	0.0%	1	0.9%	1	118
Berkeley	448	58.6%	294	38.4%	13	1.7%	1	0.1%	9	1.2%	0	765
Boone	158	83.2%	27	14.2%	3	1.6%	0	0.0%	2	1.1%	0	190
Braxton	92	74.8%	26	21.1%	3	2.4%	0	0.0%	2	1.6%	0	123
Brooke	228	64.2%	112	31.5%	2	0.6%	1	0.3%	12	3.4%	0	355
Cabell	1,523	76.3%	370	18.5%	22	1.1%	2	0.1%	78	3.9%	3	1,998
Calhoun	47	72.3%	17	26.2%	1	1.5%	0	0.0%	0	0.0%	0	65
Clay	45	83.3%	9	16.7%	0	0.0%	0	0.0%	0	0.0%	0	54
Doddridge	28	87.5%	4	12.5%	0	0.0%	0	0.0%	0	0.0%	0	32
Fayette	317	73.0%	67	15.4%	10	2.3%	0	0.0%	40	9.2%	0	434
Gilmer	35	83.3%	6	14.3%	1	2.4%	0	0.0%	0	0.0%	0	42
Grant	107	81.7%	22	16.8%	1	0.8%	0	0.0%	1	0.8%	0	131
Greenbrier	314	72.7%	89	20.6%	11	2.5%	0	0.0%	18	4.2%	0	432
Hampshire	103	63.6%	53	32.7%	5	3.1%	0	0.0%	1	0.6%	0	162
Hancock	99	60.0%	49	29.7%	2	1.2%	0	0.0%	15	9.1%	0	165
Hardy	46	63.9%	24	33.3%	2	2.8%	0	0.0%	0	0.0%	0	72
Harrison	709	75.9%	196	21.0%	16	1.7%	0	0.0%	13	1.4%	0	934
Jackson	171	76.0%	42	18.7%	7	3.1%	0	0.0%	5	2.2%	2	227
Jefferson	202	55.8%	151	41.7%	6	1.7%	0	0.0%	3	0.8%	0	362
Kanawha	2,172	68.2%	744	23.4%	85	2.7%	3	0.1%	181	5.7%	4	3,189
Lewis	122	79.7%	31	20.3%	0	0.0%	0	0.0%	0	0.0%	0	153
Lincoln	111	88.1%	13	10.3%	1	0.8%	0	0.0%	1	0.8%	0	126
Logan	350	81.8%	54	12.6%	5	1.2%	1	0.2%	18	4.2%	0	428
McDowell	194	76.7%	44	17.4%	1	0.4%	0	0.0%	14	5.5%	0	253
Marion	365	71.9%	122	24.0%	13	2.6%	0	0.0%	8	1.6%	1	509
Marshall	177	68.6%	74	28.7%	1	0.4%	1	0.4%	5	1.9%	0	258
Mason	227	82.8%	41	15.0%	5	1.8%	0	0.0%	1	0.4%	0	274
Mercer	715	74.3%	201	20.9%	8	0.8%	3	0.3%	35	3.6%	0	962
Mineral	155	71.4%	53	24.4%	4	1.8%	0	0.0%	5	2.3%	0	217
Mingo	157	82.2%	27	14.1%	0	0.0%	1	0.5%	6	3.1%	0	191
Monongalia	904	68.8%	357	27.2%	34	2.6%	2	0.2%	17	1.3%	2	1,316
Monroe	60	81.1%	12	16.2%	1	1.4%	1	1.4%	0	0.0%	0	74
Morgan	85	56.7%	62	41.3%	3	2.0%	0	0.0%	0	0.0%	0	150
Nicholas	201	80.1%	41	16.3%	3	1.2%	2	0.8%	4	1.6%	1	252
Ohio	609	62.0%	311	31.6%	10	1.0%	1	0.1%	52	5.3%	0	983
Pendleton	48	77.4%	13	21.0%	0	0.0%	1	1.6%	0	0.0%	0	62
Pleasants	40	81.6%	7	14.3%	2	4.1%	0	0.0%	0	0.0%	0	49
Pocahontas	56	66.7%	23	27.4%	3	3.6%	2	2.4%	0	0.0%	0	84
Preston	148	72.2%	49	23.9%	6	2.9%	0	0.0%	2	1.0%	2	207
Putnam	240	66.7%	78	21.7%	12	3.3%	1	0.3%	29	8.1%	0	360
Raleigh	917	70.6%	263	20.3%	19	1.5%	2	0.2%	97	7.5%	3	1,301
Randolph	240	74.1%	73	22.5%	8	2.5%	0	0.0%	3	0.9%	1	325
Ritchie	35	74.5%	10	21.3%	1	2.1%	0	0.0%	1	2.1%	0	47
Roane	93	82.3%	19	16.8%	1	0.9%	0	0.0%	0	0.0%	0	113
Summers	118	78.7%	27	18.0%	3	2.0%	0	0.0%	2	1.3%	0	150
Taylor	117	78.0%	30	20.0%	3	2.0%	0	0.0%	0	0.0%	1	151
Tucker	39	67.2%	19	32.8%	0	0.0%	0	0.0%	0	0.0%	0	58
Tyler	69	71.9%	24	25.0%	2	2.1%	1	1.0%	0	0.0%	0	96
Upshur	140	75.3%	42	22.6%	3	1.6%	1	0.5%	0	0.0%	0	186
Wayne	192	79.7%	44	18.3%	0	0.0%	1	0.4%	4	1.7%	0	241
Webster	46	83.6%	8	14.5%	1	1.8%	0	0.0%	0	0.0%	0	55
Wetzel	148	81.3%	33	18.1%	0	0.0%	1	0.5%	0	0.0%	0	182
Wirt	11	47.8%	11	47.8%	1	4.3%	0	0.0%	0	0.0%	0	23
Wood	751	71.1%	273	25.8%	13	1.2%	1	0.1%	19	1.8%	1	1,058
Wyoming	95	81.9%	19	16.4%	0	0.0%	0	0.0%	2	1.7%	0	116
Total	14,910	71.6%	4,834	23.2%	358	1.7%	30	0.1%	706	3.4%	22	20,860

Number of Deaths by County of Residence
West Virginia, 2006-2010
Table 55

County	2006	2007	2008	2009	2010	County	2006	2007	2008	2009	2010
Barbour	200	164	178	188	175	Monongalia	599	626	635	614	617
Berkeley	740	736	809	832	798	Monroe	145	165	165	153	174
Boone	332	347	366	285	333	Morgan	187	183	196	195	214
Braxton	184	183	183	163	153	Nicholas	324	320	326	329	324
Brooke	338	349	308	302	361	Ohio	551	611	570	608	560
Cabell	1,129	1,259	1,253	1,090	1,147	Pendleton	95	97	106	68	94
Calhoun	78	88	90	88	90	Pleasants	69	79	83	82	91
Clay	136	121	122	100	100	Pocahontas	123	117	106	110	115
Doddridge	80	63	80	80	75	Preston	304	328	346	316	320
Fayette	608	646	626	670	647	Putnam	451	471	536	505	505
Gilmer	105	87	81	82	59	Raleigh	898	962	918	992	1,013
Grant	122	111	116	108	118	Randolph	337	307	338	354	310
Greenbrier	441	426	497	483	455	Ritchie	134	119	128	139	119
Hampshire	189	203	209	221	249	Roane	179	203	189	177	168
Hancock	393	403	419	430	383	Summers	146	152	197	157	207
Hardy	132	138	129	150	144	Taylor	165	171	195	180	199
Harrison	828	854	824	875	827	Tucker	77	86	84	107	92
Jackson	305	317	345	330	326	Tyler	105	112	109	103	127
Jefferson	381	433	400	423	439	Upshur	260	272	237	257	258
Kanawha	2,398	2,439	2,572	2,454	2,467	Wayne	465	433	446	484	482
Lewis	235	240	219	223	198	Webster	127	121	110	117	98
Lincoln	254	263	268	264	277	Wetzel	220	205	207	229	215
Logan	507	484	498	508	484	Wirt	59	49	68	55	61
McDowell	380	374	373	360	364	Wood	935	948	1,020	1,020	989
Marion	670	696	730	689	643	Wyoming	289	312	315	344	320
Marshall	388	374	406	389	388	Total	20,649	21,067	21,551	21,385	21,278
Mason	321	294	309	313	359						
Mercer	819	897	849	893	865						
Mineral	321	277	282	326	322						
Mingo	391	352	380	371	360						

Age at Death by County of Residence
West Virginia, 2010
Table 56

County	Total	Age in Years													Average Age at Death
		<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
Barbour	175	0	1	0	0	1	3	2	6	14	18	29	46	55	73.0
Berkeley	798	6	4	4	2	1	7	11	17	79	149	160	185	173	69.6
Boone	333	5	0	1	0	0	1	13	16	27	52	79	70	69	68.5
Braxton	153	0	0	0	0	1	1	2	2	17	11	44	32	43	73.1
Brooke	361	1	0	1	0	0	4	4	6	11	45	70	106	113	75.4
Cabell	1,147	9	1	3	0	4	4	17	39	91	154	185	334	306	72.3
Calhoun	90	0	0	0	0	0	0	0	0	5	18	20	24	23	74.3
Clay	100	0	0	0	0	0	1	1	2	9	13	20	26	28	73.0
Doddridge	75	0	0	0	0	0	0	1	1	4	13	13	25	18	74.1
Fayette	647	5	0	1	1	1	6	14	25	45	96	96	186	171	72.0
Gilmer	59	0	2	0	0	0	0	2	2	2	7	9	13	22	72.6
Grant	118	3	0	0	1	1	1	1	1	5	15	22	31	37	72.9
Greenbrier	455	0	0	0	0	2	1	8	13	35	53	71	148	124	74.0
Hampshire	249	1	0	0	0	1	3	3	9	20	39	56	60	57	71.2
Hancock	383	2	0	0	0	1	4	6	14	25	41	55	109	126	74.2
Hardy	144	1	0	0	0	1	2	3	4	9	24	26	41	33	70.9
Harrison	827	4	1	0	1	3	4	12	21	60	105	153	216	247	73.3
Jackson	326	2	1	1	0	1	3	6	8	22	34	53	97	98	73.6
Jefferson	439	3	0	0	2	4	2	5	15	32	66	94	112	104	71.1
Kanawha	2,467	11	3	0	4	8	16	41	66	206	336	420	657	699	72.8
Lewis	198	1	1	0	0	0	1	2	7	16	32	43	49	46	71.6
Lincoln	277	1	1	0	0	2	2	7	13	29	43	57	78	44	68.1
Logan	484	1	3	0	0	0	1	9	29	49	64	97	146	85	69.7
McDowell	364	7	0	0	0	3	3	12	17	36	55	75	76	80	67.6
Marion	643	4	0	0	1	1	4	5	9	34	62	119	165	239	76.4
Marshall	388	3	0	0	0	0	1	9	9	23	41	56	132	114	74.6
Mason	359	5	0	0	0	0	2	6	9	27	44	75	105	86	72.0
Mercer	865	11	0	1	0	3	8	18	36	66	108	154	220	240	71.5
Mineral	322	4	2	0	0	1	2	4	8	21	38	69	87	86	72.4
Mingo	360	4	1	0	0	1	5	11	20	34	63	82	84	55	66.9
Monongalia	617	6	0	0	2	3	6	8	17	37	82	111	166	179	72.9
Monroe	174	0	1	0	0	0	2	2	9	6	15	31	48	60	75.1
Morgan	214	0	0	0	1	2	1	0	6	13	20	42	68	61	75.1
Nicholas	324	2	1	0	0	1	0	4	13	27	41	54	96	85	72.2
Ohio	560	5	1	0	0	1	2	9	12	29	65	85	164	187	75.2
Pendleton	94	0	0	0	0	2	1	0	2	7	14	16	21	31	74.0
Pleasants	91	0	0	0	0	0	0	2	2	6	13	15	27	26	74.5
Pocahontas	115	1	1	0	0	0	2	3	5	7	14	28	26	28	70.8
Preston	320	4	1	0	0	2	2	9	6	19	43	60	85	89	72.3
Putnam	505	5	1	0	1	2	6	8	8	34	65	87	153	135	72.6
Raleigh	1,013	7	1	0	0	3	7	32	47	95	143	202	236	240	70.1
Randolph	310	2	0	1	0	1	1	1	12	18	48	55	77	94	73.6
Ritchie	119	1	0	0	0	0	0	1	5	8	20	20	26	38	73.5
Roane	168	2	0	0	0	1	0	2	3	16	29	35	38	42	71.2
Summers	207	1	1	0	0	0	0	6	6	15	30	29	63	56	73.0
Taylor	199	1	1	1	0	3	0	4	7	12	30	34	49	57	72.4
Tucker	92	2	0	0	1	0	0	1	2	4	9	24	26	23	73.6
Tyler	127	1	0	0	0	0	1	0	6	7	20	26	30	36	73.2
Upshur	258	1	1	0	0	3	1	3	4	12	38	57	70	68	73.2
Wayne	482	2	1	0	1	2	3	10	17	34	75	101	145	91	70.6
Webster	98	0	0	0	0	1	1	3	5	9	16	17	24	22	69.2
Wetzel	215	0	0	0	0	1	2	2	4	10	31	48	63	54	74.0
Wirt	61	1	0	0	0	1	1	0	4	5	10	9	16	14	68.4
Wood	989	8	3	2	0	0	5	14	20	49	133	214	250	291	73.6
Wyoming	320	4	0	0	0	1	2	10	15	46	49	60	90	43	67.0
Total	21,278	150	35	16	18	71	138	369	661	1,578	2,892	3,962	5,717	5,671	72.2

Place Death Occurred by County of Residence
West Virginia, 2010
Table 57

County	Place Death Occurred								Total
	Hospital	Out-of-State Hospital	En Route to Hospital	Clinic or Center	Licensed Nursing Home	Unlicensed Personal Care	Home	Other and Unknown	
Barbour	64	3	10	0	33	2	41	22	175
Berkeley	221	124	3	0	146	8	256	40	798
Boone	132	8	1	0	36	2	87	67	333
Braxton	48	2	2	0	20	0	63	18	153
Brooke	98	68	5	0	59	14	74	43	361
Cabell	423	17	7	0	120	20	275	285	1,147
Calhoun	22	1	1	18	6	0	36	6	90
Clay	34	1	0	0	12	0	30	23	100
Doddridge	27	4	0	0	12	0	27	5	75
Fayette	279	15	6	0	92	2	139	114	647
Gilmer	16	0	2	2	6	0	26	7	59
Grant	32	17	1	0	33	0	29	6	118
Greenbrier	176	36	4	0	74	20	110	35	455
Hampshire	25	61	1	0	45	0	100	17	249
Hancock	92	81	10	0	53	16	83	48	383
Hardy	27	33	1	0	26	0	46	11	144
Harrison	326	20	4	0	144	6	274	53	827
Jackson	137	11	2	0	56	2	93	25	326
Jefferson	108	72	1	0	87	3	141	27	439
Kanawha	861	42	1	0	281	43	643	596	2,467
Lewis	79	4	1	0	42	2	58	12	198
Lincoln	103	4	0	0	26	2	91	51	277
Logan	274	6	2	0	36	1	96	69	484
McDowell	125	46	14	0	37	3	78	61	364
Marion	240	16	1	0	134	18	206	28	643
Marshall	149	23	3	0	68	1	109	35	388
Mason	110	24	5	0	78	1	108	33	359
Mercer	328	75	13	0	113	34	248	54	865
Mineral	43	92	1	0	77	0	96	13	322
Mingo	146	61	9	0	21	3	72	48	360
Monongalia	235	5	3	0	111	7	222	34	617
Monroe	42	42	1	0	22	6	46	15	174
Morgan	41	48	1	0	57	0	53	14	214
Nicholas	143	8	6	0	52	0	82	33	324
Ohio	214	25	3	0	137	1	111	69	560
Pendleton	8	18	1	0	28	0	29	10	94
Pleasants	32	11	1	0	22	2	20	3	91
Pocahontas	35	9	1	0	20	0	33	17	115
Preston	124	17	4	0	57	1	102	15	320
Putnam	179	5	3	0	49	16	146	107	505
Raleigh	434	26	32	0	80	8	212	221	1,013
Randolph	89	7	35	0	55	12	56	56	310
Ritchie	48	5	2	1	25	1	24	13	119
Roane	77	5	1	1	16	2	46	20	168
Summers	77	8	1	0	35	0	55	31	207
Taylor	83	4	3	0	31	8	58	12	199
Tucker	26	4	2	0	23	0	29	8	92
Tyler	46	3	0	0	25	5	36	12	127
Upshur	107	5	2	0	36	6	86	16	258
Wayne	146	31	3	0	40	4	127	131	482
Webster	56	0	4	0	8	0	19	11	98
Wetzel	76	7	2	0	42	4	62	22	215
Wirt	28	2	0	0	7	1	15	8	61
Wood	404	59	8	0	204	13	262	39	989
Wyoming	136	6	7	0	26	1	44	100	320
Total	7,631	1,327	237	22	3,181	301	5,710	2,869	21,278

Firearm Injury Deaths by Type of Injury and County
West Virginia Residents, 2010
Table 58

County	Un-intentional	Intentional			Un-determined	Total
		Suicide	Assault	Legal Intervention		
Barbour	0	0	0	0	0	0
Berkeley	0	7	0	0	1	8
Boone	0	4	1	0	0	5
Braxton	0	1	0	0	1	2
Brooke	0	1	0	0	0	1
Cabell	0	13	3	0	0	16
Calhoun	0	0	0	0	0	0
Clay	0	1	0	0	0	1
Doddridge	0	1	0	0	0	1
Fayette	0	14	1	0	0	15
Gilmer	0	0	0	0	0	0
Grant	0	1	0	0	0	1
Greenbrier	0	7	0	1	0	8
Hampshire	0	4	0	0	0	4
Hancock	0	1	0	0	0	1
Hardy	0	1	0	0	0	1
Harrison	0	5	2	0	0	7
Jackson	0	2	2	0	0	4
Jefferson	0	3	0	0	0	3
Kanawha	0	29	10	0	0	39
Lewis	0	1	2	0	0	3
Lincoln	0	4	0	0	0	4
Logan	0	2	2	0	0	4
McDowell	0	4	2	0	0	6
Marion	0	5	1	0	0	6
Marshall	0	6	0	0	0	6
Mason	0	1	0	1	0	2
Mercer	0	12	4	0	0	16
Mineral	0	1	0	0	0	1
Mingo	0	2	1	0	0	3
Monongalia	0	7	0	0	0	7
Monroe	0	2	0	0	1	3
Morgan	0	0	0	0	0	0
Nicholas	0	3	2	0	0	5
Ohio	0	0	0	0	0	0
Pendleton	0	4	0	0	0	4
Pleasants	0	2	0	0	0	2
Pocahontas	0	2	2	0	0	4
Preston	0	6	0	0	0	6
Putnam	0	7	1	0	0	8
Raleigh	1	7	5	0	0	13
Randolph	0	3	1	0	0	4
Ritchie	0	1	0	0	0	1
Roane	0	1	0	0	0	1
Summers	0	2	0	0	0	2
Taylor	0	5	0	0	0	5
Tucker	0	1	1	1	0	3
Tyler	0	1	0	0	0	1
Upshur	0	9	0	0	0	9
Wayne	0	4	0	0	0	4
Webster	0	0	0	0	0	0
Wetzel	0	1	0	0	0	1
Wirt	0	2	0	1	0	3
Wood	0	9	0	0	0	9
Wyoming	0	5	2	0	0	7
Total	1	217	45	4	3	270

Number and Rate of Resident Infant Deaths by County
West Virginia Residents, 2006-2010

Table 59

County	2006		2007		2008		2009		2010	
	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*
Barbour	2	13.0	1	5.2	0	0.0	1	5.8	0	0.0
Berkeley	9	6.7	11	7.3	16	11.2	18	13.3	6	4.7
Boone	4	12.1	3	9.3	4	11.3	0	0.0	5	16.3
Braxton	0	0.0	2	11.4	1	6.8	0	0.0	0	0.0
Brooke	1	4.8	1	4.5	1	4.5	0	0.0	1	5.0
Cabell	12	9.9	18	14.6	13	10.3	5	4.0	9	7.9
Calhoun	2	23.8	0	0.0	0	0.0	1	10.9	0	0.0
Clay	0	0.0	2	13.6	1	7.0	1	7.6	0	0.0
Doddridge	0	0.0	1	15.4	0	0.0	1	13.0	0	0.0
Fayette	3	5.3	3	4.8	4	7.0	8	13.2	5	8.8
Gilmer	2	28.2	0	0.0	0	0.0	1	13.9	0	0.0
Grant	0	0.0	1	8.0	1	7.9	0	0.0	3	23.4
Greenbrier	2	5.3	2	5.0	1	2.5	6	15.1	0	0.0
Hampshire	1	4.3	1	3.7	0	0.0	0	0.0	1	4.4
Hancock	2	6.5	2	6.3	4	12.1	0	0.0	2	6.9
Hardy	2	12.7	2	11.3	1	6.1	1	6.3	1	6.8
Harrison	0	0.0	2	2.5	12	14.0	10	12.1	4	5.0
Jackson	1	3.2	1	3.0	3	8.2	2	6.2	2	6.0
Jefferson	4	6.0	3	4.1	2	2.9	6	9.6	3	5.0
Kanawha	12	5.2	18	7.6	19	7.9	26	11.4	11	5.0
Lewis	2	11.5	2	8.6	1	5.0	2	10.4	1	5.3
Lincoln	1	3.5	1	3.7	1	3.7	1	3.9	1	3.9
Logan	2	4.8	4	8.7	1	2.4	4	9.4	1	2.3
McDowell	7	23.6	1	3.4	5	16.6	4	13.7	7	25.2
Marion	2	3.3	2	3.0	10	16.0	2	3.1	4	5.9
Marshall	2	6.3	1	2.8	5	15.2	1	3.0	3	9.3
Mason	4	13.2	5	14.7	2	6.4	2	7.2	5	16.2
Mercer	5	7.0	7	9.3	5	6.1	7	8.6	11	13.9
Mineral	3	10.1	1	3.0	1	3.1	1	3.1	4	13.3
Mingo	4	10.9	5	12.6	5	14.4	3	8.2	4	10.3
Monongalia	8	8.7	2	2.2	5	5.4	5	5.4	6	6.2
Monroe	0	0.0	2	14.1	0	0.0	0	0.0	0	0.0
Morgan	2	12.5	0	0.0	1	6.3	3	18.5	0	0.0
Nicholas	2	6.8	5	15.4	3	9.6	3	9.0	2	6.9
Ohio	4	8.3	4	7.9	2	4.3	4	7.9	5	10.6
Pendleton	0	0.0	0	0.0	1	13.5	0	0.0	0	0.0
Pleasants	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Pocahontas	2	20.8	0	0.0	0	0.0	3	29.7	1	12.7
Preston	3	8.5	4	11.6	2	5.4	5	14.2	4	12.0
Putnam	3	4.9	3	4.7	3	4.9	0	0.0	5	8.6
Raleigh	14	15.6	6	6.1	6	6.5	3	3.1	7	7.2
Randolph	1	3.2	2	5.8	6	18.4	4	13.7	2	7.1
Ritchie	3	31.9	1	9.6	0	0.0	0	0.0	1	12.0
Roane	0	0.0	1	5.7	0	0.0	0	0.0	2	12.7
Summers	1	8.7	2	16.4	1	8.6	2	16.3	1	9.3
Taylor	2	12.3	0	0.0	1	6.2	2	10.1	1	5.6
Tucker	0	0.0	2	24.1	0	0.0	0	0.0	2	29.4
Tyler	2	22.5	1	10.4	0	0.0	0	0.0	1	12.5
Upshur	4	13.7	1	3.7	2	7.8	2	7.5	1	3.7
Wayne	3	6.4	4	8.7	4	8.7	3	7.3	2	5.5
Webster	0	0.0	1	8.5	1	9.2	1	7.5	0	0.0
Wetzel	2	9.8	1	6.1	1	5.8	1	5.7	0	0.0
Wirt	0	0.0	0	0.0	1	16.1	0	0.0	1	14.9
Wood	8	8.2	14	13.4	5	5.2	10	9.6	8	8.3
Wyoming	0	0.0	4	16.0	2	7.7	2	7.5	4	15.2
Total	155	7.4	163	7.4	166	7.7	167	7.8	150	7.3

West Virginia Bureau for Public Health
Health Statistics Center, 2013

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

Number and Ratio of Resident Fetal Deaths by County
West Virginia Residents, 2006-2010
Table 60

County	2006		2007		2008		2009		2010	
	Number	Ratio*	Number	Ratio*	Number	Ratio*	Number	Ratio*	Number	Ratio*
Barbour	0	0.0	3	15.5	1	5.7	2	11.7	0	0.0
Berkeley	4	3.0	10	6.6	3	2.1	10	7.4	3	2.3
Boone	4	12.1	3	9.3	1	2.8	5	15.3	3	9.8
Braxton	0	0.0	2	11.4	0	0.0	1	6.3	2	12.3
Brooke	1	4.8	2	9.1	3	13.5	2	9.6	0	0.0
Cabell	9	7.4	4	3.2	7	5.6	9	7.1	6	5.2
Calhoun	0	0.0	0	0.0	0	0.0	1	10.9	0	0.0
Clay	2	14.7	1	6.8	1	7.0	0	0.0	2	15.2
Doddridge	0	0.0	0	0.0	1	13.5	1	13.0	0	0.0
Fayette	2	3.5	8	12.7	5	8.8	6	9.9	1	1.8
Gilmer	1	14.1	1	12.5	0	0.0	0	0.0	2	25.6
Grant	0	0.0	1	8.0	0	0.0	0	0.0	1	7.8
Greenbrier	2	5.3	3	7.5	0	0.0	1	2.5	2	5.7
Hampshire	0	0.0	0	0.0	2	7.6	1	4.2	1	4.4
Hancock	1	3.2	0	0.0	0	0.0	3	10.2	0	0.0
Hardy	0	0.0	1	5.6	0	0.0	0	0.0	0	0.0
Harrison	4	4.7	3	3.7	2	2.3	4	4.8	0	0.0
Jackson	4	12.7	0	0.0	0	0.0	2	6.2	0	0.0
Jefferson	1	1.5	2	2.8	2	2.9	1	1.6	1	1.7
Kanawha	18	7.8	6	2.5	16	6.7	20	8.8	7	3.2
Lewis	7	40.2	2	8.6	2	9.9	1	5.2	2	10.6
Lincoln	2	7.0	4	14.9	0	0.0	3	11.7	0	0.0
Logan	2	4.8	6	13.1	2	4.8	2	4.7	1	2.3
McDowell	2	6.8	2	6.8	1	3.3	2	6.8	1	3.6
Marion	5	8.3	5	7.5	1	1.6	1	1.5	4	5.9
Marshall	1	3.2	1	2.8	1	3.0	2	6.1	1	3.1
Mason	3	9.9	2	5.9	3	9.6	1	3.6	0	0.0
Mercer	3	4.2	2	2.6	3	3.7	5	6.1	6	7.6
Mineral	0	0.0	0	0.0	0	0.0	0	0.0	1	3.3
Mingo	1	2.7	2	5.1	2	5.7	1	2.7	1	2.6
Monongalia	3	3.3	6	6.6	2	2.2	4	4.3	2	2.1
Monroe	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Morgan	0	0.0	0	0.0	0	0.0	0	0.0	1	7.6
Nicholas	1	3.4	1	3.1	0	0.0	7	21.1	3	10.3
Ohio	4	8.3	4	7.9	2	4.3	3	5.9	3	6.4
Pendleton	0	0.0	0	0.0	1	13.5	0	0.0	1	14.3
Pleasants	0	0.0	0	0.0	1	13.0	3	46.9	2	35.7
Pocahontas	1	10.4	2	20.6	2	21.7	0	0.0	0	0.0
Preston	1	2.8	1	2.9	0	0.0	0	0.0	0	0.0
Putnam	1	1.6	2	3.1	6	9.8	1	1.7	3	5.1
Raleigh	8	8.9	10	10.1	6	6.5	5	5.2	4	4.1
Randolph	3	9.5	0	0.0	4	12.3	1	3.4	3	10.6
Ritchie	2	21.3	0	0.0	0	0.0	0	0.0	0	0.0
Roane	2	12.7	1	5.7	0	0.0	0	0.0	1	6.4
Summers	3	26.1	1	8.2	0	0.0	1	8.1	0	0.0
Taylor	0	0.0	1	6.1	0	0.0	0	0.0	1	5.6
Tucker	0	0.0	0	0.0	0	0.0	1	14.5	0	0.0
Tyler	2	22.5	0	0.0	0	0.0	1	10.0	1	12.5
Upshur	1	3.4	1	3.7	1	3.9	2	7.5	0	0.0
Wayne	1	2.1	0	0.0	1	2.2	1	2.4	4	10.9
Webster	0	0.0	0	0.0	1	9.2	1	7.5	0	0.0
Wetzel	2	9.8	0	0.0	2	11.7	0	0.0	1	5.9
Wirt	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Wood	5	5.1	9	8.6	5	5.2	1	1.0	2	2.1
Wyoming	1	3.7	1	4.0	1	3.9	2	7.5	3	11.4
Total	120	5.7	116	5.3	94	4.4	121	5.7	83	4.1

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

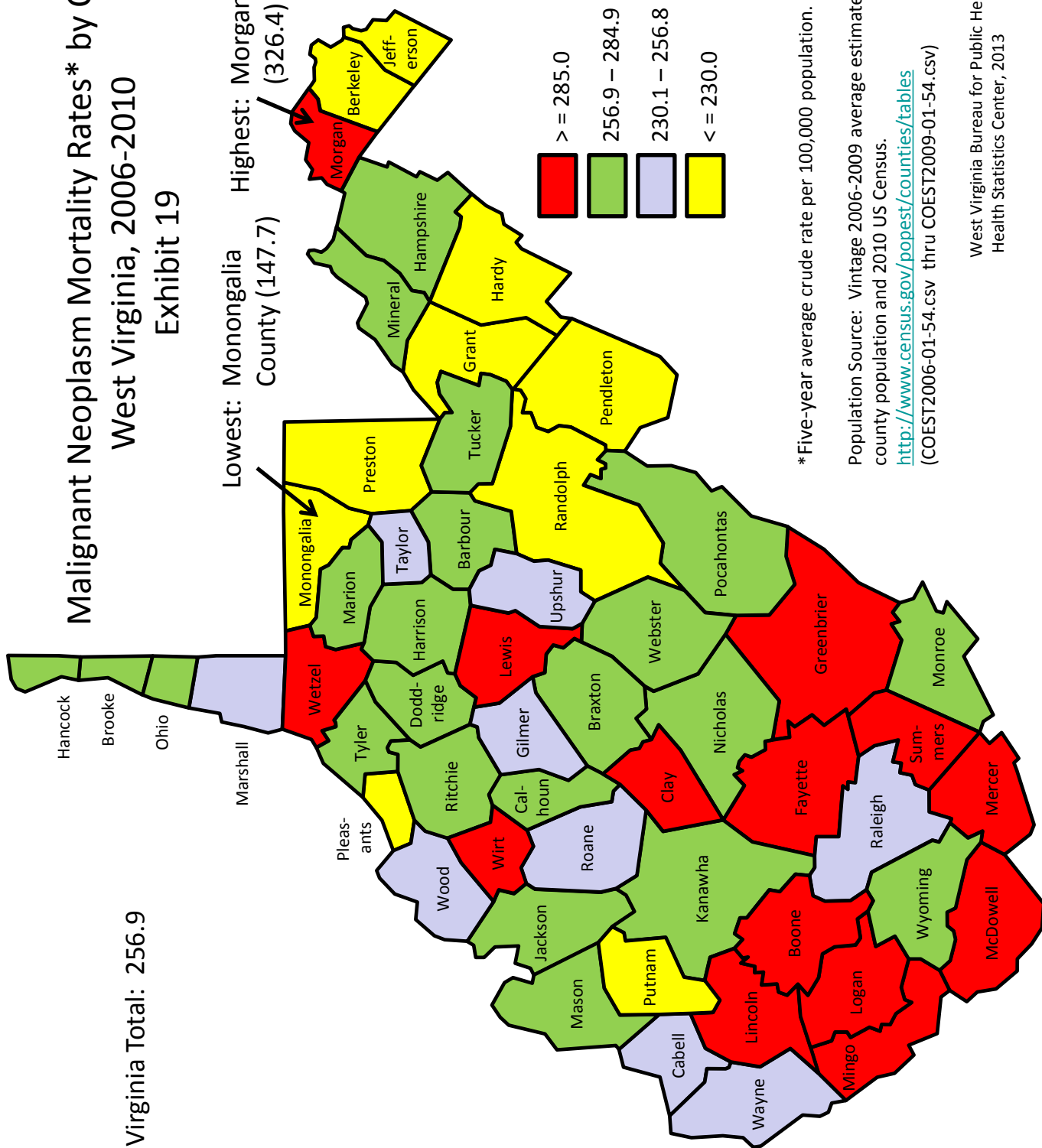
West Virginia Total: 283.6



Malignant Neoplasm Mortality Rates* by County West Virginia, 2006-2010 Exhibit 19

West Virginia Total: 256.9

Lowest: Monongalia County (147.7)
Highest: Morgan County (326.4)



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

Population Source: Vintage 2006-2009 average estimated county population and 2010 US Census.
<http://www.census.gov/popest/counties/tables>
(COEST2006-01-54.csv thru COEST2009-01-54.csv)

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2010
Table 61

Selected Causes of Death	Number and Rate by County							
	Barbour		Berkeley		Boone		Braxton	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	3	2.3	3	9.8	2	12.3
Total Deaths, All Causes	175	10.5	798	7.7	333	13.5	153	10.5
--Deaths Under One Year	0	0.0	6	4.7	5	16.3	0	0.0
--Deaths Under 28 Days	0	0.0	4	3.1	3	9.8	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	2	12.1	11	10.6	5	20.3	1	6.9
Human Immunodeficiency Virus Infection	0	0.0	1	1.0	0	0.0	0	0.0
Malignant Neoplasms	31	186.9	207	198.7	78	316.7	36	247.9
--of Digestive Organs	8	48.2	37	35.5	18	73.1	5	34.4
----Colon	3	18.1	12	11.5	4	16.2	2	13.8
----Pancreas	3	18.1	5	4.8	2	8.1	0	0.0
--of Respiratory and Intrathoracic Organs	9	54.3	69	66.2	33	134.0	13	89.5
----Trachea, Bronchus and Lung	7	42.2	68	65.3	33	134.0	13	89.5
--of Breast	2	12.1	23	22.1	3	12.2	3	20.7
--of Genitourinary Organs	3	18.1	22	21.1	8	32.5	4	27.5
----Cervix Uteri	0	0.0	2	1.9	1	4.1	0	0.0
----Ovary	1	6.0	5	4.8	0	0.0	1	6.9
----Prostate	0	0.0	5	4.8	2	8.1	2	13.8
----Bladder	1	6.0	7	6.7	1	4.1	0	0.0
--All Other (Malignant Neoplasms)	9	54.3	56	53.8	16	65.0	11	75.7
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	2	12.1	4	3.8	2	8.1	1	6.9
Diabetes Mellitus	5	30.1	26	25.0	10	40.6	5	34.4
Dementia	7	42.2	24	23.0	29	117.7	7	48.2
Alzheimer's Disease	7	42.2	23	22.1	7	28.4	8	55.1
Major Cardiovascular Disease	65	391.8	217	208.3	75	304.5	47	323.6
--Diseases of the Heart	51	307.4	174	167.0	59	239.6	32	220.3
----Ischemic Heart Disease	36	217.0	107	102.7	38	154.3	23	158.4
--Essential Hypertension and Hypertensive Renal Disease	1	6.0	10	9.6	2	8.1	3	20.7
--Cerebrovascular Diseases (Stroke)	11	66.3	31	29.8	13	52.8	10	68.9
--Arteriosclerosis	2	12.1	1	1.0	1	4.1	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	0	0.0	1	1.0	0	0.0	2	13.8
Influenza and Pneumonia	3	18.1	17	16.3	3	12.2	2	13.8
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	3	18.1	17	16.3	3	12.2	2	13.8
Chronic Lower Respiratory Diseases	16	96.4	47	45.1	24	97.4	8	55.1
--Bronchitis, Emphysema and Asthma	0	0.0	2	1.9	0	0.0	0	0.0
Lung Diseases due to External Agents	0	0.0	3	2.9	4	16.2	1	6.9
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	1	4.1	1	6.9
Chronic Liver Disease and Cirrhosis	2	12.1	8	7.7	6	24.4	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis	1	6.0	17	16.3	3	12.2	3	20.7
Congenital Malformations	0	0.0	4	3.8	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	1	6.0	9	8.6	4	16.2	1	6.9
Accidents, All Forms	11	66.3	46	44.2	42	170.5	10	68.9
--Motor Vehicle	3	18.1	8	7.7	8	32.5	4	27.5
--Falls	2	12.1	11	10.6	2	8.1	1	6.9
--Drownings	0	0.0	1	1.0	4	16.2	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	0	0.0
--Poisonings	3	18.1	20	19.2	20	81.2	4	27.5
--Other Accidents	3	18.1	6	5.8	8	32.5	1	6.9
Intentional Self-Harm (Suicide)	0	0.0	12	11.5	4	16.2	1	6.9
Assault (Homicide)	0	0.0	4	3.8	1	4.1	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	2	12.1	7	6.7	1	4.1	1	6.9
All Other Causes (Residual)	20	120.6	111	106.6	35	142.1	21	144.6

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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 unless otherwise noted.

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2010
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Brooke		Cabell		Calhoun		Clay	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	6	5.2	0	0.0	2	15.2
Total Deaths, All Causes	361	15.0	1,147	11.9	90	11.8	100	10.7
--Deaths Under One Year	1	5.0	9	7.9	0	0.0	0	0.0
--Deaths Under 28 Days	1	5.0	7	6.1	0	0.0	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	8	33.2	21	21.8	0	0.0	1	10.7
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	69	286.7	226	234.6	25	327.8	22	234.4
--of Digestive Organs	21	87.2	37	38.4	2	26.2	2	21.3
----Colon	3	12.5	15	15.6	0	0.0	0	0.0
----Pancreas	11	45.7	10	10.4	0	0.0	0	0.0
--of Respiratory and Intrathoracic Organs	14	58.2	85	88.2	13	170.4	6	63.9
----Trachea, Bronchus and Lung	14	58.2	81	84.1	13	170.4	6	63.9
--of Breast	5	20.8	16	16.6	1	13.1	2	21.3
--of Genitourinary Organs	12	49.9	28	29.1	3	39.3	4	42.6
----Cervix Uteri	0	0.0	2	2.1	0	0.0	1	10.7
----Ovary	3	12.5	4	4.2	0	0.0	0	0.0
----Prostate	4	16.6	9	9.3	1	13.1	1	10.7
----Bladder	1	4.2	3	3.1	2	26.2	0	0.0
--All Other (Malignant Neoplasms)	17	70.6	60	62.3	6	78.7	8	85.2
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	2	8.3	9	9.3	1	13.1	0	0.0
Diabetes Mellitus	8	33.2	48	49.8	2	26.2	6	63.9
Dementia	13	54.0	62	64.4	2	26.2	7	74.6
Alzheimer's Disease	9	37.4	35	36.3	0	0.0	2	21.3
Major Cardiovascular Disease	132	548.4	356	369.6	30	393.3	25	266.4
--Diseases of the Heart	110	457.0	254	263.7	25	327.8	17	181.1
----Ischemic Heart Disease	67	278.4	149	154.7	19	249.1	10	106.5
--Essential Hypertension and Hypertensive Renal Disease	5	20.8	25	26.0	2	26.2	0	0.0
--Cerebrovascular Diseases (Stroke)	17	70.6	63	65.4	3	39.3	7	74.6
--Arteriosclerosis	0	0.0	4	4.2	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	0	0.0	10	10.4	0	0.0	1	10.7
Influenza and Pneumonia	17	70.6	22	22.8	2	26.2	1	10.7
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	17	70.6	22	22.8	2	26.2	1	10.7
Chronic Lower Respiratory Diseases	25	103.9	80	83.1	10	131.1	9	95.9
--Bronchitis, Emphysema and Asthma	3	12.5	10	10.4	1	13.1	0	0.0
Lung Diseases due to External Agents	0	0.0	5	5.2	1	13.1	1	10.7
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	1	10.7
Chronic Liver Disease and Cirrhosis	4	16.6	13	13.5	2	26.2	1	10.7
Nephritis, Nephrotic Syndrome and Nephrosis	6	24.9	27	28.0	1	13.1	2	21.3
Congenital Malformations	1	4.2	5	5.2	0	0.0	0	0.0
III-Defined and Unknown Causes of Death	6	24.9	20	20.8	3	39.3	2	21.3
Accidents, All Forms	20	83.1	69	71.6	2	26.2	5	53.3
--Motor Vehicle	5	20.8	11	11.4	0	0.0	2	21.3
--Falls	3	12.5	16	16.6	0	0.0	1	10.7
--Drownings	0	0.0	2	2.1	0	0.0	1	10.7
--Smoke, Fires and Flames	0	0.0	1	1.0	0	0.0	0	0.0
--Poisonings	10	41.5	27	28.0	1	13.1	1	10.7
--Other Accidents	2	8.3	12	12.5	1	13.1	0	0.0
Intentional Self-Harm (Suicide)	5	20.8	15	15.6	0	0.0	1	10.7
Assault (Homicide)	2	8.3	3	3.1	0	0.0	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	2	8.3	5	5.2	0	0.0	1	10.7
All Other Causes (Residual)	32	133.0	126	130.8	9	118.0	14	149.2

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2010
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Doddridge		Fayette		Gilmer		Grant	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	1	1.8	2	25.6	1	7.8
Total Deaths, All Causes	75	9.1	647	14.1	59	6.8	118	9.9
--Deaths Under One Year	0	0.0	5	8.8	0	0.0	3	23.4
--Deaths Under 28 Days	0	0.0	3	5.3	0	0.0	2	15.6
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	0	0.0	8	17.4	2	23.0	0	0.0
Human Immunodeficiency Virus Infection	0	0.0	1	2.2	0	0.0	0	0.0
Malignant Neoplasms	17	207.3	135	293.2	20	230.1	14	117.3
--of Digestive Organs	2	24.4	32	69.5	7	80.5	5	41.9
----Colon	1	12.2	11	23.9	2	23.0	0	0.0
----Pancreas	0	0.0	5	10.9	1	11.5	2	16.8
--of Respiratory and Intrathoracic Organs	5	61.0	39	84.7	4	46.0	5	41.9
----Trachea, Bronchus and Lung	5	61.0	38	82.5	4	46.0	5	41.9
--of Breast	2	24.4	6	13.0	1	11.5	0	0.0
--of Genitourinary Organs	6	73.2	21	45.6	1	11.5	1	8.4
----Cervix Uteri	0	0.0	0	0.0	0	0.0	0	0.0
----Ovary	1	12.2	6	13.0	0	0.0	0	0.0
----Prostate	1	12.2	7	15.2	0	0.0	1	8.4
----Bladder	1	12.2	2	4.3	0	0.0	0	0.0
--All Other (Malignant Neoplasms)	2	24.4	37	80.4	7	80.5	3	25.1
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	4	8.7	0	0.0	0	0.0
Diabetes Mellitus	2	24.4	26	56.5	5	57.5	2	16.8
Dementia	3	36.6	30	65.2	4	46.0	3	25.1
Alzheimer's Disease	4	48.8	8	17.4	1	11.5	4	33.5
Major Cardiovascular Disease	23	280.4	199	432.2	13	149.5	52	435.6
--Diseases of the Heart	18	219.5	148	321.5	10	115.0	43	360.2
----Ischemic Heart Disease	14	170.7	97	210.7	4	46.0	29	242.9
--Essential Hypertension and Hypertensive Renal Disease	0	0.0	13	28.2	1	11.5	0	0.0
--Cerebrovascular Diseases (Stroke)	5	61.0	35	76.0	2	23.0	2	16.8
--Arteriosclerosis	0	0.0	0	0.0	0	0.0	7	58.6
--Other Diseases of Arteries, Arterioles and Capillaries	0	0.0	3	6.5	0	0.0	0	0.0
Influenza and Pneumonia	1	12.2	15	32.6	3	34.5	3	25.1
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	1	12.2	15	32.6	3	34.5	3	25.1
Chronic Lower Respiratory Diseases	3	36.6	37	80.4	3	34.5	6	50.3
--Bronchitis, Emphysema and Asthma	0	0.0	3	6.5	0	0.0	1	8.4
Lung Diseases due to External Agents	1	12.2	12	26.1	0	0.0	0	0.0
--Coal Worker's Pneumoconiosis	0	0.0	10	21.7	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	1	12.2	12	26.1	0	0.0	4	33.5
Nephritis, Nephrotic Syndrome and Nephrosis	2	24.4	8	17.4	0	0.0	1	8.4
Congenital Malformations	0	0.0	4	8.7	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	2	24.4	4	8.7	0	0.0	4	33.5
Accidents, All Forms	3	36.6	36	78.2	4	46.0	7	58.6
--Motor Vehicle	1	12.2	8	17.4	3	34.5	4	33.5
--Falls	0	0.0	3	6.5	0	0.0	1	8.4
--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	1	12.2	17	36.9	0	0.0	1	8.4
--Other Accidents	1	12.2	8	17.4	1	11.5	1	8.4
Intentional Self-Harm (Suicide)	1	12.2	15	32.6	0	0.0	1	8.4
Assault (Homicide)	0	0.0	1	2.2	0	0.0	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	1	12.2	2	4.3	0	0.0	0	0.0
All Other Causes (Residual)	11	134.1	90	195.5	4	46.0	17	142.4

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2010
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Greenbrier		Hampshire		Hancock		Hardy	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	2	5.7	1	4.4	0	0.0	0	0.0
Total Deaths, All Causes	455	12.8	249	10.4	383	12.5	144	10.3
--Deaths Under One Year	0	0.0	1	4.4	2	6.9	1	6.8
--Deaths Under 28 Days	0	0.0	1	4.4	0	0.0	1	6.8
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	10	28.2	2	8.3	9	29.3	7	49.9
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	82	231.1	80	333.8	77	251.0	30	213.9
--of Digestive Organs	14	39.5	16	66.8	20	65.2	3	21.4
----Colon	3	8.5	4	16.7	9	29.3	1	7.1
----Pancreas	4	11.3	1	4.2	6	19.6	1	7.1
--of Respiratory and Intrathoracic Organs	22	62.0	29	121.0	18	58.7	13	92.7
----Trachea, Bronchus and Lung	21	59.2	28	116.8	18	58.7	13	92.7
--of Breast	3	8.5	5	20.9	6	19.6	1	7.1
--of Genitourinary Organs	8	22.5	8	33.4	8	26.1	4	28.5
----Cervix Uteri	0	0.0	0	0.0	1	3.3	0	0.0
----Ovary	2	5.6	3	12.5	0	0.0	0	0.0
----Prostate	1	2.8	2	8.3	2	6.5	1	7.1
----Bladder	2	5.6	1	4.2	1	3.3	2	14.3
--All Other (Malignant Neoplasms)	35	98.6	22	91.8	25	81.5	9	64.2
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	4	11.3	2	8.3	0	0.0	1	7.1
Diabetes Mellitus	15	42.3	14	58.4	8	26.1	6	42.8
Dementia	14	39.5	3	12.5	9	29.3	2	14.3
Alzheimer's Disease	18	50.7	7	29.2	12	39.1	3	21.4
Major Cardiovascular Disease	134	377.7	71	296.3	126	410.7	46	328.0
--Diseases of the Heart	94	264.9	62	258.7	105	342.3	40	285.2
----Ischemic Heart Disease	47	132.5	43	179.4	59	192.3	15	107.0
--Essential Hypertension and Hypertensive Renal Disease	3	8.5	3	12.5	3	9.8	0	0.0
--Cerebrovascular Diseases (Stroke)	32	90.2	6	25.0	14	45.6	5	35.7
--Arteriosclerosis	0	0.0	0	0.0	0	0.0	1	7.1
--Other Diseases of Arteries, Arterioles and Capillaries	5	14.1	0	0.0	4	13.0	0	0.0
Influenza and Pneumonia	9	25.4	2	8.3	23	75.0	2	14.3
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	9	25.4	2	8.3	23	75.0	2	14.3
Chronic Lower Respiratory Diseases	48	135.3	15	62.6	29	94.5	8	57.0
--Bronchitis, Emphysema and Asthma	7	19.7	2	8.3	3	9.8	1	7.1
Lung Diseases due to External Agents	5	14.1	2	8.3	3	9.8	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	5.6	3	12.5	5	16.3	5	35.7
Nephritis, Nephrotic Syndrome and Nephrosis	13	36.6	5	20.9	9	29.3	2	14.3
Congenital Malformations	0	0.0	2	8.3	0	0.0	0	0.0
III-Defined and Unknown Causes of Death	10	28.2	1	4.2	8	26.1	1	7.1
Accidents, All Forms	21	59.2	9	37.6	26	84.8	11	78.4
--Motor Vehicle	6	16.9	3	12.5	3	9.8	7	49.9
--Falls	4	11.3	0	0.0	6	19.6	0	0.0
--Drownings	1	2.8	0	0.0	0	0.0	1	7.1
--Smoke, Fires and Flames	0	0.0	0	0.0	1	3.3	0	0.0
--Poisonings	9	25.4	3	12.5	13	42.4	2	14.3
--Other Accidents	1	2.8	3	12.5	3	9.8	1	7.1
Intentional Self-Harm (Suicide)	10	28.2	5	20.9	2	6.5	1	7.1
Assault (Homicide)	0	0.0	0	0.0	2	6.5	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	1	2.8	2	8.3	3	9.8	1	7.1
All Other Causes (Residual)	59	166.3	24	100.2	32	104.3	18	128.3

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2010
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Harrison		Jackson		Jefferson		Kanawha	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	0	0.0	1	1.7	7	3.2
Total Deaths, All Causes	827	12.0	326	11.2	439	8.2	2,467	12.8
--Deaths Under One Year	4	5.0	2	6.0	3	5.0	11	5.0
--Deaths Under 28 Days	1	1.3	1	3.0	3	5.0	4	1.8
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	11	15.9	5	17.1	9	16.8	23	11.9
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	1	1.9	6	3.1
Malignant Neoplasms	199	288.0	85	291.0	118	220.6	556	288.0
--of Digestive Organs	48	69.5	15	51.4	20	37.4	120	62.2
----Colon	13	18.8	6	20.5	8	15.0	34	17.6
----Pancreas	10	14.5	4	13.7	2	3.7	24	12.4
--of Respiratory and Intrathoracic Organs	63	91.2	33	113.0	44	82.2	187	96.9
----Trachea, Bronchus and Lung	60	86.8	33	113.0	44	82.2	185	95.8
--of Breast	9	13.0	5	17.1	8	15.0	28	14.5
--of Genitourinary Organs	32	46.3	16	54.8	19	35.5	82	42.5
----Cervix Uteri	0	0.0	1	3.4	1	1.9	5	2.6
----Ovary	4	5.8	0	0.0	3	5.6	11	5.7
----Prostate	9	13.0	6	20.5	5	9.3	23	11.9
----Bladder	10	14.5	5	17.1	5	9.3	13	6.7
--All Other (Malignant Neoplasms)	47	68.0	16	54.8	27	50.5	139	72.0
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	4	5.8	1	3.4	4	7.5	15	7.8
Diabetes Mellitus	31	44.9	16	54.8	16	29.9	86	44.5
Dementia	24	34.7	7	24.0	18	33.6	187	96.9
Alzheimer's Disease	24	34.7	10	34.2	16	29.9	68	35.2
Major Cardiovascular Disease	266	385.0	103	352.6	123	229.9	696	360.5
--Diseases of the Heart	203	293.8	58	198.6	93	173.8	493	255.4
----Ischemic Heart Disease	138	199.7	34	116.4	51	95.3	319	165.2
--Essential Hypertension and Hypertensive Renal Disease	12	17.4	6	20.5	3	5.6	31	16.1
--Cerebrovascular Diseases (Stroke)	43	62.2	20	68.5	23	43.0	146	75.6
--Arteriosclerosis	5	7.2	13	44.5	3	5.6	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	3	4.3	6	20.5	1	1.9	26	13.5
Influenza and Pneumonia	19	27.5	10	34.2	5	9.3	35	18.1
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	19	27.5	10	34.2	5	9.3	35	18.1
Chronic Lower Respiratory Diseases	61	88.3	20	68.5	29	54.2	151	78.2
--Bronchitis, Emphysema and Asthma	4	5.8	2	6.8	2	3.7	15	7.8
Lung Diseases due to External Agents	8	11.6	0	0.0	0	0.0	21	10.9
--Coal Worker's Pneumoconiosis	2	2.9	0	0.0	0	0.0	5	2.6
Chronic Liver Disease and Cirrhosis	4	5.8	2	6.8	6	11.2	25	12.9
Nephritis, Nephrotic Syndrome and Nephrosis	13	18.8	9	30.8	7	13.1	54	28.0
Congenital Malformations	3	4.3	1	3.4	0	0.0	11	5.7
Ill-Defined and Unknown Causes of Death	6	8.7	1	3.4	2	3.7	26	13.5
Accidents, All Forms	46	66.6	20	68.5	22	41.1	136	70.4
--Motor Vehicle	13	18.8	9	30.8	11	20.6	35	18.1
--Falls	8	11.6	3	10.3	0	0.0	32	16.6
--Drownings	1	1.4	0	0.0	0	0.0	3	1.6
--Smoke, Fires and Flames	0	0.0	1	3.4	0	0.0	2	1.0
--Poisonings	17	24.6	5	17.1	7	13.1	47	24.3
--Other Accidents	7	10.1	2	6.8	4	7.5	17	8.8
Intentional Self-Harm (Suicide)	7	10.1	2	6.8	6	11.2	41	21.2
Assault (Homicide)	4	5.8	3	10.3	0	0.0	18	9.3
Injury Undetermined Whether Accidental or Purposely Inflicted	5	7.2	1	3.4	4	7.5	16	8.3
All Other Causes (Residual)	92	133.1	30	102.7	53	99.1	296	153.3

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2010
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Lewis		Lincoln		Logan		McDowell	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	2	10.6	0	0.0	1	2.3	1	3.6
Total Deaths, All Causes	198	12.1	277	12.8	484	13.2	364	16.5
--Deaths Under One Year	1	5.3	1	3.9	1	2.3	7	25.2
--Deaths Under 28 Days	1	5.3	0	0.0	0	0.0	4	14.4
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	3	18.3	2	9.2	10	27.2	5	22.6
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	49	299.3	65	299.3	96	261.3	65	293.9
--of Digestive Organs	8	48.9	16	73.7	25	68.0	13	58.8
----Colon	2	12.2	6	27.6	13	35.4	3	13.6
----Pancreas	2	12.2	1	4.6	2	5.4	1	4.5
--of Respiratory and Intrathoracic Organs	20	122.2	25	115.1	40	108.9	24	108.5
----Trachea, Bronchus and Lung	20	122.2	25	115.1	40	108.9	22	99.5
--of Breast	4	24.4	3	13.8	2	5.4	1	4.5
--of Genitourinary Organs	6	36.6	7	32.2	11	29.9	11	49.7
----Cervix Uteri	0	0.0	1	4.6	0	0.0	0	0.0
----Ovary	2	12.2	2	9.2	2	5.4	1	4.5
----Prostate	1	6.1	3	13.8	5	13.6	3	13.6
----Bladder	1	6.1	0	0.0	1	2.7	5	22.6
--All Other (Malignant Neoplasms)	11	67.2	14	64.5	18	49.0	16	72.4
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	1	6.1	4	18.4	0	0.0	1	4.5
Diabetes Mellitus	9	55.0	21	96.7	22	59.9	19	85.9
Dementia	4	24.4	19	87.5	23	62.6	16	72.4
Alzheimer's Disease	4	24.4	7	32.2	12	32.7	4	18.1
Major Cardiovascular Disease	58	354.3	69	317.7	135	367.4	95	429.6
--Diseases of the Heart	45	274.9	49	225.6	94	255.8	79	357.3
----Ischemic Heart Disease	41	250.4	33	151.9	69	187.8	51	230.6
--Essential Hypertension and Hypertensive Renal Disease	4	24.4	5	23.0	9	24.5	3	13.6
--Cerebrovascular Diseases (Stroke)	8	48.9	11	50.6	30	81.6	9	40.7
--Arteriosclerosis	0	0.0	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	1	6.1	4	18.4	2	5.4	4	18.1
Influenza and Pneumonia	7	42.8	3	13.8	6	16.3	5	22.6
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	7	42.8	3	13.8	6	16.3	5	22.6
Chronic Lower Respiratory Diseases	18	109.9	18	82.9	40	108.9	30	135.7
--Bronchitis, Emphysema and Asthma	1	6.1	2	9.2	3	8.2	3	13.6
Lung Diseases due to External Agents	1	6.1	2	9.2	14	38.1	6	27.1
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	10	27.2	4	18.1
Chronic Liver Disease and Cirrhosis	3	18.3	4	18.4	6	16.3	1	4.5
Nephritis, Nephrotic Syndrome and Nephrosis	6	36.6	5	23.0	10	27.2	6	27.1
Congenital Malformations	1	6.1	1	4.6	1	2.7	5	22.6
III-Defined and Unknown Causes of Death	4	24.4	2	9.2	3	8.2	6	27.1
Accidents, All Forms	5	30.5	23	105.9	42	114.3	37	167.3
--Motor Vehicle	3	18.3	6	27.6	6	16.3	8	36.2
--Falls	1	6.1	5	23.0	6	16.3	2	9.0
--Drownings	0	0.0	0	0.0	0	0.0	2	9.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	1	4.5
--Poisonings	1	6.1	11	50.6	21	57.2	23	104.0
--Other Accidents	0	0.0	1	4.6	9	24.5	1	4.5
Intentional Self-Harm (Suicide)	1	6.1	4	18.4	3	8.2	7	31.7
Assault (Homicide)	2	12.2	1	4.6	4	10.9	4	18.1
Injury Undetermined Whether Accidental or Purposely Inflicted	3	18.3	4	18.4	3	8.2	2	9.0
All Other Causes (Residual)	19	116.1	23	105.9	54	147.0	50	226.1

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2010
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Marion		Marshall		Mason		Mercer	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	4	5.9	1	3.1	0	0.0	6	7.6
Total Deaths, All Causes	643	11.4	388	11.7	359	13.1	865	13.9
--Deaths Under One Year	4	5.9	3	9.3	5	16.2	11	13.9
--Deaths Under 28 Days	4	5.9	2	6.2	1	3.2	3	3.8
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	14	24.8	8	24.2	3	11.0	20	32.1
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	153	271.2	86	259.8	85	311.1	177	284.3
--of Digestive Organs	39	69.1	22	66.5	15	54.9	40	64.2
----Colon	13	23.0	4	12.1	2	7.3	11	17.7
----Pancreas	10	17.7	8	24.2	6	22.0	11	17.7
--of Respiratory and Intrathoracic Organs	51	90.4	24	72.5	33	120.8	72	115.6
----Trachea, Bronchus and Lung	48	85.1	24	72.5	33	120.8	67	107.6
--of Breast	12	21.3	6	18.1	4	14.6	6	9.6
--of Genitourinary Organs	20	35.4	10	30.2	14	51.2	21	33.7
----Cervix Uteri	0	0.0	1	3.0	0	0.0	2	3.2
----Ovary	4	7.1	1	3.0	6	22.0	3	4.8
----Prostate	8	14.2	2	6.0	2	7.3	5	8.0
----Bladder	3	5.3	1	3.0	1	3.7	6	9.6
--All Other (Malignant Neoplasms)	31	54.9	24	72.5	19	69.5	38	61.0
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	1	1.8	1	3.0	3	11.0	0	0.0
Diabetes Mellitus	21	37.2	12	36.2	11	40.3	24	38.5
Dementia	24	42.5	8	24.2	11	40.3	55	88.3
Alzheimer's Disease	15	26.6	13	39.3	17	62.2	8	12.8
Major Cardiovascular Disease	207	366.9	131	395.7	105	384.3	258	414.4
--Diseases of the Heart	156	276.5	104	314.1	77	281.8	189	303.5
----Ischemic Heart Disease	111	196.7	84	253.7	50	183.0	120	192.7
--Essential Hypertension and Hypertensive Renal Disease	9	16.0	6	18.1	5	18.3	9	14.5
--Cerebrovascular Diseases (Stroke)	29	51.4	17	51.3	21	76.9	46	73.9
--Arteriosclerosis	4	7.1	2	6.0	0	0.0	3	4.8
--Other Diseases of Arteries, Arterioles and Capillaries	9	16.0	2	6.0	2	7.3	11	17.7
Influenza and Pneumonia	11	19.5	11	33.2	5	18.3	15	24.1
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	11	19.5	11	33.2	5	18.3	15	24.1
Chronic Lower Respiratory Diseases	55	97.5	31	93.6	23	84.2	53	85.1
--Bronchitis, Emphysema and Asthma	0	0.0	3	9.1	3	11.0	1	1.6
Lung Diseases due to External Agents	7	12.4	0	0.0	2	7.3	11	17.7
--Coal Worker's Pneumoconiosis	1	1.8	0	0.0	0	0.0	4	6.4
Chronic Liver Disease and Cirrhosis	6	10.6	7	21.1	5	18.3	11	17.7
Nephritis, Nephrotic Syndrome and Nephrosis	22	39.0	10	30.2	7	25.6	16	25.7
Congenital Malformations	2	3.5	0	0.0	0	0.0	3	4.8
Ill-Defined and Unknown Causes of Death	9	16.0	4	12.1	4	14.6	15	24.1
Accidents, All Forms	19	33.7	11	33.2	20	73.2	56	89.9
--Motor Vehicle	1	1.8	0	0.0	7	25.6	11	17.7
--Falls	11	19.5	2	6.0	2	7.3	5	8.0
--Drownings	2	3.5	0	0.0	0	0.0	1	1.6
--Smoke, Fires and Flames	0	0.0	1	3.0	0	0.0	1	1.6
--Poisonings	4	7.1	8	24.2	7	25.6	32	51.4
--Other Accidents	1	1.8	0	0.0	4	14.6	6	9.6
Intentional Self-Harm (Suicide)	6	10.6	7	21.1	2	7.3	17	27.3
Assault (Homicide)	1	1.8	1	3.0	0	0.0	8	12.8
Injury Undetermined Whether Accidental or Purposely Inflicted	2	3.5	1	3.0	3	11.0	6	9.6
All Other Causes (Residual)	68	120.5	46	138.9	53	194.0	112	179.9

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2010
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Mineral		Mingo		Monongalia		Monroe	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	3.3	1	2.6	2	2.1	0	0.0
Total Deaths, All Causes	322	11.4	360	13.4	617	6.4	174	12.9
--Deaths Under One Year	4	13.3	4	10.3	6	6.2	0	0.0
--Deaths Under 28 Days	1	3.3	3	7.7	4	4.1	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	6	21.3	10	37.3	9	9.4	3	22.2
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	83	294.2	76	283.2	108	112.3	44	325.9
--of Digestive Organs	16	56.7	17	63.3	25	26.0	10	74.1
----Colon	9	31.9	1	3.7	9	9.4	4	29.6
----Pancreas	2	7.1	4	14.9	2	2.1	1	7.4
--of Respiratory and Intrathoracic Organs	31	109.9	31	115.5	34	35.3	11	81.5
----Trachea, Bronchus and Lung	30	106.3	30	111.8	33	34.3	11	81.5
--of Breast	0	0.0	4	14.9	4	4.2	3	22.2
--of Genitourinary Organs	13	46.1	7	26.1	11	11.4	5	37.0
----Cervix Uteri	1	3.5	0	0.0	0	0.0	0	0.0
----Ovary	4	14.2	4	14.9	2	2.1	0	0.0
----Prostate	2	7.1	2	7.5	1	1.0	4	29.6
----Bladder	3	10.6	0	0.0	2	2.1	0	0.0
--All Other (Malignant Neoplasms)	23	81.5	17	63.3	34	35.3	15	111.1
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	1	3.5	2	7.5	4	4.2	0	0.0
Diabetes Mellitus	9	31.9	16	59.6	19	19.8	5	37.0
Dementia	4	14.2	3	11.2	25	26.0	5	37.0
Alzheimer's Disease	12	42.5	10	37.3	29	30.1	5	37.0
Major Cardiovascular Disease	100	354.5	105	391.2	194	201.7	51	377.7
--Diseases of the Heart	79	280.0	88	327.9	157	163.2	39	288.8
----Ischemic Heart Disease	55	195.0	62	231.0	114	118.5	27	200.0
--Essential Hypertension and Hypertensive Renal Disease	7	24.8	2	7.5	3	3.1	3	22.2
--Cerebrovascular Diseases (Stroke)	11	39.0	13	48.4	27	28.1	7	51.8
--Arteriosclerosis	1	3.5	0	0.0	1	1.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	2	7.1	2	7.5	6	6.2	2	14.8
Influenza and Pneumonia	5	17.7	13	48.4	4	4.2	3	22.2
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	5	17.7	13	48.4	4	4.2	3	22.2
Chronic Lower Respiratory Diseases	14	49.6	32	119.2	46	47.8	13	96.3
--Bronchitis, Emphysema and Asthma	0	0.0	1	3.7	2	2.1	1	7.4
Lung Diseases due to External Agents	4	14.2	7	26.1	6	6.2	0	0.0
--Coal Worker's Pneumoconiosis	0	0.0	4	14.9	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	4	14.2	2	7.5	6	6.2	1	7.4
Nephritis, Nephrotic Syndrome and Nephrosis	10	35.4	8	29.8	16	16.6	7	51.8
Congenital Malformations	1	3.5	0	0.0	3	3.1	0	0.0
III-Defined and Unknown Causes of Death	4	14.2	5	18.6	6	6.2	1	7.4
Accidents, All Forms	15	53.2	30	111.8	44	45.7	15	111.1
--Motor Vehicle	4	14.2	9	33.5	13	13.5	3	22.2
--Falls	5	17.7	0	0.0	11	11.4	3	22.2
--Drownings	0	0.0	2	7.5	2	2.1	1	7.4
--Smoke, Fires and Flames	2	7.1	0	0.0	1	1.0	0	0.0
--Poisonings	1	3.5	17	63.3	10	10.4	6	44.4
--Other Accidents	3	10.6	2	7.5	7	7.3	2	14.8
Intentional Self-Harm (Suicide)	3	10.6	2	7.5	10	10.4	2	14.8
Assault (Homicide)	2	7.1	1	3.7	2	2.1	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	4	14.2	5	18.6	4	4.2	2	14.8
All Other Causes (Residual)	41	145.3	33	123.0	82	85.2	17	125.9

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2010
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Morgan		Nicholas		Ohio		Pendleton	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	7.6	3	10.3	3	6.4	1	14.3
Total Deaths, All Causes	214	12.2	324	12.4	560	12.6	94	12.2
--Deaths Under One Year	0	0.0	2	6.9	5	10.6	0	0.0
--Deaths Under 28 Days	0	0.0	2	6.9	4	8.5	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	2	11.4	5	19.1	6	13.5	3	39.0
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	68	387.7	70	266.8	115	258.8	18	233.9
--of Digestive Organs	9	51.3	14	53.4	25	56.3	4	52.0
----Colon	4	22.8	2	7.6	6	13.5	2	26.0
----Pancreas	2	11.4	5	19.1	5	11.3	2	26.0
--of Respiratory and Intrathoracic Organs	28	159.6	27	102.9	33	74.3	5	65.0
----Trachea, Bronchus and Lung	27	153.9	27	102.9	32	72.0	5	65.0
--of Breast	3	17.1	4	15.2	9	20.3	2	26.0
--of Genitourinary Organs	8	45.6	6	22.9	15	33.8	3	39.0
----Cervix Uteri	1	5.7	0	0.0	0	0.0	0	0.0
----Ovary	0	0.0	0	0.0	2	4.5	0	0.0
----Prostate	0	0.0	3	11.4	3	6.8	2	26.0
----Bladder	0	0.0	0	0.0	5	11.3	1	13.0
--All Other (Malignant Neoplasms)	20	114.0	19	72.4	33	74.3	4	52.0
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	2	11.4	1	3.8	0	0.0	2	26.0
Diabetes Mellitus	5	28.5	10	38.1	23	51.8	3	39.0
Dementia	5	28.5	10	38.1	31	69.8	3	39.0
Alzheimer's Disease	24	136.8	8	30.5	8	18.0	2	26.0
Major Cardiovascular Disease	55	313.6	108	411.7	192	432.0	34	441.8
--Diseases of the Heart	39	222.3	68	259.2	134	301.5	24	311.9
----Ischemic Heart Disease	23	131.1	42	160.1	90	202.5	17	220.9
--Essential Hypertension and Hypertensive Renal Disease	3	17.1	7	26.7	7	15.8	1	13.0
--Cerebrovascular Diseases (Stroke)	9	51.3	30	114.4	41	92.3	8	104.0
--Arteriosclerosis	0	0.0	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	4	22.8	3	11.4	10	22.5	1	13.0
Influenza and Pneumonia	1	5.7	8	30.5	20	45.0	2	26.0
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	1	5.7	8	30.5	20	45.0	2	26.0
Chronic Lower Respiratory Diseases	17	96.9	21	80.1	43	96.8	4	52.0
--Bronchitis, Emphysema and Asthma	4	22.8	2	7.6	3	6.8	1	13.0
Lung Diseases due to External Agents	1	5.7	1	3.8	9	20.3	0	0.0
--Coal Worker's Pneumoconiosis	0	0.0	1	3.8	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	1	5.7	3	11.4	5	11.3	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis	4	22.8	7	26.7	5	11.3	1	13.0
Congenital Malformations	0	0.0	0	0.0	3	6.8	0	0.0
Ill-Defined and Unknown Causes of Death	0	0.0	0	0.0	6	13.5	0	0.0
Accidents, All Forms	11	62.7	17	64.8	29	65.3	3	39.0
--Motor Vehicle	3	17.1	6	22.9	5	11.3	2	26.0
--Falls	3	17.1	1	3.8	9	20.3	0	0.0
--Drownings	1	5.7	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	1	5.7	4	15.2	5	11.3	1	13.0
--Other Accidents	3	17.1	6	22.9	10	22.5	0	0.0
Intentional Self-Harm (Suicide)	0	0.0	5	19.1	4	9.0	4	52.0
Assault (Homicide)	0	0.0	3	11.4	0	0.0	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	2	7.6	0	0.0	1	13.0
All Other Causes (Residual)	18	102.6	45	171.5	61	137.3	14	181.9

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2010
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Pleasants		Pocahontas		Preston		Putnam	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	2	35.7	0	0.0	0	0.0	3	5.1
Total Deaths, All Causes	91	12.0	115	13.2	320	9.5	505	9.1
--Deaths Under One Year	0	0.0	1	12.7	4	12.0	5	8.6
--Deaths Under 28 Days	0	0.0	1	12.7	3	9.0	2	3.4
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	2	26.3	0	0.0	4	11.9	5	9.0
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	17	223.5	26	298.2	69	205.8	99	178.4
--of Digestive Organs	3	39.4	4	45.9	13	38.8	22	39.6
----Colon	1	13.1	2	22.9	5	14.9	5	9.0
----Pancreas	1	13.1	1	11.5	2	6.0	5	9.0
--of Respiratory and Intrathoracic Organs	5	65.7	6	68.8	25	74.6	25	45.1
----Trachea, Bronchus and Lung	5	65.7	5	57.3	23	68.6	23	41.5
--of Breast	3	39.4	4	45.9	6	17.9	8	14.4
--of Genitourinary Organs	4	52.6	7	80.3	5	14.9	12	21.6
----Cervix Uteri	0	0.0	1	11.5	1	3.0	0	0.0
----Ovary	0	0.0	1	11.5	0	0.0	1	1.8
----Prostate	2	26.3	1	11.5	0	0.0	5	9.0
----Bladder	0	0.0	1	11.5	1	3.0	1	1.8
--All Other (Malignant Neoplasms)	2	26.3	5	57.3	20	59.7	32	57.7
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	0	0.0	1	3.0	3	5.4
Diabetes Mellitus	2	26.3	1	11.5	10	29.8	10	18.0
Dementia	3	39.4	1	11.5	5	14.9	41	73.9
Alzheimer's Disease	1	13.1	8	91.8	14	41.8	13	23.4
Major Cardiovascular Disease	37	486.5	32	367.0	103	307.3	161	290.2
--Diseases of the Heart	33	433.9	19	217.9	69	205.8	124	223.5
----Ischemic Heart Disease	20	263.0	11	126.2	43	128.3	86	155.0
--Essential Hypertension and Hypertensive Renal Disease	2	26.3	2	22.9	5	14.9	9	16.2
--Cerebrovascular Diseases (Stroke)	1	13.1	9	103.2	22	65.6	25	45.1
--Arteriosclerosis	0	0.0	0	0.0	2	6.0	3	5.4
--Other Diseases of Arteries, Arterioles and Capillaries	1	13.1	2	22.9	5	14.9	0	0.0
Influenza and Pneumonia	0	0.0	2	22.9	10	29.8	7	12.6
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	0	0.0	2	22.9	10	29.8	7	12.6
Chronic Lower Respiratory Diseases	3	39.4	7	80.3	25	74.6	25	45.1
--Bronchitis, Emphysema and Asthma	0	0.0	0	0.0	1	3.0	3	5.4
Lung Diseases due to External Agents	1	13.1	1	11.5	6	17.9	2	3.6
--Coal Worker's Pneumoconiosis	0	0.0	1	11.5	2	6.0	0	0.0
Chronic Liver Disease and Cirrhosis	1	13.1	1	11.5	8	23.9	5	9.0
Nephritis, Nephrotic Syndrome and Nephrosis	1	13.1	2	22.9	5	14.9	12	21.6
Congenital Malformations	1	13.1	0	0.0	0	0.0	2	3.6
III-Defined and Unknown Causes of Death	4	52.6	8	91.8	5	14.9	15	27.0
Accidents, All Forms	4	52.6	8	91.8	17	50.7	23	41.5
--Motor Vehicle	3	39.4	1	11.5	6	17.9	5	9.0
--Falls	1	13.1	1	11.5	4	11.9	6	10.8
--Drownings	0	0.0	1	11.5	1	3.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	0	0.0
--Poisonings	0	0.0	4	45.9	3	8.9	10	18.0
--Other Accidents	0	0.0	1	11.5	3	8.9	2	3.6
Intentional Self-Harm (Suicide)	2	26.3	2	22.9	7	20.9	10	18.0
Assault (Homicide)	0	0.0	2	22.9	0	0.0	3	5.4
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	0	0.0	2	3.6
All Other Causes (Residual)	12	157.8	14	160.6	31	92.5	67	120.8

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2010
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Raleigh		Randolph		Ritchie		Roane	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	4	4.1	3	10.6	0	0.0	1	6.4
Total Deaths, All Causes	1,013	12.8	310	10.5	119	11.4	168	11.3
--Deaths Under One Year	7	7.2	2	7.1	1	12.0	2	12.7
--Deaths Under 28 Days	2	2.1	1	3.5	0	0.0	1	6.4
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	8	10.1	5	17.0	4	38.3	2	13.4
Human Immunodeficiency Virus Infection	1	1.3	1	3.4	0	0.0	0	0.0
Malignant Neoplasms	195	247.3	58	197.2	33	315.8	34	227.8
--of Digestive Organs	30	38.0	15	51.0	3	28.7	4	26.8
----Colon	14	17.8	11	37.4	0	0.0	1	6.7
----Pancreas	4	5.1	3	10.2	1	9.6	2	13.4
--of Respiratory and Intrathoracic Organs	60	76.1	14	47.6	13	124.4	13	87.1
----Trachea, Bronchus and Lung	56	71.0	12	40.8	13	124.4	13	87.1
--of Breast	11	13.9	3	10.2	2	19.1	2	13.4
--of Genitourinary Organs	35	44.4	7	23.8	5	47.9	4	26.8
----Cervix Uteri	2	2.5	1	3.4	1	9.6	0	0.0
----Ovary	10	12.7	1	3.4	2	19.1	1	6.7
----Prostate	9	11.4	1	3.4	0	0.0	2	13.4
----Bladder	4	5.1	0	0.0	0	0.0	0	0.0
--All Other (Malignant Neoplasms)	59	74.8	19	64.6	10	95.7	11	73.7
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	4	5.1	1	3.4	0	0.0	0	0.0
Diabetes Mellitus	54	68.5	8	27.2	4	38.3	10	67.0
Dementia	32	40.6	17	57.8	5	47.9	3	20.1
Alzheimer's Disease	16	20.3	9	30.6	0	0.0	11	73.7
Major Cardiovascular Disease	315	399.4	108	367.3	40	382.8	51	341.7
--Diseases of the Heart	242	306.9	78	265.3	30	287.1	41	274.7
----Ischemic Heart Disease	139	176.3	55	187.0	19	181.8	25	167.5
--Essential Hypertension and Hypertensive Renal Disease	11	13.9	4	13.6	1	9.6	2	13.4
--Cerebrovascular Diseases (Stroke)	56	71.0	23	78.2	8	76.6	8	53.6
--Arteriosclerosis	0	0.0	0	0.0	1	9.6	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	6	7.6	3	10.2	0	0.0	0	0.0
Influenza and Pneumonia	11	13.9	8	27.2	2	19.1	2	13.4
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	11	13.9	8	27.2	2	19.1	2	13.4
Chronic Lower Respiratory Diseases	77	97.6	21	71.4	5	47.9	15	100.5
--Bronchitis, Emphysema and Asthma	7	8.9	1	3.4	0	0.0	2	13.4
Lung Diseases due to External Agents	19	24.1	2	6.8	0	0.0	4	26.8
--Coal Worker's Pneumoconiosis	18	22.8	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	15	19.0	4	13.6	1	9.6	2	13.4
Nephritis, Nephrotic Syndrome and Nephrosis	19	24.1	1	3.4	1	9.6	4	26.8
Congenital Malformations	4	5.1	1	3.4	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	11	13.9	5	17.0	0	0.0	3	20.1
Accidents, All Forms	85	107.8	13	44.2	6	57.4	7	46.9
--Motor Vehicle	9	11.4	6	20.4	1	9.6	4	26.8
--Falls	8	10.1	5	17.0	2	19.1	1	6.7
--Drownings	1	1.3	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	1	1.3	1	3.4	0	0.0	1	6.7
--Poisonings	43	54.5	1	3.4	1	9.6	1	6.7
--Other Accidents	23	29.2	0	0.0	2	19.1	0	0.0
Intentional Self-Harm (Suicide)	10	12.7	4	13.6	3	28.7	1	6.7
Assault (Homicide)	7	8.9	1	3.4	0	0.0	1	6.7
Injury Undetermined Whether Accidental or Purposely Inflicted	11	13.9	1	3.4	0	0.0	3	20.1
All Other Causes (Residual)	119	150.9	42	142.8	15	143.6	15	100.5

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2010
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Summers		Taylor		Tucker		Tyler	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	1	5.6	0	0.0	1	12.5
Total Deaths, All Causes	207	14.9	199	11.8	92	12.9	127	13.8
--Deaths Under One Year	1	9.3	1	5.6	2	29.4	1	12.5
--Deaths Under 28 Days	1	9.3	1	5.6	2	29.4	1	12.5
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	3	21.5	1	5.9	3	42.0	1	10.9
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	50	359.0	38	224.9	17	238.1	35	380.1
--of Digestive Organs	15	107.7	3	17.8	3	42.0	4	43.4
----Colon	5	35.9	0	0.0	2	28.0	2	21.7
----Pancreas	7	50.3	2	11.8	1	14.0	1	10.9
--of Respiratory and Intrathoracic Organs	16	114.9	14	82.9	6	84.0	13	141.2
----Trachea, Bronchus and Lung	14	100.5	14	82.9	6	84.0	13	141.2
--of Breast	4	28.7	1	5.9	0	0.0	0	0.0
--of Genitourinary Organs	4	28.7	9	53.3	3	42.0	9	97.7
----Cervix Uteri	0	0.0	0	0.0	1	14.0	0	0.0
----Ovary	0	0.0	1	5.9	1	14.0	1	10.9
----Prostate	0	0.0	3	17.8	0	0.0	3	32.6
----Bladder	1	7.2	1	5.9	1	14.0	2	21.7
--All Other (Malignant Neoplasms)	11	79.0	11	65.1	5	70.0	9	97.7
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	2	14.4	3	17.8	0	0.0	2	21.7
Diabetes Mellitus	9	64.6	7	41.4	4	56.0	2	21.7
Dementia	7	50.3	4	23.7	2	28.0	2	21.7
Alzheimer's Disease	3	21.5	11	65.1	2	28.0	5	54.3
Major Cardiovascular Disease	61	438.0	59	349.2	33	462.1	40	434.4
--Diseases of the Heart	45	323.1	37	219.0	23	322.1	32	347.5
----Ischemic Heart Disease	34	244.1	24	142.1	19	266.1	22	238.9
--Essential Hypertension and Hypertensive Renal Disease	2	14.4	2	11.8	1	14.0	1	10.9
--Cerebrovascular Diseases (Stroke)	12	86.2	7	41.4	8	112.0	7	76.0
--Arteriosclerosis	1	7.2	13	76.9	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	1	7.2	0	0.0	1	14.0	0	0.0
Influenza and Pneumonia	1	7.2	3	17.8	2	28.0	1	10.9
--Influenza	0	0.0	0	0.0	1	14.0	0	0.0
--Pneumonia	1	7.2	3	17.8	1	14.0	1	10.9
Chronic Lower Respiratory Diseases	12	86.2	18	106.5	8	112.0	4	43.4
--Bronchitis, Emphysema and Asthma	1	7.2	2	11.8	1	14.0	0	0.0
Lung Diseases due to External Agents	2	14.4	0	0.0	1	14.0	1	10.9
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	1	14.0	0	0.0
Chronic Liver Disease and Cirrhosis	2	14.4	5	29.6	0	0.0	2	21.7
Nephritis, Nephrotic Syndrome and Nephrosis	4	28.7	5	29.6	0	0.0	4	43.4
Congenital Malformations	1	7.2	1	5.9	0	0.0	1	10.9
III-Defined and Unknown Causes of Death	2	14.4	2	11.8	0	0.0	1	10.9
Accidents, All Forms	12	86.2	13	76.9	4	56.0	5	54.3
--Motor Vehicle	1	7.2	2	11.8	2	28.0	1	10.9
--Falls	1	7.2	2	11.8	2	28.0	2	21.7
--Drownings	0	0.0	1	5.9	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	1	5.9	0	0.0	0	0.0
--Poisonings	9	64.6	4	23.7	0	0.0	2	21.7
--Other Accidents	1	7.2	3	17.8	0	0.0	0	0.0
Intentional Self-Harm (Suicide)	2	14.4	5	29.6	1	14.0	2	21.7
Assault (Homicide)	1	7.2	0	0.0	1	14.0	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	5	35.9	1	5.9	0	0.0	0	0.0
All Other Causes (Residual)	28	201.0	23	136.1	14	196.1	19	206.3

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2010
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Upshur		Wayne		Webster		Wetzel	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	4	10.9	0	0.0	1	5.9
Total Deaths, All Causes	258	10.6	482	11.3	98	10.7	215	13.0
--Deaths Under One Year	1	3.7	2	5.5	0	0.0	0	0.0
--Deaths Under 28 Days	1	3.7	0	0.0	0	0.0	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	6	24.7	4	9.4	1	10.9	4	24.1
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	48	197.9	109	256.6	20	218.5	50	301.5
--of Digestive Organs	13	53.6	22	51.8	3	32.8	8	48.2
----Colon	2	8.2	4	9.4	1	10.9	1	6.0
----Pancreas	1	4.1	5	11.8	2	21.8	2	12.1
--of Respiratory and Intrathoracic Organs	16	66.0	45	105.9	6	65.5	19	114.6
----Trachea, Bronchus and Lung	14	57.7	42	98.9	6	65.5	19	114.6
--of Breast	5	20.6	4	9.4	2	21.8	5	30.2
--of Genitourinary Organs	4	16.5	18	42.4	3	32.8	5	30.2
----Cervix Uteri	0	0.0	0	0.0	1	10.9	0	0.0
----Ovary	2	8.2	2	4.7	0	0.0	0	0.0
----Prostate	0	0.0	7	16.5	0	0.0	2	12.1
----Bladder	0	0.0	3	7.1	0	0.0	2	12.1
--All Other (Malignant Neoplasms)	10	41.2	20	47.1	6	65.5	13	78.4
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	3	12.4	5	11.8	0	0.0	1	6.0
Diabetes Mellitus	15	61.8	17	40.0	2	21.8	6	36.2
Dementia	11	45.4	25	58.8	1	10.9	1	6.0
Alzheimer's Disease	8	33.0	14	33.0	0	0.0	3	18.1
Major Cardiovascular Disease	80	329.8	125	294.2	30	327.7	59	355.8
--Diseases of the Heart	56	230.9	98	230.7	22	240.3	51	307.5
----Ischemic Heart Disease	33	136.1	57	134.2	12	131.1	40	241.2
--Essential Hypertension and Hypertensive Renal Disease	3	12.4	5	11.8	2	21.8	2	12.1
--Cerebrovascular Diseases (Stroke)	19	78.3	20	47.1	6	65.5	6	36.2
--Arteriosclerosis	0	0.0	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	2	8.2	2	4.7	0	0.0	0	0.0
Influenza and Pneumonia	9	37.1	6	14.1	4	43.7	5	30.2
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	9	37.1	6	14.1	4	43.7	5	30.2
Chronic Lower Respiratory Diseases	28	115.4	42	98.9	11	120.2	16	96.5
--Bronchitis, Emphysema and Asthma	1	4.1	5	11.8	0	0.0	1	6.0
Lung Diseases due to External Agents	1	4.1	3	7.1	3	32.8	0	0.0
--Coal Worker's Pneumoconiosis	1	4.1	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	1	4.1	3	7.1	1	10.9	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis	1	4.1	9	21.2	1	10.9	9	54.3
Congenital Malformations	0	0.0	1	2.4	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	0	0.0	11	25.9	0	0.0	3	18.1
Accidents, All Forms	11	45.4	37	87.1	8	87.4	9	54.3
--Motor Vehicle	5	20.6	5	11.8	4	43.7	4	24.1
--Falls	2	8.2	7	16.5	0	0.0	2	12.1
--Drownings	2	8.2	1	2.4	0	0.0	1	6.0
--Smoke, Fires and Flames	1	4.1	2	4.7	0	0.0	0	0.0
--Poisonings	1	4.1	19	44.7	4	43.7	1	6.0
--Other Accidents	0	0.0	3	7.1	0	0.0	1	6.0
Intentional Self-Harm (Suicide)	10	41.2	5	11.8	1	10.9	1	6.0
Assault (Homicide)	1	4.1	1	2.4	1	10.9	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	2	8.2	1	2.4	2	21.8	0	0.0
All Other Causes (Residual)	23	94.8	64	150.7	12	131.1	48	289.5

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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 unless otherwise noted.

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2010
Table 61 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Wirt		Wood		Wyoming		Total	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	2	2.1	3	11.4	83	4.1
Total Deaths, All Causes	61	10.7	989	11.4	320	13.4	21,278	11.5
--Deaths Under One Year	1	14.9	8	8.3	4	15.2	150	7.3
--Deaths Under 28 Days	1	14.9	3	3.1	2	7.6	82	4.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	0	0.0	17	19.6	7	29.4	321	17.3
Human Immunodeficiency Virus Infection	0	0.0	1	1.2	0	0.0	12	0.6
Malignant Neoplasms	17	297.4	219	251.9	60	252.1	4,659	251.4
--of Digestive Organs	6	105.0	56	64.4	12	50.4	969	52.3
----Colon	3	52.5	20	23.0	2	8.4	303	16.4
----Pancreas	1	17.5	16	18.4	3	12.6	215	11.6
--of Respiratory and Intrathoracic Organs	6	105.0	72	82.8	16	67.2	1,583	85.4
----Trachea, Bronchus and Lung	4	70.0	69	79.4	16	67.2	1,530	82.6
--of Breast	0	0.0	19	21.9	1	4.2	276	14.9
--of Genitourinary Organs	3	52.5	19	21.9	11	46.2	625	33.7
----Cervix Uteri	0	0.0	1	1.2	1	4.2	30	1.6
----Ovary	0	0.0	2	2.3	1	4.2	103	5.6
----Prostate	0	0.0	7	8.1	5	21.0	175	9.4
----Bladder	1	17.5	2	2.3	1	4.2	107	5.8
--All Other (Malignant Neoplasms)	2	35.0	53	61.0	20	84.0	1,206	65.1
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	7	8.1	0	0.0	111	6.0
Diabetes Mellitus	3	52.5	38	43.7	10	42.0	778	42.0
Dementia	0	0.0	19	21.9	6	25.2	886	47.8
Alzheimer's Disease	2	35.0	25	28.8	5	21.0	594	32.1
Major Cardiovascular Disease	23	402.3	368	423.2	96	403.4	6,517	351.7
--Diseases of the Heart	16	279.9	293	337.0	80	336.2	4,899	264.4
----Ischemic Heart Disease	6	105.0	148	170.2	56	235.3	3,137	169.3
--Essential Hypertension and Hypertensive Renal Disease	1	17.5	7	8.1	2	8.4	270	14.6
--Cerebrovascular Diseases (Stroke)	3	52.5	54	62.1	13	54.6	1,112	60.0
--Arteriosclerosis	0	0.0	4	4.6	0	0.0	72	3.9
--Other Diseases of Arteries, Arterioles and Capillaries	3	52.5	10	11.5	1	4.2	164	8.9
Influenza and Pneumonia	0	0.0	26	29.9	4	16.8	416	22.5
--Influenza	0	0.0	0	0.0	0	0.0	1	0.1
--Pneumonia	0	0.0	26	29.9	4	16.8	415	22.4
Chronic Lower Respiratory Diseases	0	0.0	57	65.6	32	134.5	1,493	80.6
--Bronchitis, Emphysema and Asthma	0	0.0	6	6.9	2	8.4	119	6.4
Lung Diseases due to External Agents	3	52.5	5	5.8	9	37.8	201	10.8
--Coal Worker's Pneumoconiosis	1	17.5	0	0.0	6	25.2	74	4.0
Chronic Liver Disease and Cirrhosis	0	0.0	15	17.3	2	8.4	238	12.8
Nephritis, Nephrotic Syndrome and Nephrosis	0	0.0	21	24.2	6	25.2	428	23.1
Congenital Malformations	0	0.0	5	5.8	1	4.2	69	3.7
III-Defined and Unknown Causes of Death	0	0.0	6	6.9	6	25.2	262	14.1
Accidents, All Forms	1	17.5	40	46.0	39	163.9	1,265	68.3
--Motor Vehicle	1	17.5	12	13.8	10	42.0	313	16.9
--Falls	0	0.0	14	16.1	2	8.4	221	11.9
--Drownings	0	0.0	0	0.0	0	0.0	33	1.8
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	18	1.0
--Poisonings	0	0.0	5	5.8	24	100.9	492	26.6
--Other Accidents	0	0.0	9	10.4	3	12.6	188	10.1
Intentional Self-Harm (Suicide)	2	35.0	13	15.0	7	29.4	294	15.9
Assault (Homicide)	0	0.0	3	3.5	2	8.4	91	4.9
Injury Undetermined Whether Accidental or Purposely Inflicted	1	17.5	2	2.3	2	8.4	130	7.0
All Other Causes (Residual)	9	157.4	102	117.3	26	109.3	2,513	135.6

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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 unless otherwise noted.

Marriages by Month of Occurrence
West Virginia by County, 2010
Table 62

County	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Barbour	6	5	4	3	13	11	16	12	11	14	5	6	106
Berkeley	20	25	28	46	56	61	50	47	54	74	23	45	529
Boone	11	14	6	9	11	21	16	16	20	13	13	20	170
Braxton	1	3	5	7	9	16	16	16	12	12	9	3	109
Brooke	2	6	11	7	11	21	23	20	20	14	6	7	148
Cabell	30	29	38	32	71	71	76	65	51	80	40	37	620
Calhoun	0	1	1	3	5	8	4	6	7	13	5	2	55
Clay	2	4	3	11	6	10	13	5	4	8	6	9	81
Doddridge	0	0	0	6	2	4	4	6	1	6	5	2	36
Fayette	18	26	30	25	31	49	29	37	31	38	22	25	361
Gilmer	1	2	1	5	5	8	8	4	4	8	3	5	54
Grant	4	5	6	6	9	14	14	5	10	16	4	4	97
Greenbrier	10	11	14	19	23	27	27	32	16	41	10	13	243
Hampshire	3	2	2	3	12	15	11	11	11	16	4	5	95
Hancock	10	5	14	11	13	22	25	17	19	17	11	8	172
Hardy	4	7	9	7	14	14	16	7	9	6	1	10	104
Harrison	25	23	26	32	33	62	54	51	52	66	32	33	489
Jackson	10	14	12	18	26	19	24	20	16	32	20	10	221
Jefferson	7	12	10	15	45	34	25	28	36	40	12	19	283
Kanawha	72	75	89	88	145	153	155	127	123	174	77	95	1,373
Lewis	8	8	8	4	17	19	17	12	12	19	7	10	141
Lincoln	8	12	10	10	8	21	18	15	15	21	10	11	159
Logan	18	15	14	20	27	30	34	35	25	25	5	24	272
McDowell	9	12	18	11	18	25	25	18	21	18	13	5	193
Marion	11	15	19	25	48	61	72	48	38	36	25	31	429
Marshall	5	14	16	19	23	26	16	26	24	26	13	12	220
Mason	10	10	13	11	14	22	26	16	22	22	15	18	199
Mercer	23	29	29	31	56	55	50	48	36	39	27	22	445
Mineral	7	12	12	8	15	25	27	11	18	17	9	10	171
Mingo	9	12	15	19	26	28	23	21	17	30	16	17	233
Monongalia	30	30	22	41	77	82	81	72	54	79	23	39	630
Monroe	2	2	3	3	5	9	8	9	6	14	4	6	71
Morgan	5	7	8	5	12	16	12	14	15	20	7	12	133
Nicholas	7	12	19	9	26	34	28	23	26	26	8	19	237
Ohio	5	10	14	24	42	43	48	54	34	41	15	18	348
Pendleton	2	1	4	2	5	7	9	1	4	8	4	1	48
Pleasants	2	1	6	2	8	1	5	5	5	6	5	3	49
Pocahontas	5	6	6	1	8	11	7	11	6	6	1	3	71
Preston	4	4	13	15	12	25	31	34	21	25	9	8	201
Putnam	11	20	20	35	36	46	43	37	26	45	18	20	357
Raleigh	27	28	39	44	59	74	68	83	67	61	51	34	635
Randolph	11	12	13	14	18	27	27	19	19	29	10	14	213
Ritchie	2	1	4	4	2	8	10	6	3	13	2	4	59
Roane	4	6	4	6	10	16	10	8	8	9	3	13	97
Summers	4	2	6	2	7	7	8	9	8	13	4	8	78
Taylor	4	4	6	8	9	13	7	11	9	13	3	6	93
Tucker	4	0	2	3	7	13	11	10	5	10	1	4	70
Tyler	3	6	4	5	5	13	10	6	7	6	7	11	83
Upshur	10	5	8	20	14	15	47	19	12	31	13	12	206
Wayne	6	14	12	17	13	24	28	24	18	18	12	13	199
Webster	2	4	6	6	10	10	11	5	5	8	7	3	77
Wetzel	2	5	5	6	15	17	15	14	12	17	3	8	119
Wirt	2	1	3	1	7	4	3	2	6	8	3	2	42
Wood	31	28	36	43	55	64	73	63	53	73	25	32	576
Wyoming	6	16	10	17	12	17	19	20	11	14	13	7	162
Total	535	633	736	844	1,266	1,548	1,533	1,341	1,175	1,534	699	818	12,662

West Virginia Bureau for Public Health
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Number of Marriages by County
West Virginia, 2006-2010
Table 63

County	2006	2007	2008	2009	2010	County	2006	2007	2008	2009	2010
Barbour	104	126	116	76	106	Monongalia	601	569	590	619	630
Berkeley	552	544	564	481	529	Monroe	82	74	95	70	71
Boone	244	209	208	201	170	Morgan	109	126	106	104	133
Braxton	136	118	112	97	109	Nicholas	240	213	231	227	237
Brooke	185	162	150	157	148	Ohio	418	414	344	332	348
Cabell	658	663	654	622	620	Pendleton	52	53	57	42	48
Calhoun	71	60	71	72	55	Pleasants	61	65	49	47	49
Clay	66	84	98	97	81	Pocahontas	66	56	75	70	71
Doddridge	45	41	60	45	36	Preston	217	211	199	190	201
Fayette	408	386	395	333	361	Putnam	361	384	337	353	357
Gilmer	65	63	71	67	54	Raleigh	598	661	598	554	635
Grant	92	84	89	77	97	Randolph	184	159	218	208	213
Greenbrier	243	241	264	236	243	Ritchie	67	71	65	53	59
Hampshire	107	120	98	101	95	Roane	149	139	134	102	97
Hancock	214	202	203	179	172	Summers	106	65	75	74	78
Hardy	83	75	77	85	104	Taylor	87	92	116	92	93
Harrison	491	539	533	484	489	Tucker	55	60	72	60	70
Jackson	199	226	219	191	221	Tyler	60	56	53	58	83
Jefferson	314	316	259	252	283	Upshur	225	228	200	180	206
Kanawha	1,358	1,360	1,439	1,352	1,373	Wayne	208	209	216	223	199
Lewis	145	168	146	114	141	Webster	77	74	68	78	77
Lincoln	175	163	150	163	159	Wetzel	140	118	118	114	119
Logan	348	268	263	330	272	Wirt	47	42	35	39	42
McDowell	176	179	174	168	193	Wood	730	731	668	628	576
Marion	413	455	383	435	429	Wyoming	157	213	220	190	162
Marshall	233	243	225	205	220	Total	13,276	13,308	13,025	12,468	12,662
Mason	208	205	192	178	199						
Mercer	432	530	461	525	445						
Mineral	155	154	171	168	171						
Mingo	259	241	241	270	233						

West Virginia Bureau for Public Health
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Divorces and Annulments by County of Occurrence
West Virginia, 2010
Table 64

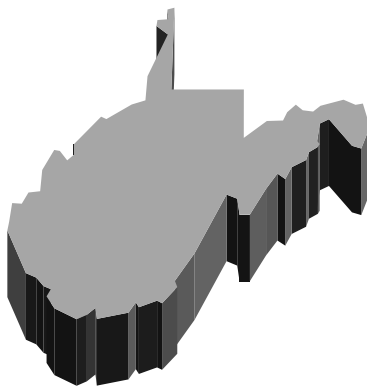
County	Number of Divorces	Number of Annulments	Total	County	Number of Divorces	Number of Annulments	Total
Barbour	73	0	73	Monongalia	263	0	263
Berkeley	391	0	391	Monroe	80	0	80
Boone	165	0	165	Morgan	69	0	69
Braxton	63	0	63	Nicholas	223	0	223
Brooke	107	0	107	Ohio	149	0	149
Cabell	511	0	511	Pendleton	37	0	37
Calhoun	48	0	48	Pleasants	43	0	43
Clay	72	1	73	Pocahontas	41	1	42
Doddridge	29	0	29	Preston	139	0	139
Fayette	248	0	248	Putnam	292	0	292
Gilmer	30	0	30	Raleigh	462	1	463
Grant	65	0	65	Randolph	92	0	92
Greenbrier	190	0	190	Ritchie	37	2	39
Hampshire	121	0	121	Roane	81	0	81
Hancock	126	1	127	Summers	72	0	72
Hardy	76	0	76	Taylor	92	0	92
Harrison	305	0	305	Tucker	32	0	32
Jackson	164	1	165	Tyler	54	0	54
Jefferson	221	0	221	Upshur	119	0	119
Kanawha	1,073	1	1,074	Wayne	255	0	255
Lewis	84	0	84	Webster	60	0	60
Lincoln	139	1	140	Wetzel	80	0	80
Logan	206	0	206	Wirt	34	0	34
McDowell	142	1	143	Wood	485	1	486
Marion	242	0	242	Wyoming	146	0	146
Marshall	141	1	142				
Mason	207	1	208				
Mercer	383	0	383	Total	9,417	14	9,431
Mineral	139	1	140				
Mingo	219	0	219				

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Divorces and Annulments by County of Occurrence
West Virginia, 2006-2010
Table 65

County	2006	2007	2008	2009	2010	County	2006	2007	2008	2009	2010
Barbour	65	63	106	63	73	Monongalia	240	213	251	257	263
Berkeley	458	348	354	386	391	Monroe	69	70	80	95	80
Boone	148	146	166	185	165	Morgan	79	79	60	82	69
Braxton	75	55	73	63	63	Nicholas	149	157	152	205	223
Brooke	107	97	100	90	107	Ohio	129	125	144	116	149
Cabell	460	412	440	483	511	Pendleton	32	31	24	22	37
Calhoun	57	34	47	36	48	Pleasants	39	49	34	38	43
Clay	59	64	55	94	73	Pocahontas	44	36	56	39	42
Doddridge	41	51	36	32	29	Preston	137	117	125	146	139
Fayette	227	304	278	283	248	Putnam	253	303	355	325	292
Gilmer	30	26	31	37	30	Raleigh	414	417	401	439	463
Grant	71	61	49	67	65	Randolph	134	128	48	109	92
Greenbrier	207	156	180	217	190	Ritchie	45	50	64	50	39
Hampshire	98	93	117	108	121	Roane	87	88	88	80	81
Hancock	126	132	129	138	127	Summers	75	78	107	71	72
Hardy	77	84	73	60	76	Taylor	95	83	91	63	92
Harrison	277	341	304	364	305	Tucker	35	27	27	37	32
Jackson	157	150	105	134	165	Tyler	52	54	35	47	54
Jefferson	216	221	241	241	221	Upshur	131	127	128	113	119
Kanawha	965	1,122	1,026	1,129	1,074	Wayne	304	288	241	243	255
Lewis	105	108	102	103	84	Webster	61	59	45	105	60
Lincoln	128	116	87	164	140	Wetzel	89	109	82	68	80
Logan	234	210	224	274	206	Wirt	37	30	29	27	34
McDowell	167	189	147	86	143	Wood	471	462	321	398	486
Marion	280	246	273	176	242	Wyoming	155	154	158	184	146
Marshall	159	203	134	127	142	Total	9,191	9,305	8,903	9,420	9,431
Mason	126	167	119	148	208						
Mercer	408	416	425	439	383						
Mineral	92	143	117	128	140						
Mingo	215	213	219	206	219						

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West Virginia Vital Statistics
City-Level Data

Number and Rate of Births by City of Residence
West Virginia, 2010
Table 66

30 Most Populated Cities	2010 Census Population*	Resident Births	Rate per 1,000 Population
Beckley	17,614	370	21.0
Bluefield	10,447	170	16.3
Bridgeport	8,149	65	8.0
Buckhannon	5,639	78	13.8
Charles Town	5,259	41	7.8
Charleston	51,400	792	15.4
Clarksburg	16,578	251	15.1
Dunbar	7,907	88	11.1
Elkins	7,094	91	12.8
Fairmont	18,704	312	16.7
Grafton	5,164	70	13.6
Huntington	49,138	649	13.2
Hurricane	6,284	152	24.2
Keyser	5,439	63	11.6
Martinsburg	17,227	444	25.8
Morgantown	29,660	407	13.7
Moundsville	9,318	117	12.6
New Martinsville	5,366	48	8.9
Nitro	7,178	95	13.2
Oak Hill	7,730	138	17.9
Parkersburg	31,492	514	16.3
Point Pleasant	4,350	53	12.2
Princeton	6,432	101	15.7
Ranson	4,440	54	12.2
Saint Albans	11,044	208	18.8
South Charleston	13,450	159	11.8
Vienna	10,749	98	9.1
Weirton	19,746	181	9.2
Weston	4,110	47	11.4
Wheeling	28,486	360	12.6

*Decennial Census of the Population for Incorporated Places in WV:

Source: Population Division, U.S. Census Bureau - Release Date: April 1, 2010

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Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2010
Table 67

Selected Causes of Death	Number and Rate by City									
	Beckley		Bluefield		Bridgeport		Buckhannon		Charles Town	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	2	5.4	0	0.0	0	0.0	0	0.0	0	0.0
Total Deaths, All Causes	356	20.2	157	15.0	109	13.4	94	16.7	41	7.8
--Deaths Under One Year	3	8.1	2	11.8	0	0.0	0	0.0	1	24.4
--Deaths Under 28 Days	1	2.7	1	5.9	0	0.0	0	0.0	1	24.4
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	3	17.0	5	47.9	2	24.5	3	53.2	0	0.0
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	65	369.0	29	277.6	19	233.2	13	230.5	10	190.2
--of Digestive Organs	11	62.5	4	38.3	5	61.4	3	53.2	0	0.0
----Colon	6	34.1	3	28.7	1	12.3	0	0.0	0	0.0
----Pancreas	1	5.7	0	0.0	0	0.0	0	0.0	0	0.0
--of Respiratory and Intrathoracic Organs	18	102.2	14	134.0	7	85.9	4	70.9	4	76.1
----Trachea, Bronchus and Lung	17	96.5	12	114.9	7	85.9	3	53.2	4	76.1
--of Breast	6	34.1	1	9.6	1	12.3	2	35.5	2	38.0
--of Genitourinary Organs	9	51.1	4	38.3	2	24.5	0	0.0	2	38.0
----Cervix Uteri	1	5.7	2	19.1	0	0.0	0	0.0	0	0.0
----Ovary	2	11.4	0	0.0	0	0.0	0	0.0	0	0.0
----Prostate	1	5.7	1	9.6	0	0.0	0	0.0	1	19.0
----Bladder	1	5.7	1	9.6	1	12.3	0	0.0	1	19.0
--All Other (Malignant Neoplasms)	21	119.2	6	57.4	4	49.1	4	70.9	2	38.0
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	2	11.4	0	0.0	1	12.3	0	0.0	0	0.0
Diabetes Mellitus	17	96.5	4	38.3	3	36.8	4	70.9	2	38.0
Dementia	15	85.2	16	153.2	3	36.8	8	141.9	3	57.0
Alzheimer's Disease	4	22.7	0	0.0	8	98.2	4	70.9	1	19.0
Major Cardiovascular Disease	115	652.9	51	488.2	34	417.2	33	585.2	13	247.2
--Diseases of the Heart	89	505.3	37	354.2	22	270.0	23	407.9	13	247.2
----Ischemic Heart Disease	53	300.9	23	220.2	12	147.3	13	230.5	11	209.2
----Essential Hypertension and Hypertensive Renal Disease	6	34.1	3	28.7	5	61.4	1	17.7	0	0.0
----Cerebrovascular Diseases (Stroke)	17	96.5	7	67.0	5	61.4	7	124.1	0	0.0
--Arteriosclerosis	0	0.0	1	9.6	2	24.5	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	3	17.0	3	28.7	0	0.0	2	35.5	0	0.0
Influenza and Pneumonia	3	17.0	3	28.7	5	61.4	4	70.9	0	0.0
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	3	17.0	3	28.7	5	61.4	4	70.9	0	0.0
Chronic Lower Respiratory Diseases	33	187.4	5	47.9	6	73.6	11	195.1	2	38.0
--Bronchitis, Emphysema and Asthma	3	17.0	1	9.6	0	0.0	0	0.0	0	0.0
Lung Diseases due to External Agents	5	28.4	4	38.3	2	24.5	0	0.0	0	0.0
--Coal Worker's Pneumoconiosis	5	28.4	2	19.1	1	12.3	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	5	28.4	1	9.6	0	0.0	0	0.0	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis	7	39.7	3	28.7	0	0.0	1	17.7	1	19.0
Congenital Malformations	1	5.7	0	0.0	0	0.0	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	4	22.7	4	38.3	1	12.3	0	0.0	0	0.0
Accidents, All Forms	29	164.6	6	57.4	4	49.1	4	70.9	3	57.0
--Motor Vehicle	1	5.7	2	19.1	0	0.0	0	0.0	2	38.0
--Falls	3	17.0	0	0.0	1	12.3	1	17.7	0	0.0
--Drownings	0	0.0	0	0.0	0	0.0	2	35.5	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
--Poisonings	18	102.2	3	28.7	2	24.5	1	17.7	0	0.0
--Other Accidents	7	39.7	1	9.6	1	12.3	0	0.0	1	19.0
Intentional Self-Harm (Suicide)	3	17.0	3	28.7	1	12.3	3	53.2	0	0.0
Assault (Homicide)	3	17.0	2	19.1	0	0.0	1	17.7	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	7	39.7	0	0.0	1	12.3	0	0.0	0	0.0
All Other Causes (Residual)	35	198.7	21	201.0	19	233.2	5	88.7	6	114.1

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

Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2010
Table 67 (Cont'd)

Selected Causes of Death	Number and Rate by City									
	Charleston		Clarksburg		Dunbar		Elkins		Fairmont	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	3	3.8	0	0.0	0	0.0	0	0.0	4	12.8
Total Deaths, All Causes	756	14.7	261	15.7	111	14.0	86	12.1	266	14.2
--Deaths Under One Year	1	1.3	1	4.0	0	0.0	1	11.0	1	3.2
--Deaths Under 28 Days	0	0.0	0	0.0	0	0.0	1	11.0	1	3.2
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	11	21.4	2	12.1	0	0.0	2	28.2	3	16.0
Human Immunodeficiency Virus Infection	4	7.8	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	158	307.4	57	343.8	32	404.7	13	183.3	63	336.8
--of Digestive Organs	40	77.8	12	72.4	11	139.1	3	42.3	13	69.5
----Colon	10	19.5	2	12.1	6	75.9	1	14.1	5	26.7
----Pancreas	10	19.5	3	18.1	2	25.3	2	28.2	3	16.0
--of Respiratory and Intrathoracic Organs	47	91.4	17	102.5	6	75.9	3	42.3	24	128.3
----Trachea, Bronchus and Lung	46	89.5	15	90.5	6	75.9	3	42.3	24	128.3
--of Breast	6	11.7	4	24.1	1	12.6	0	0.0	5	26.7
--of Genitourinary Organs	27	52.5	8	48.3	5	63.2	4	56.4	8	42.8
----Cervix Uteri	0	0.0	0	0.0	1	12.6	1	14.1	0	0.0
----Ovary	4	7.8	1	6.0	1	12.6	1	14.1	1	5.3
----Prostate	7	13.6	2	12.1	2	25.3	0	0.0	3	16.0
----Bladder	5	9.7	3	18.1	0	0.0	0	0.0	1	5.3
--All Other (Malignant Neoplasms)	38	73.9	16	96.5	9	113.8	3	42.3	13	69.5
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	3	5.8	1	6.0	2	25.3	0	0.0	1	5.3
Diabetes Mellitus	32	62.3	14	84.4	2	25.3	1	14.1	8	42.8
Dementia	65	126.5	7	42.2	9	113.8	5	70.5	14	74.9
Alzheimer's Disease	16	31.1	6	36.2	5	63.2	1	14.1	8	42.8
Major Cardiovascular Disease	210	408.6	95	573.0	31	392.1	35	493.4	84	449.1
--Diseases of the Heart	153	297.7	68	410.2	22	278.2	28	394.7	63	336.8
----Ischemic Heart Disease	91	177.0	46	277.5	13	164.4	20	281.9	47	251.3
--Essential Hypertension and Hypertensive Renal Disease	8	15.6	4	24.1	1	12.6	2	28.2	2	10.7
--Cerebrovascular Diseases (Stroke)	44	85.6	20	120.6	7	88.5	3	42.3	14	74.9
--Arteriosclerosis	0	0.0	1	6.0	0	0.0	0	0.0	1	5.3
--Other Diseases of Arteries, Arterioles and Capillaries	5	9.7	2	12.1	1	12.6	2	28.2	4	21.4
Influenza and Pneumonia	7	13.6	6	36.2	2	25.3	4	56.4	4	21.4
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	7	13.6	6	36.2	2	25.3	4	56.4	4	21.4
Chronic Lower Respiratory Diseases	51	99.2	17	102.5	5	63.2	4	56.4	25	133.7
--Bronchitis, Emphysema and Asthma	6	11.7	3	18.1	0	0.0	0	0.0	5	26.7
Lung Diseases due to External Agents	5	9.7	3	18.1	0	0.0	0	0.0	5	26.7
--Coal Worker's Pneumoconiosis	0	0.0	1	6.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	8	15.6	3	18.1	1	12.6	1	14.1	3	16.0
Nephritis, Nephrotic Syndrome and Nephrosis	12	23.3	4	24.1	1	12.6	0	0.0	7	37.4
Congenital Malformations	1	1.9	2	12.1	1	12.6	0	0.0	1	5.3
Ill-Defined and Unknown Causes of Death	8	15.6	1	6.0	2	25.3	0	0.0	2	10.7
Accidents, All Forms	46	89.5	11	66.4	2	25.3	2	28.2	6	32.1
--Motor Vehicle	8	15.6	1	6.0	0	0.0	0	0.0	0	0.0
--Falls	12	23.3	2	12.1	0	0.0	2	28.2	4	21.4
--Drownings	0	0.0	0	0.0	1	12.6	0	0.0	0	0.0
--Smoke, Fires and Flames	1	1.9	0	0.0	0	0.0	0	0.0	0	0.0
--Poisonings	21	40.9	6	36.2	1	12.6	0	0.0	2	10.7
--Other Accidents	4	7.8	2	12.1	0	0.0	0	0.0	0	0.0
Intentional Self-Harm (Suicide)	9	17.5	3	18.1	0	0.0	2	28.2	2	10.7
Assault (Homicide)	8	15.6	1	6.0	0	0.0	0	0.0	1	5.3
Injury Undetermined Whether Accidental or Purposely Inflicted	5	9.7	2	12.1	0	0.0	1	14.1	2	10.7
All Other Causes (Residual)	97	188.7	26	156.8	16	202.4	15	211.4	27	144.4

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

Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2010
Table 67 (Cont'd)

Selected Causes of Death	Number and Rate by City									
	Grafton		Huntington		Hurricane		Keyser		Martinsburg	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	6	9.2	0	0.0	0	0.0	0	0.0
Total Deaths, All Causes	76	14.7	653	13.3	92	14.6	49	9.0	215	12.5
--Deaths Under One Year	1	14.3	3	4.6	0	0.0	0	0.0	2	4.5
--Deaths Under 28 Days	1	14.3	2	3.1	0	0.0	0	0.0	2	4.5
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	0	0.0	10	20.4	0	0.0	0	0.0	4	23.2
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	18	348.6	117	238.1	21	334.2	13	239.0	59	342.5
--of Digestive Organs	1	19.4	19	38.7	3	47.7	4	73.5	11	63.9
----Colon	0	0.0	7	14.2	1	15.9	2	36.8	6	34.8
----Pancreas	1	19.4	5	10.2	1	15.9	2	36.8	0	0.0
--of Respiratory and Intrathoracic Organs	6	116.2	46	93.6	5	79.6	4	73.5	22	127.7
----Trachea, Bronchus and Lung	6	116.2	42	85.5	4	63.7	3	55.2	21	121.9
--of Breast	1	19.4	7	14.2	2	31.8	0	0.0	7	40.6
--of Genitourinary Organs	4	77.5	18	36.6	3	47.7	2	36.8	6	34.8
----Cervix Uteri	0	0.0	2	4.1	0	0.0	0	0.0	1	5.8
----Ovary	0	0.0	2	4.1	0	0.0	0	0.0	1	5.8
----Prostate	1	19.4	6	12.2	1	15.9	1	18.4	1	5.8
----Bladder	1	19.4	2	4.1	0	0.0	1	18.4	2	11.6
--All Other (Malignant Neoplasms)	6	116.2	27	54.9	8	127.3	3	55.2	13	75.5
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	1	19.4	4	8.1	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	4	77.5	26	52.9	2	31.8	3	55.2	8	46.4
Dementia	2	38.7	41	83.4	9	143.2	1	18.4	9	52.2
Alzheimer's Disease	2	154.9	21	42.7	2	31.8	2	36.8	8	46.4
Major Cardiovascular Disease	21	406.7	201	409.1	30	477.4	16	294.2	51	296.0
--Diseases of the Heart	13	251.7	153	311.4	22	350.1	13	239.0	41	238.0
----Ischemic Heart Disease	10	193.6	77	156.7	17	270.5	12	220.6	27	156.7
----Essential Hypertension and Hypertensive Renal Disease	0	0.0	7	14.2	1	15.9	0	0.0	1	5.8
--Cerebrovascular Diseases (Stroke)	2	38.7	34	69.2	7	111.4	3	55.2	8	46.4
Arteriosclerosis	6	116.2	1	2.0	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	0	0.0	6	12.2	0	0.0	0	0.0	1	5.8
Influenza and Pneumonia	0	0.0	16	32.6	1	15.9	1	18.4	5	29.0
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	0	0.0	16	32.6	1	15.9	1	18.4	5	29.0
Chronic Lower Respiratory Diseases	6	116.2	46	93.6	5	79.6	3	55.2	12	69.7
--Bronchitis, Emphysema and Asthma	1	19.4	6	12.2	1	15.9	0	0.0	0	0.0
Lung Diseases due to External Agents	0	0.0	4	8.1	0	0.0	0	0.0	0	0.0
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	9	18.3	0	0.0	0	0.0	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis	1	19.4	18	36.6	1	15.9	1	18.4	2	11.6
Congenital Malformations	0	0.0	2	4.1	0	0.0	0	0.0	2	11.6
Ill-Defined and Unknown Causes of Death	0	0.0	13	26.5	2	31.8	1	18.4	1	5.8
Accidents, All Forms	5	96.8	44	89.5	4	63.7	3	55.2	12	69.7
--Motor Vehicle	1	19.4	4	8.1	1	15.9	0	0.0	1	5.8
--Falls	2	38.7	11	22.4	1	15.9	1	18.4	3	17.4
--Drownings	0	0.0	2	4.1	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	1	2.0	0	0.0	2	36.8	0	0.0
--Poisonings	2	38.7	19	38.7	2	31.8	0	0.0	6	34.8
--Other Accidents	0	0.0	7	14.2	0	0.0	0	0.0	2	11.6
Intentional Self-Harm (Suicide)	1	19.4	9	18.3	0	0.0	0	0.0	1	5.8
Assault (Homicide)	0	0.0	2	4.1	1	15.9	1	18.4	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	3	6.1	0	0.0	1	18.4	3	17.4
All Other Causes (Residual)	9	174.3	67	136.4	13	206.9	3	55.2	37	214.8

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

West Virginia Bureau for Public Health
Health Statistics Center, 2013

Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2010
Table 67 (Cont'd)

Selected Causes of Death	Number and Rate by City									
	Morgantown		Moundsville		New Martinsville		Nitro		Oak Hill	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Deaths, All Causes	283	9.5	156	16.7	91	17.0	103	14.3	142	18.4
--Deaths Under One Year	4	9.8	0	0.0	0	0.0	1	10.5	2	14.5
--Deaths Under 28 Days	3	7.4	0	0.0	0	0.0	1	10.5	1	7.2
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	4	13.5	4	42.9	2	37.3	0	0.0	2	25.9
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	46	155.1	32	343.4	16	298.2	17	236.8	25	323.4
--of Digestive Organs	14	47.2	5	53.7	1	18.6	4	55.7	5	64.7
----Colon	7	23.6	1	10.7	0	0.0	0	0.0	3	38.8
----Pancreas	0	0.0	2	21.5	0	0.0	2	27.9	1	12.9
--of Respiratory and Intrathoracic Organs	11	37.1	10	107.3	8	149.1	3	41.8	7	90.6
----Trachea, Bronchus and Lung	11	37.1	10	107.3	8	149.1	3	41.8	7	90.6
--of Breast	3	10.1	4	42.9	3	55.9	2	27.9	2	25.9
--of Genitourinary Organs	3	10.1	6	64.4	2	37.3	3	41.8	1	12.9
----Cervix Uteri	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
----Ovary	0	0.0	1	10.7	0	0.0	0	0.0	0	0.0
----Prostate	0	0.0	1	10.7	1	18.6	2	27.9	0	0.0
----Bladder	0	0.0	0	0.0	1	18.6	0	0.0	0	0.0
--All Other (Malignant Neoplasms)	15	50.6	7	75.1	2	37.3	5	69.7	10	129.4
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	3	10.1	0	0.0	0	0.0	0	0.0	1	12.9
Diabetes Mellitus	7	23.6	5	53.7	4	74.5	10	139.3	11	142.3
Dementia	17	57.3	3	32.2	1	18.6	7	97.5	6	77.6
Alzheimer's Disease	11	37.1	7	75.1	0	0.0	5	69.7	3	38.8
Major Cardiovascular Disease	96	323.7	49	525.9	22	410.0	34	473.7	41	530.4
--Diseases of the Heart	80	269.7	39	418.5	17	316.8	23	320.4	29	375.2
----Ischemic Heart Disease	56	188.8	35	375.6	15	279.5	15	209.0	18	232.9
--Essential Hypertension and Hypertensive Renal Disease	2	6.7	3	32.2	1	18.6	2	27.9	3	38.8
--Cerebrovascular Diseases (Stroke)	12	40.5	6	64.4	4	74.5	7	97.5	7	90.6
--Arteriosclerosis	0	0.0	1	10.7	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	2	6.7	0	0.0	0	0.0	2	27.9	2	25.9
Influenza and Pneumonia	2	6.7	4	42.9	3	55.9	2	27.9	2	25.9
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	2	6.7	4	42.9	3	55.9	2	27.9	2	25.9
Chronic Lower Respiratory Diseases	23	77.5	12	128.8	9	167.7	5	69.7	9	116.4
--Bronchitis, Emphysema and Asthma	1	3.4	2	21.5	0	0.0	0	0.0	0	0.0
Lung Diseases due to External Agents	2	6.7	0	0.0	0	0.0	0	0.0	3	38.8
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0	2	25.9
Chronic Liver Disease and Cirrhosis	4	13.5	2	21.5	0	0.0	0	0.0	3	38.8
Nephritis, Nephrotic Syndrome and Nephrosis	9	30.3	6	64.4	5	93.2	1	13.9	1	12.9
Congenital Malformations	2	6.7	0	0.0	0	0.0	1	13.9	2	25.9
Ill-Defined and Unknown Causes of Death	4	13.5	1	10.7	0	0.0	2	27.9	0	0.0
Accidents, All Forms	16	53.9	7	75.1	4	74.5	4	55.7	7	90.6
--Motor Vehicle	2	6.7	0	0.0	3	55.9	1	13.9	3	38.8
--Falls	5	16.9	0	0.0	1	18.6	1	13.9	1	12.9
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	1	3.4	1	10.7	0	0.0	0	0.0	0	0.0
--Poisonings	4	13.5	6	64.4	0	0.0	2	27.9	1	12.9
--Other Accidents	4	13.5	0	0.0	0	0.0	0	0.0	2	25.9
Intentional Self-Harm (Suicide)	2	6.7	4	42.9	1	18.6	3	41.8	2	25.9
Assault (Homicide)	1	3.4	0	0.0	0	0.0	0	0.0	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	1	3.4	0	0.0	0	0.0	0	0.0	0	0.0
All Other Causes (Residual)	33	111.3	20	214.6	24	447.3	12	167.2	24	310.5

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

West Virginia Bureau for Public Health
Health Statistics Center, 2013

Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2010
Table 67 (Cont'd)

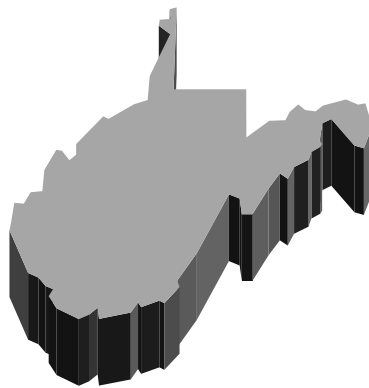
Selected Causes of Death	Number and Rate by City									
	Parkersburg		Point Pleasant		Princeton		Ranson		Saint Albans	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	0	0.0	0	0.0	0	0.0	1	4.8
Total Deaths, All Causes	482	15.3	60	13.8	100	15.5	30	6.8	225	20.4
--Deaths Under One Year	5	9.7	1	18.9	0	0.0	0	0.0	1	4.8
--Deaths Under 28 Days	2	3.9	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	5	15.9	0	0.0	2	31.1	0	0.0	1	9.1
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	87	276.3	14	321.8	19	295.4	9	202.7	52	470.8
--of Digestive Organs	19	60.3	1	77.7	5	77.7	1	22.5	10	90.5
----Colon	5	15.9	1	23.0	1	15.5	0	0.0	2	18.1
----Pancreas	5	15.9	0	0.0	0	0.0	1	22.5	0	0.0
--of Respiratory and Intrathoracic Organs	30	95.3	8	183.9	8	124.4	7	157.7	16	144.9
----Trachea, Bronchus and Lung	29	92.1	8	183.9	7	108.8	7	157.7	16	144.9
--of Breast	7	22.2	1	23.0	0	0.0	0	0.0	5	45.3
--of Genitourinary Organs	6	19.1	0	0.0	2	31.1	1	22.5	13	117.7
----Cervix Uteri	1	3.2	0	0.0	0	0.0	0	0.0	2	18.1
----Ovary	2	6.4	0	0.0	1	15.5	1	22.5	3	27.2
----Prostate	0	0.0	0	0.0	0	0.0	1	22.5	4	36.2
----Bladder	0	0.0	0	0.0	0	0.0	0	0.0	1	9.1
--All Other (Malignant Neoplasms)	25	79.4	4	92.0	4	62.2	0	0.0	8	72.4
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	5	15.9	0	0.0	0	0.0	1	22.5	1	9.1
Diabetes Mellitus	21	66.7	3	69.0	5	77.7	1	22.5	7	63.4
Dementia	3	9.5	1	23.0	11	171.0	1	22.5	21	190.1
Alzheimer's Disease	13	41.3	1	23.0	1	15.5	1	22.5	2	18.1
Major Cardiovascular Disease	212	673.2	20	459.8	34	528.6	9	202.7	65	588.6
--Diseases of the Heart	173	549.3	13	298.9	24	373.1	7	157.7	41	371.2
----Ischemic Heart Disease	78	247.7	9	206.9	15	233.2	2	45.0	29	262.6
--Essential Hypertension and Hypertensive Renal Disease	4	12.7	3	69.0	2	31.1	1	22.5	3	27.2
--Cerebrovascular Diseases (Stroke)	28	88.9	2	46.0	5	77.7	0	0.0	19	172.0
--Arteriosclerosis	2	6.4	0	0.0	1	15.5	1	22.5	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	5	15.9	2	46.0	2	31.1	0	0.0	0	0.0
Influenza and Pneumonia	13	41.3	1	23.0	1	15.5	1	22.5	4	36.2
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	13	41.3	1	23.0	1	15.5	1	22.5	4	36.2
Chronic Lower Respiratory Diseases	26	82.6	5	114.9	7	108.8	2	45.0	11	99.6
--Bronchitis, Emphysema and Asthma	3	9.5	2	46.0	0	0.0	0	0.0	3	27.2
Lung Diseases due to External Agents	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
--Coal Worker's Pneumoconiosis	6	19.1	0	0.0	0	0.0	0	0.0	3	27.2
Chronic Liver Disease and Cirrhosis	11	34.9	2	46.0	1	15.5	0	0.0	9	81.5
Nephritis, Nephrotic Syndrome and Nephrosis	3	9.5	0	0.0	0	0.0	0	0.0	1	9.1
Congenital Malformations	1	3.2	0	0.0	1	15.5	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	14	44.5	6	137.9	6	93.3	1	22.5	8	72.4
Accidents, All Forms	2	6.4	2	46.0	0	0.0	0	0.0	1	9.1
--Motor Vehicle	7	22.2	1	23.0	1	15.5	0	0.0	3	27.2
--Falls	0	0.0	0	0.0	0	0.0	0	0.0	1	9.1
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0	1	9.1
--Smoke, Fires and Flames	4	12.7	1	23.0	5	77.7	0	0.0	0	0.0
--Poisonings	1	3.2	2	46.0	0	0.0	1	22.5	3	27.2
--Other Accidents	2	6.4	0	0.0	2	31.1	0	0.0	0	0.0
Intentional Self-Harm (Suicide)	2	6.4	0	0.0	1	15.5	0	0.0	2	18.1
Assault (Homicide)	2	6.4	1	23.0	0	0.0	0	0.0	3	27.2
Injury Undetermined Whether Accidental or Purposely Inflicted	2	6.4	1	23.0	0	0.0	2	45.0	1	9.1
All Other Causes (Residual)	53	168.3	6	137.9	8	124.4	2	45.0	33	298.8

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

Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2010
Table 67 (Cont'd)

Selected Causes of Death	Number and Rate by City									
	South Charleston		Vienna		Weirton		Weston		Wheeling	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	2	20.4	0	0.0	0	0.0	2	5.6
Total Deaths, All Causes	166	12.3	106	9.9	207	10.5	50	12.2	426	15.0
--Deaths Under One Year	3	18.9	0	0.0	1	5.5	0	0.0	5	13.9
--Deaths Under 28 Days	1	6.3	0	0.0	0	0.0	0	0.0	4	11.1
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	4	29.7	2	18.6	5	25.3	1	24.3	5	17.6
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	29	215.6	25	232.6	38	192.4	14	340.6	87	305.4
--of Digestive Organs	2	14.9	6	55.8	6	30.4	1	77.2	22	77.2
----Colon	0	0.0	1	9.3	2	10.1	0	0.0	5	17.6
----Pancreas	0	0.0	3	27.9	1	5.1	1	24.3	5	17.6
--of Respiratory and Intrathoracic Organs	16	119.0	8	74.4	8	40.5	6	146.0	26	91.3
----Trachea, Bronchus and Lung	16	119.0	7	65.1	8	40.5	6	146.0	25	87.8
--of Breast	1	7.4	2	18.6	4	20.3	3	73.0	6	21.1
--of Genitourinary Organs	3	22.3	3	27.9	4	20.3	1	24.3	11	38.6
----Cervix Uteri	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
----Ovary	1	7.4	0	0.0	0	0.0	0	0.0	2	7.0
----Prostate	2	14.9	2	18.6	1	5.1	0	0.0	2	7.0
----Bladder	0	0.0	0	0.0	0	0.0	0	0.0	4	14.0
--All Other (Malignant Neoplasms)	7	52.0	6	55.8	16	81.0	3	73.0	22	77.2
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	3	22.3	0	0.0	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	4	29.7	7	65.1	4	20.3	1	24.3	21	73.7
Dementia	18	133.8	2	18.6	7	35.5	2	48.7	23	80.7
Alzheimer's Disease	4	29.7	3	27.9	13	65.8	3	73.0	4	14.0
Major Cardiovascular Disease	46	342.0	36	334.9	65	329.2	14	340.6	148	519.6
--Diseases of the Heart	36	267.7	26	241.9	54	273.5	9	219.0	103	361.6
----Ischemic Heart Disease	26	193.3	13	120.9	28	141.8	9	219.0	66	231.7
--Essential Hypertension and Hypertensive Renal Disease	1	7.4	1	9.3	2	10.1	1	24.3	7	24.6
--Cerebrovascular Diseases (Stroke)	9	66.9	6	55.8	7	35.5	4	97.3	28	98.3
--Arteriosclerosis	0	0.0	1	9.3	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	0	0.0	2	18.6	2	10.1	0	0.0	10	35.1
Influenza and Pneumonia	2	14.9	2	18.6	12	60.8	0	0.0	13	45.6
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	10	74.3	7	65.1	10	50.6	5	121.7	32	112.3
Chronic Lower Respiratory Diseases	1	7.4	0	0.0	0	0.0	0	0.0	2	7.0
--Bronchitis, Emphysema and Asthma	2	14.9	1	9.3	1	5.1	1	24.3	7	24.6
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	0	0.0	2	10.1	1	24.3	3	10.5
Nephritis, Nephrotic Syndrome and Nephrosis	5	37.2	1	9.3	4	20.3	1	24.3	4	14.0
Congenital Malformations	3	22.3	0	0.0	0	0.0	0	0.0	3	10.5
Ill-Defined and Unknown Causes of Death	3	22.3	0	0.0	7	35.5	2	48.7	4	14.0
Accidents, All Forms	8	59.5	7	65.1	14	70.9	2	48.7	20	70.2
--Motor Vehicle	1	7.4	1	9.3	1	5.1	1	24.3	3	10.5
--Falls	6	44.6	3	27.9	5	25.3	0	0.0	8	28.1
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
--Poisonings	1	7.4	1	9.3	6	30.4	1	24.3	2	7.0
--Other Accidents	0	0.0	2	18.6	2	10.1	0	0.0	7	24.6
Intentional Self-Harm (Suicide)	1	7.4	5	46.5	1	5.1	0	0.0	3	10.5
Assault (Homicide)	2	14.9	0	0.0	2	10.1	0	0.0	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	3	22.3	0	0.0	0	0.0	1	24.3	0	0.0
All Other Causes (Residual)	19	141.3	8	74.4	22	111.4	2	48.7	49	172.0

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



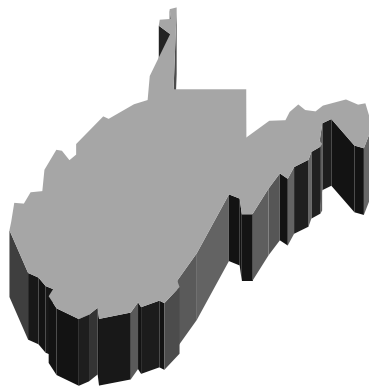
West Virginia Vital Statistics

Appendix A:
ICD-10 Codes

APPENDIX A

GROUPINGS OF ICD-10 CODES

<u>ICD-10 CODE</u>	<u>SELECTED CAUSE</u>
A15-A19	Tuberculosis
A40-A41	Septicemia
B20-B24	Human Immunodeficiency Virus Infection
C00-C97	Malignant Neoplasms
C15-C26	====of Digestive Organs
C18	=====of Colon
C25	=====of Pancreas
C30-C39	====of Respiratory and Intrathoracic Organs
C33-C34	=====Trachea, Bronchus and Lung
C50	==of Breast
C51-C68	==of Genitourinary Organs
C53	=====Cervix Uteri
C56	=====Ovary
C61	=====Prostate
C67	=====Bladder
	====All Other (Malignant Neoplasms)
D00-D48	Benign Neoplasms, Carcinoma in Situ and Neoplasms of Unspecified Nature
E10-E14	Diabetes Mellitus
F00-F03	Dementia
G30	Alzheimer's Disease
I00-I78	Major Cardiovascular Diseases
I00-I09, I11, I13,	
I20-I51	====Diseases of the Heart
I20-I25	=====Ischemic Heart Disease
I10, I12	====Essential Hypertension and Hypertensive Renal Disease
I60-I69	====Cerebrovascular Disease
I70	====Arteriosclerosis
I71-I78	====Other Diseases of the Arteries, Arterioles and Capillaries
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 2010 and filed in the state office of vital statistics prior to February 18, 2012. Vital events occurring to West Virginia residents in other states and tabulated by June 1, 2012 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, 551 births occurred within the geographic confines of the Greenbrier County of which only so many were to mothers who reside in Greenbrier County; the remainder reside in other counties or states. Resident births for the county for 2010 totaled 353 which include 309 births that occurred in Greenbrier County and 44 births to Greenbrier County residents that occurred elsewhere. With the exception of Tables 11, 12, 13, 14, 16 and 46 (and Exhibit 9), natality data presented in this report are based on place of residence and resident populations are used to calculate rates.

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

Statistical Variation

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

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

Geographic Classification

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

APPENDIX B (Cont'd)

Cause of Death Classification

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

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

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

Population

The rates given in this publication were calculated using the 2010 population figures from the U.S. Department of Commerce, Bureau of the Census. This can be found on the Internet at <http://2010.census.gov/2010census/data/> and then go to American FactFinder which is where detailed population figures are stored.

Forms

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

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

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

Health Statistics Center
350 Capitol Street, Room 165
Charleston, WV 25301-3701
Telephone: (304) 558-9100
FAX: (304) 558-1787

E-Mail: dhhrvitalreg@wv.gov

APPENDIX B (Cont'd)

RATES AND RATIOS

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

Rates used in this report are calculated with the 2010 population figures from the U.S. Department of Commerce, Bureau of the Census.

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

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

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

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

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

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

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

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

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

APPENDIX B (Cont'd)

DEFINITIONS

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

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

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

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

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

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

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

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

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

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

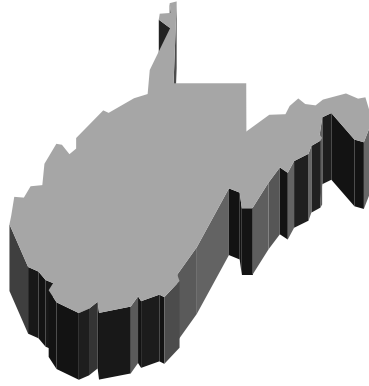
PATERNITY AFFIDAVIT- A legal document signed by both parents declaring the paternity of their child.

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

APPENDIX B (Cont'd)

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

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



West Virginia Vital Statistics

Appendix C:

Grams Conversion

APPENDIX C Converting Pounds/Ounces into Grams

	Ounces															
Pounds	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

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