



WEST VIRGINIA VITAL STATISTICS 2020

SEVENTY-FOURTH ANNUAL REPORT

WEST VIRGINIA VITAL STATISTICS 2020



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FOREWORD

The *West Virginia Vital Statistics 2020* publication provides an in-depth look at births, deaths, Induced Terminations of Pregnancy (ITOP), infant deaths, fetal deaths, marriages, and divorces that occurred among state residents in 2020.

West Virginia had a natural decrease in population (excess of deaths over births) for the thirteenth year in a row. West Virginia dropped in overall population between 2019 and 2020 and only seven of the 55 counties gained population.

The number of resident births decreased from 18,090 in 2019 to 17,327 in 2020. The number of births to teenage mothers also decreased. Births to unmarried mothers rose again in 2020 as more than two out of every five births continue to occur out of wedlock. Among the unmarried mothers giving birth in West Virginia, a father was established through a paternity affidavit in 69.5% of these births, decreasing from 71.8% in 2019.

Of the women who gave birth in 2020, 79.6% received prenatal care during the first trimester of pregnancy while 21.3% smoked during pregnancy. The percentage of low birthweight babies decreased from 9.8% in 2019 to 9.3% in 2020. In 2020, 34.1% of all West Virginia resident babies were delivered by Cesarean section.

The number of resident deaths increased from 23,291 in 2019 to 26,108 in 2020. The average age at death for West Virginians was 69.0 for men and 74.9 for women. Heart disease, the leading cause of death in West Virginia for the fifth consecutive year, cancer, accidents, and chronic lower respiratory disease were the four leading causes of death, accounting for 52.5% of all deaths among West Virginia residents. COVID-19 was the fifth leading cause of death, with 1,480 deaths occurring in 2020. Motor vehicle traffic accident deaths decreased from 330 in 2019 to 302 in 2020.

The infant death rate increased from 6.2 per 1,000 live births in 2019 to 7.6 in 2020. The number of deaths among infants under one year of age increased from 112 in 2019 to 131 in 2020. Over 80.0% of infant deaths (80.1%) were due to conditions originating in the perinatal period, congenital malformations, and SUIDS (Sudden Unexplained Infant Death Syndrome). The fetal death ratio remained at 4.8 per 1,000 live births for 2020. All fetal deaths were due to conditions originating in the perinatal period.

The ITOP section contains statistics for terminations performed in West Virginia only. There were 1,001 ITOP performed in the state in 2020 compared with 1,332 in 2019. In 2020, 32 of these procedures involved a minor under the age of 18 compared with 43 in 2019.

The number of marriages decreased for the ninth year in a row, from 10,705 in 2019 to 10,030 in 2020. Divorces decreased from 6,535 in 2019 to 5,445 in 2020.

Please note that these data can be accessed online later in the year at https://dhr.wv.gov/HSC/publications/recent_reports/Pages/recent_reports.aspx along with other statistical publications. If you need additional information, please contact the Health Statistics Center at (304) 558-9100 or request via email at dhrvitaldata@wv.gov

Birgit A. Shanholtzer, MA
Director
Health Statistics Center

2020 West Virginia and United States Vital Statistics Review

	West Virginia		United States***	
	Number	Rate*	Number	Rate*
Live Births	17,327	9.7	3,613,647	11.0
Deaths	26,108	14.6	3,383,729	10.3
Fetal Deaths	83	**4.8	N/A	N/A
Neonatal Deaths	85	**4.9	12,856	**3.6
Infant Deaths	131	**7.6	19,582	**5.4
Marriages	10,030	5.6	1,676,911	5.1
Divorces & Annulments	5,445	3.0	630,505	2.3
Natural Increase (Decrease)	(8,781)	(4.9)	1,154,170	3.5
Population (2020 Estimate)	1,784,787		329,484,123	

*Rates based on the 2020 U.S. Census Bureau estimates.

<http://census.gov/>

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

***CDC Wonder and National Center for Health Statistics.

(Births) - <http://wonder.cdc.gov>

(Deaths, Neonatal and Infant Deaths) - CDC Wonder <http://wonder.cdc.gov/>

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

<https://www.cdc.gov/nchs/data/dvs/marriage-divorce/national-marriage-divorce-rates-00-21.pdf>

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

Selected Records and Trivia West Virginia, 2020

Natality

Oldest Father: 70
 Youngest Father: 15
 Oldest Mother: 52
 Youngest Mother: 13
 Highest Live Birth Order: 13th Delivery – 12 siblings (brothers and sisters)
 Day Most Births Occurred: September 15 - (76)
 Day Fewest Births Occurred: December 25 - (9)
 Number of Live Born Twins: 519
 Number of Live Born Triplets: 9
 Number of Live Born Quadruplets: 0

Most Popular Names for Babies

<u>Boys' Names</u>	<u>Number</u>	<u>Girls' Names</u>	<u>Number</u>
Liam	98	Harper	87
Mason	79	Amelia	78
Elijah	78	Olivia	74
Noah & Waylon	75	Ava	73
Asher	74	Emma	69
Wyatt	72	Evelyn & Paisley	64
Owen	71	Ellie	57
Grayson	69	Charlotte & Willow	56
William	66	Isabella	53
Lincoln	65	Kinsley	49

Mortality

Oldest Male Decedent: 106
 Oldest Female Decedent: 106
 Number of Male Decedents 100 Yrs. & Older: 20
 Number of Female Decedents 100 Yrs. & Older: 126
 Day Most Deaths Occurred: December 18 - (130)
 Day Fewest Deaths Occurred: June 20 - (46)

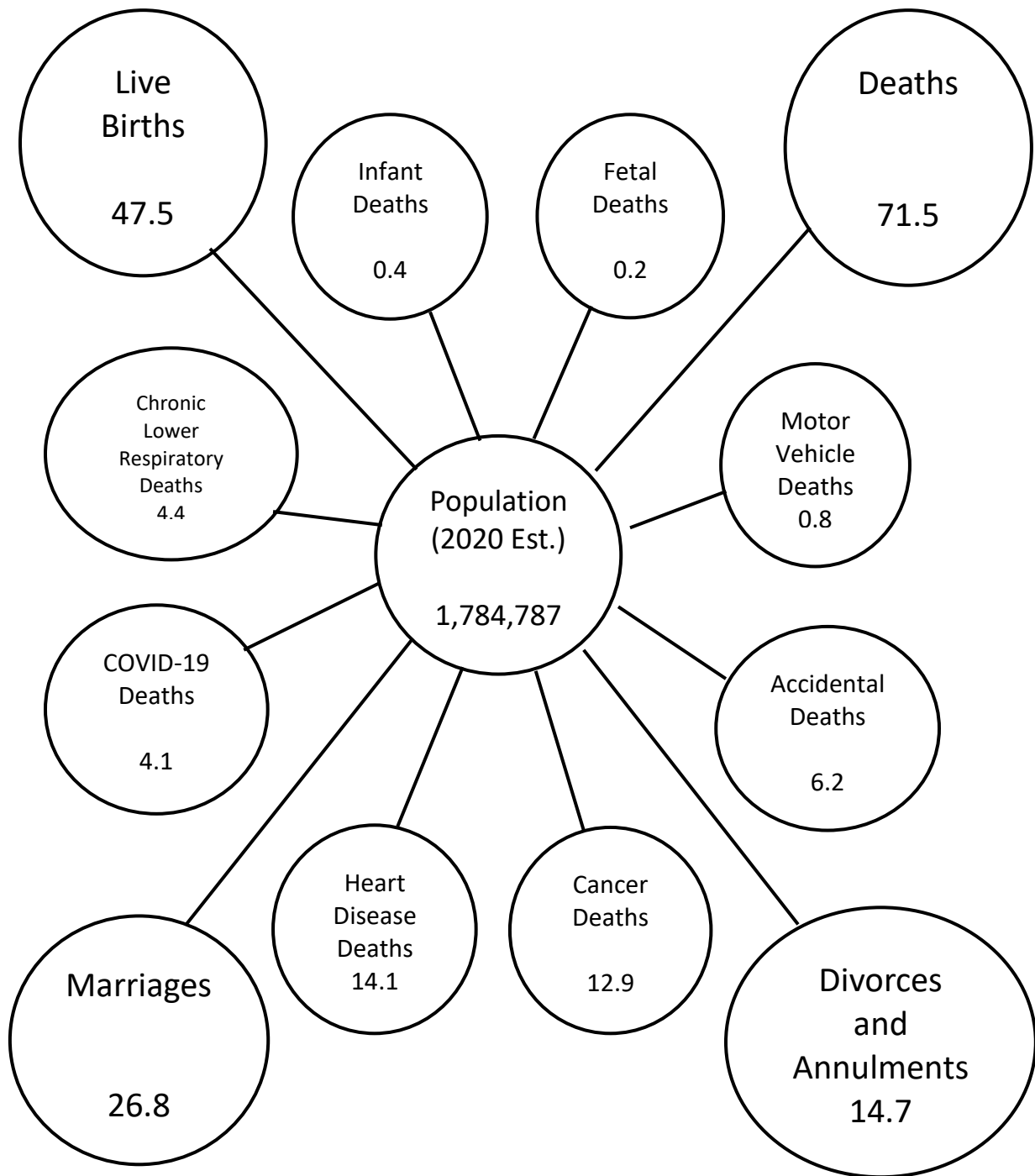
Marriage (Male-Female Marriages Only)

Oldest Groom: 91
 Youngest Groom: 16
 Oldest Bride: 87
 Youngest Bride: 16
 Largest Age Difference with Bride Older: 47 Years
 Largest Age Difference with Groom Older: 49 Years

Divorce (Male-Female Divorces Only)

Oldest Male Divorcé: 95
 Youngest Male Divorcé: 18
 Oldest Female Divorcée: 87
 Youngest Female Divorcée: 18
 Marriage of Longest Duration Ending in Divorce: 62 Years

Average Day Statistics West Virginia, 2020





West Virginia Vital Statistics

Population

Population Summary

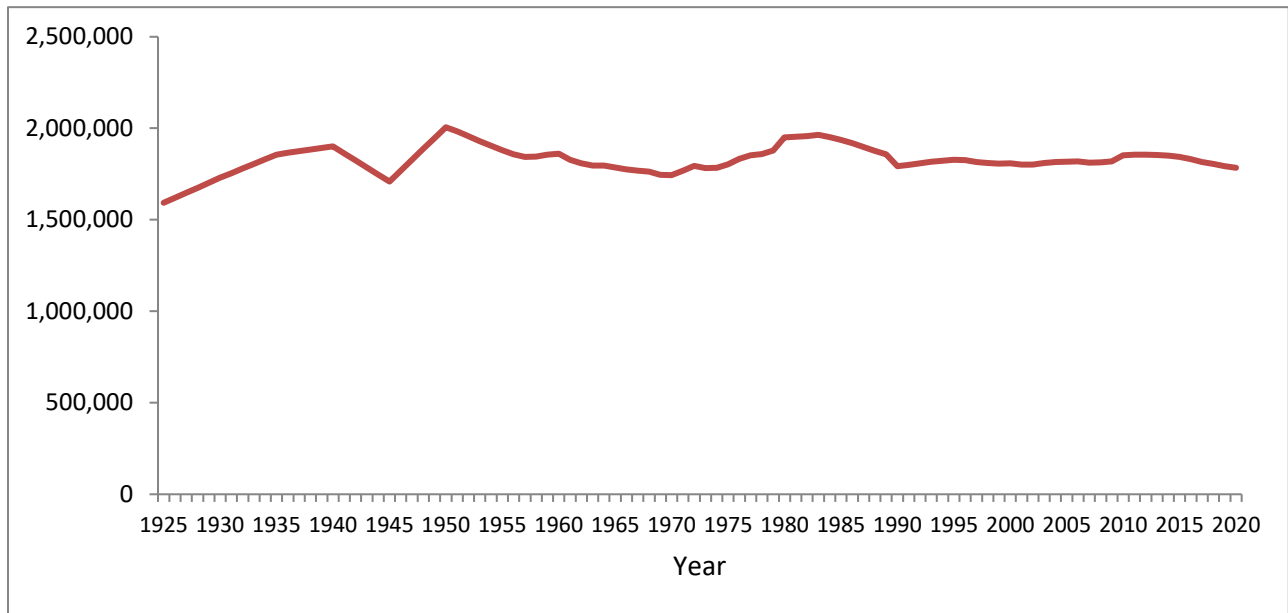
In 2020, 8,781 West Virginians were lost to the total population as a result of resident deaths exceeding resident births. The U.S. Census Bureau shows an overall decrease (approximately 3.7%) in the state's population since 2012, from 1,855,413 to 1,784,787. This decrease is the result of a mostly natural decrease (excess of deaths over births) as well as a growth in excess of outmigration over immigration during that span.

There has been a decrease in the overall population from 2010 to 2020; however, approximately one-eighth (7) of the state's 55 counties have shown an increase. Furthermore, a little less than one-third (15) of the state's 50 largest cities have shown an increase in population since the 2010 Census.

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

West Virginia Population, 1925-2020

Exhibit 1



Year	Population	Change in Population	
		Years	Percentage Change
1925*	1,593,005		
1930	1,729,205	1925 to 1930	8.5%
1935*	1,856,354	1930 to 1935	7.4%
1940	1,901,974	1935 to 1940	2.5%
1945*	1,708,000	1940 to 1945	-10.2%
1950	2,005,552	1945 to 1950	17.4%
1955*	1,880,000	1950 to 1955	-6.3%
1960	1,860,421	1955 to 1960	-1.0%
1965*	1,786,000	1960 to 1965	-4.0%
1970	1,744,237	1965 to 1970	-2.3%
1975*	1,803,000	1970 to 1975	3.4%
1980	1,949,644	1975 to 1980	8.1%
1985*	1,936,000	1980 to 1985	-0.7%
1990	1,793,477	1985 to 1990	-7.4%
1995*	1,828,000	1990 to 1995	1.9%
2000	1,808,344	1995 to 2000	-1.1%
2005*	1,816,856	2000 to 2005	0.5%
2010	1,852,994	2005 to 2010	2.0%
2015*	1,844,128	2010 to 2015	-0.5%
2016*	1,831,102	2015 to 2016	-0.7%
2017*	1,815,857	2016 to 2017	-0.8%
2018*	1,805,832	2017 to 2018	-0.6%
2019*	1,792,147	2018 to 2019	-0.8%
2020	1,784,787	2019 to 2020	-0.4%

West Virginia Population by County, 2019 and 2020

Table 1

County	2019	2020	County	2019	2020
Barbour	16,441	16,444	Monongalia	105,612	106,819
Berkeley	119,171	122,125	Monroe	13,275	13,229
Boone	21,457	21,055	Morgan	17,884	17,873
Braxton	13,957	13,702	Nicholas	24,496	24,340
Brooke	21,939	21,674	Ohio	41,411	41,182
Cabell	91,945	91,589	Pendleton	6,969	6,932
Calhoun	7,109	6,945	Pleasants	7,460	7,438
Clay	8,508	8,341	Pocahontas	8,247	8,190
Doddridge	8,448	8,368	Preston	33,432	33,380
Fayette	42,406	42,062	Putnam	56,450	56,428
Gilmer	7,823	7,811	Raleigh	73,361	72,920
Grant	11,568	11,510	Randolph	28,695	28,387
Greenbrier	34,662	34,319	Ritchie	9,554	9,499
Hampshire	23,175	23,190	Roane	13,688	13,482
Hancock	28,810	28,571	Summers	12,573	12,444
Hardy	13,776	13,633	Taylor	16,695	16,699
Harrison	67,256	66,870	Tucker	6,839	6,816
Jackson	28,576	28,453	Tyler	8,591	8,533
Jefferson	57,146	57,486	Upshur	24,176	24,230
Kanawha	178,124	176,253	Wayne	39,402	39,054
Lewis	15,907	15,805	Webster	8,114	8,058
Lincoln	20,409	20,043	Wetzel	15,065	14,904
Logan	32,019	31,688	Wirt	5,821	5,705
McDowell	17,624	16,916	Wood	83,518	82,938
Marion	56,072	55,962	Wyoming	20,394	20,123
Marshall	30,531	30,103			
Mason	26,516	26,335			
Mercer	58,758	58,258	WV Total	1,792,147	1,784,787
Mineral	26,868	26,722			
Mingo	23,424	22,951			

West Virginia Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2022

West Virginia Population Characteristics, 2010 and 2020
Distribution by Gender, Age and Race
Table 2

Characteristic	2010 Census		2020 Estimate	
	Number	Percent	Number	Percent
<u>Total</u>	1,852,994	100.0%	1,784,787	100.0%
<u>Gender</u>				
Male	913,586	49.3%	884,276	49.5%
Female	939,408	50.7%	900,511	50.5%
<u>Age</u>				
Less than 5 Years	104,060	5.6%	91,152	5.1%
5-17 Years	283,358	15.3%	265,115	14.9%
18-44 Years	627,191	33.8%	579,443	32.5%
45-64 Years	540,981	29.2%	475,508	26.6%
65 Years and Older	297,404	16.0%	373,569	20.9%
<u>Race</u>				
White or Caucasian	1,739,988	93.9%	1,665,040	93.3%
Black or African American	63,124	3.4%	65,244	3.7%
Asian, Native Hawaiian and Other Pacific Islander	12,834	0.7%	15,964	0.9%
American Indian, Eskimo, Aleutian Islander and Alaska Native	3,787	0.2%	4,609	0.2%
All Other Races	33,261	1.8%	33,930	3.6%
<u>Hispanic Origin*</u>	22,268	1.2%	31,999	1.8%

*May be of any race

2010 and 2020 Census Source: <http://www.census.gov>

West Virginia Bureau for Public Health

Health Statistics Center, Vital Statistics System, 2022

Age Group Distribution by County
West Virginia Population 2020 Estimate
Table 3

Both Genders:

County	Less Than 5 Years	5-14 Years	15-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years	Total
Barbour	807	1,803	2,316	1,865	1,776	2,106	2,292	2,037	1,058	384	16,444
Berkeley	7,491	15,772	13,695	17,571	16,279	16,233	16,279	12,044	5,294	1,467	122,125
Boone	1,041	2,438	2,360	2,189	2,500	2,946	3,062	2,878	1,227	414	21,055
Braxton	592	1,528	1,335	1,608	1,481	1,795	2,032	1,952	1,023	356	13,702
Brooke	961	2,131	2,619	2,319	2,254	2,721	3,296	3,146	1,589	638	21,674
Cabell	4,914	10,033	15,244	11,290	10,680	10,496	10,955	10,314	5,479	2,184	91,589
Calhoun	298	719	650	663	753	872	1,183	1,102	517	188	6,945
Clay	422	1,060	883	824	938	1,062	1,317	1,093	559	183	8,341
Doddridge	311	634	1,021	1,056	1,076	1,120	1,299	1,079	568	204	8,368
Fayette	2,093	5,063	4,575	4,622	4,956	5,342	5,974	5,684	2,723	1,030	42,062
Gilmer	296	668	1,350	1,110	1,078	946	951	781	418	213	7,811
Grant	600	1,243	1,156	1,234	1,184	1,513	1,652	1,594	983	351	11,510
Greenbrier	1,657	3,812	3,492	3,805	3,896	4,126	5,219	4,823	2,601	888	34,319
Hampshire	1,060	2,303	2,355	2,419	2,540	3,201	3,763	3,349	1,625	575	23,190
Hancock	1,239	3,077	2,941	3,091	3,157	3,806	4,348	4,056	1,957	899	28,571
Hardy	758	1,517	1,359	1,398	1,504	1,821	2,146	1,836	1,040	254	13,633
Harrison	3,548	8,102	7,285	8,054	8,344	8,521	9,527	7,788	4,032	1,669	66,870
Jackson	1,526	3,371	3,067	3,136	3,247	3,738	4,302	3,432	1,945	689	28,453
Jefferson	2,931	7,107	7,191	6,403	7,333	8,211	8,288	6,347	2,809	866	57,486
Kanawha	9,047	19,658	19,563	21,771	21,017	21,482	25,386	22,898	11,059	4,372	176,253
Lewis	843	1,973	1,559	1,922	1,857	2,050	2,272	1,966	1,048	315	15,805
Lincoln	1,142	2,497	2,145	2,104	2,347	2,726	2,950	2,487	1,271	374	20,043
Logan	1,658	3,697	3,370	3,598	3,876	4,151	4,486	4,369	1,857	626	31,688
McDowell	855	1,990	1,597	1,841	1,911	2,131	2,677	2,379	1,106	429	16,916
Marion	2,979	6,276	8,244	6,734	6,548	6,900	7,136	6,517	3,358	1,270	55,962
Marshall	1,379	3,278	3,023	3,497	3,313	3,873	4,579	4,386	1,999	776	30,103
Mason	1,360	3,103	2,758	2,955	3,113	3,208	3,985	3,383	1,792	678	26,335
Mercer	3,247	6,928	6,548	6,914	6,432	7,063	7,777	7,814	4,045	1,490	58,258
Mineral	1,340	2,965	3,135	3,090	2,913	3,474	3,758	3,531	1,971	545	26,722
Mingo	1,333	2,877	2,390	2,442	2,767	3,050	3,374	3,120	1,206	392	22,951

West Virginia Bureau for Public Health
Health Statistics Center, Vital Statistics System 2022

Source: <http://www.census.gov>

Age Group Distribution by County
West Virginia Population 2020 Estimate
Table 3 (Cont'd)

Both Genders:

County	Less Than 5 Years	5-14 Years	15-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years	Total
Monongalia	4,993	9,692	24,329	17,735	13,413	10,992	11,233	8,995	3,849	1,588	106,819
Monroe	639	1,506	1,247	1,350	1,407	1,671	2,003	1,919	1,144	343	13,229
Morgan	692	1,782	1,824	1,873	1,855	2,430	2,971	2,674	1,344	428	17,873
Nicholas	1,172	2,908	2,366	2,635	2,771	3,121	3,612	3,417	1,786	552	24,340
Ohio	2,054	4,470	5,562	4,716	4,548	4,620	5,804	5,401	2,623	1,384	41,182
Pendleton	329	685	614	685	693	774	1,131	1,077	652	292	6,932
Pleasants	388	777	790	965	934	1,064	1,074	839	475	132	7,438
Pocahontas	387	775	733	861	911	946	1,360	1,279	713	225	8,190
Preston	1,637	3,621	3,198	4,396	4,262	4,398	4,712	4,315	2,155	686	33,380
Putnam	2,739	7,196	6,389	6,283	7,450	7,693	7,809	6,430	3,380	1,059	56,428
Raleigh	3,903	8,681	7,894	9,040	8,968	9,059	9,482	9,616	4,518	1,759	72,920
Randolph	1,389	2,893	3,273	3,500	3,196	3,574	4,064	3,669	2,081	748	28,387
Ritchie	481	1,014	981	977	1,031	1,223	1,598	1,262	690	242	9,499
Roane	636	1,554	1,447	1,325	1,548	1,776	2,088	1,866	919	323	13,482
Summers	493	1,063	1,117	1,362	1,508	1,599	1,956	1,973	952	421	12,444
Taylor	774	1,963	1,655	2,029	2,120	2,255	2,354	2,094	1,059	396	16,699
Tucker	257	509	625	723	762	909	1,138	1,060	622	211	6,816
Tyler	395	969	856	862	870	1,218	1,330	1,191	604	238	8,533
Upshur	1,236	2,813	3,433	2,743	2,690	2,837	3,268	3,021	1,629	560	24,230
Wayne	1,913	4,460	4,307	4,477	4,385	5,226	5,563	4,982	2,759	982	39,054
Webster	382	932	739	832	829	1,084	1,275	1,216	559	210	8,058
Wetzel	821	1,652	1,640	1,595	1,545	1,954	2,230	1,895	1,157	415	14,904
Wirt	282	704	575	552	677	716	974	753	369	103	5,705
Wood	4,503	9,778	8,979	9,514	9,705	10,741	12,076	10,079	5,672	1,891	82,938
Wyoming	929	2,358	2,171	2,166	2,341	2,652	2,922	2,968	1,213	403	20,123
WV Total	91,152	202,378	215,970	214,721	211,489	225,216	250,292	222,176	111,083	40,310	1,784,787

West Virginia Bureau for Public Health
Health Statistics Center, Vital Statistics System 2022

Source: <http://www.census.gov>

Age Group Distribution by County
West Virginia Population 2020 Estimate
Table 3 (Cont'd)

Males:

County	Less Than 5 Years	5-14 Years	15-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years	Total
Barbour	410	922	1,092	958	867	1,043	1,118	1,026	507	145	8,088
Berkeley	3,811	8,072	6,952	8,847	8,135	8,071	8,028	5,713	2,441	619	60,689
Boone	528	1,265	1,263	1,142	1,213	1,468	1,498	1,372	563	151	10,463
Braxton	305	782	690	852	764	886	1,044	952	495	130	6,900
Brooke	492	1,111	1,381	1,235	1,143	1,360	1,596	1,497	699	210	10,724
Cabell	2,545	5,180	7,514	5,803	5,371	5,201	5,163	4,706	2,389	732	44,604
Calhoun	159	331	319	344	378	443	588	566	259	72	3,459
Clay	223	574	456	422	458	520	654	566	283	64	4,220
Doddridge	171	310	671	648	612	623	683	541	283	108	4,650
Fayette	1,072	2,573	2,477	2,476	2,529	2,794	2,940	2,777	1,221	324	21,183
Gilmer	163	354	784	830	732	603	495	410	196	74	4,641
Grant	307	637	611	636	595	770	812	772	487	145	5,772
Greenbrier	891	1,970	1,861	1,883	1,897	2,001	2,550	2,308	1,183	306	16,850
Hampshire	542	1,215	1,230	1,270	1,269	1,633	1,886	1,727	784	244	11,800
Hancock	628	1,568	1,526	1,585	1,551	1,924	2,076	1,953	808	292	13,911
Hardy	398	769	702	736	794	935	1,063	899	501	107	6,904
Harrison	1,813	4,220	3,724	4,070	4,185	4,246	4,699	3,647	1,742	570	32,916
Jackson	811	1,746	1,614	1,645	1,607	1,838	2,131	1,630	878	265	14,165
Jefferson	1,497	3,635	3,703	3,196	3,635	4,083	4,094	3,049	1,300	329	28,521
Kanawha	4,555	9,894	9,895	10,828	10,390	10,525	12,007	10,551	4,683	1,532	84,860
Lewis	452	1,016	802	999	929	1,037	1,111	946	480	136	7,908
Lincoln	595	1,245	1,117	1,052	1,151	1,380	1,451	1,195	592	146	9,924
Logan	815	1,897	1,732	1,894	1,936	2,127	2,115	2,055	817	226	15,614
McDowell	448	998	824	940	1,016	1,074	1,242	1,167	466	148	8,323
Marion	1,574	3,149	4,267	3,448	3,329	3,417	3,502	3,106	1,462	449	27,703
Marshall	673	1,706	1,543	1,877	1,691	2,001	2,221	2,092	871	283	14,958
Mason	713	1,647	1,405	1,398	1,429	1,571	1,914	1,606	805	234	12,722
Mercer	1,662	3,606	3,351	3,477	3,070	3,455	3,606	3,534	1,816	473	28,050
Mineral	636	1,525	1,678	1,617	1,465	1,742	1,793	1,670	890	232	13,248
Mingo	694	1,506	1,239	1,220	1,343	1,504	1,613	1,509	562	144	11,334

West Virginia Bureau for Public Health
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Source: <http://www.census.gov>

Age Group Distribution by County
West Virginia Population 2020 Estimate
Table 3 (Cont'd)

Males:

County	Less Than 5 Years	5-14 Years	15-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years	Total
Monongalia	2,527	5,049	12,801	9,596	7,124	5,651	5,491	4,367	1,728	534	54,868
Monroe	327	769	655	665	724	824	994	914	558	148	6,578
Morgan	355	923	971	937	951	1,276	1,477	1,323	635	175	9,023
Nicholas	622	1,456	1,231	1,333	1,339	1,527	1,750	1,671	852	214	11,995
Ohio	1,060	2,302	2,715	2,424	2,275	2,263	2,782	2,498	1,100	409	19,828
Pendleton	182	328	315	372	363	398	570	522	312	133	3,495
Pleasants	199	429	467	581	545	590	558	412	229	36	4,046
Pocahontas	191	387	383	462	496	499	704	628	377	72	4,199
Preston	870	1,914	1,633	2,392	2,259	2,323	2,385	2,104	995	240	17,115
Putnam	1,413	3,737	3,322	3,190	3,648	3,845	3,794	3,046	1,493	376	27,864
Raleigh	2,030	4,406	4,192	4,914	4,679	4,692	4,516	4,585	1,989	594	36,597
Randolph	727	1,472	1,839	2,010	1,768	1,896	2,050	1,782	1,002	274	14,820
Ritchie	239	482	523	517	511	603	839	619	314	91	4,738
Roane	319	786	758	689	743	881	1,000	963	424	110	6,673
Summers	251	509	531	541	644	717	884	977	426	163	5,643
Taylor	393	1,005	871	1,120	1,078	1,151	1,190	1,015	462	159	8,444
Tucker	119	274	354	370	366	456	573	535	303	90	3,440
Tyler	202	503	423	430	438	641	634	609	274	100	4,254
Upshur	614	1,448	1,671	1,390	1,363	1,416	1,606	1,492	751	228	11,979
Wayne	1,021	2,251	2,217	2,273	2,105	2,535	2,665	2,351	1,271	370	19,059
Webster	194	457	396	428	412	549	629	587	272	78	4,002
Wetzel	431	864	840	831	764	971	1,090	918	491	158	7,358
Wirt	147	372	312	279	344	340	475	396	190	50	2,905
Wood	2,295	4,998	4,559	4,699	4,826	5,328	5,830	4,627	2,476	651	40,289
Wyoming	477	1,206	1,104	1,097	1,122	1,353	1,414	1,455	574	158	9,960
WV Total	46,788	103,750	111,506	110,868	106,371	113,000	121,593	105,938	49,961	14,501	884,276

West Virginia Bureau for Public Health
Health Statistics Center, Vital Statistics System 2022

Source: <http://www.census.gov>

Age Group Distribution by County
West Virginia Population 2020 Estimate
Table 3 (Cont'd)

Females:

County	Less Than 5 Years	5-14 Years	15-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years	Total
Barbour	397	881	1,224	907	909	1,063	1,174	1,011	551	239	8,356
Berkeley	3,680	7,700	6,743	8,724	8,144	8,162	8,251	6,331	2,853	848	61,436
Boone	513	1,173	1,097	1,047	1,287	1,478	1,564	1,506	664	263	10,592
Braxton	287	746	645	756	717	909	988	1,000	528	226	6,802
Brooke	469	1,020	1,238	1,084	1,111	1,361	1,700	1,649	890	428	10,950
Cabell	2,369	4,853	7,730	5,487	5,309	5,295	5,792	5,608	3,090	1,452	46,985
Calhoun	139	388	331	319	375	429	595	536	258	116	3,486
Clay	199	486	427	402	480	542	663	527	276	119	4,121
Doddridge	140	324	350	408	464	497	616	538	285	96	3,718
Fayette	1,021	2,490	2,098	2,146	2,427	2,548	3,034	2,907	1,502	706	20,879
Gilmer	133	314	566	280	346	343	456	371	222	139	3,170
Grant	293	606	545	598	589	743	840	822	496	206	5,738
Greenbrier	766	1,842	1,631	1,922	1,999	2,125	2,669	2,515	1,418	582	17,469
Hampshire	518	1,088	1,125	1,149	1,271	1,568	1,877	1,622	841	331	11,390
Hancock	611	1,509	1,415	1,506	1,606	1,882	2,272	2,103	1,149	607	14,660
Hardy	360	748	657	662	710	886	1,083	937	539	147	6,729
Harrison	1,735	3,882	3,561	3,984	4,159	4,275	4,828	4,141	2,290	1,099	33,954
Jackson	715	1,625	1,453	1,491	1,640	1,900	2,171	1,802	1,067	424	14,288
Jefferson	1,434	3,472	3,488	3,207	3,698	4,128	4,194	3,298	1,509	537	28,965
Kanawha	4,492	9,764	9,668	10,943	10,627	10,957	13,379	12,347	6,376	2,840	91,393
Lewis	391	957	757	923	928	1,013	1,161	1,020	568	179	7,897
Lincoln	547	1,252	1,028	1,052	1,196	1,346	1,499	1,292	679	228	10,119
Logan	843	1,800	1,638	1,704	1,940	2,024	2,371	2,314	1,040	400	16,074
McDowell	407	992	773	901	895	1,057	1,435	1,212	640	281	8,593
Marion	1,405	3,127	3,977	3,286	3,219	3,483	3,634	3,411	1,896	821	28,259
Marshall	706	1,572	1,480	1,620	1,622	1,872	2,358	2,294	1,128	493	15,145
Mason	647	1,456	1,353	1,557	1,684	1,637	2,071	1,777	987	444	13,613
Mercer	1,585	3,322	3,197	3,437	3,362	3,608	4,171	4,280	2,229	1,017	30,208
Mineral	704	1,440	1,457	1,473	1,448	1,732	1,965	1,861	1,081	313	13,474
Mingo	639	1,371	1,151	1,222	1,424	1,546	1,761	1,611	644	248	11,617

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Source: <http://www.census.gov>

Age Group Distribution by County
West Virginia Population 2020 Estimate
Table 3 (Cont'd)

Females:

County	Less Than 5 Years	5-14 Years	15-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years	Total
Monongalia	2,466	4,643	11,528	8,139	6,289	5,341	5,742	4,628	2,121	1,054	51,951
Monroe	312	737	592	685	683	847	1,009	1,005	586	195	6,651
Morgan	337	859	853	936	904	1,154	1,494	1,351	709	253	8,850
Nicholas	550	1,452	1,135	1,302	1,432	1,594	1,862	1,746	934	338	12,345
Ohio	994	2,168	2,847	2,292	2,273	2,357	3,022	2,903	1,523	975	21,354
Pendleton	147	357	299	313	330	376	561	555	340	159	3,437
Pleasants	189	348	323	384	389	474	516	427	246	96	3,392
Pocahontas	196	388	350	399	415	447	656	651	336	153	3,991
Preston	767	1,707	1,565	2,004	2,003	2,075	2,327	2,211	1,160	446	16,265
Putnam	1,326	3,459	3,067	3,093	3,802	3,848	4,015	3,384	1,887	683	28,564
Raleigh	1,873	4,275	3,702	4,126	4,289	4,367	4,966	5,031	2,529	1,165	36,323
Randolph	662	1,421	1,434	1,490	1,428	1,678	2,014	1,887	1,079	474	13,567
Ritchie	242	532	458	460	520	620	759	643	376	151	4,761
Roane	317	768	689	636	805	895	1,088	903	495	213	6,809
Summers	242	554	586	821	864	882	1,072	996	526	258	6,801
Taylor	381	958	784	909	1,042	1,104	1,164	1,079	597	237	8,255
Tucker	138	235	271	353	396	453	565	525	319	121	3,376
Tyler	193	466	433	432	432	577	696	582	330	138	4,279
Upshur	622	1,365	1,762	1,353	1,327	1,421	1,662	1,529	878	332	12,251
Wayne	892	2,209	2,090	2,204	2,280	2,691	2,898	2,631	1,488	612	19,995
Webster	188	475	343	404	417	535	646	629	287	132	4,056
Wetzel	390	788	800	764	781	983	1,140	977	666	257	7,546
Wirt	135	332	263	273	333	376	499	357	179	53	2,800
Wood	2,208	4,780	4,420	4,815	4,879	5,413	6,246	5,452	3,196	1,240	42,649
Wyoming	452	1,152	1,067	1,069	1,219	1,299	1,508	1,513	639	245	10,163
WV Total	44,364	98,628	104,464	103,853	105,118	112,216	128,699	116,238	61,122	25,809	900,511

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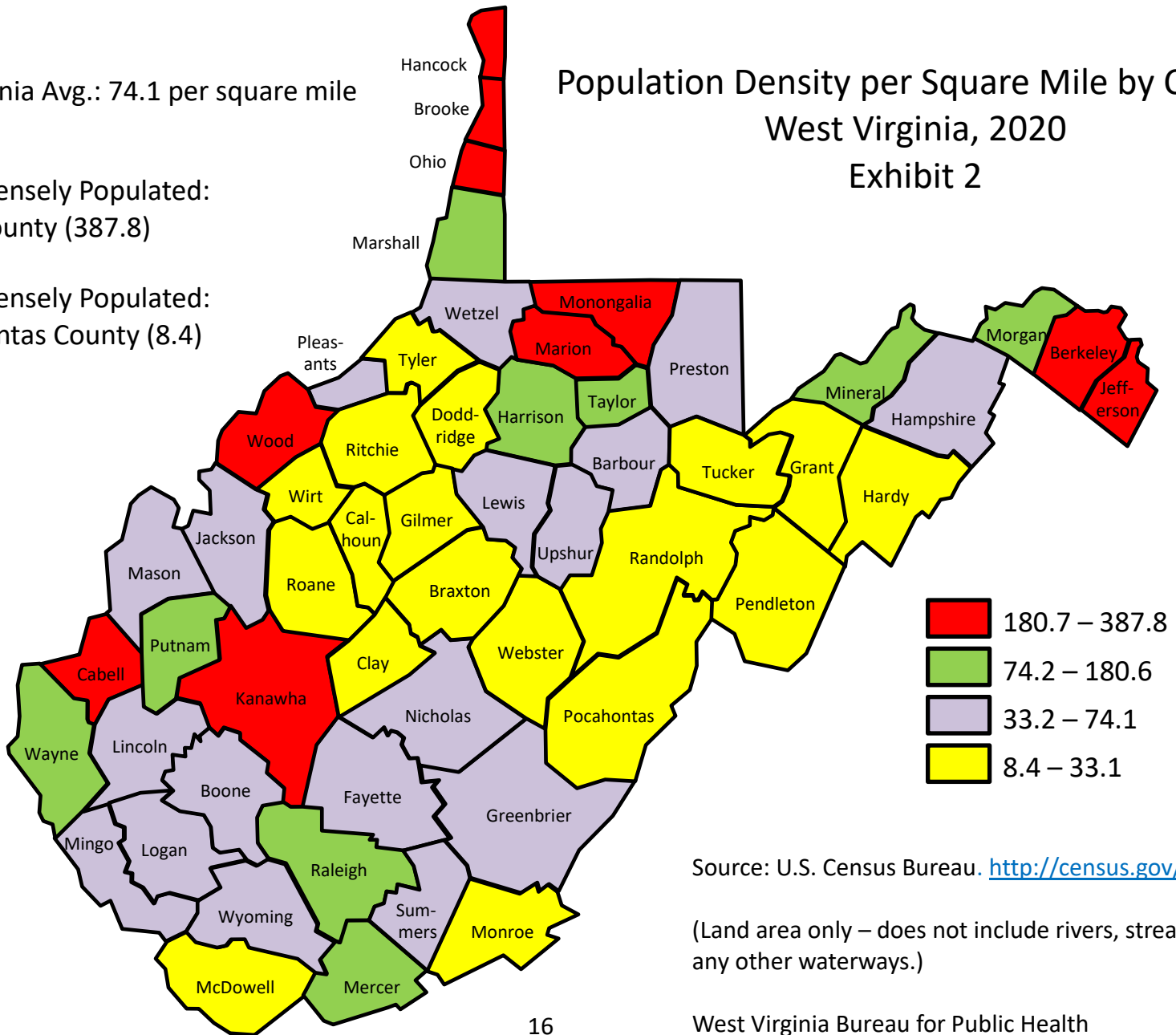
Source: <http://www.census.gov>

West Virginia Avg.: 74.1 per square mile

Most Densely Populated:
Ohio County (387.8)

Least Densely Populated:
Pocahontas County (8.4)

Population Density per Square Mile by County West Virginia, 2020 Exhibit 2



Source: U.S. Census Bureau. <http://census.gov/>

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

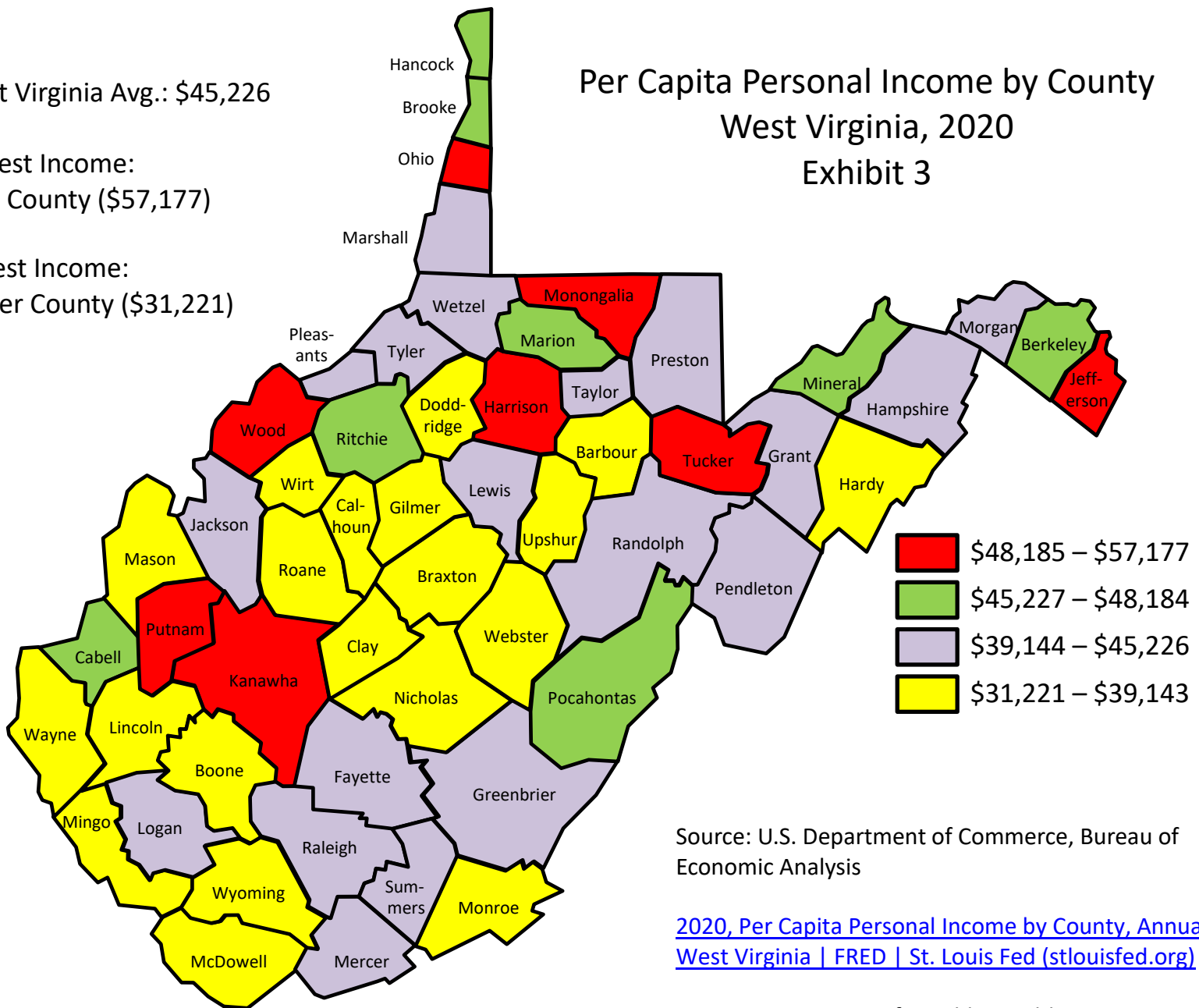
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Per Capita Personal Income by County West Virginia, 2020 Exhibit 3

West Virginia Avg.: \$45,226

Highest Income:
Ohio County (\$57,177)

Lowest Income:
Gilmer County (\$31,221)



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

[2020, Per Capita Personal Income by County, Annual: West Virginia | FRED | St. Louis Fed \(stlouisfed.org\)](https://fred.stlouisfed.org/series/WVPCPI)

Births, Deaths, Natural Increase, or Decrease and Net Migration
West Virginia Population, 1975-2020

Table 4

Year	Population	Number of Births	Number of Deaths	Natural Increase or Decrease	Net Migration (+ or -)	Percent Change (%)
1975	1,803,000	27,960	19,479	8,481	10,519	1.07%
1976	1,833,000	28,586	19,660	8,926	21,074	1.66%
1977	1,853,000	30,020	19,201	10,819	9,181	1.09%
1978	1,860,000	28,950	19,351	9,599	(2,599)	0.38%
1979	1,878,000	29,726	18,871	10,855	7,145	0.97%
1980 - a	1,949,644	29,438	19,718	9,720	61,924	3.81%
1981	1,954,000	27,810	19,039	8,771	(4,415)	0.22%
1982	1,957,000	27,263	18,796	8,467	(5,467)	0.15%
1983	1,965,000	25,875	19,293	6,582	1,418	0.41%
1984	1,952,000	24,551	19,182	5,369	(18,369)	-0.66%
1985	1,936,000	24,108	19,425	4,683	(20,683)	-0.82%
1986	1,919,000	23,179	19,858	3,321	(20,321)	-0.88%
1987	1,898,000	22,424	19,763	2,661	(23,661)	-1.09%
1988	1,877,000	21,849	19,780	2,069	(23,069)	-1.11%
1989 - b	1,857,000	22,067	19,525	2,542	(22,542)	-1.07%
1990 - a	1,793,477	22,582	19,360	3,222	(66,745)	-3.42%
1991	1,799,000	22,509	19,951	2,558	2,965	0.31%
1992	1,809,000	22,156	19,696	2,460	7,540	0.56%
1993	1,818,000	21,793	20,331	1,462	7,538	0.50%
1994	1,823,000	21,360	19,945	1,415	3,585	0.28%
1995	1,828,000	21,158	20,128	1,030	3,970	0.27%
1996	1,826,000	20,744	20,314	430	(2,430)	-0.11%
1997	1,816,000	20,735	20,872	(137)	(9,863)	-0.55%
1998	1,811,000	20,729	20,764	(35)	(4,965)	-0.28%
1999 - c	1,807,000	20,731	20,993	(262)	(3,738)	-0.22%
2000 - a	1,808,344	20,860	21,127	(267)	1,611	0.07%
2001	1,801,916	20,430	20,978	(548)	(5,880)	-0.36%
2002	1,801,873	20,725	20,999	(274)	231	0.00%
2003	1,810,354	20,986	21,299	(313)	8,794	0.47%
2004	1,815,354	20,911	20,776	135	4,865	0.28%
2005	1,816,856	20,834	20,773	61	1,441	0.08%
2006	1,818,470	20,931	20,649	282	1,332	0.09%
2007	1,812,035	22,017	21,067	950	(7,385)	-0.35%
2008	1,814,468	21,493	21,551	(58)	2,491	0.13%
2009 - d	1,819,777	21,275	21,385	(110)	5,419	0.29%
2010 - a	1,852,994	20,471	21,278	(807)	34,024	1.83%
2011 - e	1,855,364	20,705	21,870	(1,165)	3,535	0.13%
2012 - e	1,855,413	20,813	21,586	(773)	822	0.00%
2013 - e	1,854,304	20,829	21,846	(1,017)	(92)	-0.06%
2014 - e	1,850,326	20,303	22,164	(1,861)	(2,117)	-0.21%
2015 - e	1,844,128	19,778	22,643	(2,865)	(3,333)	-0.33%
2016 - e	1,831,102	19,070	22,721	(3,651)	(9,375)	-0.71%
2017 - e	1,815,857	18,679	23,290	(4,611)	(10,634)	-0.83%
2018 - e	1,805,832	18,243	23,462	(5,219)	(4,806)	-0.55%
2019 - e	1,792,147	18,090	23,291	(5,201)	(8,484)	-0.76%
2020 - a	1,784,787	17,327	26,108	(8,781)	1,421	-0.41%

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

b. Source of population data 1971 through 1989: U.S. Department of Commerce, Bureau of the Census, Current Population Reports. Series P-25 and P-26.

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

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

e. Source of population data 2011 through 2019: http://www.census.gov/popest/counties/CO-EST2019-popchg2010_2001.html

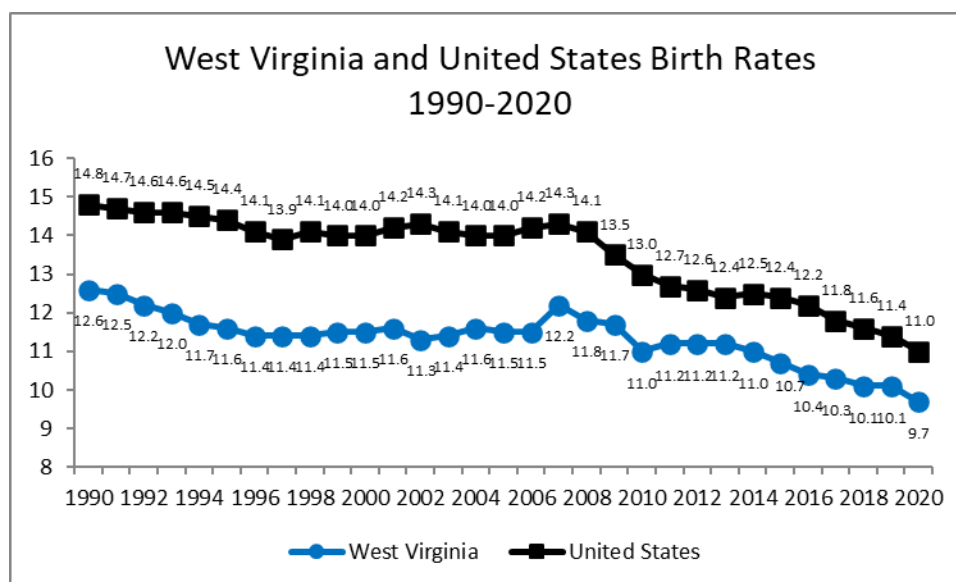
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West Virginia Vital Statistics
Births

Birth Summary

West Virginia's resident live births decreased by 763 or 4.2%, from 18,090 in 2019 to 17,327 in 2020. The 2020 birth rate decreased to 9.7 from 10.1 per 1,000 population in 2019. The U.S. 2020 birth rate was 11.0 live births per 1,000 population, decreasing 3.5% from the 2019 rate of 11.4. As the graph below shows, West Virginia's birth rate has been well below the national rate since 1990. The birth rate continued its overall decline until 1996 and remained relatively stable from 1996 to 2006, decreased from 2008-2010 and 2012-2020 with a slight increase in 2007 and 2011.



The 2020 U.S. fertility rate of 56.0 live births per 1,000 women aged 15-44 was 4.1% lower than the 2019 rate (58.3). West Virginia's fertility rate decreased by 3.7%, from 57.4 in 2019 to 55.3 in 2020. A comparison of West Virginia and U.S. age-specific fertility rates is displayed below.

Fertility Rates* by Age Group West Virginia and United States, 2020					
15-19		20-44		Total (15-44)	
WV	U.S.**	WV	U.S.**	WV	U.S.**
22.5	15.4	61.3	63.5	55.3	56.0

*All fertility rates were calculated using 2020 populations, U.S. Department of Commerce, Bureau of the Census.

**CDC Wonder, <http://wonder.cdc.gov/>

The fertility rate among women aged 15-19 years in West Virginia was 22.5 compared to the U.S. rate of 15.4, a difference of 37.5%. The fertility rate among women aged 20-44 years in West Virginia was 61.3 compared to the U.S. rate of 63.5, a difference of 3.5%. The fertility rate percentage difference among all women of childbearing ages (15-44) was 1.3% (55.3 vs. 56.0).

The number of births to teen mothers (ages 10-19) decreased by 143 (11.1%), from 1,293 in 2019 to 1,150 in 2020. This is the seventh year in a row that teen births have been below 2,000. The percentage of total births represented by teen births also decreased from 7.1% in 2019 to 6.6% in 2020. 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 (4.4% in 2020).

The percentage of births occurring out of wedlock increased in 2020. Nearly half (46.6%) of West Virginia resident births were to unwed mothers compared to 46.4% in 2019. The percentages of white and black births that occurred out of wedlock in West Virginia in 2020 were 45.4% and 71.8%, respectively, compared to 45.0% and 75.0% in 2019. In the U.S., 28.8% of births to white mothers (non-Hispanic) and 70.7% of births to black mothers (non-Hispanic) occurred out of wedlock in 2020. The percentage of births to unmarried teen mothers in the state increased from 89.1% in 2019 to 90.2% in 2020.

There were a total of 1,611 low birthweight babies (those weighing less than 2,500 grams or 5½ pounds) born to West Virginia residents in 2020, 9.3% of all births. Of the 1,611 low birthweight infants, 1,111 or 69.0% were preterm babies born before 37 weeks of gestation. Of all 2020 resident births with a known gestational age, 12.0% were preterm babies. In 2020, 9.0% of babies born to white mothers and 15.4% of babies born to black mothers were low birthweight. Nationally, 8.2% of all infants weighed less than 2,500 grams at birth in 2020; 6.8% of births to white mothers (non-Hispanic) and 14.2% of births to black mothers (non-Hispanic) were of low birthweight.

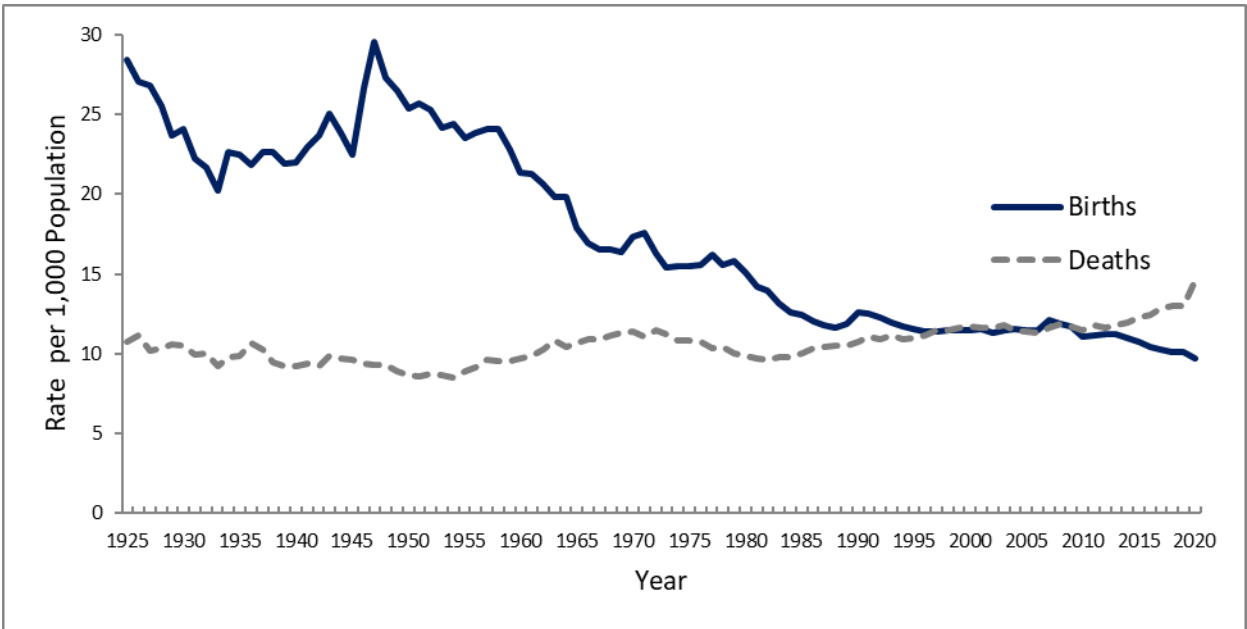
In 2020, 79.6% of West Virginia mothers with known prenatal care began their care during the first trimester of pregnancy, compared with 77.7% of mothers nationwide. Among those with known prenatal care in West Virginia, 80.2% of white mothers and 69.2% of black mothers began care during the first trimester. U.S. figures show that 82.9% of white, non-Hispanic mothers and 68.5% of black, non-Hispanic mothers had first trimester care. No prenatal care was received by 2.1% of white mothers and 2.5% of black mothers in West Virginia.

Over one in five (21.3%) births in 2020 were to mothers who smoked during their pregnancy. National figures from 2020 show that 5.5% of women giving birth reported smoking during pregnancy. Among the West Virginia mothers who reported smoking during pregnancy, 15.8% of the babies born were low birthweight, compared with 7.5% among non-smoking mothers. More than one-third (34.1%) of 2020 state births were delivered by Cesarean section, compared with a national rate of 31.8%. One or more medical risk factors were reported in 43.9% of the state resident births in 2020, and one or more complications of labor and/or delivery were reported for 39.8% of the state resident births. Maternal drug use during pregnancy was reported in 8.2% of all resident births in 2020.

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 Michigan, that is defined as a West Virginia resident birth and will be included as part of West Virginia's resident statistics; however, it is considered a Michigan occurrence.

Number and Rate of Resident Births (Compared to Deaths)
West Virginia, 1925-2020

Exhibit 4



Year	Births		Deaths	
	Number of Live Births	Rate per 1,000 Population	Number of Deaths	Rate per 1,000 Population
1925	45,240	28.4	17,132	10.8
1930	41,614	24.1	18,220	10.5
1935	41,775	22.5	18,342	9.9
1940	41,900	22.0	17,577	9.2
1945	38,446	22.5	16,464	9.6
1950	50,850	25.4	17,459	8.7
1955	44,199	23.5	16,712	8.9
1960	39,696	21.3	18,040	9.7
1965	31,958	17.9	19,121	10.7
1970	30,194	17.3	19,924	11.4
1975	27,960	15.5	19,479	10.8
1980	29,438	15.1	19,178	9.8
1985	24,108	12.5	19,425	10.0
1990	22,582	12.6	19,360	10.8
1995	21,158	11.6	20,128	11.0
2000	20,860	11.5	21,127	11.7
2005	20,834	11.5	20,773	11.4
2010	20,471	11.0	21,278	11.5
2011	20,705	11.2	21,870	11.8
2012	20,813	11.2	21,586	11.6
2013	20,829	11.2	21,856	11.8
2014	20,303	11.0	22,164	12.0
2015	19,778	10.7	22,643	12.3
2016	19,070	10.4	22,721	12.4
2017	18,679	10.3	23,290	12.8
2018	18,243	10.1	23,462	13.0
2019	18,090	10.1	23,291	13.0
2020	17,327	9.7	26,108	14.6

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Summary Totals
West Virginia Resident Births, 2020
Table 5

Characteristic	Number	Percent	Characteristic	Number	Percent
Total	17,327	100.0%			
Gender			Mother's Marital Status		
Male	8,795	50.8%	White or Caucasian		
Female	8,532	49.2%	Married	8,768	54.6%
Unknown	0		Not Married	7,290	45.4%
			Unknown	3	
Race of Mother			Black or African American		
White or Caucasian	16,061	92.9%	Married	180	28.2%
Black or African American	638	3.7%	Not Married	458	71.8%
Asian, Hawaiian or Pacific Islander	183	1.1%	Unknown	0	
Native American or Aleutian	24	0.1%	All Other Races		
Two or More Races	387	2.2%	Married	292	48.9%
All Other Races	3	0.0%	Not Married	305	51.1%
Unknown	31		Unknown	0	
Attendant at Birth			Unknown		
Physician	15,784	91.1%	Married	7	53.8%
Certified Nurse Midwife	1,361	7.9%	Not Married	6	46.2%
Direct Entry Midwife	47	0.3%	Unknown	18	
Lay Midwife	48	0.3%			
EMT/Paramedic	0	0.0%	Method of Delivery		
Other	85	0.5%	Vaginal	11,156	64.4%
Unknown	2		Vaginal after Previous Cesarean	255	1.5%
Place of Birth			Cesarean Section	5,916	34.1%
Hospital	16,843	97.2%	Primary	3,511	20.3%
Home	135	0.8%	Repeat	2,405	13.9%
Freestanding Birthing Center	327	1.9%			
En Route to Hospital	0	0.0%	One or More Reported Factors		
Clinic or Center	0	0.0%	Medical Risk Factors	7,611	43.9%
Other Specified Address (Not	22	0.1%	Complications of Labor and/or Delivery	6,901	39.8%
Unknown	0		Congenital Malformations	311	1.8%
Mother's Smoking Status			Abnormal Conditions of the Newborn	2,636	15.2%
Smoked During Pregnancy	3,698	21.3%			

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Percentages are calculated excluding unknown.

Birthweight by Age of Mother
West Virginia Resident Births, 2020
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.)	1	2	9	27	47	17	9	1	1	0	114
1,000 - 1,499 Grams (2.205 - 3.305 lbs.)	1	3	7	32	39	31	17	9	0	0	139
1,500 - 1,999 Grams (3.307 - 4.407 lbs.)	0	2	18	66	82	75	38	9	3	0	293
2,000 - 2,499 Grams (4.409 - 5.509 lbs.)	2	17	43	268	324	247	127	27	10	0	1,065
2,500 - 2,999 Grams (5.512 - 6.612 lbs.)	4	57	200	957	1,057	716	295	75	17	0	3,378
3,000 - 3,499 Grams (6.614 - 7.714 lbs.)	4	121	346	1,893	2,095	1,420	613	107	31	0	6,630
3,500 - 3,999 Grams (7.716 - 8.816 lbs.)	2	64	188	1,160	1,414	1,071	416	78	12	0	4,405
4,000 - 4,499 Grams (8.819 - 9.919 lbs.)	0	11	42	267	370	299	108	19	2	0	1,118
4,500 or more Grams (9.921 or more lbs.)	0	2	4	43	62	41	25	3	0	0	180
Unknown	0	0	0	0	1	2	0	2	0	0	5
Total	14	279	857	4,713	5,491	3,919	1,648	330	76	0	17,327

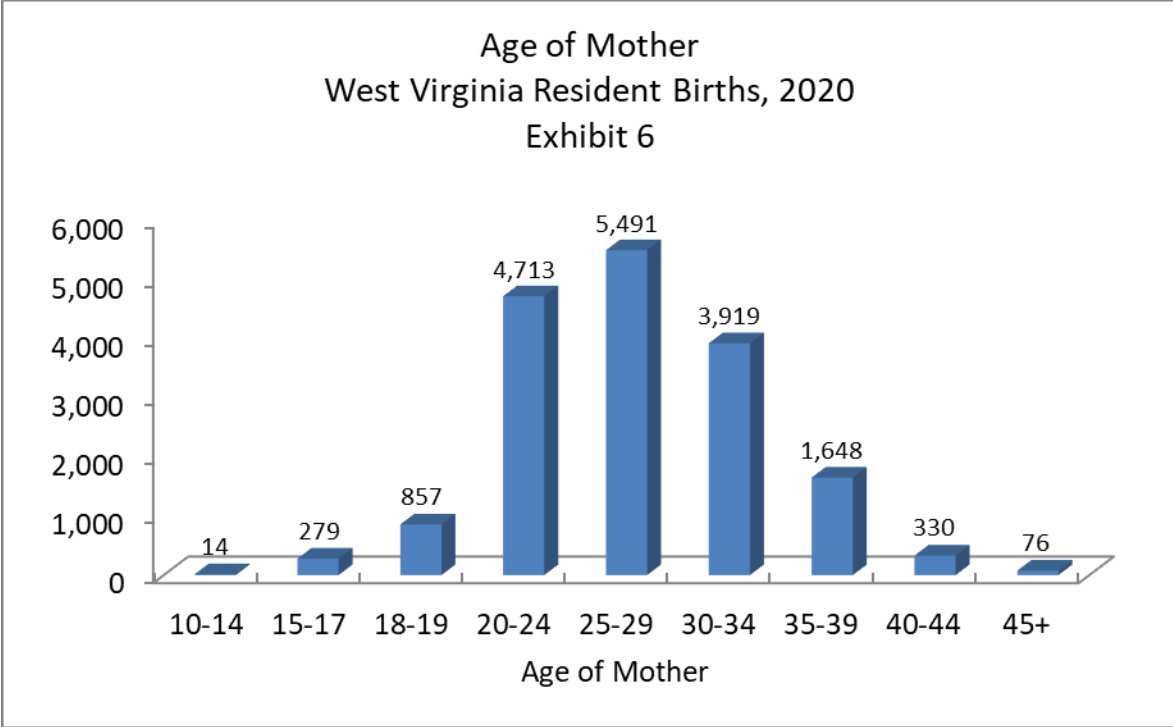
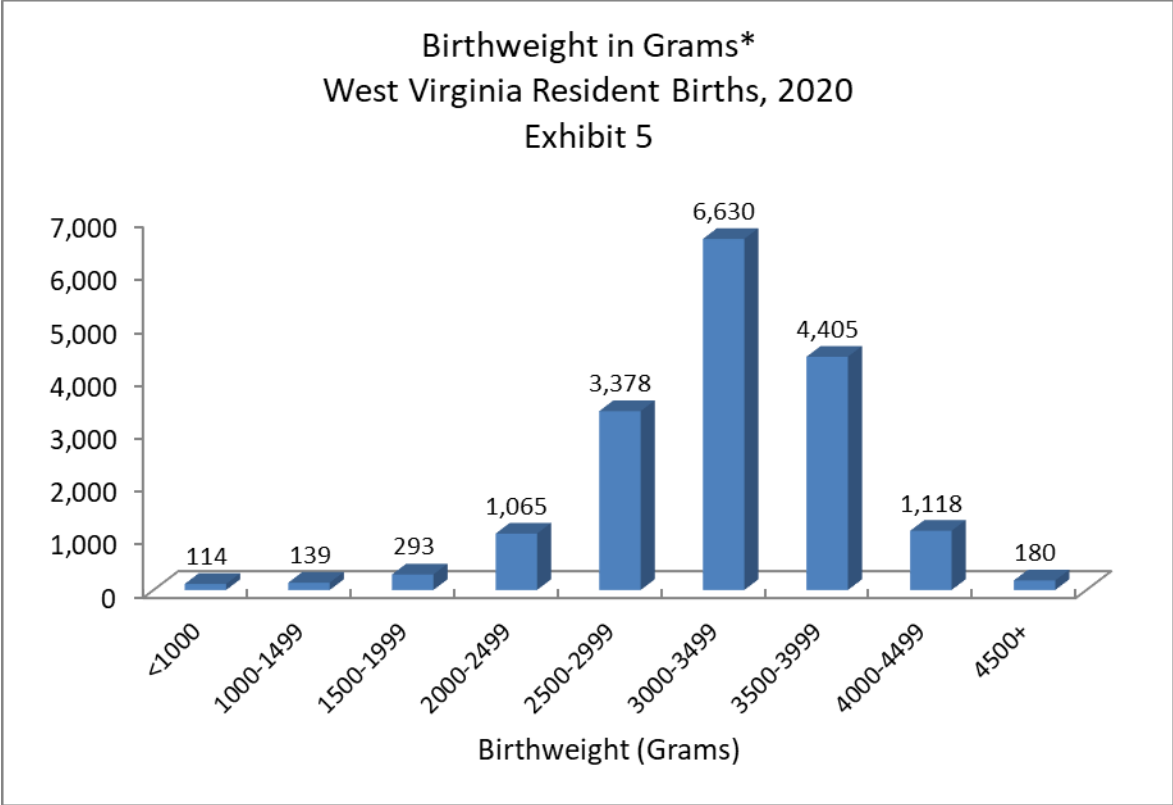
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Selected Factors by Birthweight of Infant
West Virginia Resident Births, 2020
Table 7

Factor	Very Low Birthweight <1,500 Grams		Moderately Low Birthweight 1,500-2,499 Grams		Normal Birthweight 2,500+ Grams		Unknown Birthweight	Total
	Number	Percent*	Number	Percent*	Number	Percent*	Number	Number
Total Births	253	1.5%	1,358	7.8%	15,711	90.7%	5	17,327
Maternal Age								
< 20 Years	23	2.0%	82	7.1%	1,045	90.9%	0	1,150
< 15 Years	2	14.3%	2	14.3%	10	71.4%	0	14
Maternal Race								
White or Caucasian	214	1.3%	1,237	7.7%	14,605	91.0%	5	16,061
Black or African American	19	3.0%	79	12.4%	540	84.6%	0	638
All Other Races	20	3.4%	36	6.0%	541	90.6%	0	597
Unknown	0	0.0%	6	19.4%	25	80.6%	0	31
Entrv Into Prenatal Care								
First Trimester	184	1.3%	983	7.2%	12,548	91.5%	0	13,715
Second Trimester	35	1.4%	214	8.3%	2,321	90.3%	0	2,570
Third Trimester	2	0.3%	48	8.3%	530	91.4%	4	584
No Prenatal Care	22	6.0%	87	23.8%	257	70.2%	1	367
Unknown	10	11.0%	26	28.6%	55	60.4%	0	91
Gestational Age								
< 32 Weeks	198	73.6%	64	23.8%	7	2.6%	0	269
32-36 Weeks	50	2.8%	799	44.0%	968	53.3%	0	1,817
37-38 Weeks	3	0.1%	401	8.1%	4,568	91.9%	1	4,973
39+ Weeks	2	0.0%	93	0.9%	10,164	99.1%	0	10,259
Unknown	0	0.0%	1	20.0%	4	80.0%	4	9
Mother's Education Level								
8th Grade or Less	6	3.3%	21	11.5%	155	85.2%	0	182
9th-12th Grade, No Diploma	30	1.6%	217	11.5%	1,632	86.9%	0	1,879
High School Graduate or GED Completed	95	1.7%	465	8.1%	5,197	90.3%	2	5,759
Some College Credit but No Degree	55	1.5%	257	7.2%	3,240	91.2%	0	3,552
Associate's Degree	26	1.5%	143	8.1%	1,600	90.4%	0	1,769
Bachelor's Degree	26	1.0%	143	5.7%	2,348	93.3%	0	2,517
Master's Degree	12	1.0%	72	6.1%	1,088	92.8%	1	1,173
Doctorate or Professional Degree	3	0.7%	28	6.9%	372	92.3%	0	403
Unknown	0	0.0%	12	13.2%	79	86.8%	2	93
Mother's Marital Status								
Married	106	1.1%	609	6.6%	8,529	92.3%	3	9,247
Not Married	147	1.8%	746	9.3%	7,164	88.9%	2	8,059
Unknown	0	0.0%	3	14.3%	18	85.7%	0	21

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*Percentages are calculated excluding unknown birthweight.

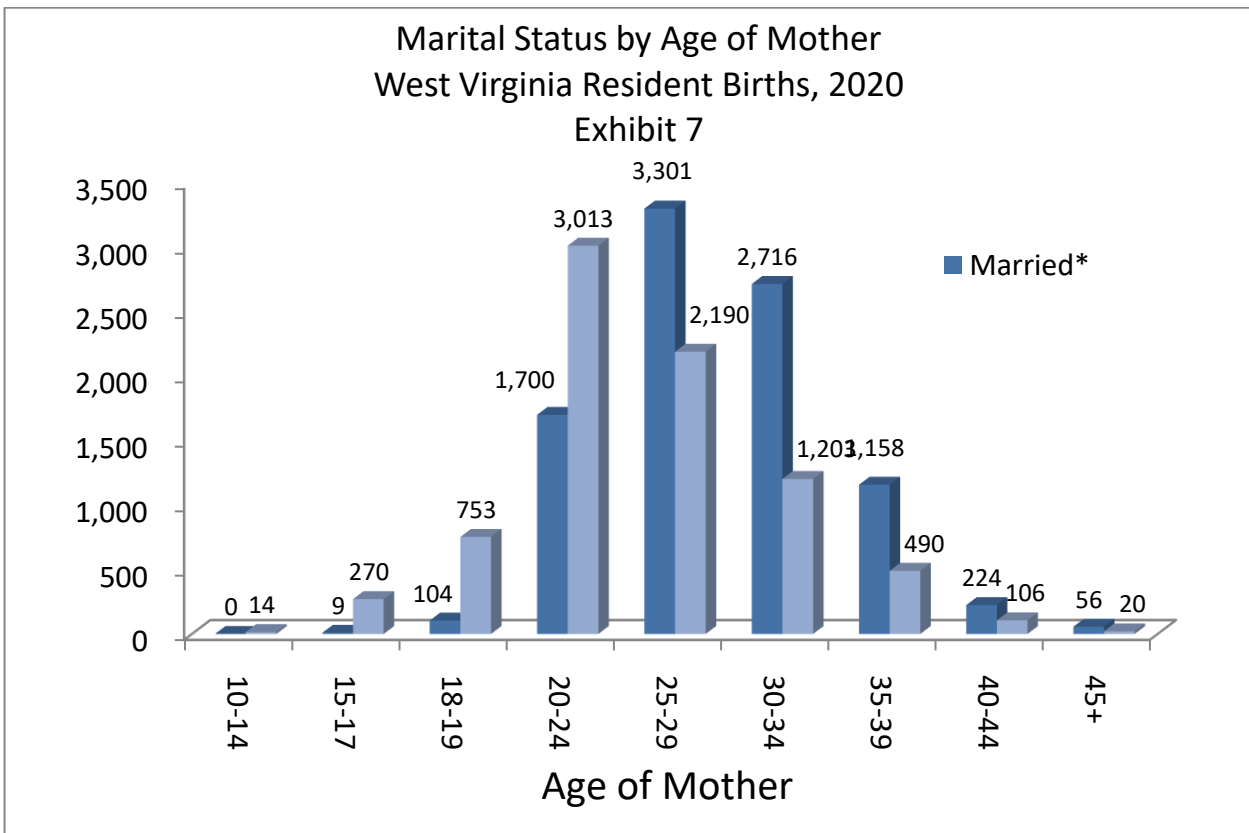


*See Appendix C, page 180 for grams/pounds conversion.
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Marital Status by Age of Mother
West Virginia Resident Births, 2016-2020

Table 8

Age of Mother	2016		2017		2018		2019		2020	
	Married*	Un-married	Married*	Un-married	Married*	Un-married	Married*	Un-married	Married*	Un-married
10-14	0	16	0	10	0	10	0	10	0	14
15-17	18	354	18	271	13	245	18	259	9	270
18-19	168	1,004	148	976	144	909	123	883	104	753
20-24	2,147	3,356	2,070	3,346	1,922	3,206	1,842	3,228	1,700	3,013
25-29	3,710	2,159	3,490	2,249	3,487	2,283	3,409	2,243	3,301	2,190
30-34	2,995	1,082	2,926	1,065	2,885	1,037	2,816	1,124	2,716	1,203
35-39	1,246	463	1,266	441	1,225	475	1,186	526	1,158	490
40-44	214	76	238	91	231	82	270	84	224	106
45+	39	23	51	23	60	29	43	26	56	20
Unknown	0	0	0	0	0	0	0	0	0	0
WV Total	10,537	8,533	10,207	8,472	9,967	8,276	9,707	8,383	9,268	8,059

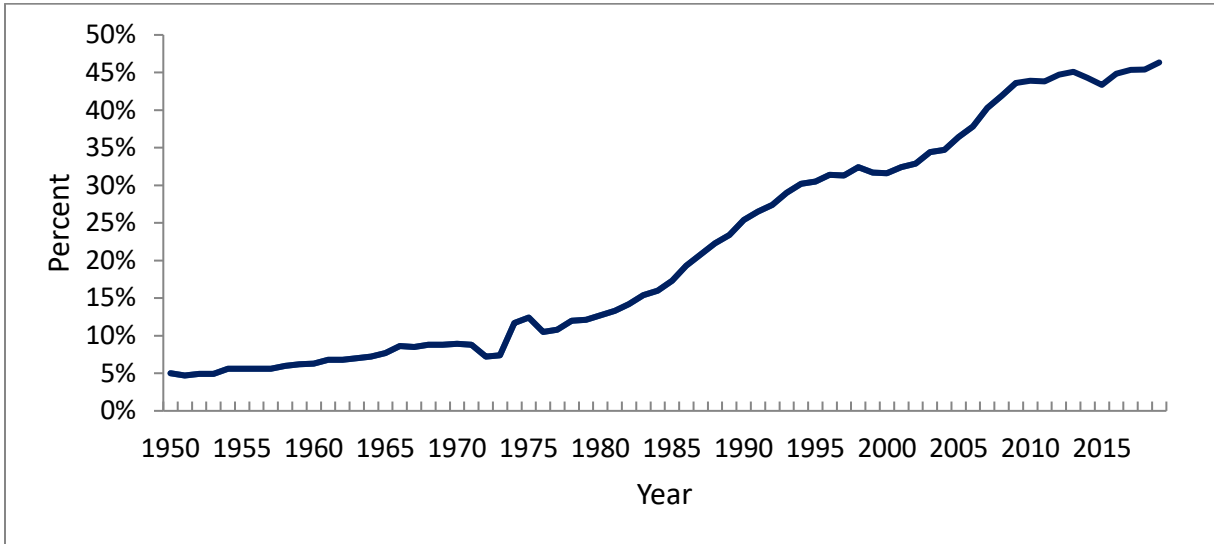


*Includes unknown marital status: 2016 – 25; 2017 – 4; 2018 – 25; 2019 – 16; 2020-21

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**Percent of Births to Unmarried Mothers
West Virginia Residents, 1950-2020
Exhibit 8**



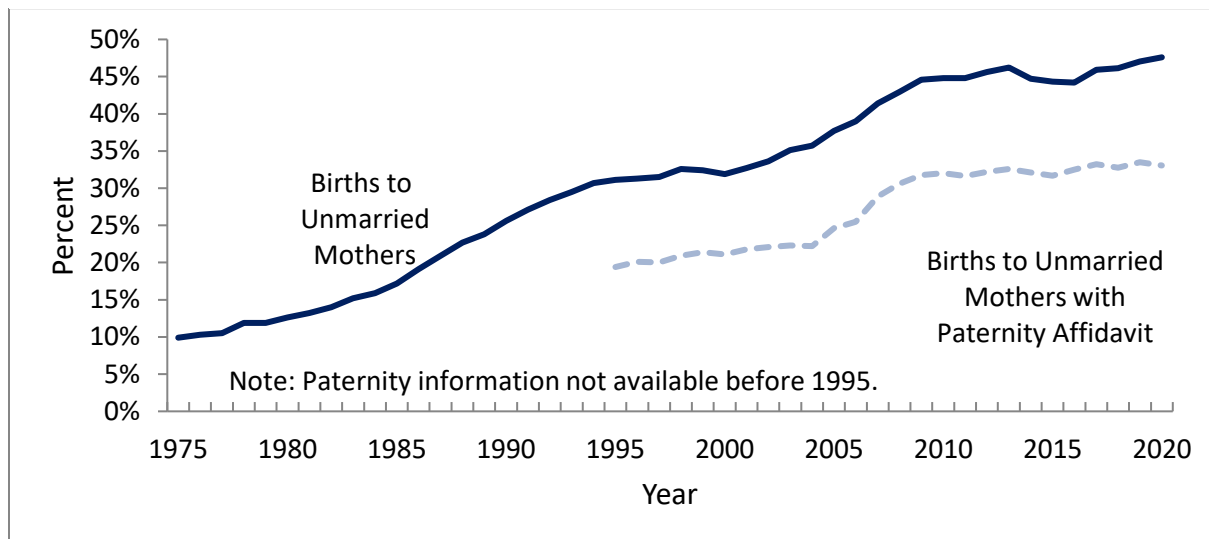
Year	Resident Births to Unmarried Mothers	
	Number	Percent of Total Births
1950	2,519	5.0%
1955	2,472	5.6%
1960	2,485	6.3%
1965	2,464	7.7%
1970	2,699	8.9%
1975	3,471	12.4%
1980	3,743	12.7%
1985	4,159	17.3%
1990	5,739	25.4%
1995	6,462	30.5%
2000	6,595	31.6%
2005	7,589	36.4%
2010	8,970	43.9%
2015	8,576	43.4%
2016	8,533	44.8%
2017	8,472	45.4%
2018	8,276	45.4%
2019	8,383	46.4%
2020	8,059	46.6%

Note: 2010 and 2015 through 2020 percentages are calculated excluding unknown marital status.

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Health Statistics Center, Vital Statistics System, 2022

Percent of Births to Unmarried Mothers and
 Unmarried Mothers with Paternity Affidavit
 West Virginia Occurrence Births, 1975-2020

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%
2015	9,047	44.3%	6,463	31.7%
2016	9,021	44.2%	6,453	32.5%
2017	8,837	45.9%	6,396	33.2%
2018	8,772	46.1%	6,225	32.7%
2019	8,928	47.0%	6,359	33.5%
2020	8,748	47.6%	6,078	33.1%

Note: 2010 and 2015 through 2020 percentages are calculated excluding unknown marital status.

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 Health Statistics Center, Vital Statistics System, 2022

Selected Factors by Race of Mother
West Virginia Resident Births, 2020
Table 9

Factor	White or Caucasian		Black or African American		All Other Races		Unknown	Total	
	Number	Percent*	Number	Percent*	Number	Percent*	Number	Number	Percent*
Total Births	16,061		638		597		31	17,327	
<u>Low Birthweight</u> (< 2,500)	1,451	9.0%	98	15.4%	56	9.4%	6	1,611	9.3%
<u>Maternal Age</u>									
Mothers < 20 Years	1,066	6.6%	37	5.8%	47	7.9%	0	1,150	6.6%
Mothers < 15 Years	13	0.1%	0	0.0%	1	0.2%	0	14	0.1%
<u>Entry Into Prenatal Care</u>									
First Trimester	12,824	80.3%	438	69.2%	440	74.1%	13	13,715	79.6%
Second Trimester	2,300	14.4%	145	22.9%	118	19.9%	7	2,570	14.9%
Third Trimester	519	3.2%	34	5.4%	26	4.4%	5	584	3.4%
No Prenatal Care	335	2.1%	16	2.5%	10	1.7%	6	367	2.1%
Unknown	83		5		3		0	91	
<u>Gestational Age</u>									
< 32 Weeks	231	1.4%	17	2.7%	21	3.5%	0	269	1.6%
32-36 Weeks	1,656	10.3%	104	16.3%	50	8.4%	7	1,817	10.5%
37-38 Weeks	4,621	28.8%	182	28.5%	160	26.8%	10	4,973	28.7%
39+ Weeks	9,545	59.5%	335	52.5%	366	61.3%	13	10,259	59.2%
Unknown	8		0		0		1	9	
<u>Place of Birth</u>									
Hospital*	15,916	99.1%	635	99.5%	591	99.0%	28	17,170	99.1%
Non-Hospital	145	0.9%	3	0.5%	6	1.0%	3	157	0.9%
Unknown	0		0		0		0	0	

*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, 2020
Table 10

Birth Characteristics	Time Prenatal Care Began									Total
	First Trimester		Second Trimester		Third Trimester		No Care		Un-known	
	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*		
Mother's Race: All Races	13,715	79.6%	2,570	14.9%	584	3.4%	367	2.1%	91	17,327
Mother's Marital Status										
Married	7,844	85.2%	1,039	11.3%	206	2.2%	114	1.2%	44	9,247
Not Married	5,865	73.2%	1,525	19.0%	373	4.7%	249	3.1%	47	8,059
Unknown	6	28.6%	6	28.6%	5	23.8%	4	19.0%	0	21
Mother's Educational Level										
8th Grade or Less	109	60.2%	54	29.8%	10	5.5%	8	4.4%	1	182
9th-12th Grade, No Diploma	1,280	68.5%	395	21.1%	117	6.3%	77	4.1%	10	1,879
High School Graduate or GED Completed	4,351	76.0%	1,025	17.9%	218	3.8%	133	2.3%	32	5,759
Some College Credit but No Degree	2,801	79.3%	539	15.3%	112	3.2%	78	2.2%	22	3,552
Associate's Degree	1,504	85.4%	199	11.3%	37	2.1%	22	1.2%	7	1,769
Bachelor's Degree	2,216	88.3%	218	8.7%	47	1.9%	28	1.1%	8	2,517
Master's Degree	1,056	90.7%	87	7.5%	17	1.5%	4	0.3%	9	1,173
Doctorate or Professional Degree	358	89.3%	32	8.0%	7	1.7%	4	1.0%	2	403
Unknown	40	43.0%	21	22.6%	19	20.4%	13	14.0%	0	93
Mother's Race: White or Caucasian	12,824	80.3%	2,300	14.4%	519	3.2%	335	2.1%	83	16,061
Mother's Marital Status										
Married	7,479	85.7%	956	11.0%	183	2.1%	108	1.2%	42	8,768
Not Married	5,345	73.7%	1,342	18.5%	335	4.6%	227	3.1%	41	7,290
Unknown	0	0.0%	2	66.7%	1	33.3%	0	0.0%	0	3
Mother's Educational Level										
8th Grade or Less	102	61.1%	47	28.1%	10	6.0%	8	4.8%	0	167
9th-12th Grade, No Diploma	1,197	68.3%	370	21.1%	111	6.3%	74	4.2%	9	1,761
High School Graduate or GED Completed	4,099	76.9%	911	17.1%	199	3.7%	124	2.3%	29	5,362
Some College Credit but No Degree	2,586	80.2%	478	14.8%	90	2.8%	70	2.2%	20	3,244
Associate's Degree	1,429	85.8%	185	11.1%	34	2.0%	17	1.0%	7	1,672
Bachelor's Degree	2,079	88.6%	199	8.5%	42	1.8%	27	1.2%	7	2,354
Master's Degree	992	91.5%	73	6.7%	15	1.4%	4	0.4%	9	1,093
Doctorate or Professional Degree	316	90.0%	27	7.7%	4	1.1%	4	1.1%	2	353
Unknown	24	43.6%	10	18.2%	14	25.5%	7	12.7%	0	55

West Virginia Bureau for Public Health

*Percentages are calculated excluding unknown.

Health Statistics Center, Vital Statistics System, 2022

Prenatal Care by Mother's Race, Marital Status and Education
West Virginia Resident Births, 2020
Table 10 (Cont'd)

Birth Characteristics	Time Prenatal Care Began								Un- known	Total
	First Trimester		Second Trimester		Third Trimester		No Care			
	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*		
<u>Mother's Race: Black or African American</u>	438	69.2%	145	22.9%	34	5.4%	16	2.5%	5	638
<u>Mother's Marital Status</u>										
Married	133	74.7%	31	17.4%	11	6.2%	3	1.7%	2	180
Not Married	305	67.0%	114	25.1%	23	5.1%	13	2.9%	3	458
Unknown	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0
<u>Mother's Educational Level</u>										
8th Grade or Less	3	37.5%	5	62.5%	0	0.0%	0	0.0%	0	8
9th-12th Grade, No Diploma	42	73.7%	12	21.1%	1	1.8%	2	3.5%	1	58
High School Graduate or GED Completed	139	61.2%	69	30.4%	14	6.2%	5	2.2%	2	229
Some College Credit but No Degree	117	70.5%	33	19.9%	12	7.2%	4	2.4%	1	167
Associate's Degree	44	75.9%	8	13.8%	1	1.7%	5	8.6%	0	58
Bachelor's Degree	60	87.0%	7	10.1%	2	2.9%	0	0.0%	1	70
Master's Degree	22	75.9%	5	17.2%	2	6.9%	0	0.0%	0	29
Doctorate or Professional Degree	10	66.7%	3	20.0%	2	13.3%	0	0.0%	0	15
Unknown	1	0.0%	3	0.0%	0	0.0%	0	0.0%	0	4
<u>Mother's Race: All Other Races</u>	440	74.1%	118	19.9%	26	4.4%	10	1.7%	3	597
<u>Mother's Marital Status</u>										
Married	228	78.1%	50	17.1%	12	4.1%	2	0.7%	0	292
Not Married	212	70.2%	68	22.5%	14	4.6%	8	2.6%	3	305
Unknown	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0
<u>Mother's Educational Level</u>										
8th Grade or Less	4	66.7%	2	33.3%	0	0.0%	0	0.0%	1	7
9th-12th Grade, No Diploma	41	68.3%	13	21.7%	5	8.3%	1	1.7%	0	60
High School Graduate or GED Completed	113	68.1%	44	26.5%	5	3.0%	4	2.4%	1	167
Some College Credit but No Degree	98	70.0%	28	20.0%	10	7.1%	4	2.9%	1	141
Associate's Degree	31	79.5%	6	15.4%	2	5.1%	0	0.0%	0	39
Bachelor's Degree	76	82.6%	12	13.0%	3	3.3%	1	1.1%	0	92
Master's Degree	42	82.4%	9	17.6%	0	0.0%	0	0.0%	0	51
Doctorate or Professional Degree	32	91.4%	2	5.7%	1	2.9%	0	0.0%	0	35
Unknown	3	60.0%	2	40.0%	0	0.0%	0	0.0%	0	5

West Virginia Bureau for Public Health

*Percentages are calculated excluding unknown.

Health Statistics Center, Vital Statistics System, 2022

Births by Method of Delivery
Number and Percent by Facility of Occurrence
West Virginia, 2020
Table 11

Hospital	Method of Delivery											
	Total	Vaginal		Vaginal after Cesarean Section		Total Cesarean Section		Primary Cesarean Section		Repeat Cesarean Section		Un- known
		Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*	
Berkeley Medical Center	1,104	745	67.5%	32	2.9%	327	29.6%	191	17.3%	136	12.3%	0
Bluefield Regional Medical Center	166	93	56.0%	2	1.2%	71	42.8%	42	25.3%	29	17.5%	0
C.A.M.C. - Women & Children's Hospital	2,740	1,658	60.5%	26	0.9%	1,056	38.5%	631	23.0%	425	15.5%	0
Cabell-Huntington Hospital	2,639	1,653	62.6%	24	0.9%	962	36.5%	549	20.8%	413	15.6%	0
Davis Medical Center	226	149	65.9%	1	0.4%	76	33.6%	35	15.5%	41	18.1%	0
Fairmont Regional Medical Center	29	18	62.1%	0	0.0%	11	37.9%	9	31.0%	2	6.9%	0
FamilyCare OB/GYN & Birth Center	19	19	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Grant Memorial Hospital	249	150	60.2%	1	0.4%	98	39.4%	51	20.5%	47	18.9%	0
Greenbrier Valley Medical Center	391	301	77.0%	4	1.0%	86	22.0%	66	16.9%	20	5.1%	0
Jackson General Hospital	1	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0
Logan Regional Medical Center	175	121	69.1%	0	0.0%	54	30.9%	54	30.9%	0	0.0%	0
Monongalia General Hospital	903	582	64.5%	9	1.0%	312	34.6%	195	21.6%	117	13.0%	0
Pleasant Valley Hospital	13	10	76.9%	1	7.7%	2	15.4%	1	7.7%	1	7.7%	0
Preston Memorial Hospital	1	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Princeton Community Hospital	813	563	69.2%	6	0.7%	244	30.0%	151	18.6%	93	11.4%	0
Raleigh General Hospital	838	602	71.8%	19	2.3%	217	25.9%	112	13.4%	105	12.5%	0
Reynolds Memorial Hospital	218	139	63.8%	1	0.5%	78	35.8%	58	26.6%	20	9.2%	0
St. Joseph's Hospital	303	228	75.2%	10	3.3%	65	21.5%	39	12.9%	26	8.6%	0
St. Mary's Medical Center	316	220	69.6%	6	1.9%	90	28.5%	56	17.7%	34	10.8%	0
Stonewall Jackson Memorial Hospital	166	99	59.6%	4	2.4%	63	38.0%	30	18.1%	33	19.9%	0
Thomas Memorial Hospital	795	400	50.3%	13	1.6%	382	48.1%	193	24.3%	189	23.8%	0
United Hospital Center	995	679	68.2%	23	2.3%	293	29.4%	155	15.6%	138	13.9%	0
University Healthcare Jefferson Medical Center	213	155	72.8%	0	0.0%	58	27.2%	29	13.6%	29	13.6%	0
WVU Hospitals, Inc.	2,037	1,286	63.1%	66	3.2%	685	33.6%	452	22.2%	233	11.4%	0
WVU Medicine Camden Clark Medical Center	1,176	746	63.4%	5	0.4%	425	36.1%	218	18.5%	207	17.6%	0
Webster County Memorial Hospital	3	3	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Weirton Medical Center	524	342	65.3%	9	1.7%	173	33.0%	103	19.7%	70	13.4%	0
Wetzel County Hospital	1	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Wheeling Hospital	1,167	751	64.4%	3	0.3%	413	35.4%	335	28.7%	78	6.7%	0
--Non-Hospital	159	154	96.9%	5	3.1%	0	0.0%	0	0.0%	0	0.0%	0
West Virginia Total Occurrences	18,380	11,868	64.6%	271	1.5%	6,241	34.0%	3,755	20.4%	2,486	13.5%	0

West Virginia Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2022

*Percentages are calculated excluding unknown.

Full-Term Births (39 or More Weeks Gestation) by Method of Delivery
 Number and Percent by Facility of Occurrence
 West Virginia, 2020
 Table 12

Hospital	Method of Delivery											
	Total	Vaginal		Vaginal after Cesarean Section		Total Cesarean Section		Primary Cesarean Section		Repeat Cesarean Section		Un- known
		Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*	
Berkeley Medical Center	601	420	69.9%	19	3.2%	162	27.0%	99	16.5%	63	10.5%	0
Bluefield Regional Medical Center	89	57	64.0%	1	1.1%	31	34.8%	20	22.5%	11	12.4%	0
C.A.M.C. - Women & Children's Hospital	1,763	1,185	67.2%	17	1.0%	561	31.8%	330	18.7%	231	13.1%	0
Cabell-Huntington Hospital	1,199	839	70.0%	8	0.7%	352	29.4%	184	15.3%	168	14.0%	0
Davis Medical Center	147	100	68.0%	1	0.7%	46	31.3%	21	14.3%	25	17.0%	0
Fairmont Regional Medical Center	15	8	53.3%	0	0.0%	7	46.7%	6	40.0%	1	6.7%	0
FamilyCare OB/GYN & Birth Center	13	13	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Grant Memorial Hospital	165	98	59.4%	1	0.6%	66	40.0%	34	20.6%	32	19.4%	0
Greenbrier Valley Medical Center	276	223	80.8%	2	0.7%	51	18.5%	37	13.4%	14	5.1%	0
Jackson General Hospital	1	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0
Logan Regional Medical Center	75	62	82.7%	0	0.0%	13	17.3%	13	17.3%	0	0.0%	0
Monongalia General Hospital	644	417	64.8%	5	0.8%	222	34.5%	136	21.1%	86	13.4%	0
Pleasant Valley Hospital	13	10	76.9%	1	7.7%	2	15.4%	1	7.7%	1	7.7%	0
Preston Memorial Hospital	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Princeton Community Hospital	448	325	72.5%	4	0.9%	119	26.6%	70	15.6%	49	10.9%	0
Raleigh General Hospital	492	356	72.4%	10	2.0%	126	25.6%	56	11.4%	70	14.2%	0
Reynolds Memorial Hospital	127	88	69.3%	0	0.0%	39	30.7%	29	22.8%	10	7.9%	0
St. Joseph's Hospital	226	172	76.1%	6	2.7%	48	21.2%	30	13.3%	18	8.0%	0
St. Mary's Medical Center	196	141	71.9%	4	2.0%	51	26.0%	34	17.3%	17	8.7%	0
Stonewall Jackson Memorial Hospital	116	74	63.8%	3	2.6%	39	33.6%	17	14.7%	22	19.0%	0
Thomas Memorial Hospital	400	214	53.5%	3	0.8%	183	45.8%	82	20.5%	101	25.3%	0
United Hospital Center	662	460	69.5%	19	2.9%	183	27.6%	89	13.4%	94	14.2%	0
University Healthcare Jefferson Medical Center	148	103	69.6%	0	0.0%	45	30.4%	26	17.6%	19	12.8%	0
WVU Hospitals, Inc.	1,015	717	70.6%	43	4.2%	255	25.1%	166	16.4%	89	8.8%	0
WVU Medicine Camden Clark Medical Center	558	375	67.2%	3	0.5%	180	32.3%	98	17.6%	82	14.7%	0
Webster County Memorial Hospital	1	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Weirton Medical Center	343	227	66.2%	6	1.7%	110	32.1%	64	18.7%	46	13.4%	0
Wetzel County Hospital	1	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Wheeling Hospital	717	491	68.5%	2	0.3%	224	31.2%	173	24.1%	51	7.1%	0
---Non-Hospital	109	107	98.2%	2	1.8%	0	0.0%	0	0.0%	0	0.0%	0
West Virginia Total Occurrences	10,560	7,284	69.0%	161	1.5%	3,115	29.5%	1,815	17.2%	1,300	12.3%	0

West Virginia Bureau for Public Health
 Health Statistics Center, Vital Statistics System, 2022

*Percentages are calculated excluding unknown

Labor-Induced Births by Method of Delivery
Number and Percent by Facility of Occurrence
West Virginia, 2020
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*	
Berkeley Medical Center	539	424	78.7%	18	3.3%	97	18.0%	81	15.0%	16	3.0%	0
Bluefield Regional Medical Center	75	53	70.7%	1	1.3%	21	28.0%	20	26.7%	1	1.3%	0
C.A.M.C. - Women & Children's Hospital	1,404	1,144	0.0%	11	0.0%	249	0.0%	219	0.0%	30	0.0%	0
Cabell-Huntington Hospital	1,549	1,368	0.0%	14	0.0%	167	0.0%	146	0.0%	21	0.0%	0
Davis Medical Center	119	96	80.7%	1	0.8%	22	18.5%	22	18.5%	0	0.0%	0
Fairmont Regional Medical Center	12	8	66.7%	0	0.0%	4	33.3%	4	33.3%	0	0.0%	0
FamilyCare OB/GYN & Birth Center	1	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Grant Memorial Hospital	139	111	79.9%	0	0.0%	28	20.1%	27	19.4%	1	0.7%	0
Greenbrier Valley Medical Center	171	140	0.0%	0	0.0%	31	0.0%	29	0.0%	2	0.0%	0
Jackson General Hospital	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Logan Regional Medical Center	59	50	84.7%	0	0.0%	9	15.3%	9	15.3%	0	0.0%	0
Monongalia General Hospital	334	265	79.3%	0	0.0%	69	20.7%	69	20.7%	0	0.0%	0
Pleasant Valley Hospital	8	8	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Preston Memorial Hospital	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Princeton Community Hospital	438	365	83.3%	4	0.9%	69	15.8%	60	13.7%	9	2.1%	0
Raleigh General Hospital	374	330	88.2%	2	0.5%	42	11.2%	41	11.0%	1	0.3%	0
Reynolds Memorial Hospital	122	92	75.4%	0	0.0%	30	24.6%	29	23.8%	1	0.8%	0
St. Joseph's Hospital	144	116	0.0%	2	0.0%	26	0.0%	25	0.0%	1	0.0%	0
St. Mary's Medical Center	196	168	85.7%	3	1.5%	25	12.8%	21	10.7%	4	2.0%	0
Stonewall Jackson Memorial Hospital	47	41	87.2%	0	0.0%	6	12.8%	4	8.5%	2	4.3%	0
Thomas Memorial Hospital	344	266	77.3%	2	0.6%	76	22.1%	74	21.5%	2	0.6%	0
United Hospital Center	361	291	0.0%	2	0.0%	68	0.0%	64	0.0%	4	0.0%	0
University Healthcare Jefferson Medical Center	83	68	81.9%	0	0.0%	15	18.1%	15	18.1%	0	0.0%	0
WVU Hospitals, Inc.	1,062	817	76.9%	43	4.0%	202	19.0%	181	17.0%	21	2.0%	0
WVU Medicine Camden Clark Medical Center	395	331	83.8%	0	0.0%	64	16.2%	56	14.2%	8	2.0%	0
Webster County Memorial Hospital	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Weirton Medical Center	260	200	0.0%	2	0.0%	58	0.0%	53	0.0%	5	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	448	369	82.4%	2	0.4%	77	17.2%	76	17.0%	1	0.2%	0
---Non-Hospital	1	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
West Virginia Total Occurrences	8,685	7,123	82.0%	107	1.2%	1,455	16.8%	1,325	15.3%	130	1.5%	0

West Virginia Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2022

*Percentages are calculated excluding unknown

Mother's Marital Status and Method of Paternity Establishment
 Unmarried Mothers by Hospital of Birth
 West Virginia Occurrences, 2020
 Table 14

Hospital	Total Births	Mother's Marital Status			Mother Unmarried with Paternity Established			Mother Unmarried with Father Unknown
		Married (or Un-known)	Un-married	Percent Un-married	Paternity Affidavit Accepted	Percent of Un-married Births	Father Established by Other Methods	
Berkeley Medical Center	1,104	511	593	53.7%	433	73.0%	18	142
Bluefield Regional Medical Center	166	87	79	47.6%	50	63.3%	0	29
C.A.M.C. - Women & Children's	2,740	1,493	1,247	45.5%	849	68.1%	28	370
Cabell-Huntington Hospital	2,639	1,331	1,308	49.6%	917	70.1%	48	343
Davis Medical Center	226	109	117	51.8%	86	73.5%	3	28
Fairmont Regional Medical Center	29	10	19	65.5%	10	52.6%	1	8
FamilyCare OB/GYN & Birth Center	19	12	7	36.8%	1	14.3%	1	5
Grant Memorial Hospital	249	100	149	59.8%	112	75.2%	4	33
Greenbrier Valley Medical Center	391	191	200	51.2%	148	74.0%	6	46
Jackson General Hospital	1	1	0	0.0%	0	0.0%	0	0
Logan Regional Medical Center	175	62	113	64.6%	27	23.9%	2	84
Monongalia General Hospital	903	624	279	30.9%	216	77.4%	7	56
Pleasant Valley Hospital	13	9	4	30.8%	3	75.0%	0	1
Preston Memorial Hospital	1	0	1	100.0	1	100.0%	0	0
Princeton Community Hospital	813	426	387	47.6%	267	69.0%	16	104
Raleigh General Hospital	838	380	458	54.7%	223	48.7%	18	217
Reynolds Memorial Hospital	218	96	122	56.0%	84	68.9%	5	33
St. Joseph's Hospital	303	142	161	53.1%	121	75.2%	4	36
St. Mary's Medical Center	316	221	95	30.1%	70	73.7%	8	17
Stonewall Jackson Memorial Hospital	166	63	103	62.0%	77	74.8%	0	26
Thomas Memorial Hospital	795	382	413	51.9%	286	69.2%	8	119
United Hospital Center	995	534	461	46.3%	371	80.5%	6	84
University Healthcare Jefferson	213	94	119	55.9%	92	77.3%	0	27
WVU Hospitals, Inc.	2,037	1,184	853	41.9%	601	70.5%	33	219
WVU Medicine Camden Clark Medical	1,176	587	589	50.1%	355	60.3%	11	223
Webster County Memorial Hospital	3	2	1	33.3%	0	0.0%	0	1
Weirton Medical Center	524	221	303	57.8%	255	84.2%	7	41
Wetzel County Hospital	1	1	0	0.0%	0	0.0%	0	0
Wheeling Hospital	1,167	639	528	45.2%	405	76.7%	6	117
---Non-Hospital	159	120	39	24.5%	18	46.2%	1	20
WV Total Occurrences	18,380	9,632	8,748	47.6%	6,078	69.5%	241	2,429

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Out-of-State Occurrences
West Virginia Resident Births, 2016-2020
Table 15

State	2016 Births	2017 Births	2018 Births	2019 Births	2020 Births
Virginia	868	933	901	937	941
Maryland	622	626	612	576	597
Ohio	418	465	461	441	425
Kentucky	143	167	141	138	160
Pennsylvania	89	106	106	90	103
North Carolina	7	6	4	5	3
District of Columbia	3	2	6	5	6
Tennessee	7	1	2	4	5
Florida	2	1	6	4	5
Texas	3	0	3	1	4
South Carolina	0	1	1	4	0
Utah	2	1	2	0	1
California	0	2	0	2	3
Georgia	1	2	0	1	0
Michigan	1	1	2	0	0
New Jersey	1	2	1	0	0
All Other States/Countries	4	6	5	4	4
Total	2,171	2,322	2,253	2,212	2,257

Out-of-State Resident Births Born in West Virginia
West Virginia Occurrence Births, 2016-2020
Table 16

State	2016 Births	2017 Births	2018 Births	2019 Births	2020 Births
Ohio	1,785	1,728	1,788	1,837	1,745
Pennsylvania	352	329	370	477	759
Kentucky	415	419	465	384	404
Virginia	276	262	249	248	240
Maryland	96	105	102	100	119
North Carolina	9	5	8	4	6
Florida	7	2	8	7	2
Tennessee	5	6	7	5	2
Texas	2	6	7	7	1
New York	2	2	3	5	6
South Carolina	6	4	4	1	3
Georgia	1	3	4	5	3
Louisiana	4	2	4	3	0
Alabama	1	2	5	4	1
Michigan	3	1	3	1	3
Missouri	1	1	3	5	0
All Other States/Countries	25	21	21	37	16
Total	2,990	2,898	3,051	3,130	3,310



West Virginia Vital Statistics

Deaths

Death Summary

The number of West Virginia resident deaths increased by 2,817, from 23,291 in 2019 to 26,108 in 2020. The state's crude death rate also increased from 13.0 deaths per 1,000 population in 2019 to 14.6 in 2020. The average age at death for West Virginians was 71.8 (69.0 for men and 74.9 for women), compared to the 2019 average of 72.1 (69.4 for men and 75.1 for women). In 2020, 146 West Virginia residents who died were 100 or older. The oldest man and woman were both 106 years old at their time of death.

Heart disease was the leading cause of death in West Virginia for the fifth straight year. Heart disease, cancer, and accidental deaths were the three leading causes of death, accounting for 46.4% of West Virginia resident deaths in 2020. Compared with 2019, the number of state deaths due to heart disease increased by 46 or 0.9%, while cancer deaths increased by 128 or 2.8%. Chronic lower respiratory disease, the fourth leading cause of death, decreased by 54, or 3.2% since 2019. COVID-19 was the fifth leading cause of death and accounted for 1,480 deaths. Diabetes mellitus deaths increased by 125 or 13.1%, and dementia, the seventh leading cause of death, increased by 62 or 6.7%. Deaths due to stroke, which fell to the eighth leading cause of death, decreased by 79 or 7.7%. Alzheimer's disease, the ninth leading cause of death in West Virginia, increased by 101 or 12.2%. Chronic liver disease and cirrhosis decreased by 3.2% in 2020. Deaths due to influenza and pneumonia increased by 50 (12.6%), and nephritis, nephrotic syndrome, and nephrosis deaths increased by 142 or 34.3%.

Accidental deaths were the third leading cause of death in West Virginia for the second time since 2017. The number of accidental deaths rose by 374 (19.9%), from 1,876 in 2019 to 2,250 in 2020. Accidents were the leading cause of death for ages one through 54 years. Motor vehicle accidents and accidental poisoning fatalities were the two leading causes of death for young adults aged 15 through 24, accounting for nearly half (46.6%) of all deaths for this age group in 2020. Motor vehicle accident deaths decreased by 28 or 8.5%, from 330 in 2019 to 302 in 2020. West Virginia's 2020 motor vehicle fatalities included two children under five years of age, the same as in 2019. Accidental poisoning deaths were still a major concern in West Virginia, as they increased by 442 (50.9%) from 868 in 2019 to 1,310 in 2020. Accidental poisoning accounted for over half (50.3%) of all deaths in the age group of 25-34.

Suicides increased by 21, from 333 in 2019 to 354 in 2020. Suicides among males increased by 31 or 11.9%, from 260 in 2019 to 291 in 2020. The number of suicides among females (63) was 10 less or 13.7% than the 73 in 2019. Over sixty percent (62.1%) of all suicide deaths were firearm related; 66.3% of male suicides and 42.9% of female suicides. The average age of death for suicide in 2020 was 47 years. While suicide was the 13th 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 11 in 2020, 8 fewer than in 2019.

Homicides increased by 20 or 20.8%, from 96 in 2019 to 116 in 2020. Eighty-seven of the homicide victims were male, and 29 were female. The average age at death for a homicide victim in 2020 was 41.1 years. There were three homicide victims under the age of five in 2020, compared to zero in 2019. Over seventy percent (76.7%) of 2020 homicide deaths were due to firearms.

Tobacco as a contributory factor in death was not reported for over half of 2020 resident deaths. Where it was reported, tobacco was either a definite or a probable contributing factor, in nearly one-third (28.2%) of deaths. There were 585 resident deaths among women of childbearing age, 15-44, with 27

(4.6%) of those women reported as either being pregnant at the time or within one year of their death. However, 340 of the deaths had an unknown or missing pregnancy status. Over half (58.6%) of the 302 motor vehicle accident deaths reported whether a seatbelt was worn. Only 28.8% of those deaths reported a seatbelt was worn at the time of death. The transportation role was more accurately reported with 266 (88.1%) of the motor vehicle deaths. Under two-thirds (78.2%) of the motor vehicle fatalities were the driver, and 14.7% were the passenger. The remaining 7.1% involved a pedestrian.

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 Wisconsin, 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 Wisconsin occurrence.

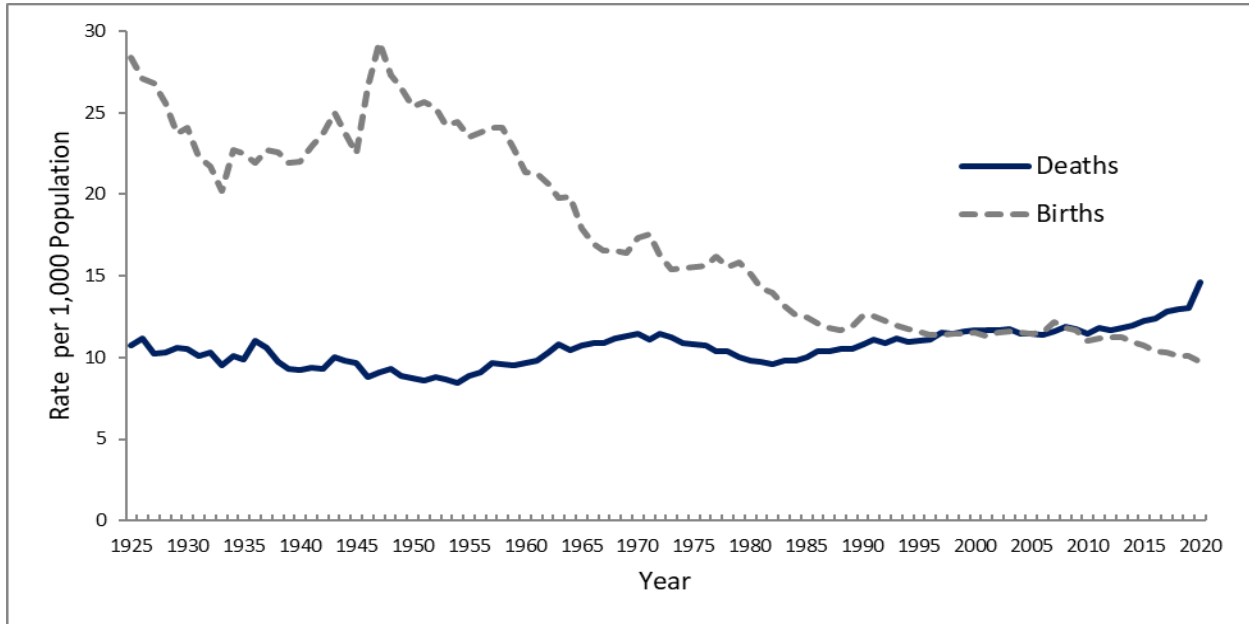
Years of Potential Life Lost (YPLL)

The 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 22 would, therefore, contribute 53 years to the total YPLL ($75-22=53$). YPLL is an important tool in emphasizing and evaluating causes of premature death.

The YPLL from all causes increased 15.0%, from 185,950 YPLL in 2019 to 213,760 in 2020. The four leading causes of YPLL in 2020 were non-motor vehicle accidents (47,464 YPLL), malignant neoplasms (32,938 YPLL), diseases of the heart (27,722 YPLL), and suicides (10,082 YPLL). Combined, these four causes accounted for over half (55.3%) of all years of potential life lost in 2020. In comparison to 2019, YPLL attributed to non-motor vehicle accidents increased from 18.0% to 22.2% of the total YPLL, malignant neoplasms decreased from 17.6% to 15.4%, YPLL due to diseases of the heart decreased from 14.0% to 13.0%, and the percentage of total YPLL due to suicides decreased from 5.3% to 4.7%. COVID-19 accounted for 2.5% of all years of potential life lost in 2020 (5,405 YPLL).

Note: All percentage differences in this summary are calculated by using the previous year's result as the denominator.

Number and Rate of Resident Deaths (Compared to Births)
West Virginia, 1925-2020
Exhibit 10



Year	Deaths		Births	
	Number of Deaths	Rate per 1,000 Population	Number of Live Births	Rate per 1,000 Population
1925	17,132	10.8	45,240	28.4
1930	18,220	10.5	41,614	24.1
1935	18,342	9.9	41,775	22.5
1940	17,577	9.2	41,900	22.0
1945	16,464	9.6	38,446	22.5
1950	17,459	8.7	50,850	25.4
1955	16,712	8.9	44,199	23.5
1960	18,040	9.7	39,696	21.3
1965	19,121	10.7	31,958	17.9
1970	19,924	11.4	30,194	17.3
1975	19,479	10.8	27,960	15.5
1980	19,178	9.8	29,438	15.1
1985	19,425	10.0	24,108	12.5
1990	19,360	10.8	22,582	12.6
1995	20,128	11.0	21,158	11.6
2000	21,127	11.7	20,860	11.5
2005	20,773	11.4	20,834	11.5
2010	21,278	11.5	20,471	11.0
2011	21,870	11.8	20,705	11.2
2012	21,586	11.6	20,813	11.2
2013	21,846	11.8	20,829	11.2
2014	22,164	12.0	20,303	11.0
2015	22,643	12.3	19,778	10.7
2016	22,721	12.4	19,070	10.4
2017	23,290	12.8	18,679	10.3
2018	23,462	13.0	18,243	10.1
2019	23,291	13.0	18,090	10.1
2020	26,108	14.6	17,327	9.7

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Summary Totals
West Virginia Resident Deaths, 2020
Table 17

Characteristic	Number	Percent	Characteristic	Number	Percent
<u>Total</u>			<u>Place Death Occurred</u>		
Residence Occurrence	26,108	100.0%	WV Hospital	7,907	30.3%
			Home	8,727	33.4%
			Licensed Nursing Home	3,953	15.1%
<u>Gender</u>			Hospice Care	2,444	9.4%
Male	13,885	53.2%	Named Place or Street Address	0	0.0%
Female	12,223	46.8%	Out-of-State Hospital	1,578	6.0%
			Other Personal Care	1,437	5.5%
<u>Disposition of Death</u>			En Route to Hospital	62	0.2%
Burial	12,456	49.0%	Clinic or Center	0	0.0%
Cremation	11,283	44.4%	Other and Unknown	0	0.0%
Removal from State	1,213	4.8%			
Donation	421	1.7%	<u>Race</u>		
Other	37	0.1%	White or Caucasian	25,184	96.5%
Unknown	698		Black or African American	809	3.1%
			All Other Races	115	0.4%
<u>Age at Death</u>			<u>Leading Causes of Death</u>		
Less than One Year of Age	131	0.5%	Diseases of the Heart	5,131	19.7%
One to Four Years	25	0.1%	Malignant Neoplasms	4,725	18.1%
Five to Fourteen Years	36	0.1%	Accidents, All Forms	2,250	8.6%
Fifteen to Nineteen Years	59	0.2%	Chronic Lower Respiratory Disease	1,610	6.2%
Twenty to Twenty-Four Years	134	0.5%	COVID-19	1,480	5.7%
Twenty-Five to Thirty-Four Years	620	2.4%	Diabetes Mellitus	1,077	4.1%
Thirty-Five to Forty-Four Years	1,010	3.9%	Dementia	993	3.8%
Forty-Five to Fifty-Four Years	1,680	6.4%	Cerebrovascular Disease	950	3.6%
Fifty-Five to Sixty-Four Years	3,629	13.9%	Alzheimer's Disease	931	3.6%
Sixty-Five to Seventy-Four Years	5,755	22.0%	Nephritis, Nephrotic Syndrome and	556	2.1%
Seventy-Five to Eighty-Four Years	6,612	25.3%	All Other Causes (Residual)	6,405	24.5%
Eighty-Five Years and Older	6,417	24.6%			

Note: En Route to Hospital includes any patient status listed as Dead On Arrival
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Out-of-State Occurrences
West Virginia Resident Deaths, 2016-2020
Table 18

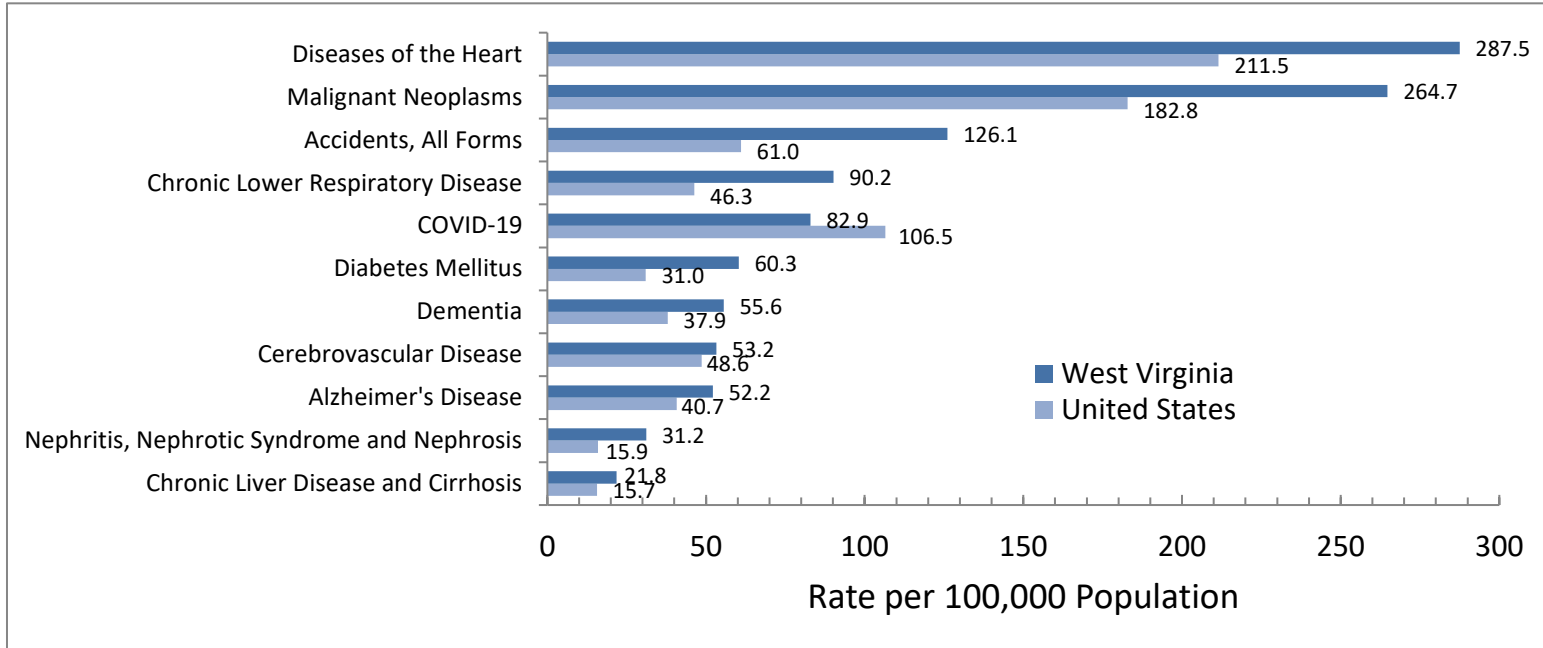
State	2016 Deaths	2017 Deaths	2018 Deaths	2019 Deaths	2020 Deaths
Ohio	709	671	665	555	658
Virginia	578	621	537	548	591
Maryland	259	281	286	256	326
Pennsylvania	289	293	254	270	252
Kentucky	200	252	238	280	334
North Carolina	60	77	74	62	55
Florida	50	47	59	58	57
Tennessee	4	22	37	17	23
South Carolina	20	23	21	17	22
District of Columbia	19	16	16	7	20
California	10	8	8	8	6
Georgia	0	0	0	0	0
Texas	3	9	8	9	7
Indiana	5	8	8	1	3
All Other States/Countries	53	52	50	52	42
Total	2,259	2,380	2,261	2,140	2,396

Deaths to Out-of-State Residents
West Virginia Occurrence Deaths, 2016-2020
Table 19

State	2016 Deaths	2017 Deaths	2018 Deaths	2019 Deaths	2020 Deaths
Ohio	807	818	840	911	1,009
Pennsylvania	147	177	183	194	250
Virginia	183	178	192	183	184
Maryland	155	187	164	174	181
Kentucky	121	145	156	151	170
Florida	27	39	35	32	31
North Carolina	13	18	24	32	25
Michigan	12	21	14	10	7
South Carolina	6	16	16	9	10
Texas	8	9	8	11	7
New York	7	4	8	10	7
Tennessee	6	8	7	6	4
Georgia	3	2	7	5	9
Illinois	6	6	4	1	4
All Other States/Countries	38	38	62	34	51
Total	1,539	1,666	1,720	1,763	1,949

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2020 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	5,131	287.5	19.7%	696,962	211.5	20.6%
Malignant Neoplasms	4,725	264.7	18.1%	602,350	182.8	17.8%
Accidents, All Forms	2,250	126.1	8.6%	200,955	61.0	5.9%
Chronic Lower Respiratory Disease	1,610	90.2	6.2%	152,657	46.3	4.5%
COVID-19	1,480	82.9	5.7%	350,831	106.5	10.4%
Diabetes Mellitus	1,077	60.3	4.1%	102,188	31.0	3.0%
Dementia	993	55.6	3.8%	124,958	37.9	3.7%
Cerebrovascular Disease	950	53.2	3.6%	160,264	48.6	4.7%
Alzheimer's Disease	931	52.2	3.6%	134,242	40.7	4.0%
Nephritis, Nephrotic Syndrome and Nephrosis	556	31.2	2.1%	52,547	15.9	1.6%
Chronic Liver Disease and Cirrhosis	389	21.8	1.5%	51,642	15.7	1.5%
Total for Leading Causes	20,092	1,125.7	77.0%	2,629,596	798.1	77.7%
All Other Causes (Residual)	6,016	337.1	23.0%	754,133	228.9	22.3%
Total for All Causes	26,108	1,462.8	100.0%	3,383,729	1,027.0	100.0%

* CDC Wonder - <http://wonder.cdc.gov>

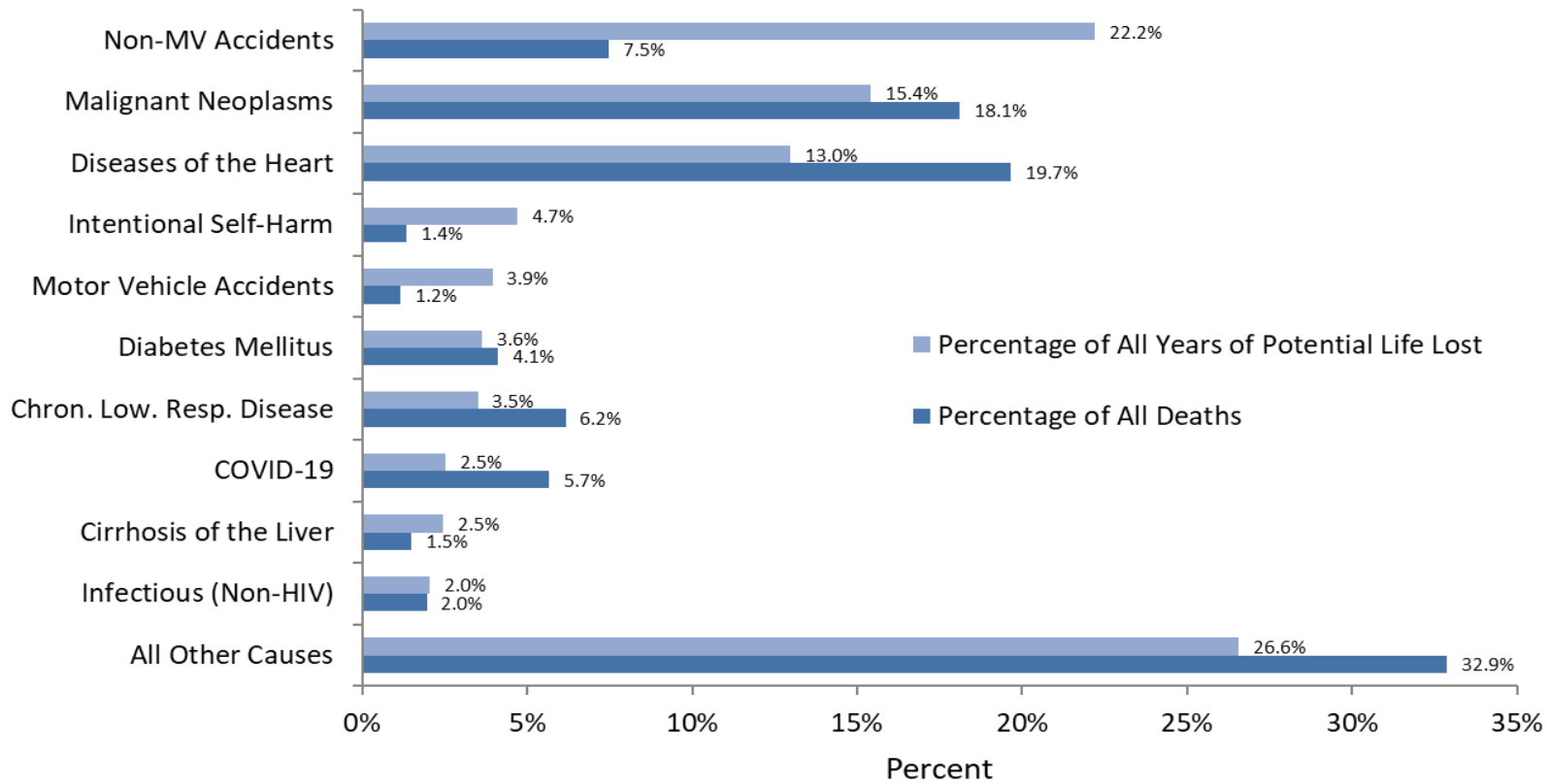
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Top Twenty Leading Causes of Years of Potential Life Lost Before Age 75*
 Compared to Actual Deaths of All Ages
 West Virginia Residents, 2019 and 2020
 Table 20

Cause of Death	Years of Potential Life Lost Before Age 75				Actual Deaths			
	2019		2020		2019		2020	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Causes	185,950	100.0%	213,760	100.0%	23,291	100.0%	26,108	100.0%
Non-Motor Vehicle Accidents	33,492	18.0%	47,464	22.2%	1,546	6.6%	1,948	7.5%
Malignant Neoplasms (Cancer)	32,781	17.6%	32,938	15.4%	4,597	19.7%	4,725	18.1%
Diseases of the Heart	26,106	14.0%	27,722	13.0%	5,085	21.8%	5,131	19.7%
Intentional Self-Harm (Suicides)	9,803	5.3%	10,082	4.7%	333	1.4%	354	1.4%
Motor Vehicle Accidents	8,763	4.7%	8,439	3.9%	330	1.4%	302	1.2%
Diabetes Mellitus	6,785	3.6%	7,801	3.6%	952	4.1%	1,077	4.1%
Chronic Lower Respiratory Diseases	7,859	4.2%	7,503	3.5%	1,664	7.1%	1,610	6.2%
COVID-19	0	0.0%	5,405	2.5%	0	0.0%	1,480	5.7%
Chronic Liver Disease and Cirrhosis	5,327	2.9%	5,247	2.5%	389	1.7%	389	1.5%
Infectious and Parasitic Diseases (excluding HIV)	4,420	2.4%	4,375	2.0%	535	2.3%	511	2.0%
Alcohol or Drug Psychoses, Dependence or Abuse	3,246	1.7%	4,061	1.9%	132	0.6%	182	0.7%
Assault (Homicides)	3,567	1.9%	3,979	1.9%	96	0.4%	116	0.4%
Cerebrovascular Diseases (Stroke)	4,472	2.4%	3,972	1.9%	1,029	4.4%	950	3.6%
Congenital Malformations	2,808	1.5%	3,787	1.8%	64	0.3%	76	0.3%
Influenza and Pneumonia	2,150	1.2%	3,224	1.5%	397	1.7%	447	1.7%
Nephritis, Nephrotic Syndrome and Nephrosis	2,051	1.1%	2,505	1.2%	414	1.8%	556	2.1%
Obesity	1,458	0.8%	2,315	1.1%	79	0.3%	107	0.4%
Essential Hypertension and Hypertensive Renal Disease	1,840	1.0%	1,570	0.7%	309	1.3%	311	1.2%
Injury Undetermined Whether Accidental or Purposely Inflicted	2,217	1.2%	1,367	0.6%	57	0.2%	44	0.2%
Benign Neoplasms/Neoplasms of Unknown Behavior	591	0.3%	985	0.5%	124	0.5%	164	0.6%
All Other Causes (Residual)	26,216	14.1%	29,022	13.6%	5,159	22.2%	5,628	21.6%

Top Ten Causes of Years of Potential Life Lost Before Age 75
 Compared to Resident Deaths of All Ages
 West Virginia Resident Deaths, 2020

Exhibit 12



West Virginia Bureau for Public Health
 Health Statistics Center, Vital Statistics System, 2022

Leading Causes of Death by Age Group and Gender
West Virginia Resident Deaths, 2020
Table 21

Leading Causes of Death	Total, All Age Groups					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	13,885		12,223		26,108	
Diseases of the Heart	2,880	20.7%	2,251	18.4%	5,131	19.7%
Malignant Neoplasms (Cancer)	2,623	18.9%	2,102	17.2%	4,725	18.1%
Accidents, All Forms	1,510	10.9%	740	6.1%	2,250	8.6%
Chronic Lower Respiratory Disease	759	5.5%	851	7.0%	1,610	6.2%
COVID-19	742	5.3%	738	6.0%	1,480	5.7%
Diabetes Mellitus	587	4.2%	490	4.0%	1,077	4.1%
Dementia	339	2.4%	654	5.4%	993	3.8%
Cerebrovascular Disease (Stroke)	440	3.2%	510	4.2%	950	3.6%
Alzheimer's Disease	278	2.0%	653	5.3%	931	3.6%
Nephritis, Nephrotic Syndrome and Nephrosis	283	2.0%	273	2.2%	556	2.1%
All Other Causes (Residual)	3,444	24.8%	2,961	24.2%	6,405	24.5%

Leading Causes of Death	Less than One Year					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	75		56		131	
Congenital Malformations	16	21.3%	16	28.6%	32	24.4%
Disorders Relating to Short Gestation/Unspecified LBW	8	10.7%	3	5.4%	11	8.4%
Accidents, All Forms	6	8.0%	3	5.4%	9	6.9%
Maternal Complications of Pregnancy	4	5.3%	4	7.1%	8	6.1%
Complications of Placenta, Cord, and Membrane	4	5.3%	2	3.6%	6	4.6%
Neonatal Hemorrhage	4	5.3%	2	3.6%	6	4.6%
Sudden Infant Death Syndrome	3	4.0%	2	3.6%	5	3.8%
Neonatal Digestive Disorders	4	5.3%	0	0.0%	4	3.1%
Infections Specific to the Perinatal Period	2	2.7%	1	1.8%	3	2.3%
Influenza and Pneumonia	2	2.7%	0	0.0%	2	1.5%
All Other Causes (Residual)	22	29.3%	23	41.1%	45	34.4%

Leading Causes of Death	One to Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	15		10		25	
Accidents, All Forms	5	33.3%	1	10.0%	6	24.0%
Malignant Neoplasms (Cancer)	3	20.0%	3	30.0%	6	24.0%
Congenital Malformations	2	13.3%	2	20.0%	4	16.0%
Assault (Homicides)	1	6.7%	1	10.0%	2	8.0%
Injury Undetermined Whether Accidental or Purposely Inflicted	2	13.3%	0	0.0%	2	8.0%
All Other Causes (Residual)	2	13.3%	3	30.0%	5	20.0%

Note: Percentages in each category are calculated as a total for that gender.
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Health Statistics Center, Vital Statistics System, 2022

Leading Causes of Death by Age Group and Gender
West Virginia Resident Deaths, 2020
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	8		7		15	
Accidents, All Forms	2	25.0%	2	28.6%	4	26.7%
Assault (Homicides)	1	12.5%	1	14.3%	2	13.3%
Malignant Neoplasms (Cancer)	2	25.0%	0	0.0%	2	13.3%
All Other Causes (Residual)	3	37.5%	4	57.1%	7	46.7%

Leading Causes of Death	Ten to Fourteen Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	16		5		21	
Accidents, All Forms	4	25.0%	1	20.0%	5	23.8%
Intentional Self-Harm (Suicides)	3	18.8%	0	0.0%	3	14.3%
Assault (Homicides)	2	12.5%	1	20.0%	3	14.3%
Malignant Neoplasms (Cancer)	2	12.5%	1	20.0%	3	14.3%
Congenital Malformations	1	6.3%	1	20.0%	2	9.5%
Diseases of the Heart	2	12.5%	0	0.0%	2	9.5%
All Other Causes (Residual)	2	12.5%	1	20.0%	3	14.3%

Leading Causes of Death	Fifteen to Twenty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	139		54		193	
Accidents, All Forms	72	51.8%	28	51.9%	100	51.8%
Intentional Self-Harm (Suicides)	33	23.7%	7	13.0%	40	20.7%
Assault (Homicides)	9	6.5%	3	5.6%	12	6.2%
Diseases of the Heart	2	1.4%	2	3.7%	4	2.1%
Chronic Lower Respiratory Disease	2	1.4%	2	3.7%	4	2.1%
Congenital Malformations	3	2.2%	0	0.0%	3	1.6%
Diabetes Mellitus	3	2.2%	0	0.0%	3	1.6%
Cerebrovascular Disease (Stroke)	1	0.7%	1	1.9%	2	1.0%
Malignant Neoplasms (Cancer)	1	0.7%	1	1.9%	2	1.0%
All Other Causes (Residual)	13	9.4%	10	18.5%	23	11.9%

Leading Causes of Death	Twenty-Five to Thirty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	426		194		620	
Accidents, All Forms	260	61.0%	106	54.6%	366	59.0%
Intentional Self-Harm (Suicides)	54	12.7%	12	6.2%	66	10.6%
Diseases of the Heart	19	4.5%	7	3.6%	26	4.2%
Assault (Homicides)	19	4.5%	4	2.1%	23	3.7%
Malignant Neoplasms (Cancer)	10	2.3%	11	5.7%	21	3.4%
Malignant Neoplasms (Cancer)	10	2.3%	11	5.7%	21	3.4%
Influenza and Pneumonia	5	1.2%	6	3.1%	11	1.8%
Ill-Defined Conditions	4	0.9%	5	2.6%	9	1.5%
Diabetes Mellitus	2	0.5%	6	3.1%	8	1.3%
Injury Undetermined Whether Accidental or Purposely Inflicted	5	1.2%	3	1.5%	8	1.3%
Septicemia	1	0.2%	6	3.1%	7	1.1%
Obesity	3	0.7%	3	1.5%	6	1.0%
All Other Causes (Residual)	34	8.0%	14	7.2%	48	7.7%

Note: Percentages in each category are calculated as a total for that gender.
West Virginia Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2022

Leading Causes of Death by Age Group and Gender
West Virginia Resident Deaths, 2020
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	673		337		1,010	
Accidents, All Forms	329	48.9%	132	39.2%	461	45.6%
Diseases of the Heart	69	10.3%	33	9.8%	102	10.1%
Malignant Neoplasms (Cancer)	28	4.2%	43	12.8%	71	7.0%
Intentional Self-Harm (Suicides)	54	8.0%	9	2.7%	63	6.2%
Assault (Homicides)	26	3.9%	5	1.5%	31	3.1%
Chronic Liver Disease and Cirrhosis	18	2.7%	12	3.6%	30	3.0%
Diabetes Mellitus	13	1.9%	15	4.5%	28	2.8%
Obesity	14	2.1%	7	2.1%	21	2.1%
Influenza and Pneumonia	8	1.2%	6	1.8%	14	1.4%
Cerebrovascular Disease (Stroke)	9	1.3%	4	1.2%	13	1.3%
COVID-19	5	0.7%	6	1.8%	11	1.1%
Septicemia	7	1.0%	4	1.2%	11	1.1%
All Other Causes (Residual)	93	13.8%	61	18.1%	154	15.2%

Leading Causes of Death	Forty-Five to Fifty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	1,042		638		1,680	
Accidents, All Forms	278	26.7%	113	17.7%	391	23.3%
Diseases of the Heart	178	17.1%	93	14.6%	271	16.1%
Malignant Neoplasms (Cancer)	140	13.4%	125	19.6%	265	15.8%
Diabetes Mellitus	50	4.8%	26	4.1%	76	4.5%
Chronic Liver Disease and Cirrhosis	40	3.8%	18	2.8%	58	3.5%
COVID-19	37	3.6%	18	2.8%	55	3.3%
Intentional Self-Harm (Suicides)	41	3.9%	13	2.0%	54	3.2%
Chronic Lower Respiratory Disease	19	1.8%	33	5.2%	52	3.1%
Cerebrovascular Disease (Stroke)	17	1.6%	17	2.7%	34	2.0%
Septicemia	17	1.6%	14	2.2%	31	1.8%
All Other Causes (Residual)	225	21.6%	168	26.3%	393	23.4%

Leading Causes of Death	Fifty-Five to Sixty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	2,168		1,461		3,629	
Malignant Neoplasms (Cancer)	523	24.1%	440	30.1%	963	26.5%
Diseases of the Heart	467	21.5%	220	15.1%	687	18.9%
Accidents, All Forms	225	10.4%	77	5.3%	302	8.3%
Chronic Lower Respiratory Disease	114	5.3%	132	9.0%	246	6.8%
Diabetes Mellitus	113	5.2%	71	4.9%	184	5.1%
Chronic Liver Disease and Cirrhosis	91	4.2%	39	2.7%	130	3.6%
COVID-19	65	3.0%	55	3.8%	120	3.3%
Cerebrovascular Disease (Stroke)	53	2.4%	39	2.7%	92	2.5%
Nephritis, Nephrotic Syndrome and Nephrosis	31	1.4%	25	1.7%	56	1.5%
Influenza and Pneumonia	29	1.3%	23	1.6%	52	1.4%
Septicemia	26	1.2%	26	1.8%	52	1.4%
Intentional Self-Harm (Suicides)	36	1.7%	16	1.1%	52	1.4%
All Other Causes (Residual)	395	18.2%	298	20.4%	693	19.1%

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

West Virginia Bureau for Public Health

Health Statistics Center, Vital Statistics System, 2022

Leading Causes of Death by Age Group and Gender
West Virginia Resident Deaths, 2020
Table 21 (Cont'd)

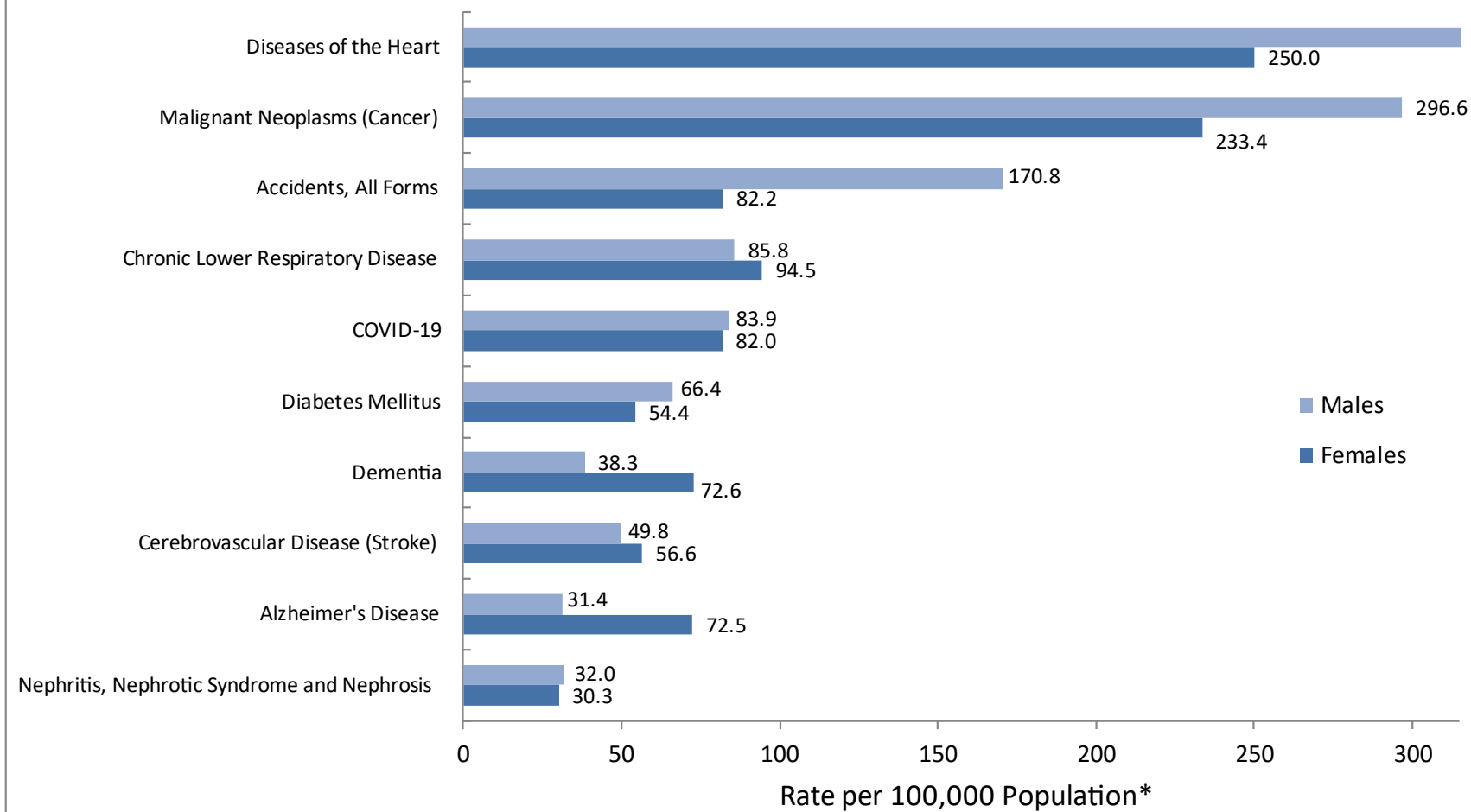
Leading Causes of Death	Sixty-Five to Seventy-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	3,382		2,373		5,755	
Malignant Neoplasms (Cancer)	886	26.2%	612	25.8%	1,498	26.0%
Diseases of the Heart	715	21.1%	407	17.2%	1,122	19.5%
Chronic Lower Respiratory Disease	226	6.7%	222	9.4%	448	7.8%
COVID-19	196	5.8%	154	6.5%	350	6.1%
Diabetes Mellitus	182	5.4%	145	6.1%	327	5.7%
Accidents, All Forms	141	4.2%	63	2.7%	204	3.5%
Cerebrovascular Disease (Stroke)	103	3.0%	76	3.2%	179	3.1%
Nephritis, Nephrotic Syndrome and Nephrosis	77	2.3%	59	2.5%	136	2.4%
Chronic Liver Disease and Cirrhosis	75	2.2%	35	1.5%	110	1.9%
Influenza and Pneumonia	58	1.7%	42	1.8%	100	1.7%
All Other Causes (Residual)	723	21.4%	558	23.5%	1,281	22.3%

Leading Causes of Death	Seventy-Five to Eighty-Four Years					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	3,484		3,128		6,612	
Diseases of the Heart	757	21.7%	560	17.9%	1,317	19.9%
Malignant Neoplasms (Cancer)	722	20.7%	556	17.8%	1,278	19.3%
Chronic Lower Respiratory Disease	253	7.3%	281	9.0%	534	8.1%
COVID-19	260	7.5%	209	6.7%	469	7.1%
Cerebrovascular Disease (Stroke)	150	4.3%	149	4.8%	299	4.5%
Dementia	113	3.2%	178	5.7%	291	4.4%
Alzheimer's Disease	91	2.6%	199	6.4%	290	4.4%
Diabetes Mellitus	161	4.6%	123	3.9%	284	4.3%
Nephritis, Nephrotic Syndrome and Nephrosis	93	2.7%	93	3.0%	186	2.8%
Accidents, All Forms	104	3.0%	79	2.5%	183	2.8%
All Other Causes (Residual)	780	22.4%	701	22.4%	1,481	22.4%

Leading Causes of Death	Eighty-Five Years and Over					
	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
Total Deaths, All Causes	2,457		3,960		6,417	
Diseases of the Heart	671	27.3%	927	23.4%	1,598	24.9%
Malignant Neoplasms (Cancer)	306	12.5%	310	7.8%	616	9.6%
Dementia	175	7.1%	424	10.7%	599	9.3%
Alzheimer's Disease	156	6.3%	418	10.6%	574	8.9%
COVID-19	176	7.2%	294	7.4%	470	7.3%
Cerebrovascular Disease (Stroke)	101	4.1%	224	5.7%	325	5.1%
Chronic Lower Respiratory Disease	141	5.7%	180	4.5%	321	5.0%
Accidents, All Forms	84	3.4%	135	3.4%	219	3.4%
Diabetes Mellitus	63	2.6%	104	2.6%	167	2.6%
Nephritis, Nephrotic Syndrome and Nephrosis	54	2.2%	88	2.2%	142	2.2%
All Other Causes (Residual)	530	21.6%	856	21.6%	1,386	21.6%

Note: Percentages in each category are calculated as a total for that gender.
West Virginia Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2022

2020 Ten Leading Causes of Death by Gender
 West Virginia Resident Death Rates*
 Exhibit 13



West Virginia Bureau for Public Health
 Health Statistics Center, Vital Statistics System, 2022

*Using 2020 Population Estimate for WV: Males = 884,276; Females = 900,511

Types of Firearm Injury Deaths by Age Group and Gender
West Virginia Residents, 2020

Table 22

	Age in Years									Total
	0-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	
Both Genders										
Accidental	1	0	0	2	1	1	2	3	1	11
Intentional Self-Harm (Suicide)	0	2	4	22	37	33	25	32	65	220
Assault (Homicide)	3	3	4	7	21	26	10	7	8	89
Legal Intervention	0	0	0	0	1	1	2	1	0	5
Undetermined	0	0	0	0	0	0	1	0	1	2
Total	4	5	8	31	60	61	40	43	75	327
Male										
Accidental	1	0	0	2	1	1	1	1	1	8
Intentional Self-Harm (Suicide)	0	2	4	18	31	28	23	25	62	193
Assault (Homicide)	1	2	2	6	18	22	6	6	5	68
Legal Intervention	0	0	0	0	1	1	2	1	0	5
Undetermined	0	0	0	0	0	0	1	0	1	2
Total	2	4	6	26	51	52	33	33	69	276
Female										
Accidental	0	0	0	0	0	0	1	2	0	3
Intentional Self-Harm (Suicide)	0	0	0	4	6	5	2	7	3	27
Assault (Homicide)	2	1	2	1	3	4	4	1	3	21
Legal Intervention	0	0	0	0	0	0	0	0	0	0
Undetermined	0	0	0	0	0	0	0	0	0	0
Total	2	1	2	5	9	9	7	10	6	51

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Motor Vehicle Accident Injury Deaths
Transportation Role of Decedent at the Time of Injury
West Virginia Residents, 2020
Table 23

Role of Decedent	Male	Female	Total
Driver/Operator	176	32	208
Passenger	15	24	39
Pedestrian	11	8	19
Other Roles	0	0	0
Unknown/Not Reported	27	9	36
Total	229	73	302

Non-Transport Accidental Injury Deaths
Place Where Injury Occurred
West Virginia Residents, 2020
Table 24

Place of Injury	Male	Female	Total
Home	775	417	1,192
Farm	1	0	1
Mine and Quarry	2	0	2
Industrial Places	2	0	2
Public Building	0	0	0
Recreational Places	6	1	7
Resident Institution	8	3	11
Street and Highway	14	1	15
Other Specified Places	427	232	659
Unspecified Places	16	4	20
Total	1,251	658	1,909

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Causes of Resident Deaths: Number and Rate
West Virginia, 2020
Table 25

ICD-10 Code Number	Cause of Death	Number of Deaths	Rate
A00-Z99*	Total Deaths, All Causes	26,108	14.6
A00-B99	Certain Infectious and Parasitic Diseases	521	29.2
A00-A09	Intestinal Infectious Diseases	60	3.4
A02	Other Salmonella Infections	1	0.1
A04	Other Bacterial Intestinal Infections	42	2.4
A09	Diarrhea and Gastroenteritis of Presumed Infectious Origin	17	1.0
A15-A19	Tuberculosis	2	0.1
A16	Respiratory Tuberculosis, Not Confirmed Bacteriologically or Histologically	2	0.1
A30-A49	Other Bacterial Diseases	380	21.3
A31	Infection due to Other Mycobacteria	1	0.1
A40	Streptococcal Septicemia	3	0.2
A41	Other Septicemia	341	19.1
A43	Nocardiosis	2	0.1
A48	Other Bacterial Diseases, Not Elsewhere Classified	4	0.2
A49	Bacterial Infection of Unspecified Site	29	1.6
A80-A89	Viral Infections of the Central Nervous System	4	0.2
A81	Slow Virus Infections of Central Nervous System	3	0.2
A86	Unspecified Viral Encephalitis	1	0.1
B00-B09	Viral Infections Characterized by Skin and Mucous Membrane Lesions	3	0.2
B00	Herpes Viral [Herpes Simplex] Infection	2	0.1
B02	Zoster [Herpes Zoster]	1	0.1
B15-B19	Viral Hepatitis	26	1.5
B15	Acute Hepatitis A	1	0.1
B16	Acute Hepatitis B	5	0.3
B18	Chronic Viral Hepatitis	20	1.1
B20-B24	Human Immunodeficiency Virus [HIV] Disease	10	0.6
B20	Human Immunodeficiency Virus [HIV] Disease Resulting in Infectious and Parasitic Diseases	2	0.1
B21	Human Immunodeficiency Virus [HIV] Disease Resulting in Malignant Neoplasms	2	0.1
B22	Human Immunodeficiency Virus [HIV] Disease Resulting in Other Specified Diseases	2	0.1
B23	Human Immunodeficiency Virus [HIV] Disease Resulting in Other Conditions	4	0.2
B25-B34	Other Viral Diseases	16	0.9
B25	Cytomegaloviral Disease	2	0.1
B34	Viral Infection of Unspecified Site	14	0.8
B35-B49	Mycoses	11	0.6
B37	Candidiasis	3	0.2
B44	Aspergillosis	3	0.2
B49	Unspecified Mycosis	5	0.3
B50-B64	Protozoal Diseases	1	0.1
B59	Pneumocystosis	1	0.1
B90-B94	Sequelae of Infectious and Parasitic Diseases	4	0.2
B94	Sequelae of Other and Unspecified Infectious and Parasitic Diseases	4	0.2
B99	Other Infectious Diseases	4	0.2
B99	Other and Unspecified Infectious Diseases	4	0.2
C00-D48	Neoplasms	4,889	273.9
C00-C97	Malignant Neoplasms	4,725	264.7
C00	Malignant Neoplasm of Lip	1	0.1
C01	Malignant Neoplasm of Base of Tongue	3	0.2
C02	Malignant Neoplasm of Other and Unspecified Parts of Tongue	18	1.0
C04	Malignant Neoplasm of Floor of Mouth	1	0.1
C06	Malignant Neoplasm of Other and Unspecified Parts of Mouth	8	0.4
C07	Malignant Neoplasm of Parotid Gland	2	0.1
C08	Malignant Neoplasm of Other and Unspecified Major Salivary Glands	1	0.1
C09	Malignant Neoplasm of Tonsil	9	0.5
C10	Malignant Neoplasm of Oropharynx	10	0.6
C11	Malignant Neoplasm of Nasopharynx	3	0.2
C13	Malignant Neoplasm of Hypopharynx	5	0.3
C14	Malignant Neoplasm of Other and Ill-Defined Sites in the Lip, Oral Cavity and Pharynx	13	0.7
C15-C26	Malignant Neoplasms of Digestive Organs	1,210	67.8
C15	Malignant Neoplasm of Esophagus	166	9.3
C16	Malignant Neoplasm of Stomach	53	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, 2020
Table 25 (Cont'd)

ICD-10 Code Number	Cause of Death	Number of Deaths	Rate
C17	Malignant Neoplasm of Small Intestine	7	0.4
C18	Malignant Neoplasm of Colon	334	18.7
C19	Malignant Neoplasm of Rectosigmoid Junction	18	1.0
C20	Malignant Neoplasm of Rectum	81	4.5
C21	Malignant Neoplasm of Anus and Anal Canal	13	0.7
C22	Malignant Neoplasm of Liver and Intrahepatic Bile Ducts	198	11.1
C23	Malignant Neoplasm of Gallbladder	11	0.6
C24	Malignant Neoplasm of Other and Unspecified Parts of the Biliary Tract	20	1.1
C25	Malignant Neoplasm of Pancreas	293	16.4
C26	Malignant Neoplasm of Other and Ill-Defined Digestive Organs	16	0.9
C30-C39	Malignant Neoplasms of Respiratory and Intrathoracic Organs	1,385	77.6
C30	Malignant Neoplasm of Nasal Cavity and Middle Ear	1	0.1
C31	Malignant Neoplasm of Accessory Sinuses	4	0.2
C32	Malignant Neoplasm of Larynx	36	2.0
C33	Malignant Neoplasm of Trachea	1	0.1
C34	Malignant Neoplasm of Bronchus and Lung	1,337	74.9
C37	Malignant Neoplasm of Thymus	1	0.1
C38	Malignant Neoplasm of Heart, Mediastinum and Pleura	4	0.2
C39	Malignant Neoplasm of Other and Ill-Defined Sites in the Respiratory System and Intrathoracic Organs	1	0.1
C40-C41	Malignant Neoplasms of Bone and Articular Cartilage	17	1.0
C41	Malignant Neoplasm of Bone and Articular Cartilage of Other and Unspecified Sites	17	1.0
C43-C44	Melanoma and Other Malignant Neoplasms of Skin	114	6.4
C43	Malignant Neoplasm of Skin	76	4.3
C44	Other Malignant Neoplasms of Skin	38	2.1
C45-C49	Malignant Neoplasms of Mesothelial and Soft Tissue	50	2.8
C45	Mesothelioma	15	0.8
C48	Malignant Neoplasm of Retroperitoneum and Peritoneum	9	0.5
C49	Malignant Neoplasm of Other Connective and Soft Tissue	26	1.5
C50	Malignant Neoplasm of Breast	263	14.7
C50	Malignant Neoplasm of Breast	263	14.7
C51-C58	Malignant Neoplasms of Female Genital Organs	208	11.7
C51	Malignant Neoplasm of Vulva	16	0.9
C52	Malignant Neoplasm of Vagina	7	0.4
C53	Malignant Neoplasm of Cervix Uteri	29	1.6
C54	Malignant Neoplasm of Corpus Uteri	34	1.9
C55	Malignant Neoplasm of Uterus, Part Unspecified	21	1.2
C56	Malignant Neoplasm of Ovary	99	5.5
C57	Malignant Neoplasm of Other and Unspecified Female Genital Organs	2	0.1
C60-C63	Malignant Neoplasms of Male Genital Organs	207	11.6
C60	Malignant Neoplasm of Penis	4	0.2
C61	Malignant Neoplasm of Prostate	199	11.1
C62	Malignant Neoplasm of Testis	4	0.2
C64-C68	Malignant Neoplasms of Urinary Tract	263	14.7
C64	Malignant Neoplasm of Kidney, Except Renal Pelvis	110	6.2
C65	Malignant Neoplasm of Renal Pelvis	3	0.2
C66	Malignant Neoplasm of Ureter	4	0.2
C67	Malignant Neoplasm of Bladder	138	7.7
C68	Malignant Neoplasm of Other and Unspecified Urinary Organs	8	0.4
C69-C72	Malignant Neoplasms of Eye, Brain and Other Parts of Central Nervous System	117	6.6
C69	Malignant Neoplasm of Eye and Adnexa	4	0.2
C70	Malignant Neoplasm of Meninges	1	0.1
C71	Malignant Neoplasm of Brain	112	6.3
C73-C75	Malignant Neoplasms of Other Endocrine Glands	10	0.6
C73	Malignant Neoplasm of Thyroid Gland	9	0.5
C74	Malignant Neoplasm of Adrenal Gland	1	0.1
C76-C80	Malignant Neoplasms of Ill-Defined, Secondary and Unspecified Sites	328	18.4
C76	Malignant Neoplasm of Other and Ill-Defined Sites	10	0.6
C77	Secondary and Unspecified Malignant Neoplasm of Lymph Nodes	1	0.1
C78	Secondary and Malignant Neoplasm of Respiratory and Digestive Organs	30	1.7
C79	Secondary Malignant Neoplasm of Other Sites	39	2.2

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Causes of Resident Deaths: Number and Rate
West Virginia, 2020
Table 25 (Cont'd)

ICD-10 Code Number	Cause of Death	Number of Deaths	Rate
C80	Malignant Neoplasm without Specification of Site	248	13.9
C81-C96	Malignant Neoplasms of Lymphoid, Hematopoietic and Related Tissue	428	24.0
C81	Hodgkin's Disease	8	0.4
C82	Follicular [Nodular] Non-Hodgkin's Lymphoma	7	0.4
C83	Diffuse Non-Hodgkin's Lymphoma	45	2.5
C84	Peripheral and Cutaneous T-Cell Lymphoma	4	0.2
C85	Other and Unspecified Types of Non-Hodgkin's Lymphoma	89	5.0
C88	Malignant Immunoproliferative Diseases	5	0.3
C90	Multiple Myeloma and Malignant Plasma Cell Neoplasms	86	4.8
C91	Lymphoid Leukemia	56	3.1
C92	Myeloid Leukemia	100	5.6
C94	Other Leukemias of Specified Cell Type	1	0.1
C95	Leukemia of Unspecified Cell Type	27	1.5
C97	Malignant Neoplasm of Independent (Primary) Multiple Sites	51	2.9
C97	Malignant Neoplasm of Independent (Primary) Multiple Sites	51	2.9
D00-D09	In Situ Neoplasms	1	0.1
D02	Carcinoma in Situ of Middle Ear and Respiratory System	1	0.1
D10-D36	Benign Neoplasms	6	0.3
D18	Hemangioma and Lymphangioma, Any Site	2	0.1
D32	Benign Neoplasm of Meninges	4	0.2
D37-D48	Neoplasms of Uncertain or Unknown Behavior	157	8.8
D37	Neoplasm of Uncertain or Unknown Behavior of Oral Cavity and Digestive Organs	18	1.0
D38	Neoplasm of Uncertain or Unknown Behavior of Middle Ear and Respiratory and Intrathoracic Organs	8	0.4
D39	Neoplasm of Uncertain or Unknown Behavior of Female Genital Organs	3	0.2
D40	Neoplasm of Uncertain or Unknown Behavior of Male Genital Organs	2	0.1
D41	Neoplasm of Uncertain or Unknown Behavior of Urinary Organs	13	0.7
D43	Neoplasm of Uncertain or Unknown Behavior of Brain and Central Nervous System	34	1.9
D44	Neoplasm of Uncertain or Unknown Behavior of Endocrine Glands	1	0.1
D45	Polycythemia Vera	3	0.2
D46	Myelodysplastic Syndromes	49	2.7
D47	Other Neoplasm of Uncertain or Unknown Behavior of Lymphoid, Hematopoietic and Related Tissue	10	0.6
D48	Neoplasm of Uncertain or Unknown Behavior of Other and Unspecified Sites	16	0.9
D50-D89	Disease of the Blood and Blood-forming Organs and Certain Disorders Involving the Immune Mechanism	84	4.7
D50-D53	Nutritional Anemias	2	0.1
D53	Other Nutritional Anemias	2	0.1
D55-D59	Hemolytic Anemias	2	0.1
D57	Sickle-Cell Disorders	1	0.1
D59	Acquired Hemolytic Anemia	1	0.1
D60-D64	Aplastic and Other Anemias	38	2.1
D60	Acquired Pure Red Cell Aplasia [Erythroblastopenia]	2	0.1
D61	Other Aplastic Anemias	8	0.4
D62	Acute Posthemorrhagic Anemia	7	0.4
D64	Other Anemias	21	1.2
D65-D69	Coagulation Defects, Purpura and Other Hemorrhagic Conditions	28	1.6
D65	Disseminated Intravascular Coagulation [Defibrination Syndrome]	9	0.5
D68	Other Coagulation Defects	10	0.6
D69	Purpura and Other Hemorrhagic Conditions	9	0.5
D70-D77	Other Diseases of Blood and Blood-forming Organs	6	0.3
D72	Other Disorders of White Blood Cells	1	0.1
D73	Diseases of Spleen	1	0.1
D75	Other Diseases of Blood and-Blood forming Organs	1	0.1
D76	Certain Diseases Involving Lymphoreticular Tissue and Reticulohistiocytic System	3	0.2
D80-D89	Certain Disorders Involving the Immune Mechanism	8	0.4
D86	Sarcoidosis	7	0.4
D89	Other Disorders Involving the Immune Mechanism, Not Elsewhere Classified	1	0.1
E00-E90	Endocrine, Nutritional and Metabolic Diseases	1,657	92.8
E00-E07	Disorders of Thyroid Gland	30	1.7
E03	Other Hypothyroidism	25	1.4
E05	Thyrotoxicosis [Hyperthyroidism]	3	0.2
E07	Other Disorders of Thyroid	2	0.1

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ICD-10 Code Number	Cause of Death	Number of Deaths	Rate
E10-E14	Diabetes Mellitus	1,077	60.3
E10	Insulin-Dependent Diabetes Mellitus	53	3.0
E11	Non-Insulin-Dependent Diabetes Mellitus	476	26.7
E14	Unspecified Diabetes Mellitus	548	30.7
E15-E16	Other Disorders of Glucose Regulation and Pancreatic Internal Secretion	3	0.2
E16	Other Disorders of Pancreatic Internal Secretion	3	0.2
E20-E35	Disorders of Other Endocrine Glands	8	0.4
E22	Hyperfunction of Pituitary Gland	1	0.1
E24	Cushing's Syndrome	1	0.1
E27	Other Disorders of Adrenal Gland	6	0.3
E40-E46	Malnutrition	102	5.7
E43	Unspecified Severe Protein-Energy Malnutrition	73	4.1
E45	Retarded Development Following Protein-Energy Malnutrition	1	0.1
E46	Unspecified Protein-Energy Malnutrition	28	1.6
E65-E68	Obesity and Other Hyperalimentation	107	6.0
E66	Obesity	107	6.0
E70-E90	Metabolic Disorders	330	18.5
E71	Disorders of Branched-Chain Amino-Acid Metabolism and Fatty-Acid Metabolism	1	0.1
E72	Other Disorders of Amino-Acid Metabolism	2	0.1
E78	Disorders of Lipoprotein Metabolism and Other Lipidaemias	207	11.6
E79	Disorders of Purine and Pyrimidine Metabolism	1	0.1
E83	Disorders of Mineral Metabolism	5	0.3
E84	Cystic Fibrosis	2	0.1
E85	Amyloidosis	7	0.4
E86	Volume Depletion	14	0.8
E87	Other Disorders of Fluid, Electrolyte and Acid-Base Balance	69	3.9
E88	Other Metabolic Disorders	22	1.2
F00-F99	Mental and Behavioral Disorders	1,213	68.0
F00-F09	Organic, Including Symptomatic, Mental Disorders	1,006	56.4
F01	Vascular Dementia	102	5.7
F03	Unspecified Dementia	891	49.9
F05	Delirium, Not Induced by Alcohol and Other Psychoactive Substances	6	0.3
F06	Other Mental Disorders due to Brain Damage and Dysfunction and to Physical Disease	7	0.4
F10-F19	Mental and Behavioral Disorders due to Psychoactive Substance Use	182	10.2
F10	Mental and Behavioral Disorders due to Use of Alcohol	114	6.4
F11	Mental and Behavioral Disorders due to Use of Opioids	1	0.1
F14	Mental and Behavioral Disorders due to Use of Cocaine	2	0.1
F15	Mental and Behavioral Disorders due to Use of Other Stimulants, Including Caffeine	3	0.2
F17	Mental and Behavioral Disorders due to Use of Tobacco	18	1.0
F19	Mental and Behavioral Disorders due to Multiple Drug Use and Use of Other Psychoactive Substances	44	2.5
F20-F29	Schizophrenia, Schizotypal and Delusional Disorders	7	0.4
F20	Schizophrenia	5	0.3
F25	Schizoaffective Disorders	2	0.1
F30-F39	Mood [Affective] Disorders	4	0.2
F31	Bipolar Affective Disorder	1	0.1
F32	Depressive Episode	3	0.2
F40-F48	Neurotic, Stress-Related and Somatoform Disorders	3	0.2
F41	Other Anxiety Disorders	1	0.1
F43	Reaction to Severe Stress, and Adjustment Disorders	2	0.1
F50-F59	Behavioral Syndromes Associated with Physiological Disturbances and Physical Factors	3	0.2
F50	Eating Disorders	2	0.1
F54	Psychological and Behavioral Factors Associated with Disorders or Diseases Classified Elsewhere	1	0.1
F70-F79	Mental Retardation	3	0.2
F79	Unspecified Mental Retardation	3	0.2
F80-F89	Disorders of Psychological Development	5	0.3
F84	Pervasive Developmental Disorders	5	0.3
G00-G99	Diseases of the Nervous System	1,735	97.2
G00-G09	Inflammatory Diseases of the Central Nervous System	8	0.4
G00	Bacterial Meningitis, Not Elsewhere Classified	2	0.1
G03	Meningitis due to Other and Unspecified Causes	1	0.1

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ICD-10 Code Number	Cause of Death	Number of Deaths	Rate
G04	Encephalitis, Myelitis and Encephalomyelitis	3	0.2
G06	Intracranial and Intraspinal Abscess and Granuloma	2	0.1
G10-G14	Systemic Atrophies Primarily Affecting the Central Nervous System	79	4.4
G10	Huntington's Disease	10	0.6
G11	Hereditary Ataxia	2	0.1
G12	Spinal Muscular Atrophy and Related Syndromes	66	3.7
G14	Postpolio Syndrome	1	0.1
G20-G26	Extrapyramidal and Movement Disorders	288	16.1
G20	Parkinson's Disease	269	15.1
G23	Other Degenerative Diseases of Basal Ganglia	17	1.0
G25	Other Extrapyramidal and Movement Disorders	2	0.1
G30-G32	Other Degenerative Diseases of the Nervous System	1,171	65.6
G30	Alzheimer's Disease	931	52.2
G31	Other Degenerative Diseases of Nervous System, Not Elsewhere Classified	240	13.4
G35-G37	Demyelinating Diseases of the Central Nervous System	34	1.9
G35	Multiple Sclerosis	34	1.9
G40-G47	Episodic and Paroxysmal Disorders	24	1.3
G40	Epilepsy	12	0.7
G41	Status Epilepticus	5	0.3
G45	Transient Cerebral Ischemic Attacks and Related Syndromes	3	0.2
G47	Sleep Disorders	4	0.2
G50-G59	Nerve, Nerve Root and Plexus Disorders	1	0.1
G50	Disorders of Trigeminal Nerve	1	0.1
G60-G64	Polyneuropathies and Other Disorders of the Peripheral Nervous System	6	0.3
G61	Inflammatory Polyneuropathy	4	0.2
G62	Other Polyneuropathies	2	0.1
G70-G73	Diseases of Myoneural Junction and Muscle	12	0.7
G70	Myasthenia Gravis and Other Myoneural Disorders	8	0.4
G71	Primary Disorders of Muscles	3	0.2
G72	Other Myopathies	1	0.1
G80-G83	Cerebral Palsy and Other Paralytic Syndromes	19	1.1
G80	Infantile Cerebral Palsy	18	1.0
G82	Paraplegia and Tetraplegia	1	0.1
G90-G99	Other Disorders of the Nervous System	93	5.2
G90	Disorders of Autonomic Nervous System	2	0.1
G91	Hydrocephalus	6	0.3
G92	Toxic Encephalopathy	1	0.1
G93	Other Disorders of Brain	80	4.5
G95	Other Diseases of Spinal Cord	3	0.2
G96	Other Disorders of Central Nervous System	1	0.1
I00-I99	Diseases of the Circulatory System	6,645	372.3
I00-I09, I11, I13, I20-I51	Diseases of the Heart	5,131	287.5
I05-I09	Chronic Rheumatic Heart Diseases	24	1.3
I05	Rheumatic Mitral Valve Diseases	11	0.6
I06	Rheumatic Aortic Valve Diseases	2	0.1
I07	Rheumatic Tricuspid Valve Diseases	4	0.2
I08	Multiple Valve Diseases	4	0.2
I09	Other Rheumatic Heart Diseases	3	0.2
I10-I15	Hypertensive Diseases	827	46.3
I10	Essential (Primary) Hypertension	187	10.5
I11	Hypertensive Heart Disease	468	26.2
I12	Hypertensive Renal Disease	124	6.9
I13	Hypertensive Heart and Renal Disease	47	2.6
I15	Secondary Hypertension	1	0.1
I20-I25	Ischemic Heart Diseases	3,205	179.6
I21	Acute Myocardial Infarction	724	40.6
I22	Subsequent Myocardial Infarction	1	0.1
I24	Other Acute Ischemic Heart Diseases	31	1.7
I25	Chronic Ischemic Heart Disease	2,449	137.2

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ICD-10 Code Number	Cause of Death	Number of Deaths	Rate
I26-I28	Pulmonary Heart Disease and Diseases of Pulmonary Circulation	113	6.3
I26	Pulmonary Embolism	62	3.5
I27	Other Pulmonary Heart Diseases	49	2.7
I28	Other Diseases of Pulmonary Vessels	2	0.1
I30-I52	Other forms of Heart Diseases	1,274	71.4
I30	Acute Pericarditis	1	0.1
I31	Other Diseases of Pericardium	5	0.3
I33	Acute and Subacute Endocarditis	22	1.2
I34	Nonrheumatic Mitral Valve Disorders	8	0.4
I35	Nonrheumatic Aortic Valve Disorders	66	3.7
I38	Endocarditis, Valve Unspecified	38	2.1
I42	Cardiomyopathy	144	8.1
I44	Atrioventricular and Left Bundle-Branch Block	7	0.4
I45	Other Conduction Disorders	8	0.4
I46	Cardiac Arrest	36	2.0
I47	Paroxysmal Tachycardia	9	0.5
I48	Atrial Fibrillation and Flutter	233	13.1
I49	Other Cardiac Arrhythmias	42	2.4
I50	Heart Failure	520	29.1
I51	Complications and Ill-Defined Descriptions of Heart Disease	135	7.6
I60-I69	Cerebrovascular Diseases	950	53.2
I60	Subarachnoid Hemorrhage	48	2.7
I61	Intracerebral Hemorrhage	114	6.4
I62	Other Nontraumatic Intracranial Hemorrhage	48	2.7
I63	Cerebral Infarction	124	6.9
I64	Stroke, Not Specified as Hemorrhage or Infarction	464	26.0
I67	Other Cerebrovascular Diseases	65	3.6
I69	Sequelae of Cerebrovascular Disease	87	4.9
I70-I79	Diseases of Arteries, Arterioles and Capillaries	222	12.4
I70	Atherosclerosis	62	3.5
I71	Aortic Aneurysm and Dissection	70	3.9
I72	Other Aneurysm	5	0.3
I73	Other Peripheral Vascular Diseases	72	4.0
I74	Arterial Embolism and Thrombosis	2	0.1
I77	Other Disorders of Arteries and Arterioles	10	0.6
I78	Diseases of Capillaries	1	0.1
I80-I89	Diseases of Veins, Lymphatic Vessels and Lymph Nodes, Not Elsewhere Classified	28	1.6
I80	Phlebitis and Thrombophlebitis	19	1.1
I82	Other Venous Embolism and Thrombosis	1	0.1
I83	Varicose Veins of Lower Extremities	1	0.1
I85	Esophageal Varices	1	0.1
I86	Varicose Veins of Other Sites	1	0.1
I87	Other Disorders of Veins	1	0.1
I89	Other Noninfective Disorders of Lymphatic Vessels and Lymph Nodes	4	0.2
I95-I99	Other and Unspecified Disorders of the Circulatory System	2	0.1
I95	Hypotension	1	0.1
I99	Other and Unspecified Disorders of Circulatory System	1	0.1
J00-J99	Diseases of the Respiratory System	2,543	142.5
J00-J06	Acute Upper Respiratory Infections	2	0.1
J05	Acute Obstructive Laryngitis [Croup] and Epiglottitis	1	0.1
J06	Acute Upper Respiratory Infections of Multiple and Unspecified Sites	1	0.1
J09-J18	Influenza and Pneumonia	447	25.0
J10	Influenza due to Identified Influenza Virus	44	2.5
J11	Influenza, Virus Not Identified	13	0.7
J12	Viral Pneumonia, Not Elsewhere Classified	9	0.5
J13	Pneumonia due to Streptococcus Pneumoniae	4	0.2
J15	Bacterial Pneumonia, Not Elsewhere Classified	28	1.6
J18	Pneumonia, Organism Unspecified	349	19.6
J20-J22	Other Acute Lower Respiratory Infections	3	0.2
J20	Acute Bronchitis	2	0.1
J22	Unspecified Acute Lower Respiratory Infection	1	0.1

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ICD-10 Code Number	Cause of Death	Number of Deaths	Rate
J30-J39	Other Diseases of Upper Respiratory Tract	3	0.2
J32	Chronic Sinusitis	1	0.1
J39	Other Diseases of Upper Respiratory Tract	2	0.1
J40-J47	Chronic Lower Respiratory Diseases	1,610	90.2
J40	Bronchitis, Not Specified as Acute or Chronic	3	0.2
J42	Unspecified Chronic Bronchitis	1	0.1
J43	Emphysema	64	3.6
J44	Other Chronic Obstructive Pulmonary Disease	1,520	85.2
J45	Asthma	19	1.1
J47	Bronchiectasis	3	0.2
J60-J70	Lung Diseases due to External Agents	174	9.7
J60	Coalworker Pneumoconiosis	29	1.6
J61	Pneumoconiosis due to Asbestos and Other Mineral Fibers	7	0.4
J64	Unspecified Pneumoconiosis	6	0.3
J67	Hypersensitivity Pneumonitis due to Organic Dust	1	0.1
J69	Pneumonitis due to Solids and Liquids	129	7.2
J70	Respiratory Conditions due to Other External Agents	2	0.1
J80-J84	Other Respiratory Diseases Principally Affecting the Interstitium	155	8.7
J80	Adult Respiratory Distress Syndrome	10	0.6
J81	Pulmonary Edema	5	0.3
J82	Pulmonary Eosinophilia, Not Elsewhere Classified	2	0.1
J84	Other Interstitial Pulmonary Diseases	138	7.7
J85-J86	Suppurative and Necrotic Conditions of Lower Respiratory Tract	10	0.6
J85	Abscess of Lung and Mediastinum	5	0.3
J86	Pyothorax	5	0.3
J90-J94	Other Diseases of Pleura	16	0.9
J90	Pleural Effusion, Not Elsewhere Classified	11	0.6
J93	Pneumothorax	3	0.2
J94	Other Pleural Conditions	2	0.1
J95-J99	Other Diseases of the Respiratory System	123	6.9
J96	Respiratory Failure, Not Elsewhere Classified	87	4.9
J98	Other Respiratory Disorders	36	2.0
K00-K93	Diseases of the Digestive System	1,038	58.2
K00-K14	Diseases of Oral Cavity, Salivary Glands and Jaws	3	0.2
K11	Diseases of Salivary Glands	3	0.2
K20-K31	Diseases of Esophagus, Stomach and Duodenum	58	3.2
K20	Esophagitis	1	0.1
K21	Gastro-esophageal Reflux Disease	7	0.4
K22	Other Diseases of Esophagus	17	1.0
K25	Gastric Ulcer	7	0.4
K26	Duodenal Ulcer	9	0.5
K27	Peptic Ulcer, Site Unspecified	6	0.3
K29	Gastritis and Duodenitis	3	0.2
K31	Other Diseases of Stomach and Duodenum	8	0.4
K35-K38	Diseases of Appendix	2	0.1
K37	Unspecified Appendicitis	2	0.1
K40-K46	Hernia	21	1.2
K40	Inguinal Hernia	2	0.1
K42	Umbilical Hernia	1	0.1
K43	Ventral Hernia	4	0.2
K44	Diaphragmatic Hernia	5	0.3
K46	Unspecified Abdominal Hernia	9	0.5
K50-K52	Noninfective Enteritis and Colitis	12	0.7
K50	Crohn's Disease [Regional Enteritis]	4	0.2
K51	Ulcerative Colitis	8	0.4
K55-K63	Other Diseases of Intestines	192	10.8
K55	Vascular Disorders of Intestine	68	3.8
K56	Paralytic Ileus and Intestinal Obstruction without Hernia	49	2.7
K57	Diverticular Disease of Intestine	20	1.1
K59	Other Functional Intestinal Disorders	3	0.2
K61	Abscess of Anal and Rectal Regions	1	0.1

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ICD-10 Code Number	Cause of Death	Number of Deaths	Rate
K62	Other Diseases of Anus and Rectum	4	0.2
K63	Other Diseases of Intestine	47	2.6
K65-K67	Diseases of Peritoneum	22	1.2
K65	Peritonitis	16	0.9
K66	Other Disorders of Peritoneum	6	0.3
K70-K77	Diseases of Liver	553	31.0
K70	Alcoholic Liver Disease	170	9.5
K72	Hepatic Failure, Not Elsewhere Classified	50	2.8
K73	Chronic Hepatitis, Not Elsewhere Classified	1	0.1
K74	Fibrosis and Cirrhosis of Liver	218	12.2
K75	Other Inflammatory Liver Diseases	10	0.6
K76	Other Diseases of Liver	104	5.8
K80-K87	Disorders of Gallbladder, Biliary Tract and Pancreas	93	5.2
K80	Cholelithiasis	4	0.2
K81	Cholecystitis	25	1.4
K82	Other Diseases of Gallbladder	1	0.1
K83	Other Diseases of Biliary Tract	12	0.7
K85	Acute Pancreatitis	34	1.9
K86	Other Diseases of Pancreas	17	1.0
K90-K93	Other Diseases of the Digestive System	82	4.6
K90	Intestinal Malabsorption	3	0.2
K92	Other Diseases of Digestive System	79	4.4
L00-L99	Diseases of the Skin and Subcutaneous Tissue	44	2.5
L00-L08	Infections of the Skin and Subcutaneous Tissue	26	1.5
L02	Cutaneous Abscess, Furuncle and Carbuncle	2	0.1
L03	Cellulitis	18	1.0
L08	Other Local Infections of Skin and Subcutaneous Tissue	6	0.3
L80-L99	Other Disorders of the Skin and Subcutaneous Tissue	18	1.0
L88	Pyoderma Gangrenosum	1	0.1
L89	Decubitus Ulcer	12	0.7
L93	Lupus Erythematosus	1	0.1
L94	Other Localized Connective Tissue Disorders	1	0.1
L97	Ulcer of Lower Limb, Not Elsewhere Classified	1	0.1
L98	Other Disorders of Skin and Subcutaneous Tissue, Not Elsewhere Classified	2	0.1
M00-M99	Diseases of the Musculoskeletal System and Connective Tissue	107	6.0
M00-M25	Arthropathies	27	1.5
M00-M03	Infectious Arthropathies	5	0.3
M00	Pyogenic Arthritis	5	0.3
M05-M14	Inflammatory Polyarthropathies	17	1.0
M05	Seropositive Rheumatoid Arthritis	3	0.2
M06	Other Rheumatoid Arthritis	12	0.7
M10	Gout	2	0.1
M15-M19	Arthrosis	5	0.3
M16	Coxarthrosis [Arthrosis of Hip]	1	0.1
M19	Other Arthrosis	4	0.2
M30-M36	Systemic Connective Tissue Disorders	11	0.6
M32	Systemic Lupus Erythematosus	7	0.4
M33	Dermatopolymyositis	1	0.1
M34	Systemic Sclerosis	2	0.1
M35	Other Systemic Involvement of Connective Tissue	1	0.1
M40-M54	Dorsopathies	12	0.7
M45-M49	Spondylopathies	12	0.7
M46	Other Inflammatory Spondylopathies	8	0.4
M48	Other Spondylopathies	4	0.2
M60-M79	Soft Tissue Disorders	28	1.6
M60-M63	Disorders of Muscles	13	0.7
M60	Myositis	3	0.2
M62	Other Disorders of Muscle	10	0.6
M70-M79	Other Soft Tissue Disorders	15	0.8
M72	Fibroblastic Disorders	14	0.8
M79	Other Soft Tissue Disorders, Not Elsewhere Classified	1	0.1

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ICD-10 Code Number	Cause of Death	Number of Deaths	Rate
M80-M94	Osteopathies and Chondropathies	29	1.6
M80-M85	Disorders of Bone Density and Structure	3	0.2
M80	Osteoporosis with Pathological Fracture	2	0.1
M81	Osteoporosis without Pathological Fracture	1	0.1
M86-M90	Other Osteopathies	26	1.5
M86	Osteomyelitis	26	1.5
N00-N99	Diseases of the Genitourinary System	799	44.8
N00-N08	Glomerular Diseases	7	0.4
N00	Acute Nephritic Syndrome	5	0.3
N04	Nephrotic Syndrome	2	0.1
N10-N16	Renal Tubulo-Interstitial Diseases	10	0.6
N10	Acute Tubulo-Interstitial Nephritis	1	0.1
N12	Tubulo-Interstitial Nephritis, Not Specified as Acute or Chronic	3	0.2
N13	Obstructive and Reflux Uropathy	6	0.3
N17-N19	Renal Failure	549	30.8
N17	Acute Renal Failure	86	4.8
N18	Chronic Renal Failure	362	20.3
N19	Unspecified Renal Failure	101	5.7
N20-N23	Urolithiasis	3	0.2
N20	Calculus of Kidney and Ureter	2	0.1
N21	Calculus of Lower Urinary Tract	1	0.1
N25-N29	Other Disorders of Kidney and Ureter	67	3.8
N28	Other Disorders of Kidney and Ureter, Not Elsewhere Classified	67	3.8
N30-N39	Other Diseases of the Urinary System	155	8.7
N30	Cystitis	1	0.1
N31	Neuromuscular Dysfunction of Bladder, Not Elsewhere Classified	1	0.1
N32	Other Disorders of Bladder	8	0.4
N39	Other Disorders of Urinary System	145	8.1
N40-N51	Diseases of Male Genital Organs	2	0.1
N41	Inflammatory Diseases of Prostate	1	0.1
N49	Inflammatory Disorders of Male Genital Organs, Not Elsewhere Classified	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	3	0.2
N73	Other Female Pelvic Inflammatory Diseases	2	0.1
N76	Other Inflammation of Vagina and Vulva	1	0.1
N80-N98	Noninflammatory Disorders of Female Genital Tract	2	0.1
N82	Fistula Involving Female Genital Tract	1	0.1
N83	Noninflammatory Disorders of Ovary, Fallopian Tube and Broad Ligament	1	0.1
O00-O99**	Pregnancy, Childbirth and the Puerperium	6	34.6
O20-O29	Other Maternal Disorders Predominately Related to Pregnancy	2	11.5
O26	Maternal Care for Other Conditions Predominantly Related to Pregnancy	2	11.5
O95-O99	Other Obstetric Conditions, Not Elsewhere Classified	4	23.1
O96	Death from Any Obstetric Cause Occurring More Than 42 Days But Less Than One Year After Delivery	2	11.5
O99	Other Maternal Diseases Classifiable Elsewhere but Complicating Pregnancy, Childbirth and the Puerperium	2	11.5
P00-P96	Certain Conditions Originating in the Perinatal Period	55	3.1
P00-P04	Fetus and Newborn Affected by Maternal Factors and by Complications of Pregnancy, Labor and Delivery	16	0.9
P01	Fetus and Newborn Affected by Maternal Complications of Pregnancy	8	0.4
P02	Fetus and Newborn Affected by Complications of Placenta, Cord and Membranes	6	0.3
P03	Fetus and Newborn Affected by Other Complications of Labor and Delivery	1	0.1
P04	Fetus and Newborn Affected by Noxious Influences Transmitted Via Placenta or Breast Milk	1	0.1
P05-P08	Disorders Related to Length of Gestation and Fetal Growth	12	0.7
P05	Slow Fetal Growth and Fetal Malnutrition	1	0.1
P07	Disorders Related to Short Gestation and Low Birthweight, Not Elsewhere Classified	11	0.6
P20-P29	Respiratory and Cardiovascular Disorders Specific to the Perinatal Period	11	0.6
P22	Respiratory Distress of Newborn	1	0.1
P23	Congenital Pneumonia	1	0.1
P25	Interstitial Emphysema and Related Conditions Originating in the Perinatal Period	1	0.1
P26	Pulmonary Hemorrhage Originating in the Perinatal Period	1	0.1
P27	Chronic Respiratory Disease Originating in the Perinatal Period	3	0.2

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

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Causes of Resident Deaths: Number and Rate
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Table 25 (Cont'd)

ICD-10 Code Number	Cause of Death	Number of Deaths	Rate
P29	Cardiovascular Disorders Originating in the Perinatal Period	4	0.2
P35-P39	Infections Specific to the Perinatal Period	4	0.2
P35	Congenital Viral Diseases	1	0.1
P36	Bacterial Sepsis of Newborn	3	0.2
P50-P61	Hemorrhagic and Hematological Disorders of Fetus and Newborn	6	0.3
P52	Intracranial Nontraumatic Hemorrhage of Fetus and Newborn	6	0.3
P75-P78	Digestive System Disorders of Fetus and Newborn	4	0.2
P77	Necrotizing Enterocolitis of Fetus and Newborn	4	0.2
P80-P83	Conditions Involving the Integument and Temperature Regulation of Fetus and Newborn	2	0.1
P80	Hypothermia of Newborn	1	0.1
P83	Other Conditions of Integument Specific to Fetus and Newborn	1	0.1
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	76	4.3
Q00-Q07	Congenital Malformations of the Nervous System	11	0.6
Q00	Anencephaly and Similar Malformations	1	0.1
Q01	Encephalocele	1	0.1
Q04	Other Congenital Malformations of Brain	2	0.1
Q05	Spina Bifida	5	0.3
Q07	Other Congenital Malformations of Nervous System	2	0.1
Q20-Q28	Congenital Malformations of the Circulatory System	18	1.0
Q20	Congenital Malformations of Cardiac Chambers and Connections	1	0.1
Q21	Congenital Malformations of Cardiac Septa	2	0.1
Q22	Congenital Malformations of Pulmonary and Tricuspid Valves	1	0.1
Q23	Congenital Malformations of Aortic and Mitral Valves	2	0.1
Q24	Other Congenital Malformations of the Heart	6	0.3
Q25	Congenital Malformations of Great Arteries	3	0.2
Q27	Other Congenital Malformations of Peripheral Vascular System	1	0.1
Q28	Other Congenital Malformations of Circulatory System	2	0.1
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	1	0.1
Q39	Congenital Malformations of Esophagus	1	0.1
Q60-Q64	Congenital Malformations of the Urinary System	5	0.3
Q60	Renal Agenesis and Other Reduction Defects of Kidney	4	0.2
Q61	Cystic Kidney Disease	1	0.1
Q65-Q79	Congenital Malformations and Deformations of the Musculoskeletal System	5	0.3
Q68	Other Congenital Musculoskeletal Deformities	1	0.1
Q77	Osteochondrodysplasia with Defects of Growth of Tubular Bones and Spine	1	0.1
Q78	Other Osteochondrodysplasias	2	0.1
Q79	Congenital Malformations of Musculoskeletal System, Not Elsewhere Classified	1	0.1
Q80-Q89	Other Congenital Malformations	12	0.7
Q85	Phakomatoses, Not Elsewhere Classified	1	0.1
Q86	Congenital Malformation Syndromes due to Known Exogenous Causes, Not Elsewhere Classified	1	0.1
Q87	Other Specified Congenital Malformation Syndromes Affecting Multiple Systems	5	0.3
Q89	Other Congenital Malformations, Not Elsewhere Classified	5	0.3
Q90-Q99	Chromosomal Abnormalities, Not Elsewhere Classified	21	1.2
Q90	Down's Syndrome	15	0.8
Q91	Edwards' Syndrome and Patau's Syndrome	3	0.2
Q92	Other Trisomies and Partial Trisomies of the Autosomes, Not Elsewhere Classified	1	0.1
Q93	Monosomies and Deletions from the Autosomes, Not Elsewhere Classified	1	0.1
Q99	Other Chromosome Abnormalities, Not Elsewhere Classified	1	0.1
R00-R99	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	398	22.3
R00-R09	Symptoms and Signs Involving the Circulatory and Respiratory Systems	7	0.4
R00	Abnormalities of Heart Beat	1	0.1
R04	Hemorrhage from Respiratory Passages	4	0.2
R06	Abnormalities of Breathing	2	0.1
R10-R19	Symptoms and Signs Involving the Digestive System and Abdomen	4	0.2
R13	Dysphagia	2	0.1
R19	Other Symptoms and Signs Involving the Digestive System and Abdomen	2	0.1

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Table 25 (Cont'd)

ICD-10 Code Number	Cause of Death	Number of Deaths	Rate
R25-R29	Symptoms and Signs Involving the Nervous and Musculoskeletal System	1	0.1
R25	Abnormal Involuntary Movements	1	0.1
R50-R69	General Symptoms and Signs	66	3.7
R50	Fever of Unknown Origin	1	0.1
R53	Malaise and Fatigue	2	0.1
R54	Senility	21	1.2
R55	Syncope and Collapse	1	0.1
R56	Convulsions, Not Elsewhere Classified	7	0.4
R57	Shock, Not Elsewhere Classified	8	0.4
R58	Hemorrhage, Not Elsewhere Classified	4	0.2
R62	Lack of Expected Normal Physiological Development	19	1.1
R68	Other General Symptoms and Signs	3	0.2
R70-R79	Abnormal Findings on Examination of Blood, without Diagnosis	1	0.1
R73	Elevated Blood Glucose Level	1	0.1
R90-R94	Abnormal Findings on Diagnostic Imaging and in Function Studies, without Diagnosis	2	0.1
R91	Abnormal Findings on Diagnostic Imaging of Lung	2	0.1
R95-R99	Ill-Defined and Unknown Causes of Mortality	317	17.8
R95	Sudden Infant Death Syndrome	5	0.3
R96	Other Sudden Death, Cause Unknown	3	0.2
R99	Other Ill-Defined and Unspecified Causes of Mortality	309	17.3
U07	COVID-19	1,480	82.9
V01-Y98	External Causes of Morbidity and Mortality	2,818	157.9
V01-V99	Transport Accidents	316	17.7
V01-V09	Pedestrian Injured in Transport Accident	30	1.7
V03	Pedestrian Injured in Collision with Car, Pickup Truck or Van	12	0.7
V04	Pedestrian Injured in Collision with Heavy Transport Vehicle or Bus	1	0.1
V05	Pedestrian Injured in Collision with Railway Train or Railway Vehicle	5	0.3
V09	Pedestrian Injured in Other and Unspecified Transport Accidents	12	0.7
V10-V19	Pedal Cyclist Injured in Transport Accident	2	0.1
V19	Pedal Cyclist Injured in Other and Unspecified Transport Accidents	2	0.1
V20-V29	Motorcycle Rider Injured in Transport Accident	37	2.1
V20	Motorcycle Rider Injured in Collision with Pedestrian or Animal	1	0.1
V23	Motorcycle Rider Injured in Collision with Car, Pickup Truck or Van	10	0.6
V24	Motorcycle Rider Injured in Collision with Heavy Transport Vehicle or Bus	1	0.1
V27	Motorcycle Rider Injured in Collision with Fixed or Stationary Object	5	0.3
V28	Motorcycle Rider Injured in Noncollision Transport Accident	7	0.4
V29	Motorcycle Rider Injured in Other and Unspecified Transport Accidents	13	0.7
V40-V49	Car Occupant Injured in Transport Accident	24	1.3
V43	Car Occupant Injured in Collision with Car, Pickup Truck or Van	12	0.7
V44	Car Occupant Injured in Collision with Heavy Transport Vehicle or Bus	1	0.1
V47	Car Occupant Injured in Collision with Fixed or Stationary Object	4	0.2
V48	Car Occupant Injured in Noncollision Transport Accident	3	0.2
V49	Car Occupant Injured in Other and Unspecified Transport Accidents	4	0.2
V50-V59	Occupant of Pickup or Van Injured in Transport Accident	9	0.5
V53	Occupant of Pickup or Van Injured in Collision with Car, Pickup Truck or Van	2	0.1
V57	Occupant of Pickup or Van Injured in Collision with Fixed or Stationary Object	2	0.1
V58	Occupant of Pickup or Van Injured in Noncollision Transport Accident	4	0.2
V59	Occupant of Pickup or Van Injured in Other and Unspecified Transport Accidents	1	0.1
V60-V69	Occupant of Heavy Transport Vehicle Injured in Transport Accident	2	0.1
V64	Occupant of Heavy Transport Vehicle Injured in Collision with Heavy Transport Vehicle or Bus	1	0.1
V68	Occupant of Heavy Transport Vehicle Injured in Noncollision Transport Accident	1	0.1
V80-V89	Other Land Transport Accidents	207	11.6
V80	Animal Rider or Occupant of Animal-Drawn Vehicle Injured in Transport Accident	2	0.1
V84	Occupant of Special Vehicle Mainly Used in Agriculture Injured in Transport Accident	4	0.2
V86	Occupant of Motor Vehicle Designed Primarily for Off-Road Use, Injured in Transport Accident	38	2.1
V87	Traffic Accident of Specified Type but Victim's Mode of Transport Unknown	67	3.8
V89	Motor- or Nonmotor-Vehicle Accident, Type of Vehicle Unspecified	96	5.4
V90-V94	Water Transport Accidents	5	0.3
V90	Accident to Watercraft Causing Drowning and Submersion	2	0.1
V91	Accident to Watercraft Causing Other Injury	1	0.1

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Table 25 (Cont'd)

ICD-10 Code Number	Cause of Death	Number of Deaths	Rate
V92	Water-Transport-Related Drowning and Submersion without Accident to Watercraft	2	0.1
W00-X59	Other External Causes of Accidental Injury	1,909	107.0
W00-W19	Falls	417	23.4
W00	Fall on Same Level Involving Ice and Snow	1	0.1
W01	Fall on Same Level from Slipping, Tripping and Stumbling	19	1.1
W05	Fall Involving Wheelchair	6	0.3
W06	Fall Involving Bed	24	1.3
W07	Fall Involving Chair	3	0.2
W08	Fall Involving Other Furniture	3	0.2
W10	Fall on and from Stairs and Steps	27	1.5
W11	Fall on and from Ladder	4	0.2
W12	Fall on and from Scaffolding	1	0.1
W13	Fall from, out of or through Building or Structure	8	0.4
W14	Fall from Tree	3	0.2
W16	Diving or Jumping into Water Causing Injury Other Than Drowning or Submersion	2	0.1
W17	Other Fall from One Level to Another	7	0.4
W18	Other Fall on Same Level	296	16.6
W19	Unspecified Fall	13	0.7
W20-W49	Exposure to Inanimate Mechanical Forces	48	2.7
W20	Struck by Thrown, Projected or Falling Object	11	0.6
W22	Striking against or Struck by Other Objects	5	0.3
W23	Caught, Crushed, Jammed or Pinched in or between Objects	1	0.1
W28	Contact with Powered Lawnmower	5	0.3
W29	Contact with Other Powered Hand Tools and Household Machinery	1	0.1
W30	Contact with Agricultural Machinery	10	0.6
W32	Handgun Discharge	3	0.2
W33	Rifle, Shotgun and Larger Firearm Discharge	1	0.1
W34	Discharge from Other and Unspecified Firearms	7	0.4
W40	Explosion of Other Materials	3	0.2
W49	Exposure to Other and Unspecified Inanimate Mechanical Forces	1	0.1
W50-W64	Exposure to Animate Mechanical Forces	1	0.1
W55	Bitten or Struck by Other Mammals	1	0.1
W65-W74	Accidental Drowning and Submersion	22	1.2
W67	Drowning and Submersion while 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	3	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	44	2.5
W75	Accidental Suffocation and Strangulation in Bed	8	0.4
W78	Inhalation of Gastric Contents	2	0.1
W79	Inhalation and Ingestion of Food Causing Obstruction of Respiratory Tract	14	0.8
W80	Inhalation and Ingestion of Other Objects Causing Obstruction of Respiratory Tract	20	1.1
W85-W99	Exposure to Electric Current, Radiation and Extreme Ambient Air Temperature and Pressure	3	0.2
W85	Exposure to Electric Transmission Lines	2	0.1
W87	Exposure to Unspecified Electric Current	1	0.1
X00-X09	Exposure to Smoke, Fire and Flames	32	1.8
X00	Exposure to Uncontrolled Fire in Building or Structure	22	1.2
X04	Exposure to Ignition of Highly Flammable Material	3	0.2
X06	Exposure to Ignition or Melting of Other Clothing and Apparel	2	0.1
X09	Exposure to Unspecified Smoke, Fire and Flames	5	0.3
X10-X19	Contact with Heat and Hot Substances	3	0.2
X11	Contact with Hot Tap-Water	1	0.1
X15	Contact with Hot Household Appliances	1	0.1
X16	Contact with Hot Heating Appliances, Radiators and Pipes	1	0.1
X30-X39	Exposure to Forces of Nature	5	0.3
X30	Exposure to Excessive Natural Heat	1	0.1
X31	Exposure to Excessive Natural Cold	4	0.2
X40-X49	Accidental Poisoning by and Exposure to Noxious Substances	1,310	73.4
X40	Accidental Poisoning by Nonopioid Analgesics, Antipyretics and Antirheumatics	4	0.2

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Causes of Resident Deaths: Number and Rate
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Table 25 (Cont'd)

ICD-10 Code Number	Cause of Death	Number of Deaths	Rate
X41	Accidental Poisoning by Antiepileptic, Sedative-hypnotic, Antiparkinsonism and Psychotropic Drugs	125	7.0
X42	Accidental Poisoning by Narcotics and Psychodysleptics [Hallucinogens], Not Elsewhere Classified	335	18.8
X44	Accidental Poisoning by Other and Unspecified Drugs, Medicaments and Biological Substances	825	46.2
X45	Accidental Poisoning by Alcohol	10	0.6
X47	Accidental Poisoning by Other Gases and Vapors	11	0.6
X58-X59	Accidental Exposure to Other and Unspecified Factors	24	1.3
X59	Exposure to Unspecified Factors	24	1.3
X60-X84	Intentional Self-Harm	354	19.8
X60	Intentional Self-Poisoning by Nonopioid Analgesics, Antipyretics and Antirheumatics	1	0.1
X61	Intentional Self-Poisoning by Antiepileptic, Sedative-Hypnotic, Antiparkinsonism and Psychotropic Drugs	9	0.5
X62	Intentional Self-Poisoning by Narcotics and Psychodysleptics [Hallucinogens], Not Elsewhere Classified	1	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	14	0.8
X65	Intentional Self-Poisoning by Alcohol	1	0.1
X66	Intentional Self-Poisoning by Organic Solvents and Halogenated Hydrocarbons and Their Vapors	1	0.1
X67	Intentional Self-Poisoning by Other Gases and Vapors	2	0.1
X69	Intentional Self-Poisoning by Other and Unspecified Chemicals and Noxious Substances	2	0.1
X70	Intentional Self-Harm by Hanging, Strangulation and Suffocation	79	4.4
X71	Intentional Self-Harm by Drowning and Submersion	6	0.3
X72	Intentional Self-Harm by Handgun Discharge	64	3.6
X73	Intentional Self-Harm by Rifle, Shotgun and Larger Firearm Discharge	43	2.4
X74	Intentional Self-Harm by Other and Unspecified Firearm Discharge	113	6.3
X78	Intentional Self-Harm by Sharp Object	4	0.2
X80	Intentional Self-Harm by Jumping from a High Place	8	0.4
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
X83	Intentional Self-Harm by Other Specific Means	1	0.1
X85-Y09	Assault	116	6.5
X93	Assault by Handgun Discharge	12	0.7
X94	Assault by Rifle, Shotgun and Larger Firearm Discharge	5	0.3
X95	Assault by Other and Unspecified Firearm Discharge	72	4.0
X97	Assault by Smoke, Fire and Flames	2	0.1
X99	Assault by Sharp Object	8	0.4
Y04	Assault by Bodily Force	1	0.1
Y07	Other Maltreatment Syndromes	1	0.1
Y08	Assault by Other Specified Means	4	0.2
Y09	Assault by Unspecified Means	11	0.6
Y10-Y34	Event of Undetermined Intent	44	2.5
Y11	Poisoning by Antiepileptic, Sedative-Hypnotic, Antiparkinsonism and Psychotropic Drugs, Undetermined Intent	6	0.3
Y12	Poisoning by Narcotics and Psychodysleptics [Hallucinogens], Undetermined Intent	8	0.4
Y14	Poisoning by Other and Unspecified Drugs, Medicaments and Biological Substances, Undetermined Intent	7	0.4
Y20	Hanging, Strangulation and Suffocation, Undetermined Intent	1	0.1
Y21	Drowning and Submersion, Undetermined Intent	5	0.3
Y24	Other and Unspecified Firearm Discharge, Undetermined Intent	2	0.1
Y26	Exposure to Smoke, Fire and Flames, Undetermined Intent	8	0.4
Y28	Contact with Sharp Object, Undetermined Intent	2	0.1
Y34	Unspecified Event, Undetermined Intent	5	0.3
Y35-Y36	Legal Intervention and Operations of War	6	0.3
Y35	Legal Intervention	6	0.3
Y40-Y84	Complications of Medical and Surgical Care	48	2.7
Y40-Y59	Drugs, Medicaments and Biological Substances Causing Adverse Effects in Therapeutic Use	6	0.3
Y40	Systemic Antibiotics	1	0.1
Y43	Primarily Systemic Agents	1	0.1
Y57	Other and Unspecified Drugs and Medicaments	4	0.2
Y83-Y84	Medical Procedures as the Cause of Abnormal Reaction, Not Noticed at the Time of the Procedure	42	2.4
Y83	Surgical Procedures as the Cause of Abnormal Reaction, Not Noticed at the Time of the Procedure	39	2.2
Y84	Other Medical Procedures as the Cause of Abnormal Reaction, Not Noticed at the Time of the Procedure	3	0.2
Y85-Y89	Sequelae of External Causes of Morbidity and Mortality	25	1.4
Y85	Sequelae of Transport Accidents	15	0.8
Y86	Sequelae of Other Accidents	10	0.6

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Selected Causes of Resident Deaths: Number by Race
West Virginia, 2020
Table 26

Selected Causes of Death	Number by Race of Decedent						Total
	White or Caucasian	Black or African American	Native American or Aleutian Islander	Asian, Hawaiian or Pacific Islander	Two or More Races	All Other Races	
Fetal Deaths	75	4	0	0	3	0	82
Total Deaths, All Causes	25,184	809	10	72	25	8	26,108
--Deaths Under One Year	114	6	0	2	9	0	131
--Deaths Under 28 Days	73	4	0	1	7	0	85
Tuberculosis	2	0	0	0	0	0	2
Septicemia	326	18	0	0	0	0	344
Human Immunodeficiency Virus Infection	9	1	0	0	0	0	10
Malignant Neoplasms	4,586	125	1	11	1	1	4,725
--of Digestive Organs	1,176	30	1	3	0	0	1,210
----Colon	324	10	0	0	0	0	334
----Pancreas	284	8	1	0	0	0	293
--of Respiratory and Intrathoracic Organs	1,339	41	0	5	0	0	1,385
----Trachea, Bronchus and Lung	1,295	38	0	5	0	0	1,338
--of Breast	254	9	0	0	0	0	263
--of Genitourinary Organs	658	19	0	1	0	0	678
----Cervix Uteri	29	0	0	0	0	0	29
----Ovary	97	1	0	1	0	0	99
----Prostate	190	9	0	0	0	0	199
----Bladder	134	4	0	0	0	0	138
--All Other (Malignant Neoplasms)	1,159	26	0	2	1	1	1,189
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	157	6	0	1	0	0	164
Diabetes Mellitus	1,017	55	1	2	2	0	1,077
Dementia	960	30	0	3	0	0	993
Alzheimer's Disease	913	12	0	4	0	2	931
Major Cardiovascular Disease	6,395	193	5	19	1	2	6,614
--Diseases of the Heart	4,968	143	4	13	1	2	5,131
----Ischemic Heart Disease	3,119	73	3	7	1	2	3,205
--Essential Hypertension and Hypertensive Renal Disease	296	14	0	1	0	0	311
--Cerebrovascular Diseases (Stroke)	912	33	1	4	0	0	950
--Arteriosclerosis	62	0	0	0	0	0	62
--Other Diseases of Arteries, Arterioles and Capillaries	156	3	0	1	0	0	160
Influenza and Pneumonia	438	9	0	0	0	0	447
--Influenza	54	3	0	0	0	0	57
--Pneumonia	384	6	0	0	0	0	390
Chronic Lower Respiratory Diseases	1,580	28	0	1	1	0	1,610
--Bronchitis, Emphysema and Asthma	83	4	0	0	0	0	87
Lung Diseases due to External Agents	170	4	0	0	0	0	174
--Coal Worker's Pneumoconiosis	29	0	0	0	0	0	29
Chronic Liver Disease and Cirrhosis	380	9	0	0	0	0	389
Nephritis, Nephrotic Syndrome and Nephrosis	530	25	0	1	0	0	556
Congenital Malformations	68	5	0	1	2	0	76
Ill-Defined and Unknown Causes of Death	301	16	0	0	0	0	317
COVID-19	1,428	44	1	7	0	0	1,480
Accidents, All Forms	2,136	96	0	7	8	3	2,250
--Motor Vehicle	290	11	0	0	0	1	302
--Falls	408	8	0	1	0	0	417
--Drownings	22	0	0	0	0	0	22
--Smoke, Fire and Flames	30	2	0	0	0	0	32
--Poisonings	1,225	71	0	6	7	1	1,310
--Other Accidents	161	4	0	0	1	1	167
Intentional Self-Harm (Suicide)	336	14	0	3	1	0	354
Assault (Homicide)	103	10	0	1	2	0	116
Injury Undetermined Whether Accidental or Purposely Inflicted	35	8	0	0	1	0	44
All Other Causes (Residual)	3,314	101	2	11	6	0	3,434

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Selected Causes of Male Resident Deaths: Number by Race
West Virginia, 2020
Table 27

Selected Causes of Death	Number by Race of Male Decedent						Total
	White or Caucasian	Black or African American	Native American or Aleutian Islander	Asian, Hawaiian or Pacific Islander	Two or More Races	All Other Races	
Fetal Deaths	41	3	0	0	2	0	46
Total Deaths, All Causes	13,364	457	6	34	18	6	13,885
--Deaths Under One Year	64	3	0	2	6	0	75
--Deaths Under 28 Days	41	2	0	1	5	0	49
Tuberculosis	1	0	0	0	0	0	1
Septicemia	152	6	0	0	0	0	158
Human Immunodeficiency Virus Infection	6	1	0	0	0	0	7
Malignant Neoplasms	2,543	75	1	2	1	1	2,623
--of Digestive Organs	722	20	1	0	0	0	743
----Colon	183	6	0	0	0	0	189
----Pancreas	156	5	1	0	0	0	162
--of Respiratory and Intrathoracic Organs	772	24	0	2	0	0	798
----Trachea, Bronchus and Lung	738	21	0	2	0	0	761
--of Breast	4	0	0	0	0	0	4
--of Genitourinary Organs	370	13	0	0	0	0	383
----Cervix Uteri	0	0	0	0	0	0	0
----Ovary	0	0	0	0	0	0	0
----Prostate	190	9	0	0	0	0	199
----Bladder	104	2	0	0	0	0	106
--All Other (Malignant Neoplasms)	675	18	0	0	1	1	695
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	88	3	0	1	0	0	92
Diabetes Mellitus	560	26	0	0	1	0	587
Dementia	331	8	0	0	0	0	339
Alzheimer's Disease	273	4	0	0	0	1	278
Major Cardiovascular Disease	3,450	111	3	8	0	1	3,573
--Diseases of the Heart	2,782	88	3	6	0	1	2,880
----Ischemic Heart Disease	1,829	48	3	1	0	1	1,882
--Essential Hypertension and Hypertensive Renal Disease	135	5	0	1	0	0	141
--Cerebrovascular Diseases (Stroke)	422	17	0	1	0	0	440
--Arteriosclerosis	24	0	0	0	0	0	24
--Other Diseases of Arteries, Arterioles and Capillaries	86	1	0	0	0	0	87
Influenza and Pneumonia	210	3	0	0	0	0	213
--Influenza	27	0	0	0	0	0	27
--Pneumonia	183	3	0	0	0	0	186
Chronic Lower Respiratory Diseases	743	14	0	1	1	0	759
--Bronchitis, Emphysema and Asthma	45	3	0	0	0	0	48
Lung Diseases due to External Agents	116	2	0	0	0	0	118
--Coal Worker's Pneumoconiosis	29	0	0	0	0	0	29
Chronic Liver Disease and Cirrhosis	254	6	0	0	0	0	260
Nephritis, Nephrotic Syndrome and Nephrosis	269	13	0	1	0	0	283
Congenital Malformations	40	2	0	1	1	0	44
Ill-Defined and Unknown Causes of Death	150	9	0	0	0	0	159
COVID-19	715	20	1	6	0	0	742
Accidents, All Forms	1,421	74	0	5	7	3	1,510
--Motor Vehicle	220	8	0	0	0	1	229
--Falls	196	5	0	1	0	0	202
--Drownings	17	0	0	0	0	0	17
--Smoke, Fire and Flames	16	2	0	0	0	0	18
--Poisonings	861	57	0	4	6	1	929
--Other Accidents	111	2	0	0	1	1	115
Intentional Self-Harm (Suicide)	278	11	0	2	0	0	291
Assault (Homicide)	75	10	0	1	1	0	87
Injury Undetermined Whether Accidental or Purposely Inflicted	22	7	0	0	1	0	30
All Other Causes (Residual)	1,667	52	1	6	5	0	1,731

West Virginia Bureau for Public Health
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Selected Causes of Female Resident Deaths: Number by Race
West Virginia, 2020
Table 28

Selected Causes of Death	Number by Race of Female Decedent						Total
	White or Caucasian	Black or African American	Native American or Aleutian Islander	Asian, Hawaiian or Pacific Islander	Two or More Races	All Other Races	
Fetal Deaths	34	1	0	0	1	0	36
Total Deaths, All Causes	11,820	352	4	38	7	2	12,223
--Deaths Under One Year	50	3	0	0	3	0	56
--Deaths Under 28 Days	32	2	0	0	2	0	36
Tuberculosis	1	0	0	0	0	0	1
Septicemia	174	12	0	0	0	0	186
Human Immunodeficiency Virus Infection	3	0	0	0	0	0	3
Malignant Neoplasms	2,043	50	0	9	0	0	2,102
--of Digestive Organs	454	10	0	3	0	0	467
----Colon	141	4	0	0	0	0	145
----Pancreas	128	3	0	0	0	0	131
--of Respiratory and Intrathoracic Organs	567	17	0	3	0	0	587
----Trachea, Bronchus and Lung	557	17	0	3	0	0	577
--of Breast	250	9	0	0	0	0	259
--of Genitourinary Organs	288	6	0	1	0	0	295
----Cervix Uteri	29	0	0	0	0	0	29
----Ovary	97	1	0	1	0	0	99
----Prostate	0	0	0	0	0	0	0
----Bladder	30	2	0	0	0	0	32
--All Other (Malignant Neoplasms)	484	8	0	2	0	0	494
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	69	3	0	0	0	0	72
Diabetes Mellitus	457	29	1	2	1	0	490
Dementia	629	22	0	3	0	0	654
Alzheimer's Disease	640	8	0	4	0	1	653
Major Cardiovascular Disease	2,945	82	2	11	1	1	3,042
--Diseases of the Heart	2,186	55	1	7	1	1	2,251
----Ischemic Heart Disease	1,290	25	0	6	1	1	1,323
--Essential Hypertension and Hypertensive Renal Disease	161	9	0	0	0	0	170
--Cerebrovascular Diseases (Stroke)	490	16	1	3	0	0	510
--Arteriosclerosis	38	0	0	0	0	0	38
--Other Diseases of Arteries, Arterioles and Capillaries	70	2	0	1	0	0	73
Influenza and Pneumonia	228	6	0	0	0	0	234
--Influenza	27	3	0	0	0	0	30
--Pneumonia	201	3	0	0	0	0	204
Chronic Lower Respiratory Diseases	837	14	0	0	0	0	851
--Bronchitis, Emphysema and Asthma	38	1	0	0	0	0	39
Lung Diseases due to External Agents	54	2	0	0	0	0	56
--Coal Worker's Pneumoconiosis	0	0	0	0	0	0	0
Chronic Liver Disease and Cirrhosis	126	3	0	0	0	0	129
Nephritis, Nephrotic Syndrome and Nephrosis	261	12	0	0	0	0	273
Congenital Malformations	28	3	0	0	1	0	32
Ill-Defined and Unknown Causes of Death	151	7	0	0	0	0	158
COVID-19	713	24	0	1	0	0	738
Accidents, All Forms	715	22	0	2	1	0	740
--Motor Vehicle	70	3	0	0	0	0	73
--Falls	212	3	0	0	0	0	215
--Drownings	5	0	0	0	0	0	5
--Smoke, Fire and Flames	14	0	0	0	0	0	14
--Poisonings	364	14	0	2	1	0	381
--Other Accidents	50	2	0	0	0	0	52
Intentional Self-Harm (Suicide)	58	3	0	1	1	0	63
Assault (Homicide)	28	0	0	0	1	0	29
Injury Undetermined Whether Accidental or Purposely Inflicted	13	1	0	0	0	0	14
All Other Causes (Residual)	1,647	49	1	5	1	0	1,703

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Selected Causes of Resident Deaths by Age Group
West Virginia, 2020
Table 29

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	26,108	131	61	193	620	1,010	1,680	3,629	5,755	6,612	6,417	71.8
--Deaths Under One Year	131	131	0	0	0	0	0	0	0	0	0	0.1
--Deaths Under 28 Days	85	85	0	0	0	0	0	0	0	0	0	0.0
Tuberculosis	2	0	0	0	0	0	0	1	0	0	1	72.0
Septicemia	344	1	0	1	7	11	31	52	84	91	66	70.9
Human Immunodeficiency Virus Infection	10	0	0	0	0	5	3	2	0	0	0	48.3
Malignant Neoplasms	4,725	0	11	2	21	71	265	963	1,498	1,278	616	71.0
--of Digestive Organs	1,210	0	1	0	2	18	88	252	386	316	147	70.6
----Colon	334	0	0	0	0	5	22	71	102	78	56	71.8
----Pancreas	293	0	0	0	0	5	29	56	87	80	36	70.2
--of Respiratory and Intrathoracic Organs	1,385	0	1	0	0	7	56	326	508	378	109	70.6
----Trachea, Bronchus and Lung	1,338	0	1	0	0	6	53	314	493	367	104	70.6
--of Breast	263	0	0	0	1	11	23	49	79	61	39	69.8
--of Genitourinary Organs	678	0	1	0	6	15	31	115	190	191	129	72.6
----Cervix Uteri	29	0	0	0	2	4	4	12	2	3	2	57.8
----Ovary	99	0	0	0	1	4	5	25	27	24	13	69.1
----Prostate	199	0	0	0	0	1	1	14	52	80	51	77.8
----Bladder	138	0	0	0	0	0	8	19	38	44	29	74.8
--All Other (Malignant Neoplasms)	1,189	0	8	2	12	20	67	221	335	332	192	71.3
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	164	1	0	1	2	2	6	21	50	46	35	73.3
Diabetes Mellitus	1,077	0	0	3	8	28	76	184	327	284	167	71.2
Dementia	993	0	0	0	0	0	1	10	92	291	599	85.8
Alzheimer's Disease	931	0	0	0	0	1	1	4	61	290	574	86.0
Major Cardiovascular Disease	6,615	2	4	7	31	123	332	837	1,423	1,763	2,093	76.0
--Diseases of the Heart	5,131	1	3	4	26	102	271	687	1,122	1,317	1,598	75.6
----Ischemic Heart Disease	3,205	0	0	0	4	38	154	460	737	864	948	75.9
--Essential Hypertension and Hypertensive Renal Disease	311	0	0	0	0	6	17	34	69	86	99	76.3
--Cerebrovascular Diseases (Stroke)	950	1	0	2	5	13	34	92	179	299	325	77.8
--Arteriosclerosis	62	0	0	0	0	1	0	3	8	20	30	82.8
--Other Diseases of Arteries, Arterioles and Capillaries	160	0	1	1	0	1	9	21	45	41	41	74.7
Influenza and Pneumonia	447	2	2	0	11	14	26	52	100	117	123	73.4
--Influenza	57	0	1	0	4	5	4	10	14	12	7	65.1
--Pneumonia	390	2	1	0	7	9	22	42	86	105	116	74.6
Chronic Lower Respiratory Diseases	1,610	0	0	4	1	4	52	246	448	534	321	70.8
--Bronchitis, Emphysema and Asthma	87	0	0	3	1	2	3	12	25	25	16	71.3
Lung Diseases due to External Agents	174	0	0	0	1	0	6	14	37	62	54	108.1
--Coal Workers Pneumoconiosis	29	0	0	0	0	0	0	5	8	10	6	74.3
Chronic Liver Disease and Cirrhosis	389	0	0	0	3	30	58	130	110	45	13	62.4
Nephritis, Nephrotic Syndrome and Nephrosis	556	0	1	0	1	5	29	56	136	186	142	76.0
Congenital Malformations	76	32	6	3	5	7	7	7	5	3	1	25.3
Ill-Defined and Unknown Causes of Death	317	19	1	1	9	7	21	40	71	67	81	68.4
COVID-19	1,480	0	0	1	4	11	55	120	350	469	470	77.6
Accidents, All Forms	2,250	9	15	100	366	461	391	302	204	183	219	52.0
--Motor Vehicle	302	0	7	45	41	46	41	43	43	26	10	47.9
--Falls	417	0	0	1	4	1	8	34	71	118	180	80.1
--Drownings	22	1	1	6	0	2	1	5	6	0	0	44.3
--Smoke, Fire and Flames	32	0	2	0	0	1	2	12	7	5	3	63.5
--Poisonings	1,310	0	2	45	312	389	317	187	46	6	6	43.1
--Other Accidents	167	8	3	3	9	22	22	21	31	28	20	58.5
Intentional Self-Harm (Suicide)	354	0	3	40	66	63	54	52	42	25	9	47.0
Assault (Homicide)	116	1	7	12	23	31	16	11	4	9	2	41.1
Injury Undetermined Whether Accidental or Purposely Inflicted	44	0	3	1	8	10	9	7	6	0	0	43.9
All Other Causes (Residual)	3,434	64	8	17	53	126	241	518	707	869	831	71.0

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Selected Causes of Resident Deaths by Month of Occurrence
West Virginia, 2020
Table 30

Selected Causes of Death	Number of Deaths per Month												Total
	Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Dec	
Fetal Deaths	12	9	8	9	3	4	5	9	8	6	5	4	82
Total Deaths, All Causes	2,221	1,988	2,142	2,032	2,004	1,881	2,082	2,116	2,048	2,136	2,395	3,063	26,108
--Deaths Under One Year	12	14	9	15	9	8	10	12	13	11	8	10	131
--Deaths Under 28 Days	8	10	6	11	3	7	7	6	10	7	4	6	85
Tuberculosis	0	0	0	0	0	0	0	0	2	0	0	0	2
Septicemia	37	25	31	20	31	25	20	28	20	39	32	36	344
Human Immunodeficiency Virus Infection	0	1	1	1	1	2	0	0	1	2	0	1	10
Malignant Neoplasms	407	382	399	386	356	396	422	392	383	401	400	401	4,725
--of Digestive Organs	92	107	95	97	91	115	115	109	105	104	85	95	1,210
----Colon	20	30	29	23	27	37	25	30	27	27	29	30	334
----Pancreas	24	26	22	22	23	31	28	26	20	25	22	24	293
--of Respiratory and Intrathoracic Organs	120	112	122	111	96	115	126	104	101	130	129	119	1,385
----Trachea, Bronchus and Lung	116	108	118	108	92	109	120	102	98	126	123	118	1,338
--of Breast	31	23	18	22	19	28	26	23	22	18	12	21	263
--of Genitourinary Organs	66	42	61	48	53	56	61	59	52	55	65	60	678
----Cervix Uteri	4	1	1	4	5	2	1	2	4	3	0	2	29
----Ovary	8	7	6	3	11	14	8	9	6	9	12	6	99
----Prostate	23	10	21	12	12	13	18	12	16	14	25	23	199
----Bladder	10	10	12	8	14	9	13	15	9	13	10	15	138
--All Other (Malignant Neoplasms)	98	98	103	108	97	82	94	97	103	94	109	106	1,189
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	10	14	14	12	11	14	13	22	14	16	11	13	164
Diabetes Mellitus	88	101	93	84	79	77	79	102	83	79	100	112	1,077
Dementia	99	96	75	80	65	58	94	88	75	84	84	95	993
Alzheimer's Disease	76	76	85	77	71	79	78	79	78	65	74	93	931
Major Cardiovascular Disease	653	545	576	508	564	485	557	535	486	535	558	613	6,615
--Diseases of the Heart	508	430	450	403	429	388	428	415	371	406	426	477	5,131
----Ischemic Heart Disease	296	278	279	249	279	245	257	253	248	254	254	313	3,205
--Essential Hypertension and Hypertensive Renal Disease	20	31	19	23	34	23	25	27	20	26	27	36	311
--Cerebrovascular Diseases (Stroke)	101	71	93	63	81	59	81	76	85	80	77	83	950
--Arteriosclerosis	8	3	5	4	2	4	4	1	3	8	13	7	62
--Other Diseases of Arteries, Arterioles and Capillaries	16	10	9	15	18	11	19	16	7	14	15	10	160
Influenza and Pneumonia	52	56	61	39	36	24	35	21	19	33	27	44	447
--Influenza	11	22	22	2	0	0	0	0	0	0	0	0	57
--Pneumonia	41	34	39	37	36	24	35	21	19	33	27	44	390
Chronic Lower Respiratory Diseases	177	140	173	154	115	99	109	120	124	135	115	149	1,610
--Bronchitis, Emphysema and Asthma	8	4	10	11	8	5	6	5	8	6	7	9	87
Lung Diseases due to External Agents	20	12	14	10	14	12	9	11	17	18	15	22	174
--Coal Worker's Pneumoconiosis	3	1	4	0	4	2	3	3	1	1	4	3	29
Chronic Liver Disease and Cirrhosis	29	22	36	38	34	28	32	38	28	28	41	35	389
Nephritis, Nephrotic Syndrome and Nephrosis	56	47	48	45	36	44	49	40	44	42	53	52	556
Congenital Malformations	10	5	9	8	5	5	4	8	11	4	3	4	76
Ill-Defined and Unknown Causes of Death	19	32	35	17	20	22	25	27	27	25	25	43	317
COVID-19	0	0	1	41	34	15	33	99	107	125	299	726	1,480
Accidents, All Forms	148	141	154	184	230	194	205	190	207	171	204	222	2,250
--Motor Vehicle	20	23	16	21	22	25	30	34	25	32	24	30	302
--Falls	29	28	39	36	29	30	38	35	38	25	39	51	417
--Drownings	1	3	1	2	4	1	6	3	1	0	0	0	22
--Smoke, Fire and Flames	3	4	4	1	1	3	4	1	1	3	4	3	32
--Poisonings	77	71	75	110	165	122	115	103	121	103	124	124	1,310
--Other Accidents	18	12	19	14	9	13	12	14	21	8	13	14	167
Intentional Self-Harm (Suicide)	33	33	29	26	26	38	37	18	31	32	20	31	354
Assault (Homicide)	5	7	11	10	12	6	8	7	10	4	14	22	116
Injury Undetermined Whether Accidental or Purposely Inflicted	3	2	8	9	6	4	2	3	5	1	1	0	44
All Other Causes (Residual)	299	251	289	283	258	254	271	288	276	297	319	349	3,434

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West Virginia Vital Statistics
Infant & Fetal Deaths

Infant and Fetal Death Summary

Deaths of infants under one year of age increased by 19 from 112 in 2019 to 131 in 2020. West Virginia's infant mortality rate also increased (22.6%) from 6.2 per 1,000 live births in 2019 to 7.6 in 2020. The U.S. infant mortality rate was 5.4 in 2020.

The following table shows the decline in the national and state infant mortality rates from 1950 through 2020.

1950 – 2020 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
2010	7.3	6.1
2011	6.8	6.0
2012	7.3	6.0
2013	7.5	6.0
2014	7.1	5.8
2015	7.0	5.9
2016	7.3	5.8
2017	7.1	5.8
2018	7.0	5.7
2019	6.2	5.6
2020	7.6	5.4

The state's 2020 white infant mortality rate increased from 5.7 in 2019 to 7.1 in 2020, and the rate for black infants decreased from 20.3 to 9.4. West Virginia's 2020 race-specific infant mortality rates and comparable U.S. rates are shown in the table on the following page.

**2020 West Virginia and United States
Infant Mortality by Race of Infant
(Number and Rate per 1,000 Live Births)**

Race of Infant	West Virginia		United States	
	Number	Rate	Number	Rate
All Races	131	7.6	19,578	5.4
White	114	7.1	11,923	4.5
Black	6	9.4	5,862	10.0
Other	11	17.5	1,792	4.7

*Source: <http://wonder.cdc.gov/>

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Over one out of seven (14.5%) infant deaths in 2020 was due to SUIDS (sudden unexplained infant death syndrome). Over one in five (24.4%) infant deaths was the result of congenital malformations, while 41.2% were due to certain conditions originating in the perinatal period, including disorders relating to short gestation and unspecified low birthweight (8.4%).

Neonatal/Postneonatal Deaths

The number of neonatal deaths increased by 11, from 74 in 2019 to 85 in 2020. The neonatal death rate also increased from 4.1 deaths per 1,000 live births among infants aged less than 28 days in 2019 to 4.9 in 2020. Neonatal deaths comprised 64.9% of all West Virginia resident infant deaths in 2020, compared with 66.1% in 2019. The rate of postneonatal deaths increased from 2.1 deaths per 1,000 neonatal survivors in 2019 to 2.7 in 2020. The 2020 U.S. neonatal death rate was 3.6, while the postneonatal rate was 1.9 deaths per 1,000 neonatal survivors.

Fetal Deaths

Fetal deaths are registered when birthweight is at least 350 grams or if the weight is unknown, those occurring after 20 or more weeks gestation.

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 2020 were 3 less than in 2019 (86). The fetal death ratio remained the same from 2019 and 2020 at 4.8 deaths per 1,000 live births. All of the fetal deaths were due to conditions originating in the perinatal period, including short gestation and low birthweight (56.6%).

Fetal Deaths, Neonatal Deaths and Postneonatal Deaths: Number and Rate/Ratio
West Virginia Resident Deaths, 1925-2020

Table 31

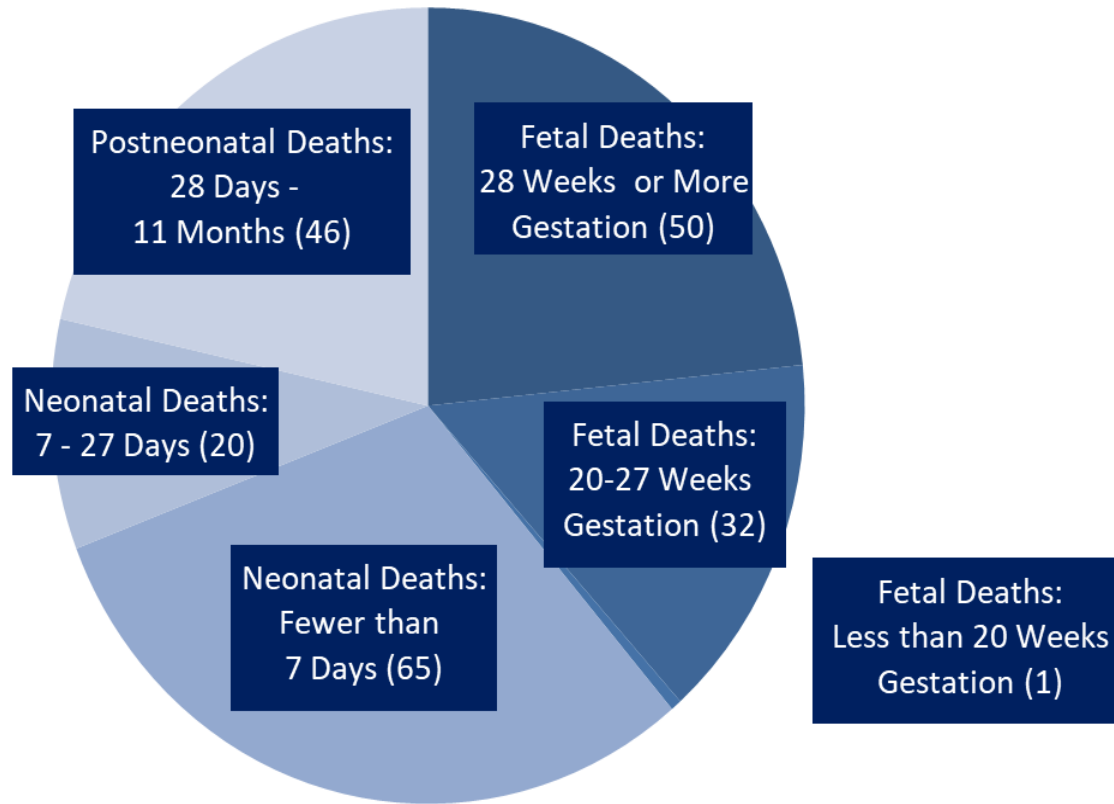
Year	Fetal Deaths		Neonatal Deaths		Postneonatal Deaths		
	Number	Ratio per 1,000 Live Births	Number	Rate per 1,000 Live Births	Number	Rate per 1,000 Live Births	Rate per 1,000 Neonatal Survivors*
1925	1,740	38.5	N/A	N/A	N/A	N/A	N/A
1930	1,547	37.2	N/A	N/A	N/A	N/A	N/A
1935	1,647	39.4	1,467	35.1	1,071	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
2015	86	4.3	85	4.3	54	2.7	2.7
2016	96	5.0	84	4.4	55	2.9	2.9
2017	107	5.7	78	4.2	55	2.9	3.0
2018	103	5.6	78	4.3	50	2.7	2.8
2019	86	4.8	74	4.1	38	2.1	2.1
2020	83	4.8	85	4.9	46	2.7	2.7

*Neonatal Survivors are live births minus neonatal deaths

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Fetal Deaths, Neonatal Deaths and Postneonatal Deaths
West Virginia Resident Perinatal Deaths, 2020
Exhibit 14



West Virginia Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2022

Causes of Resident Infant Deaths by Age
West Virginia, 2020
Table 32

ICDA 10 Code Number	Cause of Death	Under 1 Day	1 to 6 Days	7 to 27 Days	28 Days to 11 Months	Total
A00-Z99	Total Deaths, All Causes	45	20	20	46	131
A00-B99	Certain Infectious and Parasitic Diseases	0	0	0	1	1
A30-A49	Other Bacterial Diseases	0	0	0	1	1
A41	Other Septicemia	0	0	0	1	1
C00-D48	Neoplasms	0	0	0	1	1
D37-D48	Neoplasms of Uncertain or Unknown Behavior	0	0	0	1	1
D43	Neoplasm of Uncertain or Unknown Behavior of Brain and Central Nervous System	0	0	0	1	1
E00-E90	Endocrine, Nutritional and Metabolic Diseases	0	0	1	0	1
E70-E90	Metabolic Disorders	0	0	1	0	1
E83	Disorders of Mineral Metabolism	0	0	1	0	1
G00-G99	Diseases of the Nervous System	0	0	2	0	2
G90-G99	Other Disorders of the Nervous System	0	0	2	0	2
G93	Other Disorders of Brain	0	0	2	0	2
I00-I99	Diseases of the Circulatory System	0	0	0	2	2
I00-I09,	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	4	4
J09-J18	Influenza and Pneumonia	0	0	0	2	2
J12	Viral Pneumonia, Not Elsewhere Classified	0	0	0	1	1
J18	Pneumonia, Organism Unspecified	0	0	0	1	1
J80-J84	Other Respiratory Diseases Principally Affecting the Interstitium	0	0	0	1	1
J80	Adult Respiratory Distress Syndrome	0	0	0	1	1
J85-J86	Suppurative and Necrotic Conditions of Lower Respiratory Tract	0	0	0	1	1
J86	Pyothorax	0	0	0	1	1
K00-K93	Diseases of the Digestive System	1	0	2	2	5
K40-K46	Hernia	1	0	0	0	1
K44	Diaphragmatic Hernia	1	0	0	0	1
K55-K63	Other Diseases of Intestines	0	0	0	1	1
K63	Other Diseases of Intestine	0	0	0	1	1
K65-K67	Diseases of Peritoneum	0	0	1	0	1
K66	Other Disorders of Peritoneum	0	0	1	0	1
K80-K87	Disorders of Gallbladder, Biliary Tract and Pancreas	0	0	1	1	2
K85	Acute Pancreatitis	0	0	1	1	2
P00-P96	Certain Conditions Originating in the Perinatal Period	27	14	9	4	54
P00-P04	Newborn Affected by Maternal Factors and by Complications of Pregnancy, Labor and Delivery	13	2	1	0	16
P01	Newborn Affected by Maternal Complications of Pregnancy	8	0	0	0	8
P01.1	Premature Rupture of Membranes	3	0	0	0	3
P01.2	Oligohydramnios	1	0	0	0	1
P01.5	Multiple Pregnancy	4	0	0	0	4
P02	Newborn Affected by Complications of Placenta, Cord and Membranes	3	2	1	0	6
P02.1	Other Forms of Placenta Separation and Hemorrhage	1	1	1	0	3
P02.7	Chorioamnionitis	2	1	0	0	3
P03	Newborn Affected by Other Complications of Labor and Delivery	1	0	0	0	1
P04	Newborn Affected by Noxious Influences Transmitted Via Placenta or Breast Milk	1	0	0	0	1
P05-P08	Disorders Related to Length of Gestation and Fetal Growth	10	1	0	1	12
P05	Slow Fetal Growth and Fetal Malnutrition	0	1	0	0	1
P07	Disorders Related to Short Gestation and Low Birthweight, Not Elsewhere Classified	10	0	0	1	11
P07.2	Extreme Immaturity	9	0	0	0	9
P07.3	Other Preterm Infants	1	0	0	1	2
P20-P29	Respiratory and Cardiovascular Disorders Specific to the Perinatal Period	3	5	0	3	11
P22	Respiratory Distress of Newborn	0	1	0	0	1
P22.0	Respiratory Distress Syndrome	0	1	0	0	1
P23	Congenital Pneumonia	1	0	0	0	1
P25	Interstitial Emphysema and Related Conditions Originating in the Perinatal Period	0	1	0	0	1
P26	Pulmonary Hemorrhage Originating in the Perinatal Period	0	1	0	0	1
P27	Chronic Respiratory Disease Originating in the Perinatal Period	0	0	0	3	3

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Causes of Resident Infant Deaths by Age
West Virginia, 2020
Table 32 (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
P29	Cardiovascular Disorders Originating in the Perinatal Period	2	2	0	0	4
P29.0	Neonatal Cardiac Failure	1	0	0	0	1
P29.1	Neonatal Cardiac Dysrhythmia	1	2	0	0	3
P35-P39	Infections Specific to the Perinatal Period	0	1	2	0	3
P36	Bacterial Sepsis of Newborn	0	1	2	0	3
P50-P61	Hemorrhagic and Hematological Disorders of Newborn	1	4	1	0	6
P52	Intracranial Nontraumatic Hemorrhage of Newborn	1	4	1	0	6
P75-P78	Digestive System Disorders of Newborn	0	0	4	0	4
P77	Necrotizing Enterocolitis of Newborn	0	0	4	0	4
P80-P83	Conditions Involving the Integument and Temperature Regulation of Newborn	0	1	1	0	2
P80	Hypothermia of Newborn	0	0	1	0	1
P83	Other Conditions of Integument Specific to Newborn	0	1	0	0	1
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	17	5	4	6	32
Q00-Q07	Congenital Malformations of the Nervous System	2	0	0	0	2
Q00	Anencephaly and Similar Malformations	1	0	0	0	1
Q01	Encephalocele	1	0	0	0	1
Q20-Q28	Congenital Malformations of the Circulatory System	3	1	2	2	8
Q21	Congenital Malformations of Cardiac Septa	1	0	0	1	2
Q23	Congenital Malformations of Aortic and Mitral Valves	0	0	1	0	1
Q24	Other Congenital Malformations of the Heart	2	1	1	0	4
Q25	Congenital Malformations of Great Arteries	0	0	0	1	1
Q30-Q34	Congenital Malformations of the Respiratory System	1	0	1	1	3
Q31	Congenital Malformations of Larynx	0	0	0	1	1
Q33	Congenital Malformations of Lung	1	0	1	0	2
Q60-Q64	Congenital Malformations of the Urinary System	3	1	0	0	4
Q60	Renal Agenesis and Other Reduction Defects of Kidney	3	0	0	0	3
Q61	Cystic Kidney Disease	0	1	0	0	1
Q65-Q79	Congenital Malformations and Deformations of the Musculoskeletal System	3	1	1	0	5
Q68	Other Congenital Musculoskeletal Deformities	0	0	1	0	1
Q77	Osteochondrodysplasia with Defects of Growth of Tubular Bones and Spine	1	0	0	0	1
Q78	Other Osteochondrodysplasias	2	0	0	0	2
Q79	Congenital Malformations of Musculoskeletal System, Not Elsewhere Classified	0	1	0	0	1
Q80-Q89	Other Congenital Malformations	3	1	0	2	6
Q87	Other Specified Congenital Malformation Syndromes Affecting Multiple Systems	0	0	0	2	2
Q89	Other Congenital Malformations, Not Elsewhere Classified	3	1	0	0	4
Q90-Q99	Chromosomal Abnormalities, Not Elsewhere Classified	2	1	0	1	4
Q91	Edwards' Syndrome and Patau's Syndrome	1	1	0	1	3
Q92	Other Trisomies and Partial Trisomies of the Autosomes, Not Elsewhere Classified	1	0	0	0	1
R00-R99	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	0	0	2	17	19
R95-R99	Ill-Defined and Unknown Causes of Mortality	0	0	2	17	19
R95	Sudden Infant Death Syndrome	0	0	0	5	5
R99	Other Ill-Defined and Unspecified Causes of Mortality	0	0	2	12	14
V01-Y98	External Causes of Morbidity and Mortality	0	1	0	9	10
W00-X59	Other External Causes of Accidental Injury	0	1	0	8	9
W65-W74	Accidental Drowning and Submersion	0	0	0	1	1
W74	Unspecified Drowning and Submersion	0	0	0	1	1
W75-W84	Other Accidental Threats to Breathing	0	1	0	7	8
W75	Accidental Suffocation and Strangulation in Bed	0	1	0	7	8
X85-Y09	Assault	0	0	0	1	1
X95	Assault by Other and Unspecified Firearm Discharge	0	0	0	1	1

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Causes of Resident Infant Deaths by Birthweight
West Virginia, 2020
Table 33

ICDA 10 Code Number	Cause of Death	Birthweight				Total
		Less than 1,500	1,500 - 2,499 Grams	2,500 Grams or More	Un-known	
A00-Z99	Total Deaths, All Causes	63	17	51	0	131
A00-B99	Certain Infectious and Parasitic Diseases	1	0	0	0	1
A30-A49	Other Bacterial Diseases	1	0	0	0	1
A41	Other Septicemia	1	0	0	0	1
C00-D48	Neoplasms	0	0	1	0	1
D37-D48	Neoplasms of Uncertain or Unknown Behavior	0	0	1	0	1
D43	Neoplasm of Uncertain or Unknown Behavior of Brain and Central Nervous	0	0	1	0	1
E00-E90	Endocrine, Nutritional and Metabolic Diseases	0	0	1	0	1
E70-E90	Metabolic Disorders	0	0	1	0	1
E83	Disorders of Mineral Metabolism	0	0	1	0	1
G00-G99	Diseases of the Nervous System	0	0	2	0	2
G90-G99	Other Disorders of the Nervous System	0	0	2	0	2
G93	Other Disorders of Brain	0	0	2	0	2
I00-I99	Diseases of the Circulatory System	1	0	1	0	2
I00-I09, I11,	Diseases of the Heart	1	0	0	0	1
I30-I52	Other forms of Heart Diseases	1	0	0	0	1
I42	Cardiomyopathy	1	0	0	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	1	2	0	4
J09-J18	Influenza and Pneumonia	0	0	2	0	2
J12	Viral Pneumonia, Not Elsewhere Classified	0	0	1	0	1
J18	Pneumonia, Organism Unspecified	0	0	1	0	1
J80-J84	Other Respiratory Diseases Principally Affecting the Interstitium	1	0	0	0	1
J80	Adult Respiratory Distress Syndrome	1	0	0	0	1
J85-J86	Suppurative and Necrotic Conditions of Lower Respiratory Tract	0	1	0	0	1
J86	Pyothorax	0	1	0	0	1
K00-K93	Diseases of the Digestive System	2	0	3	0	5
K40-K46	Hernia	0	0	1	0	1
K44	Diaphragmatic Hernia	0	0	1	0	1
K55-K63	Other Diseases of Intestines	1	0	0	0	1
K63	Other Diseases of Intestine	1	0	0	0	1
K65-K67	Diseases of Peritoneum	1	0	0	0	1
K66	Other Disorders of Peritoneum	1	0	0	0	1
K80-K87	Disorders of Gallbladder, Biliary Tract and Pancreas	0	0	2	0	2
K85	Acute Pancreatitis	0	0	2	0	2
P00-P96	Certain Conditions Originating in the Perinatal Period	46	4	4	0	54
P00-P04	Newborn Affected by Maternal Factors and by Complications of Pregnancy, Labor	12	2	2	0	16
P01	Newborn Affected by Maternal Complications of Pregnancy	8	0	0	0	8
P01.1	Premature Rupture of Membranes	3	0	0	0	3
P01.2	Oligohydramnios	1	0	0	0	1
P01.5	Multiple Pregnancy	4	0	0	0	4
P02	Newborn Affected by Complications of Placenta, Cord and Membranes	4	1	1	0	6
P02.1	Other Forms of Placenta Separation and Hemorrhage	1	1	1	0	3
P02.7	Chorioamnionitis	3	0	0	0	3
P03	Newborn Affected by Other Complications of Labor and Delivery	0	0	1	0	1
P04	Newborn Affected by Noxious Influences Transmitted Via Placenta or Breast	0	1	0	0	1
P05-P08	Disorders Related to Length of Gestation and Fetal Growth	11	0	1	0	12
P05	Slow Fetal Growth and Fetal Malnutrition	1	0	0	0	1
P07	Disorders Related to Short Gestation and Low Birthweight, Not Elsewhere	10	0	1	0	11
P07.2	Extreme Immaturity	9	0	0	0	9
P07.3	Other Preterm Infants	1	0	1	0	2
P20-P29	Respiratory and Cardiovascular Disorders Specific to the Perinatal Period	9	2	0	0	11
P22	Respiratory Distress of Newborn	1	0	0	0	1
P22.0	Respiratory Distress Syndrome	1	0	0	0	1
P23	Congenital Pneumonia	0	1	0	0	1
P25	Interstitial Emphysema and Related Conditions Originating in the Perinatal	1	0	0	0	1
P26	Pulmonary Hemorrhage Originating in the Perinatal Period	1	0	0	0	1
P27	Chronic Respiratory Disease Originating in the Perinatal Period	2	1	0	0	3

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Causes of Resident Infant Deaths by Birthweight
West Virginia, 2020
Table 33 (Cont'd)

ICDA 10 Code Number	Cause of Death	Birthweight				Total
		Less than 1,500	1,500 - 2,499 Grams	2,500 Grams or More	Un-known	
P29	Cardiovascular Disorders Originating in the Perinatal Period	4	0	0	0	4
P29.0	Neonatal Cardiac Failure	1	0	0	0	1
P29.1	Neonatal Cardiac Dysrhythmia	3	0	0	0	3
P35-P39	Infections Specific to the Perinatal Period	3	0	0	0	3
P36	Bacterial Sepsis of Newborn	3	0	0	0	3
P50-P61	Hemorrhagic and Hematological Disorders of Newborn	6	0	0	0	6
P52	Intracranial Nontraumatic Hemorrhage of Newborn	6	0	0	0	6
P75-P78	Digestive System Disorders of Newborn	4	0	0	0	4
P77	Necrotizing Enterocolitis of Newborn	4	0	0	0	4
P80-P83	Conditions Involving the Integument and Temperature Regulation of Newborn	1	0	1	0	2
P80	Hypothermia of Newborn	0	0	1	0	1
P83	Other Conditions of Integument Specific to Newborn	1	0	0	0	1
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	11	12	9	0	32
Q00-Q07	Congenital Malformations of the Nervous System	1	1	0	0	2
Q00	Anencephaly and Similar Malformations	1	0	0	0	1
Q01	Encephalocele	0	1	0	0	1
Q20-Q28	Congenital Malformations of the Circulatory System	1	3	4	0	8
Q21	Congenital Malformations of Cardiac Septa	0	2	0	0	2
Q23	Congenital Malformations of Aortic and Mitral Valves	0	0	1	0	1
Q24	Other Congenital Malformations of the Heart	1	1	2	0	4
Q25	Congenital Malformations of Great Arteries	0	0	1	0	1
Q30-Q34	Congenital Malformations of the Respiratory System	2	0	1	0	3
Q31	Congenital Malformations of Larynx	0	0	1	0	1
Q33	Congenital Malformations of Lung	2	0	0	0	2
Q60-Q64	Congenital Malformations of the Urinary System	0	4	0	0	4
Q60	Renal Agenesis and Other Reduction Defects of Kidney	0	3	0	0	3
Q61	Cystic Kidney Disease	0	1	0	0	1
Q65-Q79	Congenital Malformations and Deformations of the Musculoskeletal System	1	2	2	0	5
Q68	Other Congenital Musculoskeletal Deformities	0	1	0	0	1
Q77	Osteochondrodysplasia with Defects of Growth of Tubular Bones and Spine	0	0	1	0	1
Q78	Other Osteochondrodysplasias	1	1	0	0	2
Q79	Congenital Malformations of Musculoskeletal System, Not Elsewhere	0	0	1	0	1
Q80-Q89	Other Congenital Malformations	3	1	2	0	6
Q87	Other Specified Congenital Malformation Syndromes Affecting Multiple	0	0	2	0	2
Q89	Other Congenital Malformations, Not Elsewhere Classified	3	1	0	0	4
Q90-Q99	Chromosomal Abnormalities, Not Elsewhere Classified	3	1	0	0	4
Q91	Edwards' Syndrome and Patau's Syndrome	2	1	0	0	3
Q92	Other Trisomies and Partial Trisomies of the Autosomes, Not Elsewhere	1	0	0	0	1
R00-R99	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	1	0	18	0	19
R95-R99	Ill-Defined and Unknown Causes of Mortality	1	0	18	0	19
R95	Sudden Infant Death Syndrome	0	0	5	0	5
R99	Other Ill-Defined and Unspecified Causes of Mortality	1	0	13	0	14
V01-Y98	External Causes of Morbidity and Mortality	0	0	10	0	10
W00-X59	Other External Causes of Accidental Injury	0	0	9	0	9
W65-W74	Accidental Drowning and Submersion	0	0	1	0	1
W74	Unspecified Drowning and Submersion	0	0	1	0	1
W75-W84	Other Accidental Threats to Breathing	0	0	8	0	8
W75	Accidental Suffocation and Strangulation in Bed	0	0	8	0	8
X85-Y09	Assault	0	0	1	0	1
X95	Assault by Other and Unspecified Firearm Discharge	0	0	1	0	1

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Births and Infant Deaths by Selected Risk Factors and Demographics
West Virginia Residents, 2020
Table 34

Factor	Births		Infant Deaths	
	Number	Percent*	Number	Percent*
Total	17,327		131	
Birthweight < 2,500 Grams	1,611	9.3%	80	61.1%
Birthweight < 1,500 Grams	253	1.5%	63	48.1%
Gestational Age < 37 Weeks	2,086	12.0%	84	64.1%
Gestational Age 37-38 Weeks	4,973	28.7%	22	16.8%
Gestational Age 39+ Weeks	10,259	59.2%	25	19.1%
Age of Mother < 20 Years	1,150	6.6%	17	13.0%
Age of Mother < 15 Years	14	0.1%	0	0.0%
Unmarried Mothers	8,059	87.0%	83	63.4%
Mothers Using Tobacco	3,698	21.3%	51	38.9%
White or Caucasian Mothers	16,061	92.9%	116	88.5%
Black or African American Mothers	638	3.7%	5	3.8%
Mothers of Other Races	597	3.5%	10	7.6%
Mothers of Unknown Race	31		0	

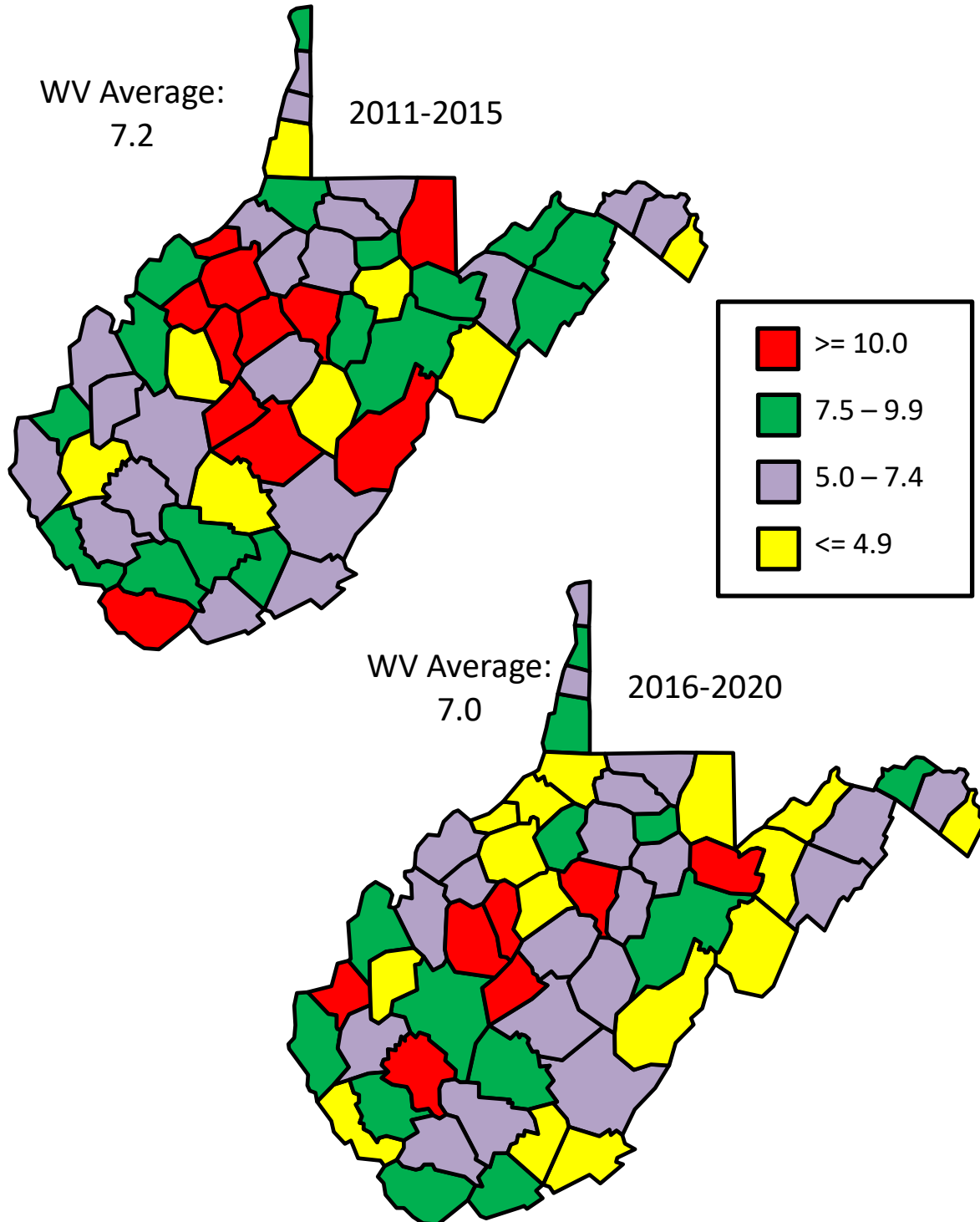
*Percentages are calculated excluding unknown numbers.

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Resident Infant Death Rates by County West Virginia, 2011-2015 and 2016-2020

Exhibit 15



West Virginia Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2022

Causes of Resident Fetal Deaths
West Virginia, 2016-2020
Table 35

ICDA 10 Code	Cause of Death	2016	2017	2018	2019	2020
A00-Z99*	Total Deaths, All Causes	96	107	103	86	83
C00-D48	Neoplasms	0	0	1	2	0
D10-D36	Benign Neoplasms	0	0	1	2	0
D18	Hemangioma and Lymphangioma, Any Site	0	0	1	2	0
D50-D89	Disease of the Blood and Blood-forming Organs and Certain Disorders Involving the Immune Mechanism	0	0	0	1	0
D65-D69	Coagulation Defects, Purpura and Other Hemorrhagic Conditions	0	0	0	1	0
D68	Other Coagulation Defects	0	0	0	1	0
P00-P96	Certain Conditions Originating in the Perinatal Period	94	103	93	75	83
P00-P04	Newborn Affected by Maternal Factors and by Complications of Pregnancy, Labor and Delivery	13	2	52	29	0
P00	Newborn Affected by Maternal Conditions That May Be Unrelated to Present Pregnancy	1	1	9	4	0
P00.0	Maternal Hypertensive Disorders	1	0	2	3	0
P00.2	Maternal Infectious and Parasitic Diseases	0	0	1	1	0
P00.8	Other Maternal Conditions	0	1	6	0	0
P01	Newborn Affected by Maternal Complications of Pregnancy	2	1	7	5	0
P01.1	Premature Rupture of Membranes	1	1	5	4	0
P01.2	Oligohydramnios	0	0	1	0	0
P01.3	Polyhydramnios	1	0	0	0	0
P01.5	Multiple Pregnancy	0	0	1	0	0
P01.7	Malpresentation Before Labor	0	0	0	1	0
P02	Newborn Affected by Complications of Placenta, Cord and Membranes	8	0	34	18	0
P02.1	Other Forms of Placenta Separation and Hemorrhage	3	0	16	6	0
P02.2	Other and Unspecified Morphological and Functional Abnormalities of Placenta	0	0	6	0	0
P02.4	Prolapsed Cord	0	0	2	0	0
P02.5	Other Compression of Umbilical Cord	2	0	4	8	0
P02.6	Other and Unspecified Conditions of Umbilical Cord	0	0	3	4	0
P02.7	Chorioamnionitis	2	0	3	0	0
P03	Newborn Affected by Other Complications of Labor and Delivery	1	0	1	1	0
P04	Newborn Affected by Noxious Influences Transmitted Via Placenta or Breast Milk	1	0	1	1	0
P05-P08	Disorders Related to Length of Gestation and Fetal Growth	30	50	5	23	47
P05	Slow Fetal Growth and Fetal Malnutrition	0	0	0	1	0
P07	Disorders Related to Short Gestation and Low Birthweight, Not Elsewhere Classified	30	50	4	22	47
P07.0	Extremely Low Birthweight	0	0	1	0	0
P07.1	Other Low Birthweight	0	0	1	0	0
P07.2	Extreme Immaturity	30	50	1	22	47
P07.3	Other Preterm Infants	0	0	1	0	0
P08	Disorders Related to Long Gestation and High Birthweight	0	0	1	0	0

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Causes of Resident Fetal Deaths
West Virginia, 2016-2020
Table 35 (Cont'd)

ICDA 10 Code	Cause of Death	2016	2017	2018	2019	2020
P20-P29	Respiratory and Cardiovascular Disorders Specific to the Perinatal Period	1	0	1	0	0
P29	Cardiovascular Disorders Originating in the Perinatal Period	1	0	1	0	0
P29.1	Neonatal Cardiac Dysrhythmia	1	0	0	0	0
P29.8	Other Cardiovascular Disorders Originating in the Perinatal Period	0	0	1	0	0
P70-P74	Transitory Endocrine and Metabolic Disorders Specific to Newborn	1	0	6	1	0
P70	Transitory Disorders of Carbohydrate Metabolism Specific to Newborn	1	0	6	1	0
P70.0	Syndrome of "Infant of Mother with Gestational Diabetes"	0	0	3	0	0
P70.1	Syndrome of "Infant of a Diabetic Mother"	1	0	3	1	0
P80-P83	Conditions Involving the Integument and Temperature Regulation of Newborn	0	0	4	1	0
P83	Other Conditions of Integument Specific to Newborn	0	0	4	1	0
P90-P96	Other Disorders Originating in the Perinatal Period	49	51	25	21	36
P95	Fetal Death of Unspecified Cause	37	51	25	21	36
P96	Other Conditions Originating in the Perinatal Period	12	0	0	0	0
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	2	0	9	2	0
Q00-Q07	Congenital Malformations of the Nervous System	0	0	2	0	0
Q00	Anencephaly and Similar Malformations	0	0	1	0	0
Q01	Encephalocele	0	0	1	0	0
Q20-Q28	Congenital Malformations of the Circulatory System	1	0	0	0	0
Q21	Congenital Malformations of Cardiac Septa	1	0	0	0	0
Q60-Q64	Congenital Malformations of the Urinary System	1	0	0	1	0
Q60	Renal Agenesis and Other Reduction Defects of Kidney	1	0	0	1	0
Q65-Q79	Congenital Malformations and Deformations of the Musculoskeletal System	0	0	1	0	0
Q79	Congenital Malformations of Musculoskeletal System, Not Elsewhere Classified	0	0	1	0	0
Q90-Q99	Chromosomal Abnormalities, Not Elsewhere Classified	0	0	6	1	0
Q91	Edwards' Syndrome and Patau's Syndrome	0	0	5	0	0
Q96	Turner's Syndrome	0	0	1	1	0
R00-R99	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	0	4	0	6	0
R95-R99	Ill-Defined and Unknown Causes of Mortality	0	4	0	6	0
R99	Other Ill-Defined and Unspecified Causes of Mortality	0	4	0	6	0



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

Induced Terminations of Pregnancy (ITOP) Summary

The annual reporting of induced termination of pregnancy (ITOP) was mandated by W.Va. Code beginning June 30, 2016. 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, more commonly, 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 only. 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 of where the event occurred. Information on the number of West Virginia residents who obtain an ITOP in another state is infrequently reported back to West Virginia by the state where the procedure took place, normally due to restrictions within the other state’s legal code.

The only free-standing clinic that performed ITOP on demand in West Virginia in 2020 was in Charleston, which makes the likelihood of out-of-state ITOP greater in some regions of the state. It is unlikely that the majority of women living in the northern or eastern panhandles of the state seeks an ITOP in West Virginia. Due to known incomplete reporting, the procedures performed on West Virginia residents in other states have been excluded from the compiled statistics.

W.Va. Code §16-21-2 requires clinics to provide counseling and informational guidance to females seeking an abortion. All but 2 of the 2020 ITOP records indicate the female received counseling, compared to all but 1 in 2019. There are some isolated incidents where the ITOP needs to be performed due to a medical emergency. In 2020, there were 4 ITOP performed due to a medical emergency, compared to 5 in 2019.

In 2020, there were 1,001 ITOP performed in West Virginia, 331 or 24.8% less than in 2019 (1,332). Over five out of six (84.8%) ITOP involved a West Virginia resident, while 6.5% were Kentucky residents and 7.6% were residents of Ohio, compared with 2019 percentages of 86.6%, 5.6%, and 5.3%, respectively. The median age of women having an ITOP in 2020 was 26, the same as in 2019. There were 32 procedures in 2020 involving females under the age of 18, of which 31 were performed on unemancipated* minors, compared with 42 in 2019. More than four out of every five (81.0%) of the 2020 ITOP performed in West Virginia involved women who were not married at the time. Over three in ten (31.7%) of the 2020 ITOP involved women who had never had a previous live birth, and 83.7% were women who had two or fewer children. There were four ITOP performed on women who had six or more children. Over sixty-three percent of ITOP (63.5%) involved women for whom it was their first ITOP, while nearly all (94.4%) involved women who had two or fewer previous ITOP. Five ITOP involved women who previously had six or more ITOP.

*For the purpose of ITOP reporting, an 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, 2020

Table 36

Age of Female	Weeks of Gestation							Total
	Less than 9	9-10	11-12	13-15	16-19	20 or More	Unknown	
10-14	0	0	0	3	0	0	0	3
15-17	13	10	1	3	2	0	0	29
18-19	31	14	9	6	0	1	0	61
20-24	180	77	24	21	3	1	0	306
25-29	198	59	31	23	5	1	0	317
30-34	96	33	14	22	5	0	0	170
35-39	52	20	8	2	3	0	0	85
40-44	23	2	3	0	2	0	0	30
45+	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	593	215	90	80	20	3	0	1,001

Note: Gestational age is the physician's estimate of gestation (clinical/obstetric estimate).
If the physician's estimate of gestation is not available, it is calculated from the date of onset of last normal menses.

Induced Terminations of Pregnancy
By Age of Female and Marital Status
West Virginia Occurrences, 2020

Table 37

Age of Female	Marital Status						Total
	Married	Never Married	Divorced	Separated	Widowed	Unknown	
10-14	0	3	0	0	0	0	3
15-17	0	29	0	0	0	0	29
18-19	1	59	1	0	0	0	61
20-24	30	263	7	5	0	1	306
25-29	62	229	17	9	0	0	317
30-34	45	94	23	6	2	0	170
35-39	15	43	19	6	2	0	85
40-44	7	12	6	3	2	0	30
45+	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0
Total	160	732	73	29	6	1	1,001

West Virginia Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2022

Induced Terminations of Pregnancy
By Age of Female and Previous Live Births
West Virginia Occurrences, 2020

Table 38

Age of Female	Previous Live Births						Total
	None	One	Two	Three	Four or More	Unknown	
10-14	3	0	0	0	0	0	3
15-17	28	1	0	0	0	0	29
18-19	44	15	2	0	0	0	61
20-24	137	93	58	15	3	0	306
25-29	75	90	99	37	16	0	317
30-34	17	45	48	38	22	0	170
35-39	11	29	24	13	8	0	85
40-44	2	9	8	8	3	0	30
45+	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0
Total	317	282	239	111	52	0	1,001

Previous Induced Terminations of Pregnancy
By Age of Female
West Virginia Occurrences, 2020

Table 39

Age of Female	Previous Induced Terminations						Total
	None	One	Two	Three	Four or More	Unknown	
10-14	3	0	0	0	0	0	3
15-17	29	0	0	0	0	0	29
18-19	54	7	0	0	0	0	61
20-24	211	64	21	5	5	0	306
25-29	189	85	24	10	9	0	317
30-34	98	40	17	6	9	0	170
35-39	41	24	10	7	3	0	85
40-44	11	12	5	2	0	0	30
45+	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0
Total	636	232	77	30	26	0	1,001

West Virginia Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2022



West Virginia Vital Statistics
Marriages & Divorces

Marriages

As of October 9, 2014, same-sex marriage is legally recognized in West Virginia pursuant to the decision in *Bostic v. Schaefer*, 760 F.3d 352 (4th Cir. 2014). However, the overall number of marriages in West Virginia decreased for the ninth year in a row, from 10,705 in 2019 to 10,030 in 2020. Of those 2020 marriages, 9,791 were male-female marriages while 239 were of the same sex. The marriage rate in 2020 was 5.6 per 1,000 population, lower than the rate of 6.0 in 2019. The 2020 U.S. provisional rate was 5.1.

For male-female marriages in 2020, the median age was 29 for brides and 32 for grooms. The age mode (most frequently reported age) for male-female marriages was 22 for brides and 25 for grooms. There were 39 brides and 9 grooms aged less than 18. There were 198 brides and 325 grooms over the age of 65. Also in 2020, there were 148 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 to those who were a male-female union, the median age for brides was 25 and 27 for grooms. The age mode for first male-female marriages in West Virginia was 22 for brides and 23 for grooms. All 39 West Virginia brides and all 9 grooms less than 18 years of age were in their first marriage. There were 4 brides and 17 grooms over the age of 65 for which it was a first marriage.

There were 239 same-sex marriages in 2020 compared to 238 in 2019. Of the 239 same-sex marriages in 2020, 57 were two males and the remaining 181 were two females. The median age for these same-sex marriages was 31; 36 for males, 30 for females. The mode age (most frequently reported age) for same-sex marriages was 31 for both, 27 for males, 25 for females. There were 11 same-sex marriages involving someone over the age of 65; 7 for males and 4 for females.

Divorces and Annulments

The number of reported divorces and annulments decreased by 1,090 or 16.7%, from 6,535 in 2019 to 5,445 in 2020. The 2020 rate of 3.0 per 1,000 population was lower than the 2019 rate of 3.6.

Of all 5,445 reported divorces in West Virginia in 2020, the median duration of marriage was seven years. Less than one out of every five (19.0%) West Virginia divorces with a known duration in 2020 involved marriages lasting only two years or less; 8.9% involved marriages of 25 years or longer. There were no divorces involving either a petitioner or respondent aged less than 18. During 2020, divorces involved 204 petitioners and 208 respondents aged 65 or older.

More than one-half (55.2%) of the reported divorces involved no children under 18 years of age in the family, while one child was involved in 20.3% of divorces and two children were involved in 17.0%. Eight divorces involved six or more children.

Of the 5,445 reported divorces and annulments, 84 involved same-sex couples. Of the 5,361 male-female divorces in West Virginia in 2020, the median duration of marriage was seven years. Nearly a fifth (18.7%) of West Virginia male-female divorces with a known duration in 2020 involved marriages lasting two years or less; 9.0% involved marriages of 25 years or longer. There were no divorces involving a husband or wife aged less than 18. During 2020, 152 divorces involved a wife aged 65 or older and 259

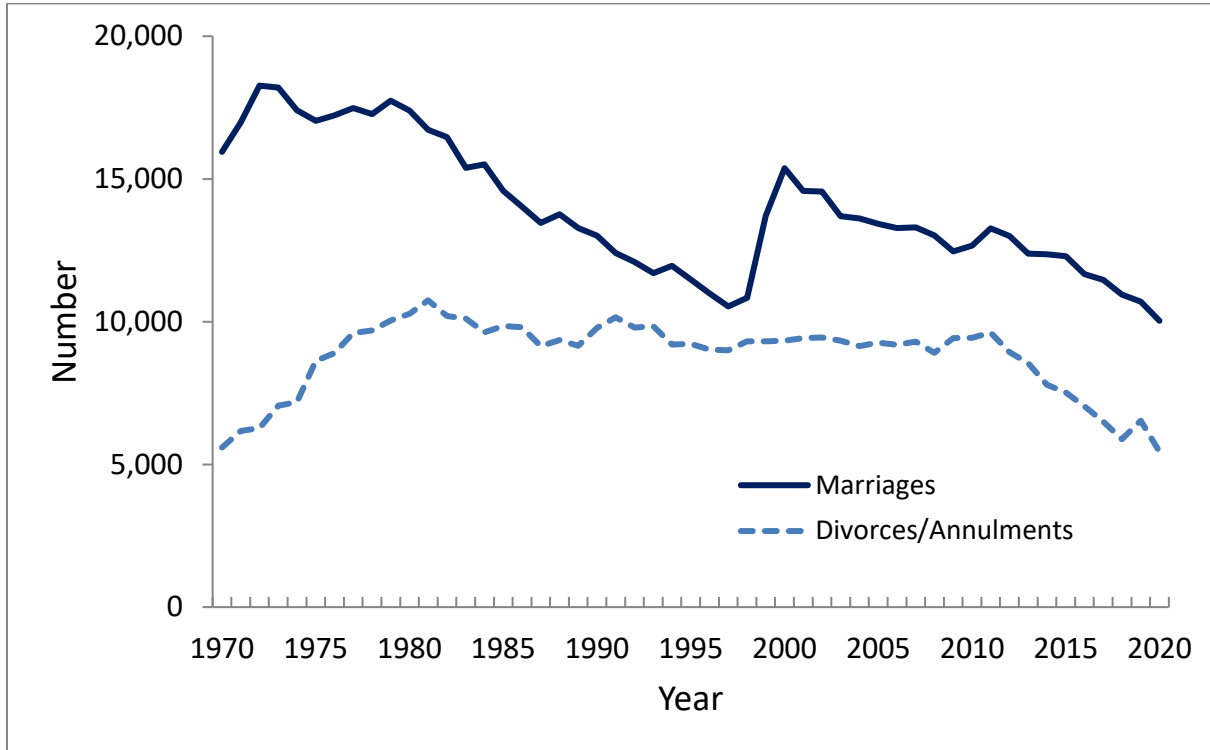
involved a husband in that age group.

More than one-half (54.7%) of the male-female divorces involved no children under 18 years of age in the family, while one child was involved in 20.5% of male-female divorces and two children were involved in 17.2%. Eight male-female 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 West Virginia regardless of where the couple resides. Marriage and divorce/annulment data are underreported.

**Marriages and Divorces/Annulments
West Virginia, 1970-2020
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
2010	12,662	9,431
2011	13,271	9,620
2012	12,996	8,932
2013	12,382	8,542
2014	12,356	7,785
2015	12,296	7,523
2016	11,664	7,038
2017	11,464	6,502
2018	10,950	5,879
2019	10,705	6,535
2020	10,030	5,445

All Marriages by Age of Bride and Groom

West Virginia, 2020

Table 40

Age of Bride/Partner 1	Age of Groom/Partner 2												Total	
	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60 Years & Over	Unknown		
10-14 Years	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19 Years	0	131	240	54	7	2	1	1	1	1	1	0	0	439
20-24 Years	0	58	1,315	739	158	46	21	6	3	2	1	0	0	2,349
25-29 Years	0	9	234	1,104	597	213	63	31	9	3	7	0	0	2,270
30-34 Years	0	4	32	230	524	340	147	65	29	14	5	0	0	1,390
35-39 Years	0	1	8	50	172	276	236	111	45	20	19	0	0	938
40-44 Years	0	0	4	22	54	117	269	205	89	39	18	0	0	817
45-49 Years	0	0	3	3	15	41	98	207	161	80	49	0	0	657
50-54 Years	0	0	0	1	4	10	30	64	124	124	69	0	0	426
55-59 Years	0	0	0	0	0	1	5	25	49	104	127	0	0	311
60 Years & Over	0	0	0	1	2	1	2	3	21	47	356	0	0	433
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	203	1,836	2,204	1,533	1,047	872	718	531	434	652	0	0	10,030

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

West Virginia Bureau for Public Health

Health Statistics Center, Vital Statistics System, 2022

Male-Female Marriages by Age of Bride and Groom

West Virginia, 2020

Table 41

Age of Bride	Age of Groom												Total
	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60 Years & Over	Unknown	
10-14 Years	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19 Years	0	129	237	53	6	2	1	1	1	1	1	0	432
20-24 Years	0	55	1,291	725	150	46	20	6	3	2	1	0	2,299
25-29 Years	0	9	230	1,076	582	208	62	31	9	3	7	0	2,217
30-34 Years	0	4	29	221	509	330	143	64	27	14	5	0	1,346
35-39 Years	0	1	7	44	166	271	230	110	44	18	19	0	910
40-44 Years	0	0	4	21	49	115	266	204	87	38	18	0	802
45-49 Years	0	0	2	2	13	40	93	205	160	80	47	0	642
50-54 Years	0	0	0	1	4	10	30	64	122	124	66	0	421
55-59 Years	0	0	0	0	0	1	5	23	48	99	124	0	300
60 Years & Over	0	0	0	1	2	1	2	3	19	45	349	0	422
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	198	1,800	2,144	1,481	1,024	852	711	520	424	637	0	9,791

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

West Virginia Bureau for Public Health

Health Statistics Center, Vital Statistics System, 2022

Same-Sex Marriages by Age
West Virginia, 2020
Table 42

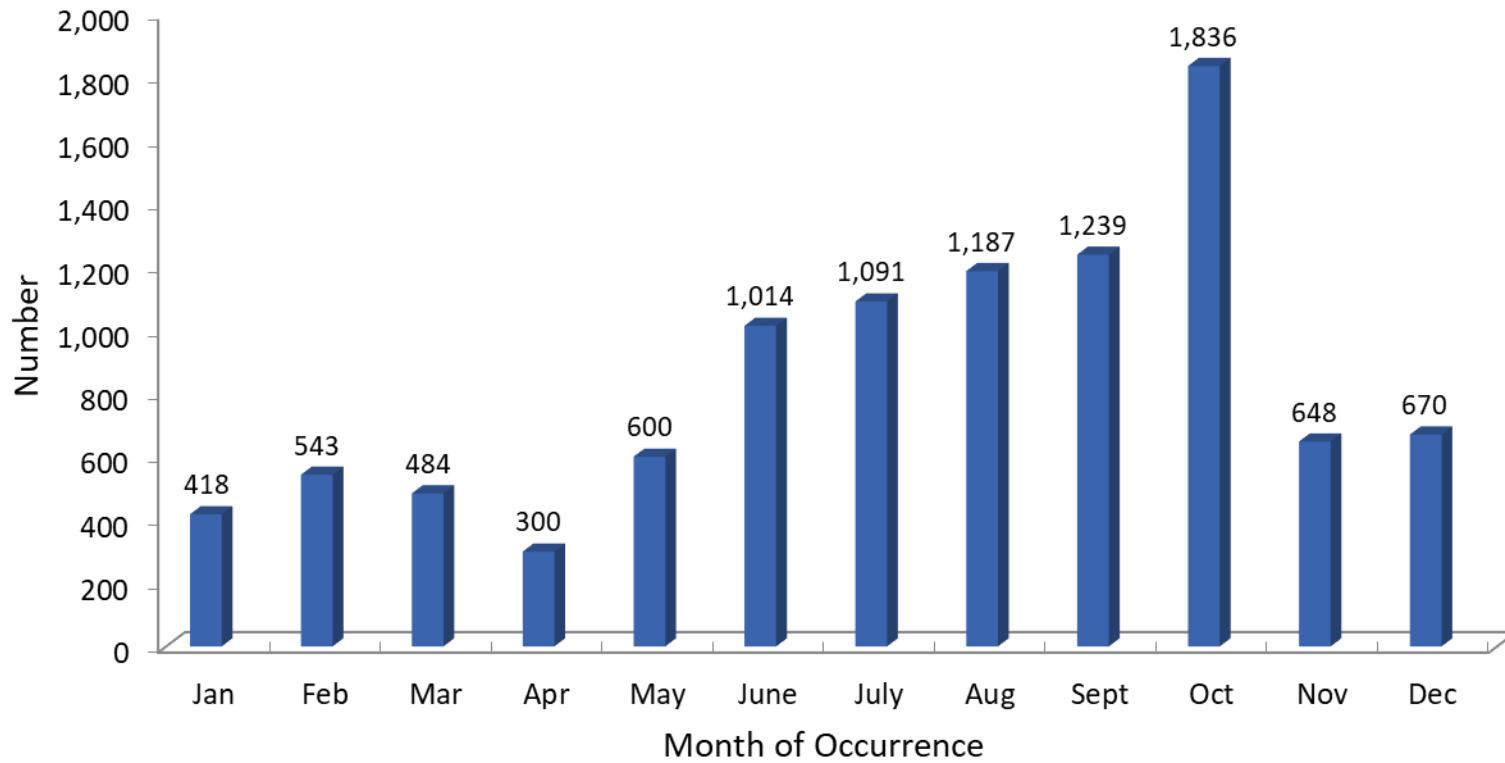
Age of Partner 1	Age of Partner 2												Total	
	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60 Years & Over	Unknown		
10-14 Years	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19 Years	0	2	3	1	1	0	0	0	0	0	0	0	0	7
20-24 Years	0	3	24	14	8	0	1	0	0	0	0	0	0	50
25-29 Years	0	0	4	28	15	5	1	0	0	0	0	0	0	53
30-34 Years	0	0	3	9	15	10	4	1	2	0	0	0	0	44
35-39 Years	0	0	1	6	6	5	6	1	1	2	0	0	0	28
40-44 Years	0	0	0	1	5	2	3	1	2	1	0	0	0	15
45-49 Years	0	0	1	1	2	1	5	2	1	0	2	0	0	15
50-54 Years	0	0	0	0	0	0	0	0	2	0	3	0	0	5
55-59 Years	0	0	0	0	0	0	0	2	1	5	3	0	0	11
60 Years & Over	0	0	0	0	0	0	0	0	2	2	7	0	0	11
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	5	36	60	52	23	20	7	11	10	15	0	0	239

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

West Virginia Bureau for Public Health

Health Statistics Center, Vital Statistics System, 2022

All Marriages by Month of Occurrence West Virginia, 2020 Exhibit 17



West Virginia Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2022

All Marriages by Previous Marital Status
West Virginia, 2020
Table 43

Bride/Partner 1	Groom/Partner 2					Total
	Never Married	Widowed	Divorced	Annulled	Not Stated	
Never Married	4,888	32	996	10	0	5,926
Widowed	56	107	214	1	1	379
Divorced	1,100	190	2,411	6	1	3,708
Annulled	5	0	8	3	0	16
Not Stated	0	0	1	0	0	1
Total	6,049	329	3,630	20	2	10,030

All Marriages by Number of Previous Marriages
West Virginia, 2020
Table 44

Bride/Partner 1	Groom/Partner 2						Total
	Never Previously Married	One Previous Marriage	Two Previous Marriages	Three Previous Marriages	Four or More Previous Marriages	Not Stated	
Never Previously Married	4,888	837	167	25	9	0	5,926
One Previous Marriage	895	1,195	437	99	30	0	2,656
Two Previous Marriages	205	469	254	83	28	0	1,039
Three Previous Marriages	48	120	91	32	11	0	302
Four or More Previous Marriages	13	41	33	12	8	0	107
Not Stated	0	0	0	0	0	0	0
Total	6,049	2,662	982	251	86	0	10,030

West Virginia Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2022

Male-Female Marriages by Previous Marital Status
West Virginia, 2020
Table 45

Bride	Groom					Total
	Never Married	Widowed	Divorced	Annulled	Not Stated	
Never Married	4,755	31	963	10	0	5,759
Widowed	54	107	214	1	1	377
Divorced	1,059	187	2,386	5	1	3,638
Annulled	5	0	8	3	0	16
Not Stated	0	0	1	0	0	1
Total	5,873	325	3,572	19	2	9,791

Male-Female Marriages by Number of Previous Marriages
West Virginia, 2020
Table 46

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	4,755	806	164	25	9	0	5,759
One Previous Marriage	860	1,183	433	99	30	0	2,605
Two Previous Marriages	199	463	251	83	28	0	1,024
Three Previous Marriages	46	118	90	31	11	0	296
Four or More Previous Marriages	13	41	33	12	8	0	107
Not Stated	0	0	0	0	0	0	0
Total	5,873	2,611	971	250	86	0	9,791

West Virginia Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2022

Same-Sex Marriages by Previous Marital Status
West Virginia, 2020
Table 47

Partner 1	Partner 2					Total
	Never Married	Widowed	Divorced	Annulled	Not Stated	
Never Married	133	1	33	0	0	167
Widowed	2	0	0	0	0	2
Divorced	41	3	25	1	0	70
Annulled	0	0	0	0	0	0
Not Stated	0	0	0	0	0	0
Total	176	4	58	1	0	239

Same-Sex Marriages by Number of Previous Marriages
West Virginia, 2020
Table 48

Partner 1	Partner 2						Total
	Never Previously Married	One Previous Marriage	Two Previous Marriages	Three Previous Marriages	Four or More Previous Marriages	Not Stated	
Never Previously Married	133	31	3	0	0	0	167
One Previous Marriage	35	12	4	0	0	0	51
Two Previous Marriages	6	6	3	0	0	0	15
Three Previous Marriages	2	2	1	1	0	0	6
Four or More Previous Marriages	0	0	0	0	0	0	0
Not Stated	0	0	0	0	0	0	0
Total	176	51	11	1	0	0	239

West Virginia Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2022

All Divorces and Annulments by Age of Petitioner and Respondent
West Virginia, 2020
Table 49

Age of Petitioner	Age of Respondent												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	3	11	1	0	1	0	0	0	0	0	0	16
20-24 Years	0	10	168	111	27	6	5	3	1	0	0	1	332
25-29 Years	0	1	73	333	197	59	19	6	10	0	3	3	704
30-34 Years	0	0	13	154	358	205	62	31	10	3	2	6	844
35-39 Years	0	0	7	34	142	325	212	90	31	9	3	2	855
40-44 Years	0	0	3	18	65	145	277	198	68	20	12	10	816
45-49 Years	0	0	0	4	20	51	145	262	136	68	35	8	729
50-54 Years	0	0	0	4	6	21	37	80	140	96	41	3	428
55-59 Years	0	0	0	5	2	4	10	27	62	103	85	5	303
60 Years & Over	0	0	0	2	1	5	12	21	33	67	242	8	391
Unknown	0	0	1	2	0	0	1	1	1	0	4	17	27
Total	0	14	276	668	818	822	780	719	492	366	427	63	5,445

West Virginia Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2022

Male-Female Divorces and Annulments by Age of Husband and Wife
West Virginia, 2020
Table 50

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	3	20	2	0	0	0	0	0	0	0	0	25
20-24 Years	0	1	165	148	31	9	6	3	0	0	0	1	364
25-29 Years	0	0	30	318	270	73	25	6	12	4	3	2	743
30-34 Years	0	0	8	77	351	260	98	43	14	4	2	2	859
35-39 Years	0	0	4	16	83	322	253	104	45	10	7	2	846
40-44 Years	0	0	2	9	25	96	276	240	81	25	22	7	783
45-49 Years	0	0	0	2	6	34	100	262	158	78	47	5	692
50-54 Years	0	0	1	2	2	6	24	55	139	110	58	3	400
55-59 Years	0	0	0	0	1	3	5	17	48	102	109	1	286
60 Years & Over	0	0	0	1	1	1	2	7	16	43	242	4	317
Unknown	0	0	1	3	4	0	4	4	1	4	8	17	46
Total	0	4	231	578	774	804	793	741	514	380	498	44	5,361

West Virginia Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2022

All Divorces and Annulments by Duration of Marriage and Number of Children
West Virginia, 2020

Table 51

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	175	21	4	2	1	0	0	3	206
1 to 4 Years	1,044	314	146	36	5	2	0	33	1,580
5 to 9 Years	684	284	296	85	29	2	2	27	1,409
10 to 14 Years	270	180	208	90	34	10	3	8	803
15 to 19 Years	160	121	171	55	15	2	2	6	532
20 to 24 Years	211	108	60	21	1	0	1	11	413
25 to 29 Years	168	41	13	2	0	0	0	3	227
30 to 34 Years	106	5	4	2	0	0	0	3	120
35 to 39 Years	74	5	2	0	0	0	0	2	83
40 to 44 Years	28	0	0	0	0	0	0	3	31
45 to 49 Years	12	0	0	0	0	0	0	0	12
50 to 54 Years	3	0	0	0	0	0	0	0	3
55 to 59 Years	3	0	0	0	0	0	0	0	3
60 Years & Over	1	0	0	0	0	0	0	0	1
Unknown	11	4	2	1	0	0	0	4	22
Total	2,950	1,083	906	294	85	16	8	103	5,445

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Male-Female Divorces and Annulments by Duration of Marriage and Number of Children
West Virginia, 2020
Table 52

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	168	21	4	2	1	0	0	3	199
1 to 4 Years	999	311	146	36	5	2	0	31	1,530
5 to 9 Years	664	283	294	85	28	2	2	27	1,385
10 to 14 Years	270	180	208	90	34	10	3	8	803
15 to 19 Years	160	121	171	55	15	2	2	6	532
20 to 24 Years	210	107	60	21	1	0	1	11	411
25 to 29 Years	168	41	13	2	0	0	0	3	227
30 to 34 Years	105	5	4	2	0	0	0	3	119
35 to 39 Years	74	5	2	0	0	0	0	2	83
40 to 44 Years	28	0	0	0	0	0	0	3	31
45 to 49 Years	12	0	0	0	0	0	0	0	12
50 to 54 Years	3	0	0	0	0	0	0	0	3
55 to 59 Years	3	0	0	0	0	0	0	0	3
60 Years & Over	1	0	0	0	0	0	0	0	1
Unknown	11	4	2	1	0	0	0	4	22
Total	2,876	1,078	904	294	84	16	8	101	5,361

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West Virginia Vital Statistics
County-Level Data

County and City Summary

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

West Virginia Vital Statistics 2007 expanded the number of cities for which data were presented. Previously, data were included for the 15 cities in the state that had populations of 10,000 or more. Because some cities have dropped below that mark in the past decade or more, it was then decided to include data for the state's 25 most populated cities, regardless of the size of the population. It increased to the 30 most populated cities beginning with the 2010 edition. Beginning with the 2018 edition, it has further increased to the 50 most populated cities. Please note there could be different cities ranked in the top 50 from year to year.

Number of Births by County of Residence and Occurrence
 Birth Rates by County of Residence
 West Virginia, 2020
 Table 53

County	Residence		Occurrence	County	Residence		Occurrence
	Number	Rate per 1,000 Population*			Number	Rate per 1,000 Population*	
Barbour	160	9.7	1	Monongalia	950	8.9	2,945
Berkeley	1,515	12.4	1,126	Monroe	133	10.1	4
Boone	216	10.3	2	Morgan	140	7.8	2
Braxton	104	7.6	2	Nicholas	216	8.9	1
Brooke	173	8.0	526	Ohio	383	9.3	1,170
Cabell	958	10.5	2,958	Pendleton	49	7.1	0
Calhoun	61	8.8	2	Pleasants	71	9.5	0
Clay	90	10.8	1	Pocahontas	76	9.3	2
Doddridge	58	6.9	0	Preston	275	8.2	4
Fayette	394	9.4	2	Putnam	519	9.2	6
Gilmer	60	7.7	0	Raleigh	687	9.4	842
Grant	117	10.2	252	Randolph	259	9.1	231
Greenbrier	311	9.1	392	Ritchie	80	8.4	1
Hampshire	232	10.0	8	Roane	137	10.2	0
Hancock	212	7.4	0	Summers	102	8.2	0
Hardy	153	11.2	1	Taylor	150	9.0	3
Harrison	667	10.0	1,005	Tucker	51	7.5	0
Jackson	300	10.5	2	Tyler	88	10.3	1
Jefferson	597	10.4	229	Upshur	217	9.0	305
Kanawha	1,699	9.6	3,560	Wayne	368	9.4	2
Lewis	174	11.0	167	Webster	71	8.8	3
Lincoln	193	9.6	1	Wetzel	138	9.3	3
Logan	289	9.1	175	Wirt	56	9.8	0
McDowell	160	9.5	1	Wood	786	9.5	1,184
Marion	557	10.0	38	Wyoming	181	9.0	1
Marshall	286	9.5	218				
Mason	268	10.2	16				
Mercer	607	10.4	982	Total	17,327	9.7	18,380
Mineral	250	9.4	3				
Mingo	283	12.3	0				

*Rates are calculated per 1,000 population. 2020 populations are from the U.S. Census Bureau.

West Virginia Bureau for Public Health
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Number of Births by County of Residence
West Virginia, 2016-2020
Table 54

County	2016	2017	2018	2019	2020	County	2016	2017	2018	2019	2020
Barbour	171	165	157	183	160	Monongalia	1,122	1,106	1,012	1,056	950
Berkeley	1,395	1,361	1,484	1,435	1,515	Monroe	131	118	126	102	133
Boone	241	245	199	206	216	Morgan	145	153	127	155	140
Braxton	115	136	119	116	104	Nicholas	268	262	231	215	216
Brooke	188	207	188	177	173	Ohio	419	408	407	376	383
Cabell	1,039	1,035	1,009	1,016	958	Pendleton	75	63	56	87	49
Calhoun	82	53	53	56	61	Pleasants	60	71	75	76	71
Clay	81	92	94	95	90	Pocahontas	91	75	75	69	76
Doddridge	68	67	64	65	58	Preston	337	321	333	353	275
Fayette	453	428	419	431	394	Putnam	555	521	515	557	519
Gilmer	68	53	65	60	60	Raleigh	832	758	799	752	687
Grant	113	133	115	125	117	Randolph	285	317	261	288	259
Greenbrier	343	367	308	344	311	Ritchie	100	85	95	97	80
Hampshire	190	215	230	237	232	Roane	130	126	133	144	137
Hancock	218	254	248	255	212	Summers	107	102	101	105	102
Hardy	170	158	169	141	153	Taylor	172	140	146	147	150
Harrison	737	712	713	695	667	Tucker	74	64	56	56	51
Jackson	308	289	311	293	300	Tyler	95	77	85	68	88
Jefferson	537	610	533	550	597	Upshur	293	233	249	243	217
Kanawha	1,959	1,921	1,861	1,749	1,699	Wayne	428	377	375	393	368
Lewis	187	153	176	178	174	Webster	88	72	95	69	71
Lincoln	242	222	225	201	193	Wetzel	169	151	173	183	138
Logan	358	367	336	360	289	Wirt	55	53	55	65	56
McDowell	221	187	180	179	160	Wood	944	919	909	838	786
Marion	659	620	574	601	557	Wyoming	197	193	185	229	181
Marshall	307	297	280	283	286						
Mason	241	278	269	231	268						
Mercer	662	706	661	584	607	Total	19,070	18,679	18,243	18,090	17,327
Mineral	276	262	251	243	250						
Mingo	269	321	278	278	283						

West Virginia Bureau for Public Health
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Number and Percent of Low Birthweight (LBW) Births
By County of Residence
West Virginia, 2020
Table 55

County	Number of Births	LBW*	Percent LBW	County	Number of Births	LBW*	Percent LBW
Barbour	160	14	8.8%	Monongalia	950	67	7.1%
Berkeley	1,515	139	9.2%	Monroe	133	13	9.8%
Boone	216	31	14.4%	Morgan	140	12	8.6%
Braxton	104	10	9.6%	Nicholas	216	28	13.0%
Brooke	173	18	10.4%	Ohio	383	31	8.1%
Cabell	958	109	11.4%	Pendleton	49	6	12.2%
Calhoun	61	5	8.2%	Pleasants	71	6	8.5%
Clay	90	9	10.0%	Pocahontas	76	7	9.2%
Doddridge	58	3	5.2%	Preston	275	21	7.7%
Fayette	394	40	10.2%	Putnam	519	41	7.9%
Gilmer	60	3	5.0%	Raleigh	687	70	10.2%
Grant	117	6	5.1%	Randolph	259	21	8.1%
Greenbrier	311	30	9.6%	Ritchie	80	8	10.0%
Hampshire	232	27	11.6%	Roane	137	15	10.9%
Hancock	212	13	6.1%	Summers	102	10	9.8%
Hardy	153	20	13.1%	Taylor	150	15	10.0%
Harrison	667	52	7.8%	Tucker	51	4	7.8%
Jackson	300	21	7.0%	Tyler	88	9	10.2%
Jefferson	597	36	6.0%	Upshur	217	17	7.8%
Kanawha	1,699	163	9.6%	Wayne	368	38	10.3%
Lewis	174	14	8.0%	Webster	71	5	7.0%
Lincoln	193	21	10.9%	Wetzel	138	14	10.1%
Logan	289	27	9.3%	Wirt	56	5	8.9%
McDowell	160	14	8.8%	Wood	786	77	9.8%
Marion	557	47	8.4%	Wyoming	181	15	8.3%
Marshall	286	31	10.8%				
Mason	268	26	9.7%				
Mercer	607	67	11.0%	Total	17,327	1,611	9.3%
Mineral	250	22	8.8%				
Mingo	283	38	13.4%				

* < 2,500 grams

Note: Percentages are calculated excluding unknown.

West Virginia Bureau for Public Health

Health Statistics Center, Vital Statistics System, 2022

Age of Mother by County
West Virginia Resident Births, 2020
Table 56

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	4	7	35	62	34	12	4	2	0	160
Berkeley	1	15	49	350	505	402	164	26	3	0	1,515
Boone	0	10	23	66	60	39	15	3	0	0	216
Braxton	0	0	1	32	41	21	4	4	1	0	104
Brooke	0	2	7	44	68	34	11	6	1	0	173
Cabell	1	12	30	265	322	224	86	13	5	0	958
Calhoun	0	1	3	27	14	11	4	1	0	0	61
Clay	0	2	4	30	28	18	5	2	1	0	90
Doddridge	0	0	2	28	15	8	5	0	0	0	58
Fayette	0	9	26	120	127	72	29	9	2	0	394
Gilmer	0	0	4	20	15	16	5	0	0	0	60
Grant	0	0	4	46	39	17	10	1	0	0	117
Greenbrier	0	4	19	75	96	77	29	9	2	0	311
Hampshire	0	1	11	75	67	48	19	11	0	0	232
Hancock	0	4	11	55	75	48	13	4	2	0	212
Hardy	1	1	7	45	55	23	14	3	4	0	153
Harrison	1	8	32	174	225	149	65	7	6	0	667
Jackson	0	4	15	78	106	57	34	4	2	0	300
Jefferson	0	6	33	93	176	178	87	21	3	0	597
Kanawha	1	34	81	469	527	375	167	38	7	0	1,699
Lewis	0	2	12	51	53	35	15	3	3	0	174
Lincoln	0	4	13	63	75	22	12	2	2	0	193
Logan	1	5	17	101	83	48	28	5	1	0	289
McDowell	1	1	6	58	52	27	12	2	1	0	160
Marion	2	4	18	130	177	161	52	10	3	0	557
Marshall	0	4	12	72	118	58	18	4	0	0	286
Mason	0	3	16	79	83	53	27	6	1	0	268
Mercer	1	14	52	191	182	112	43	7	5	0	607
Mineral	0	3	14	70	82	60	19	2	0	0	250
Mingo	0	6	25	120	73	40	17	2	0	0	283
Monongalia	0	8	19	141	270	332	162	18	0	0	950
Monroe	0	2	10	24	52	32	11	1	1	0	133
Morgan	0	3	8	37	45	25	10	11	1	0	140
Nicholas	0	2	11	67	73	44	15	2	2	0	216
Ohio	1	11	14	79	112	113	47	6	0	0	383
Pendleton	0	1	4	14	15	10	5	0	0	0	49
Pleasants	0	0	6	23	28	9	5	0	0	0	71
Pocahontas	0	0	3	31	19	7	14	2	0	0	76
Preston	0	2	11	73	94	64	20	10	1	0	275
Putnam	1	6	21	111	177	127	61	13	2	0	519
Raleigh	0	17	42	223	190	150	54	10	1	0	687
Randolph	0	7	16	77	69	60	22	6	2	0	259
Ritchie	0	5	4	20	27	17	5	1	1	0	80
Roane	0	2	6	45	40	24	15	3	2	0	137
Summers	1	2	5	32	32	20	9	0	1	0	102
Taylor	0	3	8	37	46	38	14	2	2	0	150
Tucker	0	0	0	13	15	11	9	3	0	0	51
Tyler	0	2	13	30	27	11	4	1	0	0	88
Upshur	0	2	12	74	71	42	12	4	0	0	217
Wayne	0	8	19	112	121	68	29	11	0	0	368
Webster	0	1	5	25	24	8	5	2	1	0	71
Wetzel	0	2	12	45	43	25	8	1	2	0	138
Wirt	0	2	2	19	15	14	4	0	0	0	56
Wood	1	20	39	237	230	175	75	9	0	0	786
Wyoming	0	8	13	62	55	26	12	5	0	0	181
Total	14	279	857	4,713	5,491	3,919	1,648	330	76	0	17,327

West Virginia Bureau for Public Health
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Mother's Marital Status and Method of Paternity Establishment for
Unmarried Mothers by County
West Virginia Occurrence Births, 2020

Table 57

County	Total Births	Mother's Marital Status		Mother Unmarried with Paternity Established		Mother Unmarried with Father Unknown
		Married*	Unmarried	Paternity Affidavit Accepted	Father Established by Other Methods	
Barbour	1	1	0	0	0	0
Berkeley	1,126	528	598	436	18	144
Boone	2	1	1	0	0	1
Braxton	2	1	1	0	0	1
Brooke	526	223	303	255	7	41
Cabell	2,958	1,554	1,404	987	56	361
Calhoun	2	2	0	0	0	0
Clay	1	0	1	0	0	1
Doddridge	0	0	0	0	0	0
Fayette	2	1	1	0	0	1
Gilmer	0	0	0	0	0	0
Grant	252	103	149	112	4	33
Greenbrier	392	192	200	148	6	46
Hampshire	8	7	1	1	0	0
Hancock	0	0	0	0	0	0
Hardy	1	0	1	0	0	1
Harrison	1,005	539	466	374	6	86
Jackson	2	2	0	0	0	0
Jefferson	229	109	120	93	0	27
Kanawha	3,560	1,892	1,668	1,137	37	494
Lewis	167	64	103	77	0	26
Lincoln	1	0	1	1	0	0
Logan	175	62	113	27	2	84
McDowell	1	1	0	0	0	0
Marion	38	17	21	10	1	10
Marshall	218	96	122	84	5	33
Mason	16	12	4	3	0	1
Mercer	982	515	467	317	16	134
Mineral	3	0	3	2	0	1
Mingo	0	0	0	0	0	0
Monongalia	2,945	1,811	1,134	818	40	276
Monroe	4	4	0	0	0	0
Morgan	2	2	0	0	0	0
Nicholas	1	1	0	0	0	0
Ohio	1,170	642	528	405	6	117
Pendleton	0	0	0	0	0	0
Pleasants	0	0	0	0	0	0
Pocahontas	2	0	2	1	1	0
Preston	4	3	1	1	0	0
Putnam	6	5	1	0	0	1
Raleigh	842	382	460	224	18	218
Randolph	231	113	118	86	3	29
Ritchie	1	1	0	0	0	0
Roane	0	0	0	0	0	0
Summers	0	0	0	0	0	0
Taylor	3	2	1	1	0	0
Tucker	0	0	0	0	0	0
Tyler	1	1	0	0	0	0
Upshur	305	143	162	121	4	37
Wayne	2	2	0	0	0	0
Webster	3	2	1	0	0	1
Wetzel	3	2	1	1	0	0
Wirt	0	0	0	0	0	0
Wood	1,184	594	590	356	11	223
Wyoming	1	0	1	0	0	1
Total	18,380	9,632	8,748	6,078	241	2,429

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*Includes 26 births with unknown marital status.

Births by Month by County
West Virginia Residents, 2020
Table 58

County	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Barbour	18	10	8	18	19	8	16	14	8	7	22	12	160
Berkeley	119	90	121	128	129	108	163	123	131	155	126	122	1,515
Boone	25	10	20	15	17	25	16	20	17	24	11	16	216
Braxton	10	13	7	5	4	8	13	11	12	6	6	9	104
Brooke	22	21	18	12	7	16	12	8	13	11	12	21	173
Cabell	87	63	74	84	82	85	89	77	81	85	70	81	958
Calhoun	8	8	10	3	5	4	8	2	3	4	4	2	61
Clay	7	9	7	4	5	9	12	9	4	7	5	12	90
Doddridge	3	6	5	6	1	7	4	6	6	2	7	5	58
Fayette	25	31	39	33	33	39	28	32	28	39	35	32	394
Gilmer	10	5	5	3	4	7	4	2	3	7	4	6	60
Grant	11	9	8	14	6	11	13	9	16	3	10	7	117
Greenbrier	32	18	37	24	23	25	19	32	27	30	25	19	311
Hampshire	22	17	18	17	13	17	19	28	19	28	16	18	232
Hancock	22	15	18	14	9	20	18	23	23	20	15	15	212
Hardy	20	13	6	10	19	6	15	6	15	14	15	14	153
Harrison	68	54	56	68	59	47	58	56	46	46	60	49	667
Jackson	26	30	19	15	25	28	31	29	21	30	25	21	300
Jefferson	42	31	43	54	46	60	54	56	50	62	42	57	597
Kanawha	159	130	157	133	148	133	146	145	161	130	116	141	1,699
Lewis	22	9	13	18	10	13	14	14	20	17	10	14	174
Lincoln	16	11	16	21	21	14	12	24	17	14	11	16	193
Logan	21	24	27	23	31	25	21	24	33	19	24	17	289
McDowell	14	9	15	10	14	13	15	20	14	10	13	13	160
Marion	49	42	45	44	56	52	34	47	55	51	36	46	557
Marshall	28	21	18	30	20	26	32	22	23	25	21	20	286
Mason	23	17	27	15	26	19	28	27	22	24	17	23	268
Mercer	46	52	46	56	45	56	60	45	58	45	43	55	607
Mineral	17	14	15	17	22	15	38	23	26	27	13	23	250
Mingo	27	19	27	24	19	33	22	18	34	15	22	23	283
Monongalia	91	75	75	79	72	81	75	70	86	79	74	93	950
Monroe	15	12	11	12	15	14	11	5	7	7	7	17	133
Morgan	13	15	7	12	11	15	11	17	11	7	13	8	140
Nicholas	13	17	21	18	13	26	22	26	20	10	13	17	216
Ohio	33	34	37	35	26	32	29	36	36	28	29	28	383
Pendleton	5	2	5	3	8	6	5	3	2	4	4	2	49
Pleasants	6	8	7	5	7	4	7	10	2	7	3	5	71
Pocahontas	8	8	5	7	6	8	9	6	4	6	7	2	76
Preston	28	16	18	22	29	26	24	25	25	28	16	18	275
Putnam	37	43	42	36	44	42	37	52	48	43	54	41	519
Raleigh	66	46	54	56	65	53	64	68	44	60	62	49	687
Randolph	20	22	18	20	22	26	20	27	23	15	23	23	259
Ritchie	7	8	6	6	4	9	6	7	7	11	5	4	80
Roane	9	19	12	6	12	10	8	9	14	15	8	15	137
Summers	5	9	13	7	7	10	16	8	8	9	3	7	102
Taylor	19	13	10	14	8	4	14	17	14	18	9	10	150
Tucker	5	4	4	4	5	3	4	4	7	6	2	3	51
Tyler	2	11	7	4	9	3	8	8	6	5	15	10	88
Upshur	18	16	18	14	23	23	14	18	25	13	18	17	217
Wayne	29	31	21	28	24	36	33	39	43	23	28	33	368
Webster	5	4	7	4	5	10	7	5	7	8	5	4	71
Wetzel	8	9	10	16	8	11	8	9	12	21	17	9	138
Wirt	3	3	3	4	8	5	5	7	5	3	4	6	56
Wood	56	63	56	58	60	73	74	66	70	67	72	71	786
Wyoming	12	17	11	20	18	14	18	14	12	11	11	23	181
Total	1,512	1,306	1,403	1,408	1,427	1,473	1,543	1,508	1,524	1,461	1,338	1,424	17,327

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Place of Delivery, Gender of Child by Race, and Marital Status of Mother by County
West Virginia Resident Births, 2020
Table 59

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	158	2	78	78	1	0	0	0	76	160
Berkeley	1,496	19	639	643	55	74	52	49	654	1,515
Boone	214	2	110	104	0	0	2	0	131	216
Braxton	103	1	55	47	0	1	0	1	47	104
Brooke	171	2	73	93	2	1	3	1	94	173
Cabell	956	2	437	438	32	32	10	9	473	958
Calhoun	58	3	26	33	1	0	1	0	28	61
Clay	89	1	41	47	0	0	2	0	43	90
Doddridge	58	0	27	31	0	0	0	0	28	58
Fayette	392	2	186	181	10	5	5	6	201	394
Gilmer	60	0	28	30	0	0	1	0	25	60
Grant	114	3	57	59	0	0	1	0	58	117
Greenbrier	310	1	158	137	1	1	4	9	141	311
Hampshire	225	7	100	129	2	0	1	0	124	232
Hancock	212	0	97	95	6	2	6	6	122	212
Hardy	152	1	79	62	3	4	3	2	78	153
Harrison	659	8	331	309	4	4	5	12	299	667
Jackson	299	1	152	142	1	1	1	2	128	300
Jefferson	581	16	263	249	20	18	26	21	218	597
Kanawha	1,693	6	740	727	71	71	49	39	886	1,699
Lewis	173	1	85	86	0	0	1	0	85	174
Lincoln	191	2	97	94	0	0	0	1	106	193
Logan	289	0	140	142	0	3	2	1	137	289
McDowell	158	2	79	72	2	5	1	0	84	160
Marion	548	9	262	268	11	8	4	4	230	557
Marshall	286	0	144	131	1	1	1	8	140	286
Mason	265	3	123	141	2	1	1	0	135	268
Mercer	605	2	272	261	21	18	10	22	302	607
Mineral	247	3	117	119	3	3	3	5	129	250
Mingo	283	0	140	138	0	3	0	2	160	283
Monongalia	946	4	456	376	19	16	37	45	284	950
Monroe	129	4	65	67	0	0	1	0	53	133
Morgan	138	2	76	61	1	0	1	1	65	140
Nicholas	215	1	99	112	0	0	2	3	98	216
Ohio	380	3	167	186	6	7	6	11	181	383
Pendleton	49	0	22	24	2	1	0	0	25	49
Pleasants	71	0	33	37	0	0	0	1	30	71
Pocahontas	73	3	44	31	0	0	0	1	33	76
Preston	272	3	146	127	0	0	0	2	124	275
Putnam	513	6	275	231	2	0	5	6	198	519
Raleigh	683	4	296	313	32	21	13	12	340	687
Randolph	257	2	123	123	4	1	3	4	147	259
Ritchie	79	1	44	32	0	0	3	0	33	80
Roane	137	0	76	58	0	0	0	1	59	137
Summers	102	0	53	43	0	2	2	2	44	102
Taylor	146	4	70	75	1	2	0	2	71	150
Tucker	51	0	28	22	0	1	0	0	18	51
Tyler	88	0	43	42	0	1	1	1	44	88
Upshur	213	4	113	93	0	0	3	7	108	217
Wayne	364	4	184	180	2	1	1	0	167	368
Webster	71	0	33	37	0	0	0	0	33	71
Wetzel	135	3	72	64	0	0	1	0	75	138
Wirt	56	0	29	26	0	0	0	1	30	56
Wood	777	9	401	354	5	5	15	6	365	786
Wyoming	180	1	83	94	1	0	1	1	72	181
Total	17,170	157	8,167	7,894	324	314	290	307	8,059	17,327

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*Includes hospitals, en route to hospital and birthing centers.
NOTE: Does NOT include 20 births with mother's unknown race.

Trimester Prenatal Care Began by County
West Virginia Resident Births, 2020
Table 60

County	First Trimester		Second Trimester		Third Trimester		No Care		Unknown	Total
	Births	Percent*	Births	Percent*	Births	Percent*	Births	Percent*		
Barbour	123	76.9%	29	18.1%	4	2.5%	4	2.5%	0	160
Berkeley	1,204	80.2%	222	14.8%	52	3.5%	24	1.6%	13	1,515
Boone	164	77.4%	35	16.5%	6	2.8%	7	3.3%	4	216
Braxton	78	75.0%	20	19.2%	3	2.9%	3	2.9%	0	104
Brooke	112	65.5%	48	28.1%	5	2.9%	6	3.5%	2	173
Cabell	830	86.9%	90	9.4%	29	3.0%	6	0.6%	3	958
Calhoun	44	74.6%	12	20.3%	0	0.0%	3	5.1%	2	61
Clay	74	82.2%	9	10.0%	3	3.3%	4	4.4%	0	90
Doddridge	51	87.9%	4	6.9%	1	1.7%	2	3.4%	0	58
Fayette	297	75.8%	59	15.1%	23	5.9%	13	3.3%	2	394
Gilmer	49	81.7%	10	16.7%	0	0.0%	1	1.7%	0	60
Grant	68	58.1%	39	33.3%	8	6.8%	2	1.7%	0	117
Greenbrier	258	83.5%	31	10.0%	12	3.9%	8	2.6%	2	311
Hampshire	165	71.4%	50	21.6%	6	2.6%	10	4.3%	1	232
Hancock	119	56.9%	78	37.3%	9	4.3%	3	1.4%	3	212
Hardy	77	50.7%	67	44.1%	5	3.3%	3	2.0%	1	153
Harrison	545	82.0%	82	12.3%	26	3.9%	12	1.8%	2	667
Jackson	225	75.5%	47	15.8%	14	4.7%	12	4.0%	2	300
Jefferson	494	83.2%	78	13.1%	13	2.2%	9	1.5%	3	597
Kanawha	1,337	79.1%	248	14.7%	52	3.1%	53	3.1%	9	1,699
Lewis	144	82.8%	23	13.2%	7	4.0%	0	0.0%	0	174
Lincoln	162	84.4%	21	10.9%	4	2.1%	5	2.6%	1	193
Logan	213	74.2%	45	15.7%	17	5.9%	12	4.2%	2	289
McDowell	123	76.9%	27	16.9%	4	2.5%	6	3.8%	0	160
Marion	427	77.1%	85	15.3%	27	4.9%	15	2.7%	3	557
Marshall	236	83.1%	35	12.3%	10	3.5%	3	1.1%	2	286
Mason	201	75.6%	55	20.7%	9	3.4%	1	0.4%	2	268
Mercer	507	83.7%	71	11.7%	22	3.6%	6	1.0%	1	607
Mineral	190	76.3%	45	18.1%	12	4.8%	2	0.8%	1	250
Mingo	228	81.4%	42	15.0%	9	3.2%	1	0.4%	3	283
Monongalia	775	82.3%	135	14.3%	16	1.7%	16	1.7%	8	950
Monroe	111	84.1%	16	12.1%	4	3.0%	1	0.8%	1	133
Morgan	103	73.6%	28	20.0%	6	4.3%	3	2.1%	0	140
Nicholas	165	76.7%	30	14.0%	11	5.1%	9	4.2%	1	216
Ohio	307	80.4%	53	13.9%	12	3.1%	10	2.6%	1	383
Pendleton	25	51.0%	17	34.7%	5	10.2%	2	4.1%	0	49
Pleasants	57	80.3%	10	14.1%	2	2.8%	2	2.8%	0	71
Pocahontas	50	65.8%	19	25.0%	5	6.6%	2	2.6%	0	76
Preston	210	76.4%	48	17.5%	10	3.6%	7	2.5%	0	275
Putnam	452	87.4%	42	8.1%	13	2.5%	10	1.9%	2	519
Raleigh	532	77.8%	96	14.0%	32	4.7%	24	3.5%	3	687
Randolph	184	71.6%	55	21.4%	12	4.7%	6	2.3%	2	259
Ritchie	64	80.0%	9	11.3%	2	2.5%	5	6.3%	0	80
Roane	95	69.3%	32	23.4%	6	4.4%	4	2.9%	0	137
Summers	80	78.4%	17	16.7%	3	2.9%	2	2.0%	0	102
Taylor	124	82.7%	20	13.3%	2	1.3%	4	2.7%	0	150
Tucker	40	78.4%	7	13.7%	2	3.9%	2	3.9%	0	51
Tyler	69	80.2%	13	15.1%	2	2.3%	2	2.3%	2	88
Upshur	182	83.9%	29	13.4%	3	1.4%	3	1.4%	0	217
Wayne	329	89.6%	32	8.7%	4	1.1%	2	0.5%	1	368
Webster	47	66.2%	16	22.5%	6	8.5%	2	2.8%	0	71
Wetzel	114	82.6%	20	14.5%	3	2.2%	1	0.7%	0	138
Wirt	47	83.9%	7	12.5%	1	1.8%	1	1.8%	0	56
Wood	656	84.1%	91	11.7%	24	3.1%	9	1.2%	6	786
Wyoming	152	84.0%	21	11.6%	6	3.3%	2	1.1%	0	181
Total	13,715	79.6%	2,570	14.9%	584	3.4%	367	2.1%	91	17,327

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

Number of Prenatal Visits by County
West Virginia Resident Births, 2020
Table 61

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	4	2.5%	15	9.4%	65	40.6%	68	42.5%	8	5.0%	0	160
Berkeley	24	1.6%	108	7.2%	472	31.5%	713	47.5%	183	12.2%	15	1,515
Boone	7	3.3%	25	11.8%	65	30.7%	90	42.5%	25	11.8%	4	216
Braxton	3	2.9%	6	5.8%	36	34.6%	47	45.2%	12	11.5%	0	104
Brooke	6	3.5%	5	2.9%	76	44.7%	81	47.6%	2	1.2%	3	173
Cabell	7	0.7%	50	5.2%	241	25.2%	560	58.6%	97	10.2%	3	958
Calhoun	3	5.1%	2	3.4%	12	20.3%	37	62.7%	5	8.5%	2	61
Clay	4	4.4%	9	10.0%	30	33.3%	37	41.1%	10	11.1%	0	90
Doddridge	2	3.4%	2	3.4%	18	31.0%	31	53.4%	5	8.6%	0	58
Fayette	14	3.6%	45	11.5%	98	25.1%	165	42.2%	69	17.6%	3	394
Gilmer	1	1.7%	3	5.0%	19	31.7%	32	53.3%	5	8.3%	0	60
Grant	2	1.7%	6	5.1%	24	20.5%	66	56.4%	19	16.2%	0	117
Greenbrier	8	2.7%	18	6.0%	105	35.1%	151	50.5%	17	5.7%	12	311
Hampshire	10	4.3%	21	9.1%	85	36.8%	102	44.2%	13	5.6%	1	232
Hancock	3	1.4%	15	7.1%	93	44.3%	92	43.8%	7	3.3%	2	212
Hardy	3	2.0%	6	3.9%	33	21.6%	90	58.8%	21	13.7%	0	153
Harrison	12	1.8%	56	8.4%	253	38.0%	295	44.4%	49	7.4%	2	667
Jackson	12	4.0%	28	9.4%	100	33.6%	118	39.6%	40	13.4%	2	300
Jefferson	9	1.5%	40	6.7%	200	33.6%	314	52.7%	33	5.5%	1	597
Kanawha	54	3.2%	165	9.8%	544	32.2%	717	42.5%	209	12.4%	10	1,699
Lewis	0	0.0%	8	4.6%	63	36.4%	83	48.0%	19	11.0%	1	174
Lincoln	5	2.6%	13	6.7%	47	24.4%	95	49.2%	33	17.1%	0	193
Logan	12	4.2%	26	9.1%	61	21.3%	129	44.9%	59	20.6%	2	289
McDowell	6	3.8%	5	3.1%	35	21.9%	81	50.6%	33	20.6%	0	160
Marion	15	2.7%	56	10.1%	179	32.4%	259	46.9%	43	7.8%	5	557
Marshall	3	1.1%	13	4.6%	84	29.7%	172	60.8%	11	3.9%	3	286
Mason	1	0.4%	19	7.1%	71	26.7%	128	48.1%	47	17.7%	2	268
Mercer	6	1.0%	29	4.8%	120	19.8%	389	64.3%	61	10.1%	2	607
Mineral	4	1.6%	27	10.8%	103	41.4%	108	43.4%	7	2.8%	1	250
Mingo	1	0.4%	19	6.8%	82	29.3%	141	50.4%	37	13.2%	3	283
Monongalia	16	1.7%	40	4.3%	365	38.8%	464	49.4%	55	5.9%	10	950
Monroe	1	0.8%	9	6.9%	41	31.5%	72	55.4%	7	5.4%	3	133
Morgan	3	2.2%	15	10.8%	47	33.8%	64	46.0%	10	7.2%	1	140
Nicholas	9	4.2%	21	9.8%	66	30.7%	92	42.8%	27	12.6%	1	216
Ohio	10	2.6%	19	5.0%	110	28.8%	236	61.8%	7	1.8%	1	383
Pendleton	2	4.1%	3	6.1%	16	32.7%	25	51.0%	3	6.1%	0	49
Pleasants	2	2.8%	3	4.2%	16	22.5%	43	60.6%	7	9.9%	0	71
Pocahontas	2	2.7%	11	14.7%	28	37.3%	28	37.3%	6	8.0%	1	76
Preston	8	2.9%	17	6.2%	114	41.6%	123	44.9%	12	4.4%	1	275
Putnam	10	1.9%	21	4.1%	139	27.0%	272	52.8%	73	14.2%	4	519
Raleigh	24	3.5%	63	9.2%	156	22.8%	288	42.1%	153	22.4%	3	687
Randolph	6	2.3%	22	8.6%	131	51.0%	88	34.2%	10	3.9%	2	259
Ritchie	5	6.3%	3	3.8%	16	20.0%	45	56.3%	11	13.8%	0	80
Roane	4	2.9%	22	16.1%	47	34.3%	53	38.7%	11	8.0%	0	137
Summers	2	2.0%	6	6.1%	22	22.2%	61	61.6%	8	8.1%	3	102
Taylor	4	2.7%	6	4.0%	56	37.3%	76	50.7%	8	5.3%	0	150
Tucker	2	3.9%	3	5.9%	22	43.1%	22	43.1%	2	3.9%	0	51
Tyler	2	2.3%	2	2.3%	25	29.1%	54	62.8%	3	3.5%	2	88
Upshur	3	1.4%	9	4.2%	81	37.5%	112	51.9%	11	5.1%	1	217
Wayne	2	0.5%	14	3.8%	87	23.7%	231	62.9%	33	9.0%	1	368
Webster	2	2.8%	11	15.5%	25	35.2%	25	35.2%	8	11.3%	0	71
Wetzel	1	0.7%	12	8.8%	44	32.1%	73	53.3%	7	5.1%	1	138
Wirt	1	1.8%	1	1.8%	13	23.2%	34	60.7%	7	12.5%	0	56
Wood	9	1.2%	45	5.8%	142	18.2%	490	62.8%	94	12.1%	6	786
Wyoming	2	1.1%	14	7.7%	40	22.1%	92	50.8%	33	18.2%	0	181
Total	373	2.2%	1,232	7.2%	5,263	30.6%	8,554	49.7%	1,785	10.4%	120	17,327

West Virginia Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2022

*Percentages calculated excluding unknown.

Pregnancy Risk Factors, Cesarean Sections, Delivery Complications,
Congenital Anomalies, and/or Abnormal Conditions of the Newborn
Percent* of Total Births by County of Residence
West Virginia Resident Births, 2020

Table 62

County	Pregnancy Risk Factors			Cesarean Section		1 or More Complications of Labor and/or Delivery	1 or More Congenital Anomalies	1 or More Abnormal Conditions of the Newborn
	Tobacco Use	1 or More Medical Risk Factors	Maternal Drug Use	Primary	Repeat			
Barbour	23.1	61.9	10.0	14.4	23.8	41.9	1.9	24.4
Berkeley	12.2	42.9	6.9	18.7	12.3	33.0	1.5	17.2
Boone	37.5	42.6	12.5	24.1	16.2	43.1	2.3	18.1
Braxton	31.7	47.1	10.6	17.3	13.5	47.1	4.8	17.3
Brooke	22.0	40.5	9.8	26.6	12.1	59.5	0.6	13.3
Cabell	22.4	50.7	10.6	21.3	15.0	43.1	0.5	18.0
Calhoun	19.7	37.7	4.9	16.4	13.1	32.8	1.7	10.0
Clay	30.0	44.4	12.2	22.2	10.0	32.2	0.0	10.0
Doddridge	13.8	46.6	10.3	15.5	19.0	29.3	1.7	13.8
Fayette	30.2	60.9	13.2	21.3	14.7	49.7	6.6	13.5
Gilmer	13.3	50.0	1.7	13.3	25.0	45.0	1.7	6.7
Grant	14.5	30.8	1.7	17.9	14.5	23.9	0.0	3.4
Greenbrier	27.0	29.3	4.2	19.9	7.4	19.3	1.6	9.3
Hampshire	25.0	33.2	0.9	18.5	15.5	27.2	0.4	10.3
Hancock	19.4	39.2	10.4	27.4	15.1	60.8	0.5	17.0
Hardy	17.0	42.5	1.3	22.2	18.3	19.6	0.7	5.2
Harrison	20.2	47.0	8.9	18.9	12.6	36.0	0.7	18.1
Jackson	24.7	50.0	12.0	23.3	21.7	43.0	1.3	16.7
Jefferson	12.8	43.6	8.9	16.4	14.7	36.0	0.5	15.2
Kanawha	23.3	46.1	12.6	22.5	17.3	43.3	2.8	12.1
Lewis	27.0	56.3	10.9	17.2	16.1	37.9	0.6	16.7
Lincoln	30.6	44.0	10.9	24.9	17.1	33.2	1.0	17.1
Logan	33.2	32.5	4.5	23.9	15.2	38.4	1.0	10.4
McDowell	34.4	42.8	5.0	20.6	15.6	38.1	1.3	13.1
Marion	20.3	48.7	7.7	16.2	12.7	37.2	1.1	19.7
Marshall	22.7	28.7	6.3	27.3	7.7	51.7	1.7	17.5
Mason	26.9	54.5	4.9	19.0	15.3	44.8	0.0	13.4
Mercer	22.9	32.1	4.1	19.1	12.5	43.3	1.8	15.3
Mineral	14.1	38.2	0.4	20.0	11.6	24.4	2.0	12.9
Mingo	30.7	41.3	0.7	21.6	15.5	39.2	0.4	11.0
Monongalia	11.7	38.0	3.8	21.2	10.0	44.5	1.7	15.1
Monroe	25.6	30.1	0.8	13.5	11.3	24.1	1.5	9.0
Morgan	22.1	46.0	9.4	15.7	10.7	25.7	0.7	18.7
Nicholas	25.0	54.2	9.7	16.7	13.9	52.8	6.5	14.4
Ohio	16.4	25.8	6.8	30.3	7.6	50.7	0.0	16.2
Pendleton	24.5	30.6	0.0	24.5	16.3	34.7	0.0	6.1
Pleasants	16.9	32.4	4.2	22.5	9.9	35.2	1.4	13.0
Pocahontas	30.3	36.8	7.9	19.7	10.5	27.6	0.0	10.5
Preston	24.4	39.4	5.5	18.9	12.0	33.8	1.1	13.5
Putnam	13.5	46.4	5.8	19.8	17.7	38.0	1.9	12.3
Raleigh	23.6	59.5	9.8	17.9	12.7	52.7	6.8	15.4
Randolph	31.3	51.7	17.0	15.8	13.5	51.4	1.2	14.3
Ritchie	23.8	35.0	8.8	16.3	8.8	27.5	1.3	20.0
Roane	27.0	43.1	9.5	23.4	20.4	39.4	0.0	13.1
Summers	30.4	40.2	8.8	17.6	12.7	45.1	2.9	11.8
Taylor	26.0	48.7	6.0	20.7	14.7	37.3	4.0	23.3
Tucker	17.6	45.1	5.9	15.7	27.5	37.3	5.9	17.6
Tyler	22.7	42.0	15.9	14.8	8.0	39.8	1.1	20.5
Upshur	20.3	41.9	9.7	21.2	9.7	41.9	0.9	11.1
Wayne	19.8	46.7	4.6	18.5	13.3	38.9	0.5	15.2
Webster	28.2	53.5	5.6	11.3	12.7	50.7	7.0	15.5
Wetzel	22.5	37.7	6.5	19.6	9.4	44.9	2.2	15.2
Wirt	23.2	44.6	10.7	37.5	21.4	39.3	0.0	18.2
Wood	18.4	41.2	14.5	20.6	15.9	28.1	0.3	22.8
Wyoming	32.6	51.9	5.0	16.6	6.6	50.3	7.2	13.3
Total	21.3	43.9	8.2	20.3	13.9	39.8	1.8	15.2

West Virginia Bureau for Public Health

*Percentages calculated excluding unknown.

Health Statistics Center, Vital Statistics System, 2022

Number of Deaths by Race and County of Residence
West Virginia, 2020
Table 63

County	White or Caucasian	Black or African American	Native American or Aleutian Islander	Asian, Hawaiian or Pacific Islander	Two or More Races	All Other Races	Total
Barbour	251	1	0	0	0	0	252
Berkeley	1,248	103	3	8	8	2	1,372
Boone	352	1	0	0	0	0	353
Braxton	171	0	0	0	0	1	172
Brooke	394	4	0	0	0	0	398
Cabell	1,306	68	2	4	1	0	1,381
Calhoun	106	0	0	0	0	0	106
Clay	142	0	0	0	0	0	142
Doddridge	90	0	0	0	1	0	91
Fayette	668	26	0	0	0	0	694
Gilmer	97	1	0	0	0	0	98
Grant	172	1	0	0	0	0	173
Greenbrier	537	17	0	0	1	0	555
Hampshire	305	3	0	3	0	1	312
Hancock	528	11	0	1	0	0	540
Hardy	202	4	0	1	0	0	207
Harrison	856	10	0	0	0	0	866
Jackson	394	0	0	3	0	0	397
Jefferson	560	50	1	3	0	0	614
Kanawha	2,751	182	1	11	2	1	2,948
Lewis	264	1	0	3	0	0	268
Lincoln	323	0	0	0	0	0	323
Logan	587	15	1	0	0	0	603
McDowell	324	42	0	0	0	0	366
Marion	714	23	0	2	0	0	739
Marshall	456	3	0	2	1	0	462
Mason	394	1	0	2	1	0	398
Mercer	977	57	0	5	2	1	1,042
Mineral	386	17	0	1	0	0	404
Mingo	403	8	0	0	0	0	411
Monongalia	791	20	1	5	0	1	818
Monroe	213	3	0	0	1	0	217
Morgan	251	3	0	2	0	0	256
Nicholas	353	0	1	0	0	0	354
Ohio	660	31	0	0	2	0	693
Pendleton	124	1	0	0	0	0	125
Pleasants	101	2	0	0	0	0	103
Pocahontas	120	0	0	0	0	0	120
Preston	435	3	0	1	0	0	439
Putnam	687	6	0	2	0	0	695
Raleigh	1,150	63	0	7	0	0	1,220
Randolph	390	0	0	0	1	0	391
Ritchie	135	1	0	1	0	0	137
Roane	204	1	0	0	1	0	206
Summers	216	5	0	0	1	0	222
Taylor	252	1	0	0	0	0	253
Tucker	125	0	0	0	0	0	125
Tyler	98	0	0	0	0	0	98
Upshur	303	1	0	1	0	0	305
Wayne	629	6	0	0	0	1	636
Webster	119	0	0	0	0	0	119
Wetzel	235	1	0	0	0	0	236
Wirt	69	0	0	0	0	0	69
Wood	1,192	7	0	4	2	0	1,205
Wyoming	374	5	0	0	0	0	379
Total	25,184	809	10	72	25	8	26,108

West Virginia Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2022

Number of Male Deaths by Race and County of Residence
West Virginia, 2020
Table 64

County	White or Caucasian	Black or African American	Native American or Aleutian Islander	Asian, Hawaiian or Pacific Islander	Two or More Races	All Other Races	Total
Barbour	133	0	0	0	0	0	133
Berkeley	667	62	1	3	7	2	742
Boone	206	1	0	0	0	0	207
Braxton	93	0	0	0	0	0	93
Brooke	183	2	0	0	0	0	185
Cabell	694	35	2	2	0	0	733
Calhoun	69	0	0	0	0	0	69
Clay	87	0	0	0	0	0	87
Doddridge	43	0	0	0	1	0	44
Fayette	361	12	0	0	0	0	373
Gilmer	47	1	0	0	0	0	48
Grant	89	0	0	0	0	0	89
Greenbrier	297	9	0	0	1	0	307
Hampshire	166	2	0	1	0	1	170
Hancock	269	7	0	1	0	0	277
Hardy	115	4	0	0	0	0	119
Harrison	462	8	0	0	0	0	470
Jackson	199	0	0	1	0	0	200
Jefferson	322	24	1	0	0	0	347
Kanawha	1,412	107	0	6	2	0	1,527
Lewis	151	1	0	1	0	0	153
Lincoln	181	0	0	0	0	0	181
Logan	322	10	1	0	0	0	333
McDowell	172	26	0	0	0	0	198
Marion	363	14	0	0	0	0	377
Marshall	234	1	0	2	0	0	237
Mason	220	0	0	1	0	0	221
Mercer	494	30	0	1	1	1	527
Mineral	202	9	0	0	0	0	211
Mingo	224	5	0	0	0	0	229
Monongalia	413	11	0	2	0	1	427
Monroe	107	3	0	0	0	0	110
Morgan	140	2	0	1	0	0	143
Nicholas	191	0	1	0	0	0	192
Ohio	318	14	0	0	2	0	334
Pendleton	62	0	0	0	0	0	62
Pleasants	62	2	0	0	0	0	64
Pocahontas	70	0	0	0	0	0	70
Preston	244	2	0	0	0	0	246
Putnam	354	5	0	2	0	0	361
Raleigh	605	30	0	7	0	0	642
Randolph	205	0	0	0	1	0	206
Ritchie	80	1	0	0	0	0	81
Roane	113	0	0	0	0	0	113
Summers	124	3	0	0	1	0	128
Taylor	136	1	0	0	0	0	137
Tucker	75	0	0	0	0	0	75
Tyler	50	0	0	0	0	0	50
Upshur	156	1	0	0	0	0	157
Wayne	355	3	0	0	0	1	359
Webster	59	0	0	0	0	0	59
Wetzel	110	1	0	0	0	0	111
Wirt	40	0	0	0	0	0	40
Wood	622	5	0	3	2	0	632
Wyoming	196	3	0	0	0	0	199
Total	13,364	457	6	34	18	6	13,885

West Virginia Bureau for Public Health
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Number of Female Deaths by Race and County of Residence
West Virginia, 2020
Table 65

County	White or Caucasian	Black or African American	Native American or Aleutian Islander	Asian, Hawaiian or Pacific Islander	Two or More Races	All Other Races	Total
Barbour	118	1	0	0	0	0	119
Berkeley	581	41	2	5	1	0	630
Boone	146	0	0	0	0	0	146
Braxton	78	0	0	0	0	1	79
Brooke	211	2	0	0	0	0	213
Cabell	612	33	0	2	1	0	648
Calhoun	37	0	0	0	0	0	37
Clay	55	0	0	0	0	0	55
Doddridge	47	0	0	0	0	0	47
Fayette	307	14	0	0	0	0	321
Gilmer	50	0	0	0	0	0	50
Grant	83	1	0	0	0	0	84
Greenbrier	240	8	0	0	0	0	248
Hampshire	139	1	0	2	0	0	142
Hancock	259	4	0	0	0	0	263
Hardy	87	0	0	1	0	0	88
Harrison	394	2	0	0	0	0	396
Jackson	195	0	0	2	0	0	197
Jefferson	238	26	0	3	0	0	267
Kanawha	1,339	75	1	5	0	1	1,421
Lewis	113	0	0	2	0	0	115
Lincoln	142	0	0	0	0	0	142
Logan	265	5	0	0	0	0	270
McDowell	152	16	0	0	0	0	168
Marion	351	9	0	2	0	0	362
Marshall	222	2	0	0	1	0	225
Mason	174	1	0	1	1	0	177
Mercer	483	27	0	4	1	0	515
Mineral	184	8	0	1	0	0	193
Mingo	179	3	0	0	0	0	182
Monongalia	378	9	1	3	0	0	391
Monroe	106	0	0	0	1	0	107
Morgan	111	1	0	1	0	0	113
Nicholas	162	0	0	0	0	0	162
Ohio	342	17	0	0	0	0	359
Pendleton	62	1	0	0	0	0	63
Pleasants	39	0	0	0	0	0	39
Pocahontas	50	0	0	0	0	0	50
Preston	191	1	0	1	0	0	193
Putnam	333	1	0	0	0	0	334
Raleigh	545	33	0	0	0	0	578
Randolph	185	0	0	0	0	0	185
Ritchie	55	0	0	1	0	0	56
Roane	91	1	0	0	1	0	93
Summers	92	2	0	0	0	0	94
Taylor	116	0	0	0	0	0	116
Tucker	50	0	0	0	0	0	50
Tyler	48	0	0	0	0	0	48
Upshur	147	0	0	1	0	0	148
Wayne	274	3	0	0	0	0	277
Webster	60	0	0	0	0	0	60
Wetzel	125	0	0	0	0	0	125
Wirt	29	0	0	0	0	0	29
Wood	570	2	0	1	0	0	573
Wyoming	178	2	0	0	0	0	180
Total	11,820	352	4	38	7	2	12,223

West Virginia Bureau for Public Health
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Number of Deaths by County of Residence and Occurrence
West Virginia, 2020
Table 66

County	Residence	Occurrence	County	Residence	Occurrence
Barbour	252	168	Monongalia	818	2,123
Berkeley	1,372	1,139	Monroe	217	107
Boone	353	230	Morgan	256	172
Braxton	172	111	Nicholas	354	211
Brooke	398	478	Ohio	693	1,218
Cabell	1,381	2,429	Pendleton	125	71
Calhoun	106	71	Pleasants	103	83
Clay	142	78	Pocahontas	120	90
Doddridge	91	47	Preston	439	310
Fayette	694	424	Putnam	695	483
Gilmer	98	76	Raleigh	1,220	1,612
Grant	173	177	Randolph	391	408
Greenbrier	555	543	Ritchie	137	63
Hampshire	312	224	Roane	206	128
Hancock	540	282	Summers	222	132
Hardy	207	98	Taylor	253	183
Harrison	866	1,096	Tucker	125	80
Jackson	397	257	Tyler	98	75
Jefferson	614	655	Upshur	305	229
Kanawha	2,948	3,770	Wayne	636	315
Lewis	268	195	Webster	119	63
Lincoln	323	152	Wetzel	236	161
Logan	603	518	Wirt	69	30
McDowell	366	235	Wood	1,205	1,218
Marion	739	529	Wyoming	379	162
Marshall	462	350			
Mason	398	229			
Mercer	1,042	945	Total	26,108	25,661
Mineral	404	256			
Mingo	411	172			

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Resident deaths include 2,296 West Virginians dying out of state.

Method of Disposition by County of Residence
West Virginia Deaths, 2020
Table 67

County	Method of Disposition								Un- known	Total
	Burial		Cremation		Removal From State		All Other Methods**			
	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*		
Barbour	156	61.9%	89	35.3%	5	2.0%	2	0.8%	0	252
Berkeley	458	33.4%	815	59.4%	66	4.8%	33	2.4%	0	1,372
Boone	207	58.6%	133	37.7%	5	1.4%	8	2.3%	0	353
Braxton	100	58.1%	65	37.8%	4	2.3%	3	1.7%	0	172
Brooke	166	41.7%	147	36.9%	71	17.8%	14	3.5%	0	398
Cabell	705	51.0%	586	42.4%	23	1.7%	67	4.9%	0	1,381
Calhoun	49	46.2%	46	43.4%	7	6.6%	4	3.8%	0	106
Clay	88	62.0%	52	36.6%	1	0.7%	1	0.7%	0	142
Doddridge	45	49.5%	40	44.0%	3	3.3%	3	3.3%	0	91
Fayette	334	48.1%	297	42.8%	8	1.2%	55	7.9%	0	694
Gilmer	53	54.1%	38	38.8%	0	0.0%	7	7.1%	0	98
Grant	102	59.0%	56	32.4%	8	4.6%	7	4.0%	0	173
Greenbrier	275	49.5%	224	40.4%	37	6.7%	19	3.4%	0	555
Hampshire	100	32.1%	154	49.4%	49	15.7%	9	2.9%	0	312
Hancock	181	33.5%	191	35.4%	141	26.1%	27	5.0%	0	540
Hardy	78	37.7%	82	39.6%	41	19.8%	6	2.9%	0	207
Harrison	428	49.4%	380	43.9%	15	1.7%	43	5.0%	0	866
Jackson	222	55.9%	140	35.3%	17	4.3%	18	4.5%	0	397
Jefferson	175	28.5%	352	57.3%	70	11.4%	17	2.8%	0	614
Kanawha	1,292	43.8%	1,445	49.0%	37	1.3%	174	5.9%	0	2,948
Lewis	132	49.3%	126	47.0%	1	0.4%	9	3.4%	0	268
Lincoln	209	64.7%	109	33.7%	2	0.6%	3	0.9%	0	323
Logan	338	56.1%	233	38.6%	8	1.3%	24	4.0%	0	603
McDowell	228	62.3%	108	29.5%	19	5.2%	11	3.0%	0	366
Marion	344	46.5%	344	46.5%	14	1.9%	37	5.0%	0	739
Marshall	178	38.5%	236	51.1%	22	4.8%	26	5.6%	0	462
Mason	198	49.9%	146	36.8%	48	12.1%	5	1.3%	1	398
Mercer	490	47.0%	425	40.8%	72	6.9%	55	5.3%	0	1,042
Mineral	197	48.8%	173	42.8%	10	2.5%	24	5.9%	0	404
Mingo	285	69.3%	109	26.5%	4	1.0%	13	3.2%	0	411
Monongalia	346	42.3%	415	50.7%	16	2.0%	41	5.0%	0	818
Monroe	108	49.8%	70	32.3%	34	15.7%	5	2.3%	0	217
Morgan	81	31.6%	129	50.4%	38	14.8%	8	3.1%	0	256
Nicholas	202	57.1%	137	38.7%	6	1.7%	9	2.5%	0	354
Ohio	262	37.8%	345	49.8%	30	4.3%	56	8.1%	0	693
Pendleton	71	56.8%	35	28.0%	18	14.4%	1	0.8%	0	125
Pleasants	33	32.0%	52	50.5%	17	16.5%	1	1.0%	0	103
Pocahontas	61	50.8%	53	44.2%	4	3.3%	2	1.7%	0	120
Preston	218	49.7%	201	45.8%	6	1.4%	14	3.2%	0	439
Putnam	379	54.5%	246	35.4%	9	1.3%	61	8.8%	0	695
Raleigh	609	49.9%	506	41.5%	13	1.1%	92	7.5%	0	1,220
Randolph	192	49.1%	185	47.3%	2	0.5%	12	3.1%	0	391
Ritchie	62	45.3%	57	41.6%	15	10.9%	3	2.2%	0	137
Roane	112	54.4%	90	43.7%	2	1.0%	2	1.0%	0	206
Summers	129	58.1%	85	38.3%	8	3.6%	0	0.0%	0	222
Taylor	147	58.1%	96	37.9%	4	1.6%	6	2.4%	0	253
Tucker	61	48.8%	56	44.8%	4	3.2%	4	3.2%	0	125
Tyler	45	45.9%	43	43.9%	7	7.1%	3	3.1%	0	98
Upshur	159	52.1%	140	45.9%	1	0.3%	5	1.6%	0	305
Wayne	424	66.7%	187	29.4%	16	2.5%	9	1.4%	0	636
Webster	64	53.8%	47	39.5%	6	5.0%	2	1.7%	0	119
Wetzel	134	56.8%	91	38.6%	8	3.4%	3	1.3%	0	236
Wirt	25	36.2%	40	58.0%	4	5.8%	0	0.0%	0	69
Wood	480	39.8%	525	43.6%	130	10.8%	70	5.8%	0	1,205
Wyoming	239	63.1%	111	29.3%	7	1.8%	22	5.8%	0	379
Total	12,456	47.7%	11,283	43.2%	1,213	4.6%	1,155	4.4%	1	26,108

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*Percentages calculated excluding unknown disposition.
**Includes donation, entombment or any other method.

Method of Disposition by County of Occurrence
West Virginia Deaths, 2020
Table 67 (Cont'd)

County	Method of Disposition								Un-known	Total
	Burial		Cremation		Removal From State		All Other Methods**			
	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*		
Barbour	101	60.1%	65	38.7%	1	0.6%	1	0.6%	0	168
Berkeley	402	35.3%	699	61.4%	10	0.9%	28	2.5%	0	1,139
Boone	143	62.2%	85	37.0%	0	0.0%	2	0.9%	0	230
Braxton	61	55.0%	48	43.2%	0	0.0%	2	1.8%	0	111
Brooke	233	48.7%	221	46.2%	3	0.6%	21	4.4%	0	478
Cabell	1,361	56.1%	947	39.0%	23	0.9%	97	4.0%	1	2,429
Calhoun	35	49.3%	33	46.5%	0	0.0%	3	4.2%	0	71
Clay	54	69.2%	23	29.5%	0	0.0%	1	1.3%	0	78
Doddridge	20	42.6%	25	53.2%	0	0.0%	2	4.3%	0	47
Fayette	206	48.6%	187	44.1%	2	0.5%	29	6.8%	0	424
Gilmer	46	60.5%	25	32.9%	0	0.0%	5	6.6%	0	76
Grant	108	61.0%	61	34.5%	2	1.1%	6	3.4%	0	177
Greenbrier	300	55.2%	221	40.7%	1	0.2%	21	3.9%	0	543
Hampshire	90	40.2%	124	55.4%	4	1.8%	6	2.7%	0	224
Hancock	129	45.7%	135	47.9%	1	0.4%	17	6.0%	0	282
Hardy	44	44.9%	52	53.1%	0	0.0%	2	2.0%	0	98
Harrison	582	53.1%	468	42.7%	2	0.2%	44	4.0%	0	1,096
Jackson	152	59.1%	92	35.8%	0	0.0%	13	5.1%	0	257
Jefferson	222	33.9%	406	62.0%	6	0.9%	21	3.2%	0	655
Kanawha	1,781	47.2%	1,770	46.9%	11	0.3%	208	5.5%	0	3,770
Lewis	100	51.3%	88	45.1%	0	0.0%	7	3.6%	0	195
Lincoln	97	63.8%	54	35.5%	0	0.0%	1	0.7%	0	152
Logan	305	58.9%	193	37.3%	1	0.2%	19	3.7%	0	518
McDowell	148	63.0%	78	33.2%	0	0.0%	9	3.8%	0	235
Marion	247	46.7%	250	47.3%	2	0.4%	30	5.7%	0	529
Marshall	165	47.1%	169	48.3%	1	0.3%	15	4.3%	0	350
Mason	130	57.0%	93	40.8%	0	0.0%	5	2.2%	1	229
Mercer	496	52.5%	396	41.9%	1	0.1%	52	5.5%	0	945
Mineral	141	55.1%	98	38.3%	0	0.0%	17	6.6%	0	256
Mingo	117	68.0%	50	29.1%	0	0.0%	5	2.9%	0	172
Monongalia	957	45.1%	1,067	50.3%	10	0.5%	89	4.2%	0	2,123
Monroe	65	60.7%	40	37.4%	0	0.0%	2	1.9%	0	107
Morgan	70	40.7%	96	55.8%	0	0.0%	6	3.5%	0	172
Nicholas	125	59.2%	81	38.4%	0	0.0%	5	2.4%	0	211
Ohio	508	41.8%	626	51.5%	9	0.7%	73	6.0%	2	1,218
Pendleton	42	59.2%	28	39.4%	0	0.0%	1	1.4%	0	71
Pleasants	39	47.0%	39	47.0%	1	1.2%	4	4.8%	0	83
Pocahontas	51	56.7%	36	40.0%	1	1.1%	2	2.2%	0	90
Preston	154	49.7%	149	48.1%	2	0.6%	5	1.6%	0	310
Putnam	277	57.3%	172	35.6%	0	0.0%	34	7.0%	0	483
Raleigh	851	52.8%	639	39.6%	1	0.1%	121	7.5%	0	1,612
Randolph	214	52.5%	183	44.9%	0	0.0%	11	2.7%	0	408
Ritchie	32	50.8%	31	49.2%	0	0.0%	0	0.0%	0	63
Roane	67	52.3%	57	44.5%	0	0.0%	4	3.1%	0	128
Summers	68	51.5%	63	47.7%	1	0.8%	0	0.0%	0	132
Taylor	117	63.9%	60	32.8%	0	0.0%	6	3.3%	0	183
Tucker	34	42.5%	44	55.0%	0	0.0%	2	2.5%	0	80
Tyler	36	48.0%	35	46.7%	0	0.0%	4	5.3%	0	75
Upshur	120	52.4%	101	44.1%	1	0.4%	7	3.1%	0	229
Wayne	211	67.0%	98	31.1%	1	0.3%	5	1.6%	0	315
Webster	30	47.6%	32	50.8%	0	0.0%	1	1.6%	0	63
Wetzel	84	52.2%	75	46.6%	0	0.0%	2	1.2%	0	161
Wirt	11	36.7%	19	63.3%	0	0.0%	0	0.0%	0	30
Wood	569	46.7%	566	46.5%	11	0.9%	72	5.9%	0	1,218
Wyoming	106	65.4%	50	30.9%	0	0.0%	6	3.7%	0	162
Total	12,854	50.1%	11,543	45.0%	109	0.4%	1,151	4.5%	4	25,661

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*Percentages calculated excluding unknown disposition.
**Includes donation, entombment or any other method.

Number of Deaths by County of Residence
West Virginia, 2016-2020
Table 68

County	2016	2017	2018	2019	2020	County	2016	2017	2018	2019	2020
Barbour	192	182	199	200	252	Monongalia	729	723	732	706	818
Berkeley	1,050	1,051	1,102	1,097	1,372	Monroe	160	169	194	185	217
Boone	299	338	326	327	353	Morgan	242	238	231	229	256
Braxton	179	178	198	180	172	Nicholas	336	358	317	351	354
Brooke	391	291	307	334	398	Ohio	576	557	571	613	693
Cabell	1,267	1,359	1,338	1,308	1,381	Pendleton	95	96	98	104	125
Calhoun	79	98	109	95	106	Pleasants	94	101	97	103	103
Clay	123	118	136	124	142	Pocahontas	95	103	107	115	120
Doddridge	85	83	77	68	91	Preston	367	395	387	358	439
Fayette	660	650	626	656	694	Putnam	625	631	603	656	695
Gilmer	90	81	92	89	98	Raleigh	1,049	1,029	1,099	1,141	1,220
Grant	133	120	146	167	173	Randolph	366	355	353	383	391
Greenbrier	478	500	503	557	555	Ritchie	108	133	133	113	137
Hampshire	254	289	246	292	312	Roane	216	208	236	193	206
Hancock	403	466	443	425	540	Summers	185	232	183	180	222
Hardy	170	137	170	147	207	Taylor	203	191	208	190	253
Harrison	851	881	868	921	866	Tucker	95	76	98	111	125
Jackson	348	393	384	345	397	Tyler	123	105	117	115	98
Jefferson	488	540	500	496	614	Upshur	308	293	254	258	305
Kanawha	2,520	2,598	2,678	2,513	2,948	Wayne	506	554	534	523	636
Lewis	233	247	251	232	268	Webster	117	129	126	124	119
Lincoln	276	277	311	319	323	Wetzel	196	251	235	221	236
Logan	539	572	555	548	603	Wirt	56	67	64	57	69
McDowell	337	294	372	317	366	Wood	1,108	1,094	1,138	1,112	1,205
Marion	708	705	743	711	739	Wyoming	313	344	317	291	379
Marshall	432	411	398	412	462						
Mason	343	346	374	390	398						
Mercer	846	950	892	880	1,042	Total	22,721	23,290	23,462	23,291	26,108
Mineral	339	332	340	329	404						
Mingo	340	371	346	380	411						

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Age at Death by County of Residence
West Virginia, 2020
Table 69

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	252	2	2	0	0	0	2	1	4	21	36	59	66	59	72.4
Berkeley	1,372	14	1	1	0	4	14	43	78	108	202	319	311	277	68.7
Boone	353	2	0	1	1	0	1	7	25	22	58	80	92	64	69.5
Braxton	172	0	0	0	0	0	0	5	3	5	17	36	55	51	76.3
Brooke	398	0	0	0	0	0	0	5	5	25	50	81	101	131	75.6
Cabell	1,381	9	3	1	0	4	9	53	71	105	190	279	313	344	70.0
Calhoun	106	0	1	0	0	1	0	1	2	4	17	28	27	25	72.5
Clay	142	1	0	0	1	0	2	2	7	6	17	36	38	32	71.2
Doddridge	91	0	0	0	0	1	1	3	2	5	11	23	19	26	71.9
Fayette	694	4	0	0	2	0	4	13	31	45	103	169	168	155	71.2
Gilmer	98	0	0	0	0	0	0	1	3	4	15	26	26	23	73.8
Grant	173	1	0	0	0	1	0	3	4	9	18	38	52	47	74.4
Greenbrier	555	4	0	2	1	0	1	10	11	43	66	97	155	165	73.8
Hampshire	312	2	0	0	1	2	0	9	13	23	46	65	88	63	70.7
Hancock	540	3	0	0	1	1	1	7	17	26	67	112	134	171	74.7
Hardy	207	1	0	0	0	0	3	5	6	20	25	44	52	51	71.1
Harrison	866	3	1	2	0	1	3	16	32	53	113	193	221	228	72.8
Jackson	397	3	0	1	2	1	1	10	5	18	53	70	107	126	74.0
Jefferson	614	3	1	0	0	3	6	15	23	40	100	141	144	138	70.6
Kanawha	2,948	15	2	0	3	7	15	76	131	181	402	683	720	713	71.4
Lewis	268	1	0	0	0	0	0	4	7	16	48	60	74	58	72.2
Lincoln	323	0	0	0	1	1	0	10	15	27	51	80	81	57	69.5
Logan	603	4	3	0	0	0	4	20	35	55	106	172	120	84	66.6
McDowell	366	0	1	0	1	2	1	10	12	25	82	110	80	42	67.9
Marion	739	2	1	0	0	1	8	17	23	42	100	148	182	215	72.9
Marshall	462	2	0	0	0	0	2	8	12	22	54	104	132	126	74.4
Mason	398	0	0	0	0	1	1	8	13	25	65	87	111	87	72.0
Mercer	1,042	7	1	1	0	5	5	28	42	73	141	234	246	259	71.0
Mineral	404	3	0	0	0	2	1	2	7	24	40	87	117	121	75.2
Mingo	411	2	1	0	0	1	1	6	30	32	80	108	99	51	67.6
Monongalia	818	2	0	0	0	3	3	19	35	50	119	148	211	228	72.8
Monroe	217	1	0	1	0	0	0	2	5	16	22	46	52	72	75.5
Morgan	256	0	0	0	1	0	3	10	11	16	38	57	58	62	70.8
Nicholas	354	2	0	0	0	0	2	6	9	16	48	83	102	86	73.4
Ohio	693	1	0	1	0	1	2	14	25	42	83	141	172	211	74.1
Pendleton	125	0	0	0	0	0	0	2	4	5	18	17	30	49	76.9
Pleasants	103	0	0	0	0	0	1	2	2	2	15	27	26	28	74.0
Pocahontas	120	0	0	0	0	1	0	1	7	7	21	26	32	25	71.8
Preston	439	1	0	1	2	2	6	7	15	28	59	94	113	111	71.7
Putnam	695	3	0	0	1	2	2	20	27	30	76	135	193	206	73.6
Raleigh	1,220	7	1	0	0	3	5	31	56	88	166	280	284	299	71.5
Randolph	391	5	1	0	0	0	1	9	5	18	50	88	132	82	72.8
Ritchie	137	1	0	1	0	1	1	2	6	6	18	26	40	35	72.0
Roane	206	2	1	0	0	0	0	2	7	15	37	40	51	51	71.8
Summers	222	1	0	0	0	0	2	7	15	12	37	63	46	39	68.7
Taylor	253	1	0	0	0	1	4	7	7	13	35	45	67	73	73.0
Tucker	125	0	0	0	0	0	3	2	0	4	17	22	37	40	75.7
Tyler	98	0	0	0	0	0	0	2	1	8	15	20	24	28	73.7
Upshur	305	1	0	0	1	2	1	7	11	14	36	64	87	81	73.2
Wayne	636	7	0	0	1	1	1	26	30	50	86	126	163	145	69.9
Webster	119	0	0	1	0	0	0	1	7	11	14	24	36	25	71.6
Wetzel	236	1	0	0	0	2	2	6	2	16	20	49	75	63	74.0
Wirt	69	1	0	0	0	2	2	0	2	7	8	17	22	10	69.2
Wood	1,205	4	4	1	0	1	6	29	33	73	160	253	339	302	72.6
Wyoming	379	2	0	0	1	0	1	8	19	29	58	95	89	77	70.1
Total	26,108	131	25	15	21	59	134	620	1,010	1,680	3,629	5,755	6,612	6,417	71.8

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Place Death Occurred by County of Residence
West Virginia, 2020
Table 70

County	Place Death Occurred											Total
	WV Hospital	Out-of-State Hospital	En Route to Hospital	Clinic or Center	Licensed Nursing Home	Other Personal Care	Home	Hospice Care	Named Place or Address	Doctor's Office	Un-known	
Barbour	85	5	0	0	54	14	91	3	0	0	0	252
Berkeley	384	110	1	0	135	85	469	188	0	0	0	1,372
Boone	110	7	1	0	35	23	134	43	0	0	0	353
Braxton	59	3	3	0	26	6	70	5	0	0	0	172
Brooke	105	50	1	0	89	15	111	27	0	0	0	398
Cabell	431	21	1	0	211	75	448	194	0	0	0	1,381
Calhoun	25	6	0	0	15	7	51	2	0	0	0	106
Clay	46	2	0	0	13	9	56	16	0	0	0	142
Doddridge	37	2	0	0	8	5	38	1	0	0	0	91
Fayette	264	9	1	0	67	38	181	134	0	0	0	694
Gilmer	29	0	0	0	16	8	42	3	0	0	0	98
Grant	46	14	0	0	44	9	60	0	0	0	0	173
Greenbrier	148	42	1	0	109	26	129	100	0	0	0	555
Hampshire	23	67	0	0	46	20	145	11	0	0	0	312
Hancock	118	106	0	0	113	11	149	43	0	0	0	540
Hardy	32	41	0	0	37	19	72	6	0	0	0	207
Harrison	308	11	0	0	140	51	353	3	0	0	0	866
Jackson	143	14	0	0	64	25	129	22	0	0	0	397
Jefferson	136	97	0	0	62	47	199	73	0	0	0	614
Kanawha	945	53	3	0	361	142	858	586	0	0	0	2,948
Lewis	94	4	1	0	47	17	104	1	0	0	0	268
Lincoln	87	5	0	0	35	20	123	53	0	0	0	323
Logan	239	47	0	0	54	34	221	8	0	0	0	603
McDowell	122	41	1	0	34	24	131	13	0	0	0	366
Marion	237	11	0	0	151	54	282	4	0	0	0	739
Marshall	153	19	1	0	101	15	142	31	0	0	0	462
Mason	100	51	2	0	48	27	138	32	0	0	0	398
Mercer	349	68	15	0	151	53	361	45	0	0	0	1,042
Mineral	87	86	0	0	87	26	118	0	0	0	0	404
Mingo	71	138	10	0	23	20	138	11	0	0	0	411
Monongalia	273	12	1	0	172	42	310	8	0	0	0	818
Monroe	43	36	0	0	38	13	66	21	0	0	0	217
Morgan	38	52	0	0	36	17	95	18	0	0	0	256
Nicholas	131	8	4	0	50	17	117	27	0	0	0	354
Ohio	229	14	6	0	167	27	186	64	0	0	0	693
Pendleton	23	21	0	0	32	8	39	2	0	0	0	125
Pleasants	21	16	0	0	16	8	41	1	0	0	0	103
Pocahontas	34	5	0	0	26	9	40	6	0	0	0	120
Preston	121	16	1	0	72	38	187	4	0	0	0	439
Putnam	197	13	0	0	122	26	221	116	0	0	0	695
Raleigh	421	18	0	0	106	58	356	261	0	0	0	1,220
Randolph	113	4	1	0	78	21	148	26	0	0	0	391
Ritchie	45	13	0	0	27	7	44	1	0	0	0	137
Roane	79	4	0	0	36	4	67	16	0	0	0	206
Summers	60	12	0	0	37	12	72	29	0	0	0	222
Taylor	91	5	1	0	48	18	89	1	0	0	0	253
Tucker	31	4	0	0	31	4	46	9	0	0	0	125
Tyler	28	6	0	0	18	6	38	2	0	0	0	98
Upshur	92	5	1	0	56	19	132	0	0	0	0	305
Wayne	186	37	2	0	69	41	215	86	0	0	0	636
Webster	40	3	0	0	13	12	44	7	0	0	0	119
Wetzel	89	9	0	0	49	17	67	5	0	0	0	236
Wirt	27	3	0	0	6	7	25	1	0	0	0	69
Wood	359	122	1	0	242	56	419	6	0	0	0	1,205
Wyoming	123	10	2	0	30	25	120	69	0	0	0	379
Total	7,907	1,578	62	0	3,953	1,437	8,727	2,444	0	0	0	26,108

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

Firearm Injury Deaths by Type of Injury and County
West Virginia Residents, 2020

Table 71

County	Unintentional	Intentional			Undetermined	Total
		Suicide	Assault	Legal Intervention		
Barbour	1	2	0	0	0	3
Berkeley	0	9	0	0	0	9
Boone	0	6	2	0	0	8
Braxton	0	2	0	0	0	2
Brooke	0	4	0	0	0	4
Cabell	1	8	10	0	0	19
Calhoun	0	1	1	0	0	2
Clay	0	4	2	0	0	6
Doddridge	0	1	0	0	0	1
Fayette	0	6	0	0	0	6
Gilmer	0	1	0	0	0	1
Grant	0	1	0	0	0	1
Greenbrier	0	4	0	0	1	5
Hampshire	0	1	0	0	0	1
Hancock	0	1	2	0	0	3
Hardy	0	7	0	0	0	7
Harrison	0	9	4	0	0	13
Jackson	1	4	1	0	0	6
Jefferson	0	8	3	0	0	11
Kanawha	1	15	15	1	1	33
Lewis	0	5	2	0	0	7
Lincoln	2	2	0	0	0	4
Logan	0	6	2	0	0	8
McDowell	0	2	2	0	0	4
Marion	0	7	6	0	0	13
Marshall	0	3	0	0	0	3
Mason	0	1	3	0	0	4
Mercer	0	6	4	0	0	10
Mineral	0	3	1	1	0	5
Mingo	1	3	3	0	0	7
Monongalia	1	11	3	0	0	15
Monroe	0	2	3	0	0	5
Morgan	0	3	0	0	0	3
Nicholas	0	2	2	1	0	5
Ohio	0	3	0	0	0	3
Pendleton	0	5	2	0	0	7
Pleasants	0	1	0	0	0	1
Pocahontas	0	4	1	0	0	5
Preston	0	8	0	0	0	8
Putnam	0	6	1	0	0	7
Raleigh	1	11	4	1	0	17
Randolph	0	5	0	0	0	5
Ritchie	0	1	0	0	0	1
Roane	1	2	1	1	0	5
Summers	0	1	2	0	0	3
Taylor	0	2	1	0	0	3
Tucker	0	3	0	0	0	3
Tyler	0	1	0	0	0	1
Upshur	0	1	1	0	0	2
Wayne	0	1	1	0	0	2
Webster	0	3	0	0	0	3
Wetzel	0	3	0	0	0	3
Wirt	0	2	0	0	0	2
Wood	1	5	2	0	0	8
Wyoming	0	2	2	0	0	4
Total	11	220	89	5	2	327

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Motor Vehicle Accident Deaths by County
Transportation Role of Decedent at the Time of Injury
West Virginia Residents, 2020
Table 72

County	Role of Decedent at the Time of Injury				Unknown / Not Reported	Total
	Driver / Operator	Passenger	Pedestrian	Other Roles		
Barbour	4	0	0	0	0	4
Berkeley	14	3	2	0	5	24
Boone	1	0	0	0	0	1
Braxton	1	0	0	0	0	1
Brooke	1	0	0	0	0	1
Cabell	0	2	0	0	2	4
Calhoun	0	0	0	0	0	0
Clay	5	1	0	0	0	6
Doddridge	1	0	0	0	0	1
Fayette	3	1	1	0	0	5
Gilmer	3	0	0	0	0	3
Grant	3	1	0	0	1	5
Greenbrier	2	0	2	0	1	5
Hampshire	7	3	0	0	3	13
Hancock	3	0	0	0	0	3
Hardy	4	1	0	0	0	5
Harrison	7	1	0	0	1	9
Jackson	8	1	0	0	1	10
Jefferson	10	1	1	0	3	15
Kanawha	13	4	3	0	2	22
Lewis	1	0	0	0	0	1
Lincoln	3	1	0	0	1	5
Logan	5	0	1	0	0	6
McDowell	3	1	1	0	0	5
Marion	4	0	0	0	0	4
Marshall	1	0	0	0	0	1
Mason	3	0	0	0	1	4
Mercer	7	1	0	0	1	9
Mineral	1	2	0	0	0	3
Mingo	2	2	0	0	0	4
Monongalia	6	1	3	0	0	10
Monroe	0	1	0	0	1	2
Morgan	2	0	1	0	1	4
Nicholas	7	0	0	0	2	9
Ohio	2	1	1	0	0	4
Pendleton	0	0	0	0	0	0
Pleasants	1	0	0	0	1	2
Pocahontas	0	1	0	0	1	2
Preston	4	1	0	0	2	7
Putnam	4	1	1	0	1	7
Raleigh	9	0	0	0	0	9
Randolph	7	1	0	0	1	9
Ritchie	1	0	0	0	0	1
Roane	2	1	0	0	0	3
Summers	4	0	0	0	0	4
Taylor	3	0	0	0	0	3
Tucker	1	0	0	0	0	1
Tyler	1	0	0	0	0	1
Upshur	6	1	0	0	0	7
Wayne	11	1	1	0	0	13
Webster	2	0	0	0	3	5
Wetzel	2	1	0	0	1	4
Wirt	3	0	0	0	0	3
Wood	7	2	1	0	0	10
Wyoming	3	0	0	0	0	3
Total	208	39	19	0	36	302

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Number and Rate of Resident Infant Deaths by County
West Virginia, 2016-2020
Table 73

County	2016		2017		2018		2019		2020	
	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*
Barbour	2	11.7	1	6.1	1	6.4	0	0.0	2	12.5
Berkeley	6	4.3	9	6.6	11	7.4	8	5.6	14	9.2
Boone	2	8.3	6	24.5	1	5.0	3	14.6	2	9.3
Braxton	2	17.4	0	0.0	1	8.4	1	8.6	0	0.0
Brooke	1	5.3	3	14.5	2	10.6	3	16.9	0	0.0
Cabell	16	15.4	7	6.8	13	12.9	7	6.9	9	9.4
Calhoun	0	0.0	3	56.6	0	0.0	1	17.9	0	0.0
Clay	0	0.0	1	10.9	1	10.6	2	21.1	1	11.1
Doddridge	0	0.0	0	0.0	0	0.0	3	46.2	0	0.0
Fayette	7	15.5	1	2.3	5	11.9	1	2.3	4	10.2
Gilmer	0	0.0	0	0.0	0	0.0	1	16.7	0	0.0
Grant	1	8.8	0	0.0	0	0.0	0	0.0	1	8.5
Greenbrier	3	8.7	1	2.7	2	6.5	0	0.0	4	12.9
Hampshire	1	5.3	0	0.0	5	21.7	0	0.0	2	8.6
Hancock	0	0.0	1	3.9	1	4.0	2	7.8	3	14.2
Hardy	1	5.9	3	19.0	0	0.0	0	0.0	1	6.5
Harrison	5	6.8	6	8.4	3	4.2	2	2.9	3	4.5
Jackson	2	6.5	1	3.5	2	6.4	1	3.4	3	10.0
Jefferson	1	1.9	2	3.3	2	3.8	1	1.8	3	5.0
Kanawha	14	7.1	17	8.8	15	8.1	17	9.7	15	8.8
Lewis	1	5.3	7	45.8	4	22.7	2	11.2	1	5.7
Lincoln	1	4.1	2	9.0	1	4.4	2	10.0	0	0.0
Logan	3	8.4	3	8.2	4	11.9	2	5.6	4	13.8
McDowell	2	9.0	3	16.0	2	11.1	0	0.0	0	0.0
Marion	4	6.1	5	8.1	3	5.2	2	3.3	2	3.6
Marshall	3	9.8	1	3.4	0	0.0	5	17.7	2	7.0
Mason	1	4.1	8	28.8	2	7.4	1	4.3	0	0.0
Mercer	2	3.0	9	12.7	4	6.1	9	15.4	7	11.5
Mineral	2	7.2	1	3.8	0	0.0	0	0.0	3	12.0
Mingo	1	3.7	2	6.2	1	3.6	1	3.6	2	7.1
Monongalia	10	8.9	5	4.5	13	12.8	4	3.8	2	2.1
Monroe	0	0.0	0	0.0	0	0.0	1	9.8	1	7.5
Morgan	2	13.8	1	6.5	1	7.9	2	12.9	0	0.0
Nicholas	2	7.5	1	3.8	0	0.0	2	9.3	2	9.3
Ohio	3	7.2	3	7.4	3	7.4	0	0.0	1	2.6
Pendleton	0	0.0	0	0.0	1	17.9	0	0.0	0	0.0
Pleasants	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Pocahontas	0	0.0	1	13.3	0	0.0	0	0.0	0	0.0
Preston	5	14.8	1	3.1	1	3.0	0	0.0	1	3.6
Putnam	1	1.8	0	0.0	2	3.9	4	7.2	3	5.8
Raleigh	6	7.2	4	5.3	7	8.8	3	4.0	7	10.2
Randolph	2	7.0	1	3.2	1	3.8	2	6.9	5	19.3
Ritchie	0	0.0	0	0.0	0	0.0	0	0.0	1	12.5
Roane	2	15.4	0	0.0	0	0.0	3	20.8	2	14.6
Summers	0	0.0	0	0.0	0	0.0	1	9.5	1	9.8
Taylor	5	29.1	0	0.0	0	0.0	0	0.0	1	6.7
Tucker	1	13.5	1	15.6	1	17.9	0	0.0	0	0.0
Tyler	1	10.5	0	0.0	0	0.0	0	0.0	0	0.0
Upshur	1	3.4	3	12.9	3	12.0	0	0.0	1	4.6
Wayne	4	9.3	3	8.0	1	2.7	4	10.2	7	19.0
Webster	1	11.4	0	0.0	0	0.0	1	14.5	0	0.0
Wetzel	0	0.0	2	13.2	0	0.0	1	5.5	1	7.2
Wirt	0	0.0	0	0.0	0	0.0	1	15.4	1	17.9
Wood	8	8.5	4	4.4	6	6.6	6	7.2	4	5.1
Wyoming	1	5.1	0	0.0	2	10.8	0	0.0	2	11.0
Total	139	7.3	133	7.1	128	7.0	112	6.2	131	7.6

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*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, 2016-2020
Table 74

County	2016		2017		2018		2019		2020	
	Number	Ratio*	Number	Ratio*	Number	Ratio*	Number	Ratio*	Number	Ratio*
Barbour	0	0.0	2	12.1	0	0.0	0	0.0	2	12.5
Berkeley	8	5.7	10	7.3	7	4.7	10	7.0	6	4.0
Boone	3	12.4	0	0.0	0	0.0	1	4.9	1	4.6
Braxton	1	8.7	0	0.0	0	0.0	1	8.6	0	0.0
Brooke	0	0.0	2	9.7	0	0.0	1	5.6	0	0.0
Cabell	9	8.7	4	3.9	7	6.9	2	2.0	2	2.1
Calhoun	0	0.0	0	0.0	2	37.7	0	0.0	0	0.0
Clay	0	0.0	0	0.0	0	0.0	0	0.0	1	11.1
Doddridge	1	14.7	0	0.0	0	0.0	0	0.0	0	0.0
Fayette	3	6.6	6	14.0	4	9.5	1	2.3	5	12.7
Gilmer	1	14.7	0	0.0	0	0.0	0	0.0	3	50.0
Grant	0	0.0	1	7.5	2	17.4	0	0.0	1	8.5
Greenbrier	1	2.9	6	16.3	4	13.0	4	11.6	0	0.0
Hampshire	0	0.0	2	9.3	2	8.7	3	12.7	0	0.0
Hancock	2	9.2	2	7.9	3	12.1	1	3.9	2	9.4
Hardy	1	5.9	0	0.0	0	0.0	1	7.1	0	0.0
Harrison	5	6.8	3	4.2	0	0.0	3	4.3	3	4.5
Jackson	0	0.0	0	0.0	3	9.6	2	6.8	0	0.0
Jefferson	3	5.6	2	3.3	1	1.9	9	16.4	2	3.4
Kanawha	13	6.6	9	4.7	11	5.9	5	2.9	14	8.2
Lewis	0	0.0	1	6.5	1	5.7	3	16.9	0	0.0
Lincoln	0	0.0	1	4.5	0	0.0	2	10.0	2	10.4
Logan	0	0.0	0	0.0	3	8.9	2	5.6	1	3.5
McDowell	0	0.0	2	10.7	1	5.6	1	5.6	0	0.0
Marion	0	0.0	6	9.7	5	8.7	0	0.0	1	1.8
Marshall	2	6.5	0	0.0	4	14.3	1	3.5	0	0.0
Mason	0	0.0	1	3.6	2	7.4	1	4.3	1	3.7
Mercer	5	7.6	7	9.9	4	6.1	5	8.6	4	6.6
Mineral	2	7.2	1	3.8	2	8.0	2	8.2	0	0.0
Mingo	1	3.7	1	3.1	1	3.6	2	7.2	2	7.1
Monongalia	4	3.6	2	1.8	3	3.0	2	1.9	1	1.1
Monroe	1	7.6	0	0.0	1	7.9	1	9.8	0	0.0
Morgan	0	0.0	1	6.5	0	0.0	1	6.5	0	0.0
Nicholas	1	3.7	2	7.6	1	4.3	1	4.7	0	0.0
Ohio	3	7.2	1	2.5	0	0.0	0	0.0	1	2.6
Pendleton	1	13.3	1	15.9	1	17.9	2	23.0	1	20.4
Pleasants	0	0.0	2	28.2	1	13.3	0	0.0	0	0.0
Pocahontas	1	11.0	2	26.7	2	26.7	0	0.0	3	39.5
Preston	4	11.9	1	3.1	2	6.0	3	8.5	1	3.6
Putnam	1	1.8	0	0.0	2	3.9	2	3.6	3	5.8
Raleigh	5	6.0	7	9.2	4	5.0	2	2.7	7	10.2
Randolph	0	0.0	3	9.5	2	7.7	0	0.0	0	0.0
Ritchie	0	0.0	0	0.0	0	0.0	0	0.0	1	12.5
Roane	0	0.0	0	0.0	1	7.5	0	0.0	2	14.6
Summers	0	0.0	1	9.8	1	9.9	0	0.0	0	0.0
Taylor	1	5.8	1	7.1	2	13.7	0	0.0	1	6.7
Tucker	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tyler	1	10.5	1	13.0	0	0.0	0	0.0	0	0.0
Upshur	1	3.4	2	8.6	2	8.0	1	4.1	3	13.8
Wayne	2	4.7	5	13.3	2	5.3	3	7.6	1	2.7
Webster	0	0.0	2	27.8	0	0.0	0	0.0	0	0.0
Wetzel	1	5.9	0	0.0	0	0.0	1	5.5	1	7.2
Wirt	1	18.2	0	0.0	1	18.2	0	0.0	0	0.0
Wood	5	5.3	2	2.2	3	3.3	1	1.2	4	5.1
Wyoming	2	10.2	2	10.4	3	16.2	3	13.1	0	0.0
Total	96	5.0	107	5.7	103	5.6	86	4.8	83	4.8

West Virginia Bureau for Public Health

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

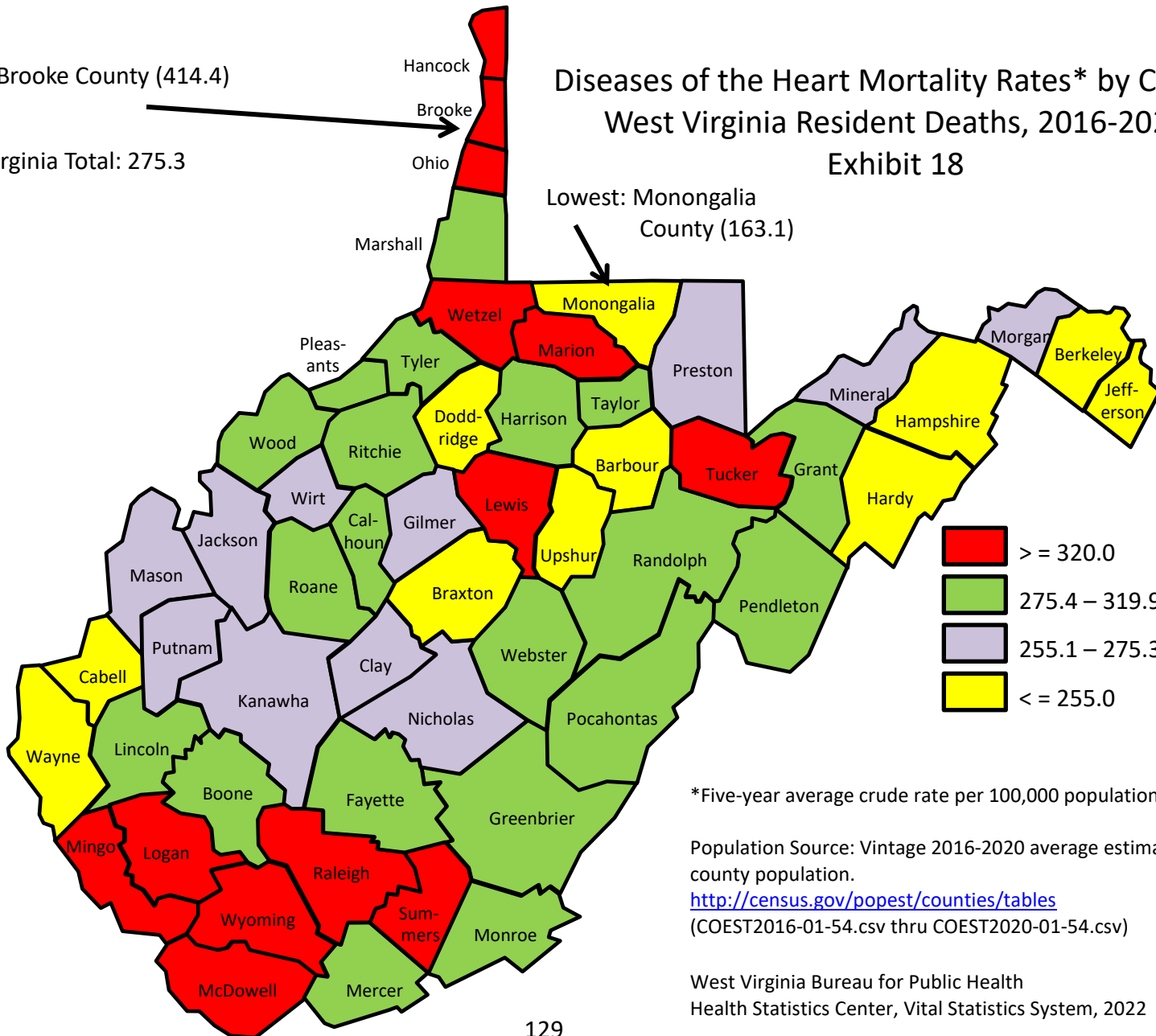
Health Statistics Center, Vital Statistics System, 2022

Highest: Brooke County (414.4)

West Virginia Total: 275.3

Diseases of the Heart Mortality Rates* by County West Virginia Resident Deaths, 2016-2020 Exhibit 18

Lowest: Monongalia County (163.1)



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

Population Source: Vintage 2016-2020 average estimated county population.

<http://census.gov/popest/counties/tables>
(COEST2016-01-54.csv thru COEST2020-01-54.csv)

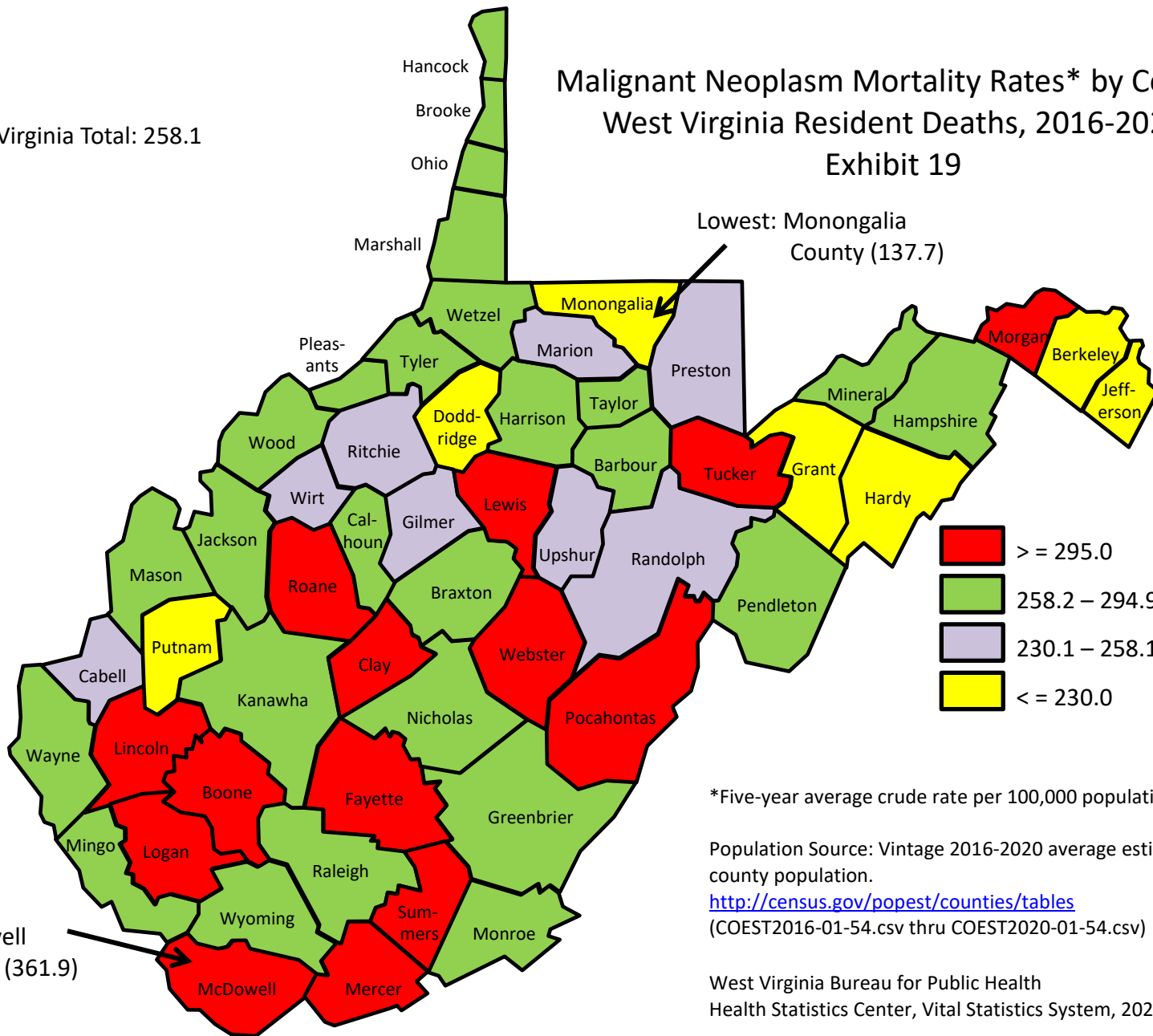
West Virginia Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2022

Malignant Neoplasm Mortality Rates* by County West Virginia Resident Deaths, 2016-2020 Exhibit 19

West Virginia Total: 258.1

Lowest: Monongalia
County (137.7)

Highest: McDowell
County (361.9)



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

Population Source: Vintage 2016-2020 average estimated county population.

<http://census.gov/popest/counties/tables>
(COEST2016-01-54.csv thru COEST2020-01-54.csv)

West Virginia Bureau for Public Health
Health Statistics Center, Vital Statistics System, 2022

Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2020
Table 75

Selected Causes of Death	Number and Rate by County							
	Barbour		Berkeley		Boone		Braxton	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	2	12.5	6	4.0	1	4.6	0	0.0
Total Deaths, All Causes	252	15.3	1,372	11.2	353	16.8	172	12.6
--Deaths Under One Year	2	12.5	14	9.2	2	9.3	0	0.0
--Deaths Under 28 Days	1	6.3	10	6.6	1	4.6	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	6	36.5	14	11.5	6	28.5	2	14.6
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	49	298.0	261	213.7	71	337.2	40	291.9
--of Digestive Organs	17	103.4	64	52.4	17	80.7	8	58.4
----Colon	3	18.2	20	16.4	5	23.7	1	7.3
----Pancreas	5	30.4	13	10.6	3	14.2	2	14.6
--of Respiratory and Intrathoracic Organs	9	54.7	70	57.3	24	114.0	10	73.0
----Trachea, Bronchus and Lung	8	48.6	69	56.5	24	114.0	10	73.0
--of Breast	3	18.2	20	16.4	6	28.5	2	14.6
--of Genitourinary Organs	8	48.6	39	31.9	10	47.5	6	43.8
----Cervix Uteri	0	0.0	1	0.8	0	0.0	1	7.3
----Ovary	0	0.0	3	2.5	1	4.7	2	14.6
----Prostate	1	6.1	14	11.5	3	14.2	2	14.6
----Bladder	2	12.2	9	7.4	2	9.5	0	0.0
--All Other (Malignant Neoplasms)	12	73.0	68	55.7	14	66.5	14	102.2
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	3	18.2	10	8.2	3	14.2	2	14.6
Diabetes Mellitus	5	30.4	57	46.7	15	71.2	9	65.7
Dementia	7	42.6	63	51.6	8	38.0	3	21.9
Alzheimer's Disease	11	66.9	29	23.7	8	38.0	12	87.6
Major Cardiovascular Disease	63	383.1	293	239.9	86	408.5	53	386.8
--Diseases of the Heart	46	279.7	217	177.7	71	337.2	41	299.2
----Ischemic Heart Disease	26	158.1	122	99.9	45	213.7	25	182.5
--Essential Hypertension and Hypertensive Renal Disease	3	18.2	14	11.5	2	9.5	1	7.3
--Cerebrovascular Diseases (Stroke)	10	60.8	50	40.9	10	47.5	8	58.4
--Arteriosclerosis	2	12.2	1	0.8	0	0.0	1	7.3
--Other Diseases of Arteries, Arterioles and Capillaries	2	12.2	11	9.0	3	14.2	2	14.6
Influenza and Pneumonia	6	36.5	20	16.4	6	28.5	3	21.9
--Influenza	0	0.0	3	2.5	0	0.0	0	0.0
--Pneumonia	6	36.5	17	13.9	6	28.5	3	21.9
Chronic Lower Respiratory Diseases	21	127.7	70	57.3	18	85.5	12	87.6
--Bronchitis, Emphysema and Asthma	1	6.1	7	5.7	0	0.0	1	7.3
Lung Diseases due to External Agents	2	12.2	1	0.8	6	28.5	2	14.6
--Coal Worker's Pneumoconiosis	1	6.1	0	0.0	1	4.7	0	0.0
Chronic Liver Disease and Cirrhosis	4	24.3	26	21.3	9	42.7	1	7.3
Nephritis, Nephrotic Syndrome and Nephrosis	8	48.6	35	28.7	3	14.2	1	7.3
Congenital Malformations	2	12.2	12	9.8	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	4	24.3	30	24.6	3	14.2	0	0.0
COVID-19	12	73.0	64	52.4	14	66.5	2	14.6
Accidents, All Forms	18	109.5	176	144.1	30	142.5	9	65.7
--Motor Vehicle	4	24.3	24	19.7	1	4.7	1	7.3
--Falls	3	18.2	31	25.4	5	23.7	1	7.3
--Drownings	0	0.0	1	0.8	1	4.7	0	0.0
--Smoke, Fires and Flames	0	0.0	1	0.8	0	0.0	0	0.0
--Poisonings	7	42.6	107	87.6	21	99.7	6	43.8
--Other Accidents	4	24.3	12	9.8	2	9.5	1	7.3
Intentional Self-Harm (Suicide)	2	12.2	18	14.7	6	28.5	3	21.9
Assault (Homicide)	0	0.0	0	0.0	2	9.5	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	6	4.9	1	4.7	0	0.0
All Other Causes (Residual)	29	176.4	186	152.3	57	270.7	18	131.4

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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, 2020
Table 75 (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	2	2.1	0	0.0	1	11.1
Total Deaths, All Causes	398	18.4	1,381	15.1	106	15.3	142	17.0
--Deaths Under One Year	0	0.0	9	9.4	0	0.0	1	11.1
--Deaths Under 28 Days	0	0.0	4	4.2	0	0.0	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	3	13.8	16	17.5	0	0.0	0	0.0
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	69	318.4	236	257.7	22	316.8	26	311.7
--of Digestive Organs	23	106.1	75	81.9	8	115.2	9	107.9
----Colon	9	41.5	19	20.7	3	43.2	2	24.0
----Pancreas	6	27.7	28	30.6	3	43.2	2	24.0
--of Respiratory and Intrathoracic Organs	20	92.3	55	60.1	2	28.8	5	59.9
----Trachea, Bronchus and Lung	19	87.7	54	59.0	2	28.8	5	59.9
--of Breast	3	13.8	13	14.2	2	28.8	1	12.0
--of Genitourinary Organs	8	36.9	34	37.1	6	86.4	7	83.9
----Cervix Uteri	0	0.0	1	1.1	0	0.0	1	12.0
----Ovary	2	9.2	6	6.6	0	0.0	2	24.0
----Prostate	1	4.6	8	8.7	3	43.2	2	24.0
----Bladder	2	9.2	5	5.5	0	0.0	1	12.0
--All Other (Malignant Neoplasms)	15	69.2	59	64.4	4	57.6	4	48.0
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	6	6.6	0	0.0	2	24.0
Diabetes Mellitus	13	60.0	73	79.7	6	86.4	7	83.9
Dementia	20	92.3	63	68.8	0	0.0	4	48.0
Alzheimer's Disease	15	69.2	72	78.6	6	86.4	3	36.0
Major Cardiovascular Disease	99	456.8	274	299.2	30	432.0	32	383.6
--Diseases of the Heart	74	341.4	206	224.9	22	316.8	28	335.7
----Ischemic Heart Disease	45	207.6	127	138.7	14	201.6	12	143.9
--Essential Hypertension and Hypertensive Renal Disease	4	18.5	18	19.7	3	43.2	1	12.0
--Cerebrovascular Diseases (Stroke)	20	92.3	41	44.8	5	72.0	3	36.0
--Arteriosclerosis	0	0.0	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	1	4.6	9	9.8	0	0.0	0	0.0
Influenza and Pneumonia	7	32.3	16	17.5	1	14.4	4	48.0
--Influenza	0	0.0	1	1.1	0	0.0	1	12.0
--Pneumonia	7	32.3	15	16.4	1	14.4	3	36.0
Chronic Lower Respiratory Diseases	25	115.3	75	81.9	10	144.0	9	107.9
--Bronchitis, Emphysema and Asthma	2	9.2	1	1.1	2	28.8	0	0.0
Lung Diseases due to External Agents	1	4.6	9	9.8	0	0.0	2	24.0
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	8	36.9	26	28.4	4	57.6	1	12.0
Nephritis, Nephrotic Syndrome and Nephrosis	16	73.8	29	31.7	1	14.4	5	59.9
Congenital Malformations	0	0.0	4	4.4	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	11	50.8	19	20.7	1	14.4	1	12.0
COVID-19	38	175.3	94	102.6	0	0.0	7	83.9
Accidents, All Forms	18	83.0	155	169.2	3	43.2	17	203.8
--Motor Vehicle	1	4.6	4	4.4	0	0.0	6	71.9
--Falls	2	9.2	17	18.6	1	14.4	5	59.9
--Drownings	0	0.0	1	1.1	0	0.0	0	0.0
--Smoke, Fires and Flames	1	4.6	2	2.2	0	0.0	0	0.0
--Poisonings	13	60.0	124	135.4	0	0.0	5	59.9
--Other Accidents	1	4.6	7	7.6	2	28.8	1	12.0
Intentional Self-Harm (Suicide)	5	23.1	18	19.7	1	14.4	5	59.9
Assault (Homicide)	0	0.0	12	13.1	2	28.8	2	24.0
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	4	4.4	1	14.4	0	0.0
All Other Causes (Residual)	50	230.7	180	196.5	18	259.2	15	179.8

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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, 2020
Table 75 (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	5	12.7	3	50.0	1	8.5
Total Deaths, All Causes	91	10.9	694	16.5	98	12.5	173	15.0
--Deaths Under One Year	0	0.0	4	10.2	0	0.0	1	8.5
--Deaths Under 28 Days	0	0.0	3	7.6	0	0.0	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	1	12.0	8	19.0	0	0.0	0	0.0
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	19	227.1	130	309.1	26	332.9	29	252.0
--of Digestive Organs	1	12.0	35	83.2	3	38.4	5	43.4
----Colon	0	0.0	13	30.9	0	0.0	1	8.7
----Pancreas	1	12.0	8	19.0	2	25.6	2	17.4
--of Respiratory and Intrathoracic Organs	5	59.8	44	104.6	11	140.8	9	78.2
----Trachea, Bronchus and Lung	5	59.8	43	102.2	11	140.8	9	78.2
--of Breast	1	12.0	6	14.3	4	51.2	4	34.8
--of Genitourinary Organs	4	47.8	18	42.8	3	38.4	3	26.1
----Cervix Uteri	0	0.0	1	2.4	0	0.0	1	8.7
----Ovary	0	0.0	3	7.1	0	0.0	0	0.0
----Prostate	1	12.0	5	11.9	1	12.8	2	17.4
----Bladder	0	0.0	4	9.5	1	12.8	0	0.0
--All Other (Malignant Neoplasms)	8	95.6	27	64.2	5	64.0	8	69.5
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	2	23.9	41	97.5	6	76.8	3	26.1
Dementia	1	12.0	26	61.8	0	0.0	7	60.8
Alzheimer's Disease	6	71.7	5	11.9	9	115.2	3	26.1
Major Cardiovascular Disease	22	262.9	176	418.4	24	307.3	41	356.2
--Diseases of the Heart	17	203.2	138	328.1	21	268.9	29	252.0
----Ischemic Heart Disease	13	155.4	91	216.3	17	217.6	17	147.7
--Essential Hypertension and Hypertensive Renal Disease	3	35.9	5	11.9	1	12.8	2	17.4
--Cerebrovascular Diseases (Stroke)	2	23.9	30	71.3	2	25.6	6	52.1
--Arteriosclerosis	0	0.0	0	0.0	0	0.0	4	34.8
--Other Diseases of Arteries, Arterioles and Capillaries	0	0.0	3	7.1	0	0.0	0	0.0
Influenza and Pneumonia	1	12.0	16	38.0	1	12.8	6	52.1
--Influenza	0	0.0	2	4.8	0	0.0	1	8.7
--Pneumonia	1	12.0	14	33.3	1	12.8	5	43.4
Chronic Lower Respiratory Diseases	6	71.7	43	102.2	7	89.6	9	78.2
--Bronchitis, Emphysema and Asthma	0	0.0	2	4.8	0	0.0	2	17.4
Lung Diseases due to External Agents	1	12.0	8	19.0	0	0.0	2	17.4
--Coal Worker's Pneumoconiosis	0	0.0	5	11.9	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	11	26.2	1	12.8	1	8.7
Nephritis, Nephrotic Syndrome and Nephrosis	2	23.9	20	47.5	1	12.8	4	34.8
Congenital Malformations	0	0.0	6	14.3	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	2	23.9	5	11.9	1	12.8	12	104.3
COVID-19	2	23.9	39	92.7	1	12.8	23	199.8
Accidents, All Forms	8	95.6	48	114.1	6	76.8	15	130.3
--Motor Vehicle	1	12.0	5	11.9	3	38.4	5	43.4
--Falls	2	23.9	7	16.6	2	25.6	3	26.1
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	1	12.0	1	2.4	0	0.0	0	0.0
--Poisonings	4	47.8	31	73.7	1	12.8	5	43.4
--Other Accidents	0	0.0	4	9.5	0	0.0	2	17.4
Intentional Self-Harm (Suicide)	1	12.0	10	23.8	1	12.8	2	17.4
Assault (Homicide)	1	12.0	1	2.4	0	0.0	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	1	2.4	1	12.8	0	0.0
All Other Causes (Residual)	16	191.2	100	237.7	13	166.4	16	139.0

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Table 75 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Greenbrier		Hampshire		Hancock		Hardy	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	0	0.0	2	9.4	0	0.0
Total Deaths, All Causes	555	16.2	312	13.5	540	18.9	207	15.2
--Deaths Under One Year	4	12.9	2	8.6	3	14.2	1	6.5
--Deaths Under 28 Days	2	6.4	2	8.6	1	4.7	1	6.5
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	7	20.4	3	12.9	5	17.5	3	22.0
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	94	273.9	61	263.0	96	336.0	36	264.1
--of Digestive Organs	20	58.3	16	69.0	29	101.5	9	66.0
----Colon	3	8.7	7	30.2	6	21.0	2	14.7
----Pancreas	4	11.7	3	12.9	7	24.5	0	0.0
--of Respiratory and Intrathoracic Organs	30	87.4	14	60.4	33	115.5	10	73.4
----Trachea, Bronchus and Lung	27	78.7	13	56.1	33	115.5	10	73.4
--of Breast	8	23.3	4	17.2	0	0.0	4	29.3
--of Genitourinary Organs	11	32.1	8	34.5	15	52.5	7	51.3
----Cervix Uteri	0	0.0	0	0.0	0	0.0	0	0.0
----Ovary	0	0.0	0	0.0	4	14.0	1	7.3
----Prostate	5	14.6	3	12.9	2	7.0	2	14.7
----Bladder	2	5.8	1	4.3	2	7.0	1	7.3
--All Other (Malignant Neoplasms)	25	72.8	19	81.9	19	66.5	6	44.0
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	4	11.7	4	17.2	2	7.0	1	7.3
Diabetes Mellitus	14	40.8	12	51.7	18	63.0	7	51.3
Dementia	25	72.8	11	47.4	28	98.0	8	58.7
Alzheimer's Disease	17	49.5	9	38.8	19	66.5	1	7.3
Major Cardiovascular Disease	132	384.6	81	349.3	143	500.5	54	396.1
--Diseases of the Heart	96	279.7	64	276.0	118	413.0	43	315.4
----Ischemic Heart Disease	59	171.9	36	155.2	83	290.5	24	176.0
--Essential Hypertension and Hypertensive Renal Disease	9	26.2	6	25.9	2	7.0	1	7.3
--Cerebrovascular Diseases (Stroke)	23	67.0	10	43.1	20	70.0	9	66.0
--Arteriosclerosis	0	0.0	0	0.0	2	7.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	4	11.7	1	4.3	1	3.5	1	7.3
Influenza and Pneumonia	8	23.3	2	8.6	13	45.5	4	29.3
--Influenza	2	5.8	0	0.0	1	3.5	0	0.0
--Pneumonia	6	17.5	2	8.6	12	42.0	4	29.3
Chronic Lower Respiratory Diseases	33	96.2	19	81.9	25	87.5	5	36.7
--Bronchitis, Emphysema and Asthma	0	0.0	0	0.0	2	7.0	0	0.0
Lung Diseases due to External Agents	6	17.5	3	12.9	2	7.0	2	14.7
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	17	49.5	3	12.9	7	24.5	5	36.7
Nephritis, Nephrotic Syndrome and Nephrosis	9	26.2	1	4.3	14	49.0	3	22.0
Congenital Malformations	0	0.0	2	8.6	2	7.0	0	0.0
Ill-Defined and Unknown Causes of Death	21	61.2	3	12.9	11	38.5	20	146.7
COVID-19	41	119.5	22	94.9	63	220.5	8	58.7
Accidents, All Forms	41	119.5	39	168.2	38	133.0	17	124.7
--Motor Vehicle	5	14.6	13	56.1	3	10.5	5	36.7
--Falls	13	37.9	6	25.9	12	42.0	4	29.3
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	1	2.9	0	0.0	0	0.0	0	0.0
--Poisonings	19	55.4	17	73.3	18	63.0	8	58.7
--Other Accidents	3	8.7	3	12.9	5	17.5	0	0.0
Intentional Self-Harm (Suicide)	8	23.3	2	8.6	3	10.5	7	51.3
Assault (Homicide)	3	8.7	0	0.0	2	7.0	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	1	2.9	0	0.0	0	0.0	1	7.3
All Other Causes (Residual)	74	215.6	35	150.9	49	171.5	25	183.4

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Table 75 (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	3	4.5	0	0.0	2	3.4	14	8.2
Total Deaths, All Causes	866	13.0	397	14.0	614	10.7	2,948	16.7
--Deaths Under One Year	3	4.5	3	10.0	3	5.0	15	8.8
--Deaths Under 28 Days	1	1.5	2	6.7	2	3.4	12	7.1
Tuberculosis	1	1.5	0	0.0	0	0.0	0	0.0
Septicemia	6	9.0	5	17.6	8	13.9	43	24.4
Human Immunodeficiency Virus Infection	1	1.5	0	0.0	0	0.0	2	1.1
Malignant Neoplasms	180	269.2	60	210.9	132	229.6	494	280.3
--of Digestive Organs	38	56.8	18	63.3	30	52.2	120	68.1
----Colon	7	10.5	2	7.0	7	12.2	33	18.7
----Pancreas	7	10.5	5	17.6	2	3.5	36	20.4
--of Respiratory and Intrathoracic Organs	52	77.8	16	56.2	40	69.6	150	85.1
----Trachea, Bronchus and Lung	50	74.8	15	52.7	37	64.4	146	82.8
--of Breast	11	16.4	3	10.5	4	7.0	23	13.0
--of Genitourinary Organs	25	37.4	15	52.7	16	27.8	92	52.2
----Cervix Uteri	1	1.5	1	3.5	0	0.0	4	2.3
----Ovary	3	4.5	3	10.5	4	7.0	15	8.5
----Prostate	6	9.0	3	10.5	3	5.2	35	19.9
----Bladder	9	13.5	4	14.1	4	7.0	16	9.1
--All Other (Malignant Neoplasms)	54	80.8	8	28.1	42	73.1	109	61.8
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	8	12.0	7	24.6	4	7.0	30	17.0
Diabetes Mellitus	23	34.4	19	66.8	15	26.1	146	82.8
Dementia	24	35.9	14	49.2	28	48.7	129	73.2
Alzheimer's Disease	31	46.4	27	94.9	15	26.1	156	88.5
Major Cardiovascular Disease	231	345.4	97	340.9	152	264.4	663	376.2
--Diseases of the Heart	167	249.7	69	242.5	118	205.3	502	284.8
----Ischemic Heart Disease	118	176.5	44	154.6	66	114.8	295	167.4
--Essential Hypertension and Hypertensive Renal Disease	8	12.0	8	28.1	6	10.4	31	17.6
--Cerebrovascular Diseases (Stroke)	23	34.4	19	66.8	25	43.5	111	63.0
--Arteriosclerosis	30	44.9	0	0.0	1	1.7	1	0.6
--Other Diseases of Arteries, Arterioles and Capillaries	3	4.5	1	3.5	2	3.5	17	9.6
Influenza and Pneumonia	12	17.9	4	14.1	10	17.4	54	30.6
--Influenza	2	3.0	1	3.5	1	1.7	9	5.1
--Pneumonia	10	15.0	3	10.5	9	15.7	45	25.5
Chronic Lower Respiratory Diseases	70	104.7	24	84.3	32	55.7	161	91.3
--Bronchitis, Emphysema and Asthma	3	4.5	0	0.0	3	5.2	9	5.1
Lung Diseases due to External Agents	6	9.0	1	3.5	2	3.5	21	11.9
--Coal Worker's Pneumoconiosis	0	0.0	1	3.5	0	0.0	3	1.7
Chronic Liver Disease and Cirrhosis	11	16.4	5	17.6	9	15.7	41	23.3
Nephritis, Nephrotic Syndrome and Nephrosis	17	25.4	7	24.6	14	24.4	48	27.2
Congenital Malformations	0	0.0	1	3.5	2	3.5	9	5.1
Ill-Defined and Unknown Causes of Death	8	12.0	2	7.0	2	3.5	31	17.6
COVID-19	27	40.4	28	98.4	36	62.6	189	107.2
Accidents, All Forms	71	106.2	24	84.3	60	104.4	280	158.9
--Motor Vehicle	9	13.5	10	35.1	15	26.1	22	12.5
--Falls	12	17.9	3	10.5	8	13.9	59	33.5
--Drownings	1	1.5	1	3.5	1	1.7	1	0.6
--Smoke, Fires and Flames	3	4.5	0	0.0	0	0.0	1	0.6
--Poisonings	41	61.3	8	28.1	32	55.7	182	103.3
--Other Accidents	5	7.5	2	7.0	4	7.0	15	8.5
Intentional Self-Harm (Suicide)	12	17.9	7	24.6	13	22.6	30	17.0
Assault (Homicide)	5	7.5	1	3.5	4	7.0	22	12.5
Injury Undetermined Whether Accidental or Purposely Inflicted	2	3.0	0	0.0	1	1.7	9	5.1
All Other Causes (Residual)	120	179.5	64	224.9	75	130.5	390	221.3

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Table 75 (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	0	0.0	2	10.4	1	3.5	0	0.0
Total Deaths, All Causes	268	17.0	323	16.1	603	19.0	366	21.6
--Deaths Under One Year	1	5.7	0	0.0	4	13.8	0	0.0
--Deaths Under 28 Days	1	5.7	0	0.0	3	10.4	0	0.0
Tuberculosis	0	0.0	0	0.0	1	3.2	0	0.0
Septicemia	3	19.0	8	39.9	15	47.3	4	23.6
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	1	3.2	0	0.0
Malignant Neoplasms	58	367.0	80	399.1	84	265.1	60	354.7
--of Digestive Organs	8	50.6	23	114.8	21	66.3	16	94.6
----Colon	2	12.7	9	44.9	10	31.6	3	17.7
----Pancreas	1	6.3	4	20.0	4	12.6	6	35.5
--of Respiratory and Intrathoracic Organs	28	177.2	26	129.7	26	82.0	18	106.4
----Trachea, Bronchus and Lung	28	177.2	25	124.7	25	78.9	18	106.4
--of Breast	3	19.0	1	5.0	1	3.2	3	17.7
--of Genitourinary Organs	5	31.6	13	64.9	10	31.6	6	35.5
----Cervix Uteri	0	0.0	2	10.0	0	0.0	1	5.9
----Ovary	0	0.0	3	15.0	0	0.0	1	5.9
----Prostate	1	6.3	3	15.0	3	9.5	0	0.0
----Bladder	1	6.3	2	10.0	2	6.3	0	0.0
--All Other (Malignant Neoplasms)	14	88.6	17	84.8	26	82.0	17	100.5
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	2	12.7	3	15.0	2	6.3	1	5.9
Diabetes Mellitus	11	69.6	12	59.9	33	104.1	26	153.7
Dementia	7	44.3	8	39.9	11	34.7	11	65.0
Alzheimer's Disease	12	75.9	17	84.8	19	60.0	6	35.5
Major Cardiovascular Disease	81	512.5	76	379.2	135	426.0	87	514.3
--Diseases of the Heart	60	379.6	58	289.4	112	353.4	70	413.8
----Ischemic Heart Disease	39	246.8	33	164.6	83	261.9	41	242.4
--Essential Hypertension and Hypertensive Renal Disease	4	25.3	5	24.9	10	31.6	2	11.8
--Cerebrovascular Diseases (Stroke)	11	69.6	12	59.9	9	28.4	11	65.0
--Arteriosclerosis	3	19.0	0	0.0	0	0.0	1	5.9
--Other Diseases of Arteries, Arterioles and Capillaries	3	19.0	1	5.0	4	12.6	3	17.7
Influenza and Pneumonia	2	12.7	8	39.9	7	22.1	5	29.6
--Influenza	0	0.0	0	0.0	1	3.2	1	5.9
--Pneumonia	2	12.7	8	39.9	6	18.9	4	23.6
Chronic Lower Respiratory Diseases	20	126.5	20	99.8	40	126.2	27	159.6
--Bronchitis, Emphysema and Asthma	1	6.3	1	5.0	2	6.3	1	5.9
Lung Diseases due to External Agents	1	6.3	2	10.0	5	15.8	4	23.6
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	2	6.3	1	5.9
Chronic Liver Disease and Cirrhosis	4	25.3	5	24.9	12	37.9	7	41.4
Nephritis, Nephrotic Syndrome and Nephrosis	6	38.0	7	34.9	12	37.9	10	59.1
Congenital Malformations	1	6.3	2	10.0	1	3.2	1	5.9
Ill-Defined and Unknown Causes of Death	3	19.0	2	10.0	5	15.8	6	35.5
COVID-19	8	50.6	11	54.9	56	176.7	8	47.3
Accidents, All Forms	8	50.6	29	144.7	65	205.1	43	254.2
--Motor Vehicle	1	6.3	5	24.9	6	18.9	5	29.6
--Falls	3	19.0	4	20.0	7	22.1	3	17.7
--Drownings	0	0.0	0	0.0	0	0.0	1	5.9
--Smoke, Fires and Flames	0	0.0	0	0.0	2	6.3	2	11.8
--Poisonings	4	25.3	18	89.8	47	148.3	28	165.5
--Other Accidents	0	0.0	2	10.0	3	9.5	4	23.6
Intentional Self-Harm (Suicide)	8	50.6	5	24.9	9	28.4	6	35.5
Assault (Homicide)	2	12.7	0	0.0	3	9.5	3	17.7
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	0	0.0	0	0.0
All Other Causes (Residual)	31	196.1	28	139.7	87	274.6	51	301.5

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Selected Causes of Resident Deaths: Number and Rate* by County
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Table 75 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Marion		Marshall		Mason		Mercer	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	1.8	0	0.0	1	3.7	4	6.6
Total Deaths, All Causes	739	13.2	462	15.3	398	15.1	1,042	17.9
--Deaths Under One Year	2	3.6	2	7.0	0	0.0	7	11.5
--Deaths Under 28 Days	2	3.6	0	0.0	0	0.0	6	9.9
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	13	23.2	5	16.6	8	30.4	13	22.3
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	137	244.8	92	305.6	88	334.2	182	312.4
--of Digestive Organs	36	64.3	27	89.7	24	91.1	44	75.5
----Colon	11	19.7	10	33.2	7	26.6	11	18.9
----Pancreas	6	10.7	6	19.9	6	22.8	11	18.9
--of Respiratory and Intrathoracic Organs	34	60.8	29	96.3	24	91.1	40	68.7
----Trachea, Bronchus and Lung	34	60.8	29	96.3	23	87.3	39	66.9
--of Breast	5	8.9	5	16.6	5	19.0	10	17.2
--of Genitourinary Organs	19	34.0	13	43.2	10	38.0	28	48.1
----Cervix Uteri	3	5.4	0	0.0	0	0.0	2	3.4
----Ovary	4	7.1	0	0.0	0	0.0	5	8.6
----Prostate	6	10.7	5	16.6	5	19.0	3	5.1
----Bladder	2	3.6	4	13.3	1	3.8	10	17.2
--All Other (Malignant Neoplasms)	43	76.8	18	59.8	25	94.9	60	103.0
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	4	7.1	1	3.3	3	11.4	5	8.6
Diabetes Mellitus	29	51.8	16	53.2	11	41.8	58	99.6
Dementia	36	64.3	20	66.4	5	19.0	42	72.1
Alzheimer's Disease	15	26.8	15	49.8	10	38.0	36	61.8
Major Cardiovascular Disease	226	403.8	115	382.0	95	360.7	259	444.6
--Diseases of the Heart	186	332.4	92	305.6	64	243.0	219	375.9
----Ischemic Heart Disease	140	250.2	53	176.1	43	163.3	104	178.5
--Essential Hypertension and Hypertensive Renal Disease	8	14.3	1	3.3	10	38.0	11	18.9
--Cerebrovascular Diseases (Stroke)	24	42.9	19	63.1	20	75.9	28	48.1
--Arteriosclerosis	4	7.1	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	4	7.1	3	10.0	1	3.8	1	1.7
Influenza and Pneumonia	8	14.3	10	33.2	9	34.2	20	34.3
--Influenza	1	1.8	0	0.0	0	0.0	4	6.9
--Pneumonia	7	12.5	10	33.2	9	34.2	16	27.5
Chronic Lower Respiratory Diseases	47	84.0	25	83.0	29	110.1	63	108.1
--Bronchitis, Emphysema and Asthma	2	3.6	0	0.0	3	11.4	2	3.4
Lung Diseases due to External Agents	4	7.1	2	6.6	3	11.4	7	12.0
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	12	21.4	8	26.6	6	22.8	14	24.0
Nephritis, Nephrotic Syndrome and Nephrosis	23	41.1	11	36.5	9	34.2	28	48.1
Congenital Malformations	2	3.6	0	0.0	1	3.8	2	3.4
Ill-Defined and Unknown Causes of Death	0	0.0	6	19.9	5	19.0	15	25.7
COVID-19	18	32.2	58	192.7	22	83.5	50	85.8
Accidents, All Forms	60	107.2	24	79.7	34	129.1	87	149.3
--Motor Vehicle	4	7.1	1	3.3	4	15.2	9	15.4
--Falls	7	12.5	7	23.3	8	30.4	15	25.7
--Drownings	3	5.4	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	1	1.8	0	0.0	0	0.0	1	1.7
--Poisonings	36	64.3	16	53.2	18	68.4	61	104.7
--Other Accidents	9	16.1	0	0.0	4	15.2	1	1.7
Intentional Self-Harm (Suicide)	11	19.7	5	16.6	4	15.2	10	17.2
Assault (Homicide)	6	10.7	0	0.0	4	15.2	5	8.6
Injury Undetermined Whether Accidental or Purposely Inflicted	1	1.8	1	3.3	0	0.0	2	3.4
All Other Causes (Residual)	87	155.5	48	159.5	52	197.5	144	247.2

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2020
Table 75 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Mineral		Mingo		Monongalia		Monroe	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	2	7.1	1	1.1	0	0.0
Total Deaths, All Causes	404	15.1	411	17.9	818	7.7	217	16.4
--Deaths Under One Year	3	12.0	2	7.1	2	2.1	1	7.5
--Deaths Under 28 Days	1	4.0	2	7.1	1	1.1	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	9	33.7	11	47.9	8	7.5	6	45.4
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	60	224.5	67	291.9	145	135.7	32	241.9
--of Digestive Organs	16	59.9	18	78.4	39	36.5	8	60.5
----Colon	3	11.2	6	26.1	9	8.4	1	7.6
----Pancreas	5	18.7	2	8.7	8	7.5	1	7.6
--of Respiratory and Intrathoracic Organs	14	52.4	25	108.9	32	30.0	13	98.3
----Trachea, Bronchus and Lung	13	48.6	25	108.9	31	29.0	13	98.3
--of Breast	4	15.0	3	13.1	8	7.5	1	7.6
--of Genitourinary Organs	7	26.2	6	26.1	17	15.9	2	15.1
----Cervix Uteri	1	3.7	0	0.0	0	0.0	1	7.6
----Ovary	3	11.2	0	0.0	3	2.8	0	0.0
----Prostate	0	0.0	4	17.4	6	5.6	0	0.0
----Bladder	1	3.7	1	4.4	3	2.8	0	0.0
--All Other (Malignant Neoplasms)	19	71.1	15	65.4	49	45.9	8	60.5
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	2	8.7	3	2.8	1	7.6
Diabetes Mellitus	10	37.4	12	52.3	36	33.7	4	30.2
Dementia	10	37.4	7	30.5	40	37.4	8	60.5
Alzheimer's Disease	7	26.2	14	61.0	36	33.7	4	30.2
Major Cardiovascular Disease	109	407.9	103	448.8	227	212.5	67	506.5
--Diseases of the Heart	87	325.6	81	352.9	175	163.8	53	400.6
----Ischemic Heart Disease	55	205.8	51	222.2	106	99.2	30	226.8
--Essential Hypertension and Hypertensive Renal Disease	5	18.7	4	17.4	15	14.0	3	22.7
--Cerebrovascular Diseases (Stroke)	12	44.9	15	65.4	25	23.4	7	52.9
--Arteriosclerosis	3	11.2	0	0.0	2	1.9	1	7.6
--Other Diseases of Arteries, Arterioles and Capillaries	2	7.5	3	13.1	10	9.4	3	22.7
Influenza and Pneumonia	5	18.7	10	43.6	11	10.3	11	83.2
--Influenza	2	7.5	0	0.0	1	0.9	3	22.7
--Pneumonia	3	11.2	10	43.6	10	9.4	8	60.5
Chronic Lower Respiratory Diseases	21	78.6	39	169.9	44	41.2	15	113.4
--Bronchitis, Emphysema and Asthma	4	15.0	2	8.7	2	1.9	0	0.0
Lung Diseases due to External Agents	2	7.5	4	17.4	10	9.4	0	0.0
--Coal Worker's Pneumoconiosis	0	0.0	3	13.1	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	5	18.7	12	52.3	16	15.0	2	15.1
Nephritis, Nephrotic Syndrome and Nephrosis	10	37.4	10	43.6	17	15.9	6	45.4
Congenital Malformations	0	0.0	2	8.7	1	0.9	0	0.0
Ill-Defined and Unknown Causes of Death	3	11.2	1	4.4	5	4.7	2	15.1
COVID-19	68	254.5	25	108.9	33	30.9	16	120.9
Accidents, All Forms	23	86.1	33	143.8	66	61.8	14	105.8
--Motor Vehicle	3	11.2	4	17.4	10	9.4	2	15.1
--Falls	10	37.4	3	13.1	11	10.3	3	22.7
--Drownings	0	0.0	2	8.7	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	1	7.6
--Poisonings	5	18.7	21	91.5	38	35.6	7	52.9
--Other Accidents	5	18.7	3	13.1	7	6.6	1	7.6
Intentional Self-Harm (Suicide)	5	18.7	4	17.4	13	12.2	2	15.1
Assault (Homicide)	1	3.7	4	17.4	3	2.8	3	22.7
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	1	0.9	0	0.0
All Other Causes (Residual)	56	209.6	51	222.2	103	96.4	24	181.4

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2020
Table 75 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Morgan		Nicholas		Ohio		Pendleton	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	0	0.0	1	2.6	1	20.4
Total Deaths, All Causes	256	14.3	354	14.5	693	16.8	125	18.0
--Deaths Under One Year	0	0.0	2	9.3	1	2.6	0	0.0
--Deaths Under 28 Days	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
Septicemia	1	5.6	4	16.4	5	12.1	2	28.9
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	1	2.4	0	0.0
Malignant Neoplasms	61	341.3	60	246.5	116	281.7	26	375.1
--of Digestive Organs	15	83.9	14	57.5	24	58.3	7	101.0
----Colon	1	5.6	5	20.5	8	19.4	1	14.4
----Pancreas	4	22.4	4	16.4	7	17.0	3	43.3
--of Respiratory and Intrathoracic Organs	22	123.1	18	74.0	36	87.4	4	57.7
----Trachea, Bronchus and Lung	20	111.9	17	69.8	34	82.6	4	57.7
--of Breast	4	22.4	5	20.5	9	21.9	1	14.4
--of Genitourinary Organs	6	33.6	9	37.0	14	34.0	5	72.1
----Cervix Uteri	1	5.6	0	0.0	0	0.0	0	0.0
----Ovary	2	11.2	2	8.2	2	4.9	1	14.4
----Prostate	1	5.6	4	16.4	5	12.1	2	28.9
----Bladder	1	5.6	1	4.1	1	2.4	2	28.9
--All Other (Malignant Neoplasms)	14	78.3	14	57.5	33	80.1	9	129.8
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	4	22.4	2	8.2	2	4.9	2	28.9
Diabetes Mellitus	11	61.5	17	69.8	20	48.6	4	57.7
Dementia	10	56.0	16	65.7	41	99.6	7	101.0
Alzheimer's Disease	12	67.1	10	41.1	18	43.7	5	72.1
Major Cardiovascular Disease	78	436.4	102	419.1	213	517.2	32	461.6
--Diseases of the Heart	54	302.1	68	279.4	164	398.2	21	302.9
----Ischemic Heart Disease	32	179.0	43	176.7	97	235.5	6	86.6
--Essential Hypertension and Hypertensive Renal Disease	1	5.6	8	32.9	13	31.6	7	101.0
--Cerebrovascular Diseases (Stroke)	18	100.7	25	102.7	28	68.0	3	43.3
--Arteriosclerosis	0	0.0	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	5	28.0	1	4.1	8	19.4	1	14.4
Influenza and Pneumonia	3	16.8	7	28.8	19	46.1	0	0.0
--Influenza	0	0.0	1	4.1	3	7.3	0	0.0
--Pneumonia	3	16.8	6	24.7	16	38.9	0	0.0
Chronic Lower Respiratory Diseases	8	44.8	23	94.5	41	99.6	6	86.6
--Bronchitis, Emphysema and Asthma	1	5.6	0	0.0	2	4.9	0	0.0
Lung Diseases due to External Agents	0	0.0	3	12.3	3	7.3	3	43.3
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	3	12.3	8	19.4	2	28.9
Nephritis, Nephrotic Syndrome and Nephrosis	6	33.6	10	41.1	15	36.4	2	28.9
Congenital Malformations	1	5.6	0	0.0	2	4.9	1	14.4
Ill-Defined and Unknown Causes of Death	0	0.0	4	16.4	11	26.7	1	14.4
COVID-19	10	56.0	9	37.0	47	114.1	3	43.3
Accidents, All Forms	20	111.9	28	115.0	50	121.4	7	101.0
--Motor Vehicle	4	22.4	9	37.0	4	9.7	0	0.0
--Falls	3	16.8	7	28.8	7	17.0	4	57.7
--Drownings	0	0.0	0	0.0	1	2.4	1	14.4
--Smoke, Fires and Flames	0	0.0	0	0.0	2	4.9	0	0.0
--Poisonings	11	61.5	10	41.1	32	77.7	1	14.4
--Other Accidents	2	11.2	2	8.2	4	9.7	1	14.4
Intentional Self-Harm (Suicide)	4	22.4	2	8.2	5	12.1	5	72.1
Assault (Homicide)	0	0.0	2	8.2	0	0.0	2	28.9
Injury Undetermined Whether Accidental or Purposely Inflicted	1	5.6	0	0.0	2	4.9	0	0.0
All Other Causes (Residual)	26	145.5	52	213.6	74	179.7	15	216.4

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2020
Table 75 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Pleasants		Pocahontas		Preston		Putnam	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	3	39.5	1	3.6	3	5.8
Total Deaths, All Causes	103	13.8	120	14.7	439	13.2	695	12.3
--Deaths Under One Year	0	0.0	0	0.0	1	3.6	3	5.8
--Deaths Under 28 Days	0	0.0	0	0.0	1	3.6	1	1.9
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	1	13.4	1	12.2	3	9.0	4	7.1
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	23	309.2	23	280.8	82	245.7	125	221.5
--of Digestive Organs	5	67.2	3	36.6	23	68.9	32	56.7
----Colon	1	13.4	1	12.2	7	21.0	7	12.4
----Pancreas	0	0.0	0	0.0	5	15.0	9	15.9
--of Respiratory and Intrathoracic Organs	8	107.6	10	122.1	21	62.9	42	74.4
----Trachea, Bronchus and Lung	8	107.6	8	97.7	21	62.9	40	70.9
--of Breast	1	13.4	1	12.2	5	15.0	8	14.2
--of Genitourinary Organs	3	40.3	1	12.2	16	47.9	19	33.7
----Cervix Uteri	0	0.0	0	0.0	0	0.0	1	1.8
----Ovary	0	0.0	0	0.0	4	12.0	2	3.5
----Prostate	2	26.9	1	12.2	0	0.0	6	10.6
----Bladder	1	13.4	0	0.0	5	15.0	2	3.5
--All Other (Malignant Neoplasms)	6	80.7	8	97.7	17	50.9	24	42.5
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	1	13.4	0	0.0	3	9.0	5	8.9
Diabetes Mellitus	2	26.9	4	48.8	12	35.9	30	53.2
Dementia	1	13.4	1	12.2	19	56.9	27	47.8
Alzheimer's Disease	3	40.3	5	61.1	12	35.9	32	56.7
Major Cardiovascular Disease	37	497.4	34	415.1	118	353.5	174	308.4
--Diseases of the Heart	30	403.3	27	329.7	99	296.6	136	241.0
----Ischemic Heart Disease	23	309.2	18	219.8	61	182.7	89	157.7
--Essential Hypertension and Hypertensive Renal Disease	1	13.4	2	24.4	7	21.0	7	12.4
--Cerebrovascular Diseases (Stroke)	4	53.8	4	48.8	11	33.0	28	49.6
--Arteriosclerosis	0	0.0	0	0.0	1	3.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	2	26.9	1	12.2	0	0.0	3	5.3
Influenza and Pneumonia	0	0.0	1	12.2	5	15.0	12	21.3
--Influenza	0	0.0	0	0.0	2	6.0	2	3.5
--Pneumonia	0	0.0	1	12.2	3	9.0	10	17.7
Chronic Lower Respiratory Diseases	5	67.2	4	48.8	30	89.9	38	67.3
--Bronchitis, Emphysema and Asthma	3	40.3	1	12.2	1	3.0	2	3.5
Lung Diseases due to External Agents	0	0.0	0	0.0	4	12.0	4	7.1
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	1	3.0	0	0.0
Chronic Liver Disease and Cirrhosis	1	13.4	3	36.6	5	15.0	5	8.9
Nephritis, Nephrotic Syndrome and Nephrosis	1	13.4	0	0.0	8	24.0	14	24.8
Congenital Malformations	0	0.0	0	0.0	2	6.0	3	5.3
Ill-Defined and Unknown Causes of Death	0	0.0	1	12.2	5	15.0	13	23.0
COVID-19	3	40.3	7	85.5	36	107.8	54	95.7
Accidents, All Forms	5	67.2	11	134.3	27	80.9	57	101.0
--Motor Vehicle	2	26.9	2	24.4	7	21.0	7	12.4
--Falls	1	13.4	3	36.6	5	15.0	16	28.4
--Drownings	0	0.0	1	12.2	1	3.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	1	3.0	1	1.8
--Poisonings	1	13.4	5	61.1	10	30.0	29	51.4
--Other Accidents	1	13.4	0	0.0	3	9.0	4	7.1
Intentional Self-Harm (Suicide)	2	26.9	4	48.8	10	30.0	12	21.3
Assault (Homicide)	0	0.0	1	12.2	0	0.0	1	1.8
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	2	24.4	2	6.0	0	0.0
All Other Causes (Residual)	18	242.0	18	219.8	56	167.8	85	150.6

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Selected Causes of Resident Deaths: Number and Rate* by County
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Table 75 (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	7	10.2	0	0.0	1	12.5	2	14.6
Total Deaths, All Causes	1,220	16.7	391	13.8	137	14.4	206	15.3
--Deaths Under One Year	7	10.2	5	19.3	1	12.5	2	14.6
--Deaths Under 28 Days	5	7.3	4	15.4	1	12.5	1	7.3
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	24	32.9	3	10.6	3	31.6	3	22.3
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	173	237.2	76	267.7	24	252.7	47	348.6
--of Digestive Organs	54	74.1	20	70.5	7	73.7	9	66.8
----Colon	18	24.7	8	28.2	1	10.5	1	7.4
----Pancreas	16	21.9	6	21.1	2	21.1	2	14.8
--of Respiratory and Intrathoracic Organs	55	75.4	21	74.0	11	115.8	10	74.2
----Trachea, Bronchus and Lung	54	74.1	20	70.5	11	115.8	9	66.8
--of Breast	13	17.8	7	24.7	0	0.0	2	14.8
--of Genitourinary Organs	22	30.2	12	42.3	1	10.5	7	51.9
----Cervix Uteri	1	1.4	0	0.0	0	0.0	0	0.0
----Ovary	3	4.1	2	7.0	0	0.0	1	7.4
----Prostate	5	6.9	4	14.1	0	0.0	3	22.3
----Bladder	4	5.5	4	14.1	1	10.5	1	7.4
--All Other (Malignant Neoplasms)	29	39.8	16	56.4	5	52.6	19	140.9
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	7	9.6	3	10.6	0	0.0	3	22.3
Diabetes Mellitus	41	56.2	13	45.8	8	84.2	14	103.8
Dementia	39	53.5	18	63.4	3	31.6	6	44.5
Alzheimer's Disease	23	31.5	16	56.4	5	52.6	13	96.4
Major Cardiovascular Disease	340	466.3	112	394.5	43	452.7	46	341.2
--Diseases of the Heart	270	370.3	85	299.4	35	368.5	31	229.9
----Ischemic Heart Disease	209	286.6	44	155.0	23	242.1	16	118.7
--Essential Hypertension and Hypertensive Renal Disease	13	17.8	7	24.7	2	21.1	5	37.1
--Cerebrovascular Diseases (Stroke)	50	68.6	18	63.4	6	63.2	8	59.3
--Arteriosclerosis	0	0.0	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	7	9.6	2	7.0	0	0.0	2	14.8
Influenza and Pneumonia	18	24.7	11	38.8	5	52.6	1	7.4
--Influenza	1	1.4	3	10.6	2	21.1	0	0.0
--Pneumonia	17	23.3	8	28.2	3	31.6	1	7.4
Chronic Lower Respiratory Diseases	98	134.4	27	95.1	5	52.6	14	103.8
--Bronchitis, Emphysema and Asthma	4	5.5	0	0.0	0	0.0	1	7.4
Lung Diseases due to External Agents	9	12.3	0	0.0	2	21.1	0	0.0
--Coal Worker's Pneumoconiosis	6	8.2	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	10	13.7	2	7.0	0	0.0	3	22.3
Nephritis, Nephrotic Syndrome and Nephrosis	34	46.6	8	28.2	4	42.1	4	29.7
Congenital Malformations	2	2.7	1	3.5	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	11	15.1	4	14.1	1	10.5	0	0.0
COVID-19	28	38.4	8	28.2	8	84.2	8	59.3
Accidents, All Forms	147	201.6	26	91.6	8	84.2	12	89.0
--Motor Vehicle	9	12.3	9	31.7	1	10.5	3	22.3
--Falls	31	42.5	6	21.1	2	21.1	2	14.8
--Drownings	1	1.4	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	1	1.4	0	0.0	0	0.0	0	0.0
--Poisonings	98	134.4	5	17.6	3	31.6	4	29.7
--Other Accidents	7	9.6	6	21.1	2	21.1	3	22.3
Intentional Self-Harm (Suicide)	16	21.9	10	35.2	1	10.5	3	22.3
Assault (Homicide)	5	6.9	0	0.0	0	0.0	1	7.4
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	0	0.0	0	0.0
All Other Causes (Residual)	195	267.4	53	186.7	17	179.0	28	207.7

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2020
Table 75 (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	6.7	0	0.0	0	0.0
Total Deaths, All Causes	222	17.8	253	15.2	125	18.3	98	11.5
--Deaths Under One Year	1	9.8	1	6.7	0	0.0	0	0.0
--Deaths Under 28 Days	1	9.8	1	6.7	0	0.0	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	4	32.1	2	12.0	2	29.3	1	11.7
Human Immunodeficiency Virus Infection	1	8.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	38	305.4	49	293.4	20	293.4	23	269.5
--of Digestive Organs	11	88.4	12	71.9	4	58.7	4	46.9
----Colon	2	16.1	7	41.9	1	14.7	1	11.7
----Pancreas	1	8.0	2	12.0	2	29.3	0	0.0
--of Respiratory and Intrathoracic Organs	12	96.4	13	77.8	6	88.0	6	70.3
----Trachea, Bronchus and Lung	10	80.4	12	71.9	6	88.0	6	70.3
--of Breast	0	0.0	0	0.0	2	29.3	1	11.7
--of Genitourinary Organs	8	64.3	13	77.8	2	29.3	4	46.9
----Cervix Uteri	0	0.0	1	6.0	0	0.0	0	0.0
----Ovary	1	8.0	3	18.0	1	14.7	0	0.0
----Prostate	4	32.1	3	18.0	1	14.7	1	11.7
----Bladder	0	0.0	3	18.0	0	0.0	2	23.4
--All Other (Malignant Neoplasms)	7	56.3	11	65.9	6	88.0	8	93.8
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	1	6.0	0	0.0	1	11.7
Diabetes Mellitus	5	40.2	14	83.8	5	73.4	3	35.2
Dementia	4	32.1	4	24.0	6	88.0	7	82.0
Alzheimer's Disease	3	24.1	11	65.9	4	58.7	6	70.3
Major Cardiovascular Disease	67	538.4	70	419.2	44	645.5	24	281.3
--Diseases of the Heart	56	450.0	57	341.3	35	513.5	17	199.2
----Ischemic Heart Disease	35	281.3	43	257.5	27	396.1	11	128.9
--Essential Hypertension and Hypertensive Renal Disease	1	8.0	5	29.9	1	14.7	1	11.7
--Cerebrovascular Diseases (Stroke)	8	64.3	6	35.9	7	102.7	5	58.6
--Arteriosclerosis	0	0.0	1	6.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	2	16.1	1	6.0	1	14.7	1	11.7
Influenza and Pneumonia	2	16.1	5	29.9	4	58.7	6	70.3
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	2	16.1	5	29.9	4	58.7	6	70.3
Chronic Lower Respiratory Diseases	22	176.8	18	107.8	6	88.0	2	23.4
--Bronchitis, Emphysema and Asthma	0	0.0	2	12.0	0	0.0	0	0.0
Lung Diseases due to External Agents	4	32.1	1	6.0	0	0.0	1	11.7
--Coal Worker's Pneumoconiosis	3	24.1	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	3	24.1	9	53.9	2	29.3	1	11.7
Nephritis, Nephrotic Syndrome and Nephrosis	4	32.1	5	29.9	2	29.3	2	23.4
Congenital Malformations	0	0.0	0	0.0	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	3	24.1	0	0.0	1	14.7	1	11.7
COVID-19	10	80.4	10	59.9	3	44.0	4	46.9
Accidents, All Forms	25	200.9	16	95.8	6	88.0	3	35.2
--Motor Vehicle	4	32.1	3	18.0	1	14.7	1	11.7
--Falls	2	16.1	4	24.0	3	44.0	0	0.0
--Drownings	1	8.0	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	1	8.0	2	12.0	0	0.0	0	0.0
--Poisonings	17	136.6	7	41.9	2	29.3	2	23.4
--Other Accidents	0	0.0	0	0.0	0	0.0	0	0.0
Intentional Self-Harm (Suicide)	2	16.1	4	24.0	5	73.4	1	11.7
Assault (Homicide)	2	16.1	2	12.0	0	0.0	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	1	8.0	0	0.0	0	0.0	0	0.0
All Other Causes (Residual)	22	176.8	32	191.6	15	220.1	12	140.6

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2020
Table 75 (Cont'd)

Selected Causes of Death	Number and Rate by County							
	Upshur		Wayne		Webster		Wetzel	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	3	13.8	1	2.7	0	0.0	1	7.2
Total Deaths, All Causes	305	12.6	636	16.3	119	14.8	236	15.8
--Deaths Under One Year	1	4.6	7	19.0	0	0.0	1	7.2
--Deaths Under 28 Days	1	4.6	5	13.6	0	0.0	1	7.2
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	5	20.6	14	35.8	0	0.0	7	47.0
Human Immunodeficiency Virus Infection	0	0.0	1	2.6	0	0.0	0	0.0
Malignant Neoplasms	56	231.1	103	263.7	22	273.0	39	261.7
--of Digestive Organs	7	28.9	24	61.5	6	74.5	11	73.8
----Colon	2	8.3	6	15.4	2	24.8	2	13.4
----Pancreas	0	0.0	6	15.4	1	12.4	3	20.1
--of Respiratory and Intrathoracic Organs	20	82.5	33	84.5	5	62.1	14	93.9
----Trachea, Bronchus and Lung	19	78.4	33	84.5	5	62.1	11	73.8
--of Breast	6	24.8	4	10.2	3	37.2	2	13.4
--of Genitourinary Organs	10	41.3	15	38.4	3	37.2	4	26.8
----Cervix Uteri	0	0.0	2	5.1	0	0.0	0	0.0
----Ovary	2	8.3	0	0.0	0	0.0	0	0.0
----Prostate	3	12.4	7	17.9	0	0.0	1	6.7
----Bladder	3	12.4	5	12.8	0	0.0	1	6.7
--All Other (Malignant Neoplasms)	13	53.7	27	69.1	5	62.1	8	53.7
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	2	8.3	4	10.2	3	37.2	0	0.0
Diabetes Mellitus	15	61.9	23	58.9	6	74.5	6	40.3
Dementia	13	53.7	34	87.1	3	37.2	14	93.9
Alzheimer's Disease	8	33.0	31	79.4	3	37.2	6	40.3
Major Cardiovascular Disease	84	346.7	147	376.4	30	372.3	72	483.1
--Diseases of the Heart	63	260.0	112	286.8	24	297.8	52	348.9
----Ischemic Heart Disease	33	136.2	61	156.2	15	186.2	28	187.9
--Essential Hypertension and Hypertensive Renal Disease	2	8.3	9	23.0	3	37.2	1	6.7
--Cerebrovascular Diseases (Stroke)	14	57.8	23	58.9	3	37.2	16	107.4
--Arteriosclerosis	2	8.3	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	3	12.4	3	7.7	0	0.0	3	20.1
Influenza and Pneumonia	8	33.0	6	15.4	2	24.8	5	33.5
--Influenza	2	8.3	0	0.0	0	0.0	1	6.7
--Pneumonia	6	24.8	6	15.4	2	24.8	4	26.8
Chronic Lower Respiratory Diseases	24	99.1	44	112.7	9	111.7	9	60.4
--Bronchitis, Emphysema and Asthma	1	4.1	3	7.7	1	12.4	0	0.0
Lung Diseases due to External Agents	3	12.4	2	5.1	2	24.8	1	6.7
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	4	16.5	9	23.0	4	49.6	4	26.8
Nephritis, Nephrotic Syndrome and Nephrosis	5	20.6	15	38.4	4	49.6	4	26.8
Congenital Malformations	1	4.1	3	7.7	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	4	16.5	3	7.7	0	0.0	4	26.8
COVID-19	7	28.9	29	74.3	0	0.0	14	93.9
Accidents, All Forms	24	99.1	82	210.0	11	136.5	18	120.8
--Motor Vehicle	7	28.9	13	33.3	5	62.1	4	26.8
--Falls	6	24.8	11	28.2	2	24.8	5	33.5
--Drownings	0	0.0	1	2.6	0	0.0	0	0.0
--Smoke, Fires and Flames	1	4.1	1	2.6	0	0.0	1	6.7
--Poisonings	8	33.0	52	133.1	3	37.2	6	40.3
--Other Accidents	2	8.3	4	10.2	1	12.4	2	13.4
Intentional Self-Harm (Suicide)	3	12.4	3	7.7	3	37.2	5	33.5
Assault (Homicide)	1	4.1	2	5.1	0	0.0	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	1	4.1	0	0.0	0	0.0	0	0.0
All Other Causes (Residual)	37	152.7	81	207.4	17	211.0	28	187.9

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Selected Causes of Resident Deaths: Number and Rate* by County
West Virginia, 2020
Table 75 (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	4	5.1	0	0.0	83	4.8
Total Deaths, All Causes	69	12.1	1,205	14.5	379	18.8	26,108	14.6
--Deaths Under One Year	1	17.9	4	5.1	2	11.0	131	7.6
--Deaths Under 28 Days	1	17.9	2	2.5	2	11.0	85	4.9
Tuberculosis	0	0.0	0	0.0	0	0.0	2	0.1
Septicemia	0	0.0	11	13.3	5	24.8	344	19.3
Human Immunodeficiency Virus Infection	0	0.0	1	1.2	0	0.0	10	0.6
Malignant Neoplasms	14	245.4	250	301.4	59	293.2	4,725	264.7
--of Digestive Organs	3	52.6	75	90.4	15	74.5	1,210	67.8
----Colon	0	0.0	19	22.9	8	39.8	334	18.7
----Pancreas	0	0.0	19	22.9	2	9.9	293	16.4
--of Respiratory and Intrathoracic Organs	3	52.6	74	89.2	23	114.3	1,385	77.6
----Trachea, Bronchus and Lung	3	52.6	72	86.8	22	109.3	1,338	75.0
--of Breast	0	0.0	15	18.1	3	14.9	263	14.7
--of Genitourinary Organs	2	35.1	25	30.1	6	29.8	678	38.0
----Cervix Uteri	0	0.0	1	1.2	0	0.0	29	1.6
----Ovary	0	0.0	4	4.8	1	5.0	99	5.5
----Prostate	0	0.0	6	7.2	2	9.9	199	11.1
----Bladder	2	35.1	5	6.0	2	9.9	138	7.7
--All Other (Malignant Neoplasms)	6	105.2	61	73.5	12	59.6	1,189	66.6
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	1	17.5	4	4.8	3	14.9	164	9.2
Diabetes Mellitus	1	17.5	55	66.3	19	94.4	1,077	60.3
Dementia	0	0.0	32	38.6	14	69.6	993	55.6
Alzheimer's Disease	3	52.6	53	63.9	4	19.9	931	52.2
Major Cardiovascular Disease	20	350.6	313	377.4	89	442.3	6,615	370.6
--Diseases of the Heart	16	280.5	261	314.7	74	367.7	5,131	287.5
----Ischemic Heart Disease	11	192.8	166	200.1	57	283.3	3,205	179.6
--Essential Hypertension and Hypertensive Renal Disease	2	35.1	5	6.0	2	9.9	311	17.4
--Cerebrovascular Diseases (Stroke)	1	17.5	36	43.4	8	39.8	950	53.2
--Arteriosclerosis	0	0.0	2	2.4	0	0.0	62	3.5
--Other Diseases of Arteries, Arterioles and Capillaries	1	17.5	9	10.9	5	24.8	160	9.0
Influenza and Pneumonia	2	35.1	20	24.1	5	24.8	447	25.0
--Influenza	0	0.0	3	3.6	0	0.0	57	3.2
--Pneumonia	2	35.1	17	20.5	5	24.8	390	21.9
Chronic Lower Respiratory Diseases	9	157.8	74	89.2	30	149.1	1,610	90.2
--Bronchitis, Emphysema and Asthma	2	35.1	7	8.4	1	5.0	87	4.9
Lung Diseases due to External Agents	1	17.5	7	8.4	3	14.9	174	9.7
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	2	9.9	29	1.6
Chronic Liver Disease and Cirrhosis	0	0.0	12	14.5	6	29.8	389	21.8
Nephritis, Nephrotic Syndrome and Nephrosis	0	0.0	10	12.1	12	59.6	556	31.2
Congenital Malformations	1	17.5	5	6.0	1	5.0	76	4.3
Ill-Defined and Unknown Causes of Death	0	0.0	8	9.6	2	9.9	317	17.8
COVID-19	2	35.1	74	89.2	23	114.3	1,480	82.9
Accidents, All Forms	6	105.2	67	80.8	35	173.9	2,250	126.1
--Motor Vehicle	3	52.6	10	12.1	3	14.9	302	16.9
--Falls	1	17.5	13	15.7	6	29.8	417	23.4
--Drownings	1	17.5	0	0.0	1	5.0	22	1.2
--Smoke, Fires and Flames	0	0.0	1	1.2	2	9.9	32	1.8
--Poisonings	1	17.5	34	41.0	21	104.4	1,310	73.4
--Other Accidents	0	0.0	9	10.9	2	9.9	167	9.4
Intentional Self-Harm (Suicide)	2	35.1	11	13.3	5	24.8	354	19.8
Assault (Homicide)	0	0.0	3	3.6	3	14.9	116	6.5
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	2	2.4	0	0.0	44	2.5
All Other Causes (Residual)	7	122.7	193	232.7	61	303.1	3,434	192.4

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Marriages by County of Occurrence
Male-Female, Same-Sex, and All Marriages
West Virginia, 2020
Table 76

County	Male-Female Marriages	Same-Sex Marriages	All Marriages	County	Male-Female Marriages	Same-Sex Marriages	All Marriages
Barbour	88	3	91	Monongalia	531	16	547
Berkeley	674	18	692	Monroe	42	1	43
Boone	109	3	112	Morgan	119	6	125
Braxton	75	0	75	Nicholas	153	0	153
Brooke	71	0	71	Ohio	253	5	258
Cabell	481	24	505	Pendleton	40	0	40
Calhoun	29	0	29	Pleasants	49	0	49
Clay	40	1	41	Pocahontas	48	2	50
Doddridge	42	0	42	Preston	144	4	148
Fayette	231	3	234	Putnam	356	8	364
Gilmer	33	0	33	Raleigh	494	9	503
Grant	79	2	81	Randolph	165	3	168
Greenbrier	213	3	216	Ritchie	50	0	50
Hampshire	122	2	124	Roane	79	2	81
Hancock	93	3	96	Summers	58	0	58
Hardy	90	1	91	Taylor	66	0	66
Harrison	390	19	409	Tucker	66	1	67
Jackson	156	2	158	Tyler	38	0	38
Jefferson	322	6	328	Upshur	156	2	158
Kanawha	835	32	867	Wayne	222	5	227
Lewis	104	1	105	Webster	46	0	46
Lincoln	128	1	129	Wetzel	85	1	86
Logan	220	5	225	Wirt	37	1	38
McDowell	104	0	104	Wood	482	8	490
Marion	356	16	372	Wyoming	115	4	119
Marshall	143	2	145				
Mason	143	3	146				
Mercer	402	9	411	Total	9,791	239	10,030
Mineral	0	0	0				
Mingo	124	2	126				

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All Marriages by Month of Occurrence
West Virginia by County, 2020
Table 77

County	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Barbour	2	7	4	3	9	10	9	11	11	18	2	5	91
Berkeley	29	36	35	15	58	76	70	74	90	119	44	46	692
Boone	6	5	4	2	4	16	10	17	12	25	4	7	112
Braxton	5	2	3	4	12	5	9	9	8	10	5	3	75
Brooke	3	11	7	1	2	8	6	12	7	9	4	1	71
Cabell	35	40	34	8	28	59	55	51	58	72	27	38	505
Calhoun	0	1	2	1	4	4	2	3	6	3	1	2	29
Clay	2	0	5	3	6	1	5	2	5	5	3	4	41
Doddridge	4	0	2	1	1	4	7	3	3	13	2	2	42
Fayette	13	12	14	12	5	24	17	33	30	43	17	14	234
Gilmer	2	0	1	1	2	4	6	5	3	4	2	3	33
Grant	2	6	5	4	11	4	11	5	9	17	3	4	81
Greenbrier	9	9	13	1	15	29	23	26	25	33	12	21	216
Hampshire	3	2	4	3	5	15	17	16	18	24	12	5	124
Hancock	3	5	6	0	1	13	9	5	18	25	7	4	96
Hardy	6	8	4	1	1	2	8	11	13	22	6	9	91
Harrison	12	23	29	9	19	33	40	53	61	82	24	24	409
Jackson	3	9	7	2	6	9	22	8	24	36	16	16	158
Jefferson	12	19	8	5	9	31	27	43	44	78	27	25	328
Kanawha	40	53	49	23	38	88	93	117	104	166	43	53	867
Lewis	3	9	7	4	5	8	12	8	13	26	8	2	105
Lincoln	7	7	6	9	7	13	13	10	20	20	14	3	129
Logan	13	12	16	18	15	19	25	22	21	31	21	12	225
McDowell	10	8	4	2	7	12	11	13	11	15	5	6	104
Marion	17	25	17	14	25	22	44	39	47	55	28	39	372
Marshall	4	4	13	3	13	9	12	25	18	29	8	7	145
Mason	4	4	6	6	6	18	18	16	17	35	9	7	146
Mercer	25	26	21	7	21	45	51	40	52	59	29	35	411
Mineral	0	0	0	0	0	0	0	0	0	0	0	0	0
Mingo	10	9	7	3	6	17	19	13	14	19	2	7	126
Monongalia	29	23	21	14	28	67	68	80	59	90	28	40	547
Monroe	1	2	3	0	2	6	8	5	2	10	1	3	43
Morgan	2	10	9	2	4	13	10	17	14	24	11	9	125
Nicholas	1	0	0	8	7	19	21	24	17	29	16	11	153
Ohio	9	7	9	3	9	20	29	27	43	56	24	22	258
Pendleton	1	3	1	0	5	4	5	6	5	7	2	1	40
Pleasants	2	2	2	3	4	4	4	7	11	7	2	1	49
Pocahontas	2	3	2	2	3	2	3	7	10	7	4	5	50
Preston	4	7	3	10	5	14	18	23	25	28	6	5	148
Putnam	11	14	9	14	30	33	31	42	40	70	35	35	364
Raleigh	15	27	24	24	34	61	47	61	53	91	34	32	503
Randolph	7	6	9	3	8	11	19	22	30	31	12	10	168
Ritchie	4	2	4	1	4	6	6	5	4	11	1	2	50
Roane	5	2	4	3	5	10	11	9	11	15	3	3	81
Summers	1	2	6	2	3	5	4	8	6	16	4	1	58
Taylor	2	3	1	0	5	10	3	5	13	15	5	4	66
Tucker	3	3	2	6	4	9	8	15	5	7	2	3	67
Tyler	1	0	1	2	1	1	7	5	1	16	0	3	38
Upshur	7	8	6	3	10	13	17	18	18	34	15	9	158
Wayne	6	11	6	12	28	21	21	23	16	43	17	23	227
Webster	1	2	3	1	5	2	4	8	5	9	3	3	46
Wetzel	1	11	4	5	4	4	11	10	13	16	2	5	86
Wirt	1	1	1	3	4	2	8	2	6	6	2	2	38
Wood	16	34	19	10	35	57	63	48	56	94	28	30	490
Wyoming	2	8	2	4	12	22	14	20	14	11	6	4	119
Total	418	543	484	300	600	1,014	1,091	1,187	1,239	1,836	648	670	10,030

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Male-Female Marriages by Month of Occurrence
West Virginia by County, 2020
Table 78

County	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Barbour	2	7	3	3	9	10	8	11	10	18	2	5	88
Berkeley	28	34	34	13	58	75	70	70	89	116	42	45	674
Boone	6	5	4	2	3	15	10	17	12	24	4	7	109
Braxton	5	2	3	4	12	5	9	9	8	10	5	3	75
Brooke	3	11	7	1	2	8	6	12	7	9	4	1	71
Cabell	33	40	31	8	26	56	54	48	56	69	26	34	481
Calhoun	0	1	2	1	4	4	2	3	6	3	1	2	29
Clay	2	0	5	3	6	1	5	2	5	5	2	4	40
Doddridge	4	0	2	1	1	4	7	3	3	13	2	2	42
Fayette	13	12	14	12	5	24	17	32	29	43	16	14	231
Gilmer	2	0	1	1	2	4	6	5	3	4	2	3	33
Grant	2	6	5	4	10	4	10	5	9	17	3	4	79
Greenbrier	9	9	11	1	15	28	23	26	25	33	12	21	213
Hampshire	3	2	4	3	5	15	16	16	18	24	11	5	122
Hancock	3	5	5	0	1	13	9	5	18	23	7	4	93
Hardy	5	8	4	1	1	2	8	11	13	22	6	9	90
Harrison	12	22	29	9	18	31	38	48	60	77	23	23	390
Jackson	3	9	7	2	6	8	22	8	23	36	16	16	156
Jefferson	12	19	8	5	9	31	26	43	43	76	26	24	322
Kanawha	38	51	46	23	36	86	88	116	101	158	40	52	835
Lewis	3	9	7	4	5	8	12	8	13	25	8	2	104
Lincoln	7	7	6	9	7	13	13	10	20	19	14	3	128
Logan	12	12	16	17	15	19	25	21	20	30	21	12	220
McDowell	10	8	4	2	7	12	11	13	11	15	5	6	104
Marion	17	25	17	14	25	21	41	36	45	51	27	37	356
Marshall	3	4	13	2	13	9	12	25	18	29	8	7	143
Mason	4	4	6	6	6	18	18	16	16	34	8	7	143
Mercer	25	25	20	7	19	44	50	40	52	56	29	35	402
Mineral	0	0	0	0	0	0	0	0	0	0	0	0	0
Mingo	10	9	7	3	6	17	19	12	13	19	2	7	124
Monongalia	29	22	19	14	26	65	65	77	59	88	27	40	531
Monroe	1	2	3	0	1	6	8	5	2	10	1	3	42
Morgan	2	10	9	2	4	13	10	16	14	21	9	9	119
Nicholas	1	0	0	8	7	19	21	24	17	29	16	11	153
Ohio	9	7	9	3	9	20	29	24	43	54	24	22	253
Pendleton	1	3	1	0	5	4	5	6	5	7	2	1	40
Pleasants	2	2	2	3	4	4	4	7	11	7	2	1	49
Pocahontas	2	3	2	2	2	2	3	7	10	6	4	5	48
Preston	4	7	3	10	5	13	17	23	24	27	6	5	144
Putnam	11	14	9	14	30	32	29	40	40	68	34	35	356
Raleigh	15	26	24	24	34	61	46	60	50	89	33	32	494
Randolph	7	6	9	3	8	10	19	22	30	31	10	10	165
Ritchie	4	2	4	1	4	6	6	5	4	11	1	2	50
Roane	4	2	4	3	5	10	11	9	10	15	3	3	79
Summers	1	2	6	2	3	5	4	8	6	16	4	1	58
Taylor	2	3	1	0	5	10	3	5	13	15	5	4	66
Tucker	3	3	2	6	4	9	8	15	4	7	2	3	66
Tyler	1	0	1	2	1	1	7	5	1	16	0	3	38
Upshur	7	8	6	3	10	13	17	18	17	33	15	9	156
Wayne	6	11	6	11	27	21	21	23	16	42	15	23	222
Webster	1	2	3	1	5	2	4	8	5	9	3	3	46
Wetzel	1	11	4	5	4	4	11	10	13	15	2	5	85
Wirt	1	1	1	3	4	2	8	2	6	5	2	2	37
Wood	16	33	19	10	35	56	62	48	56	92	27	28	482
Wyoming	2	8	2	4	10	22	13	20	14	10	6	4	115
Total	409	534	470	295	584	995	1,066	1,158	1,216	1,781	625	658	9,791

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Number of Marriages by County
West Virginia, 2016-2020
Table 79

County	2016	2017	2018	2019	2020	County	2016	2017	2018	2019	2020
Barbour	92	114	96	70	91	Monongalia	603	672	615	588	547
Berkeley	647	640	593	597	692	Monroe	74	75	77	73	43
Boone	155	134	147	115	112	Morgan	119	139	100	117	125
Braxton	91	83	86	80	75	Nicholas	176	179	157	144	153
Brooke	113	110	115	109	71	Ohio	281	293	287	271	258
Cabell	752	640	652	665	505	Pendleton	43	47	42	53	40
Calhoun	50	31	40	35	29	Pleasants	56	63	58	42	49
Clay	66	75	62	46	41	Pocahontas	59	58	43	47	50
Doddridge	53	52	45	40	42	Preston	177	171	159	172	148
Fayette	289	300	275	235	234	Putnam	327	339	307	269	364
Gilmer	56	45	48	39	33	Raleigh	471	470	481	527	503
Grant	68	85	72	69	81	Randolph	169	185	174	165	168
Greenbrier	244	226	230	216	216	Ritchie	59	69	52	47	50
Hampshire	90	100	98	108	124	Roane	93	88	88	91	81
Hancock	152	141	116	149	96	Summers	70	82	70	71	58
Hardy	105	81	71	88	91	Taylor	100	86	66	83	66
Harrison	424	445	447	423	409	Tucker	48	47	61	48	67
Jackson	178	167	186	190	158	Tyler	51	44	48	36	38
Jefferson	326	310	344	353	328	Upshur	166	163	181	144	158
Kanawha	1,280	1,189	1,111	1,123	867	Wayne	221	200	178	162	227
Lewis	97	125	126	108	105	Webster	62	64	44	51	46
Lincoln	156	126	93	90	129	Wetzel	86	84	93	81	86
Logan	248	253	268	263	225	Wirt	35	42	32	34	38
McDowell	117	127	105	105	104	Wood	592	549	512	543	490
Marion	371	365	386	374	372	Wyoming	131	162	139	143	119
Marshall	219	196	209	183	145						
Mason	147	148	152	140	146						
Mercer	444	459	489	517	411	Total	11,664	11,464	10,950	10,705	10,030
Mineral	180	156	37	0	0						
Mingo	185	170	187	173	126						

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Note: All marriages regardless of gender.

Divorces and Annulments by County of Occurrence
Male-Female, Same-Sex, and All Divorces and Annulments
West Virginia, 2020
Table 80

County	Male-Female			Same-Sex			All Divorces		
	Divorce	Annulment	Total	Divorces	Annulments	Total	Divorces	Annulments	Total
Barbour	67	0	67	0	0	0	67	0	67
Berkeley	443	0	443	11	0	11	454	0	454
Boone	83	1	84	1	0	1	84	1	85
Braxton	51	0	51	0	0	0	51	0	51
Brooke	68	0	68	0	0	0	68	0	68
Cabell	288	0	288	7	0	7	295	0	295
Calhoun	22	0	22	1	0	1	23	0	23
Clay	38	0	38	0	0	0	38	0	38
Doddridge	24	0	24	0	0	0	24	0	24
Fayette	151	0	151	1	0	1	152	0	152
Gilmer	14	0	14	0	0	0	14	0	14
Grant	21	0	21	0	0	0	21	0	21
Greenbrier	106	0	106	0	0	0	106	0	106
Hampshire	75	0	75	0	0	0	75	0	75
Hancock	64	0	64	1	0	1	65	0	65
Hardy	58	1	59	1	0	1	59	1	60
Harrison	231	1	232	4	0	4	235	1	236
Jackson	76	0	76	4	0	4	80	0	80
Jefferson	175	2	177	1	0	1	176	2	178
Kanawha	524	0	524	10	0	10	534	0	534
Lewis	58	0	58	0	0	0	58	0	58
Lincoln	82	0	82	0	0	0	82	0	82
Logan	107	0	107	2	0	2	109	0	109
McDowell	80	0	80	0	0	0	80	0	80
Marion	1	0	1	0	0	0	1	0	1
Marshall	47	0	47	1	0	1	48	0	48
Mason	76	0	76	5	0	5	81	0	81
Mercer	233	0	233	3	0	3	236	0	236
Mineral	85	0	85	2	0	2	87	0	87
Mingo	107	0	107	0	0	0	107	0	107
Monongalia	204	0	204	5	0	5	209	0	209
Monroe	50	0	50	0	0	0	50	0	50
Morgan	59	0	59	0	0	0	59	0	59
Nicholas	108	0	108	0	0	0	108	0	108
Ohio	71	0	71	1	0	1	72	0	72
Pendleton	32	0	32	0	0	0	32	0	32
Pleasants	21	0	21	1	0	1	22	0	22
Pocahontas	22	0	22	0	0	0	22	0	22
Preston	94	0	94	1	0	1	95	0	95
Putnam	4	0	4	0	0	0	4	0	4
Raleigh	366	0	366	3	0	3	369	0	369
Randolph	1	0	1	0	0	0	1	0	1
Ritchie	19	0	19	0	0	0	19	0	19
Roane	38	0	38	0	0	0	38	0	38
Summers	38	0	38	0	0	0	38	0	38
Taylor	45	0	45	2	0	2	47	0	47
Tucker	15	0	15	0	0	0	15	0	15
Tyler	27	0	27	0	0	0	27	0	27
Upshur	96	0	96	2	0	2	98	0	98
Wayne	146	0	146	1	0	1	147	0	147
Webster	32	0	32	0	0	0	32	0	32
Wetzel	36	0	36	1	0	1	37	0	37
Wirt	21	0	21	0	0	0	21	0	21
Wood	263	0	263	11	0	11	274	0	274
Wyoming	92	1	93	1	0	1	93	1	94
Total	5,355	6	5,361	84	0	84	5,439	6	5,445

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All Divorces and Annulments by Month of Occurrence
West Virginia by County, 2020
Table 81

County	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Barbour	5	0	4	2	6	6	11	7	5	7	5	3	67
Berkeley	40	22	19	0	17	63	53	40	54	41	66	39	454
Boone	5	8	8	4	2	8	8	11	9	10	10	2	85
Braxton	8	6	3	0	4	7	7	0	4	3	6	3	51
Brooke	9	11	4	2	3	2	8	6	10	6	3	4	68
Cabell	27	33	19	7	6	35	28	34	30	30	14	32	295
Calhoun	1	1	2	0	0	3	0	8	4	0	1	3	23
Clay	6	6	3	0	3	2	5	3	4	4	2	0	38
Doddridge	1	2	2	0	0	4	4	3	2	3	1	2	24
Fayette	10	14	11	5	8	14	9	12	16	20	19	14	152
Gilmer	1	5	0	0	0	0	2	1	5	0	0	0	14
Grant	6	3	0	0	0	1	0	6	1	2	2	0	21
Greenbrier	10	7	6	0	4	13	9	13	9	20	4	11	106
Hampshire	8	5	4	0	2	6	13	6	9	8	10	4	75
Hancock	8	7	2	7	2	10	6	5	5	3	1	9	65
Hardy	3	4	9	0	0	7	4	11	6	7	8	1	60
Harrison	16	24	26	0	12	23	21	29	18	25	21	21	236
Jackson	4	11	4	0	0	11	9	11	6	6	7	11	80
Jefferson	19	7	14	2	12	24	11	25	18	12	18	16	178
Kanawha	55	68	30	2	24	41	57	53	31	70	66	37	534
Lewis	6	8	5	0	7	9	2	4	5	4	2	6	58
Lincoln	11	10	6	2	6	8	11	9	6	5	6	2	82
Logan	15	11	12	0	6	12	5	8	19	5	7	9	109
McDowell	8	6	8	4	1	0	8	13	6	14	5	7	80
Marion	0	0	0	0	0	0	1	0	0	0	0	0	1
Marshall	6	0	1	0	0	6	3	7	7	7	5	6	48
Mason	10	9	7	0	6	5	6	9	15	1	8	5	81
Mercer	13	23	33	12	15	25	26	29	21	10	18	11	236
Mineral	6	11	6	3	4	8	4	3	16	7	13	6	87
Mingo	20	11	7	1	2	10	10	11	9	10	8	8	107
Monongalia	23	18	29	2	20	15	22	13	21	20	14	12	209
Monroe	3	9	4	0	0	4	1	6	6	7	4	6	50
Morgan	5	9	5	0	0	3	6	4	10	7	6	4	59
Nicholas	23	16	6	1	1	7	14	11	6	10	11	2	108
Ohio	10	4	4	3	3	5	7	10	13	3	6	4	72
Pendleton	2	5	3	0	0	2	6	4	4	3	2	1	32
Pleasants	1	2	3	0	1	0	4	4	1	2	0	4	22
Pocahontas	3	1	3	0	0	0	3	5	3	2	1	1	22
Preston	9	6	11	2	7	5	15	8	12	3	4	13	95
Putnam	0	3	1	0	0	0	0	0	0	0	0	0	4
Raleigh	33	37	22	10	19	46	23	36	38	38	29	38	369
Randolph	1	0	0	0	0	0	0	0	0	0	0	0	1
Ritchie	3	4	0	0	0	0	0	4	6	1	0	1	19
Roane	4	2	0	0	0	3	1	8	4	12	1	3	38
Summers	4	4	2	0	3	6	6	2	4	1	2	4	38
Taylor	3	3	6	2	4	9	6	6	2	3	2	1	47
Tucker	1	2	2	0	0	3	1	3	1	1	0	1	15
Tyler	3	1	2	0	2	3	3	5	1	1	4	2	27
Upshur	14	7	3	0	11	24	6	6	7	6	5	9	98
Wayne	6	6	20	2	11	15	18	18	19	9	4	19	147
Webster	5	9	2	0	0	2	3	2	3	6	0	0	32
Wetzel	4	2	2	0	5	4	6	4	1	3	2	4	37
Wirt	2	2	2	0	1	1	1	3	4	0	0	5	21
Wood	38	21	34	8	15	23	30	24	16	23	17	25	274
Wyoming	8	9	7	2	7	14	6	5	12	6	9	9	94
Total	545	515	428	85	262	557	529	568	544	507	459	440	5,445

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Male-Female Divorces and Annulments by Month of Occurrence
West Virginia by County, 2020
Table 82

County	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Barbour	5	0	4	2	6	6	11	7	5	7	5	3	67
Berkeley	38	22	19	0	17	62	51	39	53	41	64	37	443
Boone	5	7	8	4	2	8	8	11	9	10	10	2	84
Braxton	8	6	3	0	4	7	7	0	4	3	6	3	51
Brooke	9	11	4	2	3	2	8	6	10	6	3	4	68
Cabell	25	33	19	7	6	34	27	34	30	29	13	31	288
Calhoun	1	1	2	0	0	3	0	8	3	0	1	3	22
Clay	6	6	3	0	3	2	5	3	4	4	2	0	38
Doddridge	1	2	2	0	0	4	4	3	2	3	1	2	24
Fayette	10	14	11	4	8	14	9	12	16	20	19	14	151
Gilmer	1	5	0	0	0	0	2	1	5	0	0	0	14
Grant	6	3	0	0	0	1	0	6	1	2	2	0	21
Greenbrier	10	7	6	0	4	13	9	13	9	20	4	11	106
Hampshire	8	5	4	0	2	6	13	6	9	8	10	4	75
Hancock	8	7	2	7	2	10	5	5	5	3	1	9	64
Hardy	3	3	9	0	0	7	4	11	6	7	8	1	59
Harrison	16	23	24	0	12	23	21	29	17	25	21	21	232
Jackson	4	10	4	0	0	8	9	11	6	6	7	11	76
Jefferson	19	7	14	2	12	24	11	25	18	11	18	16	177
Kanawha	55	67	30	2	22	40	57	51	30	68	66	36	524
Lewis	6	8	5	0	7	9	2	4	5	4	2	6	58
Lincoln	11	10	6	2	6	8	11	9	6	5	6	2	82
Logan	15	11	12	0	6	12	5	7	18	5	7	9	107
McDowell	8	6	8	4	1	0	8	13	6	14	5	7	80
Marion	0	0	0	0	0	0	1	0	0	0	0	0	1
Marshall	6	0	1	0	0	5	3	7	7	7	5	6	47
Mason	9	9	6	0	6	5	6	9	15	0	8	3	76
Mercer	13	23	32	12	15	25	25	28	21	10	18	11	233
Mineral	6	11	6	3	4	8	4	3	14	7	13	6	85
Mingo	20	11	7	1	2	10	10	11	9	10	8	8	107
Monongalia	23	15	29	2	20	15	22	12	20	20	14	12	204
Monroe	3	9	4	0	0	4	1	6	6	7	4	6	50
Morgan	5	9	5	0	0	3	6	4	10	7	6	4	59
Nicholas	23	16	6	1	1	7	14	11	6	10	11	2	108
Ohio	10	4	4	3	3	5	7	10	13	3	6	3	71
Pendleton	2	5	3	0	0	2	6	4	4	3	2	1	32
Pleasants	1	2	3	0	1	0	4	4	1	2	0	3	21
Pocahontas	3	1	3	0	0	0	3	5	3	2	1	1	22
Preston	9	6	10	2	7	5	15	8	12	3	4	13	94
Putnam	0	3	1	0	0	0	0	0	0	0	0	0	4
Raleigh	33	37	22	10	19	46	22	35	37	38	29	38	366
Randolph	1	0	0	0	0	0	0	0	0	0	0	0	1
Ritchie	3	4	0	0	0	0	0	4	6	1	0	1	19
Roane	4	2	0	0	0	3	1	8	4	12	1	3	38
Summers	4	4	2	0	3	6	6	2	4	1	2	4	38
Taylor	2	3	6	2	4	9	5	6	2	3	2	1	45
Tucker	1	2	2	0	0	3	1	3	1	1	0	1	15
Tyler	3	1	2	0	2	3	3	5	1	1	4	2	27
Upshur	14	7	3	0	11	23	6	6	7	6	5	8	96
Wayne	6	6	20	2	10	15	18	18	19	9	4	19	146
Webster	5	9	2	0	0	2	3	2	3	6	0	0	32
Wetzel	4	2	2	0	5	4	6	4	1	3	2	3	36
Wirt	2	2	2	0	1	1	1	3	4	0	0	5	21
Wood	38	20	34	7	13	23	28	21	15	23	17	24	263
Wyoming	7	9	7	2	7	14	6	5	12	6	9	9	93
Total	538	506	423	83	257	549	520	558	534	502	456	429	5,361

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Divorces and Annulments by County of Occurrence
West Virginia, 2016-2020
Table 83

County	2016	2017	2018	2019	2020	County	2016	2017	2018	2019	2020
Barbour	0	43	65	53	67	Monongalia	167	188	243	233	209
Berkeley	398	62	1	430	454	Monroe	45	15	0	46	50
Boone	70	113	112	107	85	Morgan	59	59	71	65	59
Braxton	55	27	33	35	51	Nicholas	125	152	0	119	108
Brooke	85	80	0	60	68	Ohio	110	135	125	80	72
Cabell	384	400	345	296	295	Pendleton	31	20	31	28	32
Calhoun	32	49	28	22	23	Pleasants	26	38	23	30	22
Clay	58	38	34	33	38	Pocahontas	28	22	28	31	22
Doddridge	31	44	41	20	24	Preston	97	138	119	113	95
Fayette	189	187	195	231	152	Putnam	274	187	293	224	4
Gilmer	26	21	19	14	14	Raleigh	405	413	350	367	369
Grant	60	55	52	35	21	Randolph	73	151	56	2	1
Greenbrier	101	69	0	124	106	Ritchie	37	25	51	42	19
Hampshire	96	54	70	95	75	Roane	81	83	69	65	38
Hancock	101	85	95	67	65	Summers	49	55	37	47	38
Hardy	53	82	65	79	60	Taylor	63	46	73	65	47
Harrison	253	237	250	265	236	Tucker	27	27	28	27	15
Jackson	125	110	91	109	80	Tyler	37	38	29	31	27
Jefferson	145	164	180	176	178	Upshur	99	126	95	107	98
Kanawha	761	683	822	694	534	Wayne	197	198	129	148	147
Lewis	74	65	53	81	58	Webster	58	49	54	44	32
Lincoln	114	99	105	66	82	Wetzel	51	42	58	62	37
Logan	166	229	174	145	109	Wirt	19	35	33	26	21
McDowell	97	98	73	82	80	Wood	390	382	329	328	274
Marion	33	63	45	52	1	Wyoming	108	117	81	103	94
Marshall	106	87	105	102	48						
Mason	113	89	93	92	81						
Mercer	374	217	252	307	236	Total	7,038	6,502	5,879	6,535	5,445
Mineral	129	94	76	99	87						
Mingo	153	117	0	131	107						

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Note: All divorces regardless of gender.



West Virginia Vital Statistics
City-Level Data

Number and Rate of Births by City of Residence
West Virginia, 2020
Table 84

50 Most Populated Cities	2020 Population Estimate	Resident Births	Rate per 1,000 Population
Barboursville	4,228	37	8.8
Beckley	15,805	178	11.3
Bluefield	9,505	112	11.8
Bridgeport	8,782	70	8.0
Buckhannon	5,395	35	6.5
Charles Town	6,015	79	13.1
Charleston	45,879	488	10.6
Clarksburg	15,424	165	10.7
Dunbar	6,951	78	11.2
Elkins	6,908	72	10.4
Fairmont	18,370	226	12.3
Fayetteville	2,684	16	6.0
Follansbee	2,669	26	9.7
Grafton	4,968	46	9.3
Granville	3,156	10	3.2
Huntington	44,934	492	10.9
Hurricane	6,389	75	11.7
Kenova	2,943	15	5.1
Keyser	4,863	48	9.9
Kingwood	3,047	29	9.5
Lewisburg	3,766	36	9.6
Madison	2,616	25	9.6
Martinsburg	17,514	270	15.4
Milton	2,523	23	9.1
Morgantown	30,847	174	5.6
Moundsville	8,117	84	10.3
New Martinsville	5,111	48	9.4
Nitro	6,285	60	9.5
Oak Hill	8,028	55	6.9
Parkersburg	29,009	308	10.6
Petersburg	2,683	28	10.4
Philippi	3,239	28	8.6
Pleasant Valley	3,141	22	7.0
Point Pleasant	4,017	62	15.4
Princeton	5,599	72	12.9
Ranson	5,360	63	11.8
Ravenswood	3,616	37	10.2
Ripley	3,139	27	8.6
Saint Albans	9,763	109	11.2
South Charleston	12,036	117	9.7
Summersville	3,225	26	8.1
Vienna	10,028	96	9.6
Weirton	18,068	155	8.6
Wellsburg	2,497	20	8.0
Weston	3,797	44	11.6
Westover	4,220	37	8.8
Wheeling	26,283	219	8.3
Williamson	2,616	30	11.5
Williamstown	2,860	18	6.3
Winfield	2,410	24	10.0

*Census Population for Incorporated Places in WV
Source: Population Division, U.S. Census Bureau - Release Date: July 1, 2021
West Virginia Bureau for Public Health
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Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2020
Table 85

Selected Causes of Death	Number and Rate by City							
	Barboursville		Beckley		Bluefield		Bridgeport	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	2	11.2	0	0.0	0	0.0
Total Deaths, All Causes	63	14.9	309	19.6	165	17.4	90	10.2
--Deaths Under One Year	0	0.0	2	11.2	1	8.9	1	14.3
--Deaths Under 28 Days	0	0.0	1	5.6	1	8.9	1	14.3
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	0	0.0	5	31.6	2	21.0	0	0.0
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	7	165.6	53	335.3	20	210.4	17	193.6
--of Digestive Organs	4	94.6	16	101.2	2	21.0	5	56.9
----Colon	1	23.7	4	25.3	2	21.0	0	0.0
----Pancreas	2	47.3	5	31.6	0	0.0	1	11.4
--of Respiratory and Intrathoracic Organs	1	23.7	15	94.9	6	63.1	3	34.2
----Trachea, Bronchus and Lung	1	23.7	14	88.6	6	63.1	2	22.8
--of Breast	0	0.0	3	19.0	3	31.6	2	22.8
--of Genitourinary Organs	1	23.7	8	50.6	3	31.6	3	34.2
----Cervix Uteri	0	0.0	0	0.0	1	10.5	0	0.0
----Ovary	0	0.0	2	12.7	0	0.0	0	0.0
----Prostate	0	0.0	1	6.3	0	0.0	1	11.4
----Bladder	0	0.0	2	12.7	2	21.0	1	11.4
--All Other (Malignant Neoplasms)	1	23.7	11	69.6	6	63.1	4	45.5
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	0	0.0	1	10.5	0	0.0
Diabetes Mellitus	2	47.3	6	38.0	5	52.6	2	22.8
Dementia	5	118.3	9	56.9	7	73.6	3	34.2
Alzheimer's Disease	3	71.0	8	50.6	4	42.1	4	45.5
Major Cardiovascular Disease	16	378.4	82	518.8	43	452.4	31	353.0
--Diseases of the Heart	12	283.8	69	436.6	36	378.7	23	261.9
----Ischemic Heart Disease	3	71.0	48	303.7	23	242.0	17	193.6
--Essential Hypertension and Hypertensive Renal Disease	1	23.7	4	25.3	2	21.0	0	0.0
--Cerebrovascular Diseases (Stroke)	3	71.0	8	50.6	5	52.6	2	22.8
--Arteriosclerosis	0	0.0	0	0.0	0	0.0	6	68.3
--Other Diseases of Arteries, Arterioles and Capillaries	0	0.0	1	6.3	0	0.0	0	0.0
Influenza and Pneumonia	0	0.0	4	25.3	4	42.1	1	11.4
--Influenza	0	0.0	0	0.0	1	10.5	0	0.0
--Pneumonia	0	0.0	4	25.3	3	31.6	1	11.4
Chronic Lower Respiratory Diseases	4	94.6	30	189.8	14	147.3	9	102.5
--Bronchitis, Emphysema and Asthma	0	0.0	1	6.3	0	0.0	0	0.0
Lung Diseases due to External Agents	0	0.0	2	12.7	0	0.0	1	11.4
--Coal Worker's Pneumoconiosis	0	0.0	2	12.7	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	2	47.3	0	0.0	2	21.0	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis	1	23.7	6	38.0	5	52.6	0	0.0
Congenital Malformations	0	0.0	1	6.3	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	0	0.0	3	19.0	1	10.5	0	0.0
COVID-19	7	165.6	7	44.3	7	73.6	6	68.3
Accidents, All Forms	3	71.0	27	170.8	17	178.9	3	34.2
--Motor Vehicle	0	0.0	0	0.0	2	21.0	0	0.0
--Falls	1	23.7	9	56.9	5	52.6	2	22.8
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	0	0.0
--Poisonings	2	47.3	18	113.9	9	94.7	1	11.4
--Other Accidents	0	0.0	0	0.0	1	10.5	0	0.0
Intentional Self-Harm (Suicide)	1	23.7	3	19.0	3	31.6	1	11.4
Assault (Homicide)	0	0.0	0	0.0	0	0.0	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	0	0.0	0	0.0
All Other Causes (Residual)	12	283.8	63	398.6	30	315.6	12	136.6

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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 City
West Virginia, 2020
Table 85 (Cont'd)

Selected Causes of Death	Number and Rate by City							
	Buckhannon		Charles Town		Charleston		Clarksburg	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	28.6	0	0.0	2	4.1	1	6.1
Total Deaths, All Causes	67	12.4	64	10.6	736	16.0	236	15.3
--Deaths Under One Year	0	0.0	0	0.0	2	4.1	1	6.1
--Deaths Under 28 Days	0	0.0	0	0.0	1	2.0	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	1	18.5	4	66.5	15	32.7	1	6.5
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	1	2.2	0	0.0
Malignant Neoplasms	17	315.1	12	199.5	111	241.9	52	337.1
--of Digestive Organs	2	37.1	5	83.1	26	56.7	11	71.3
----Colon	0	0.0	1	16.6	5	10.9	2	13.0
----Pancreas	0	0.0	1	16.6	9	19.6	1	6.5
--of Respiratory and Intrathoracic Organs	6	111.2	4	66.5	32	69.7	20	129.7
----Trachea, Bronchus and Lung	5	92.7	4	66.5	31	67.6	20	129.7
--of Breast	1	18.5	0	0.0	4	8.7	5	32.4
--of Genitourinary Organs	4	74.1	2	33.3	23	50.1	6	38.9
----Cervix Uteri	0	0.0	0	0.0	1	2.2	0	0.0
----Ovary	1	18.5	0	0.0	1	2.2	1	6.5
----Prostate	0	0.0	0	0.0	9	19.6	0	0.0
----Bladder	2	37.1	2	33.3	4	8.7	3	19.5
--All Other (Malignant Neoplasms)	4	74.1	1	16.6	26	56.7	10	64.8
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	2	37.1	0	0.0	10	21.8	2	13.0
Diabetes Mellitus	3	55.6	4	66.5	34	74.1	6	38.9
Dementia	1	18.5	3	49.9	23	50.1	8	51.9
Alzheimer's Disease	2	37.1	2	33.3	50	109.0	9	58.4
Major Cardiovascular Disease	20	370.7	9	149.6	162	353.1	63	408.5
--Diseases of the Heart	15	278.0	8	133.0	124	270.3	46	298.2
----Ischemic Heart Disease	7	129.7	5	83.1	69	150.4	32	207.5
--Essential Hypertension and Hypertensive Renal Disease	0	0.0	0	0.0	8	17.4	1	6.5
--Cerebrovascular Diseases (Stroke)	2	37.1	1	16.6	26	56.7	6	38.9
--Arteriosclerosis	1	18.5	0	0.0	0	0.0	9	58.4
--Other Diseases of Arteries, Arterioles and Capillaries	2	37.1	0	0.0	4	8.7	1	6.5
Influenza and Pneumonia	0	0.0	3	49.9	8	17.4	4	25.9
--Influenza	0	0.0	0	0.0	1	2.2	0	0.0
--Pneumonia	0	0.0	3	49.9	7	15.3	4	25.9
Chronic Lower Respiratory Diseases	2	37.1	3	49.9	36	78.5	16	103.7
--Bronchitis, Emphysema and Asthma	0	0.0	1	16.6	0	0.0	2	13.0
Lung Diseases due to External Agents	2	37.1	0	0.0	1	2.2	2	13.0
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	1	18.5	1	16.6	12	26.2	2	13.0
Nephritis, Nephrotic Syndrome and Nephrosis	0	0.0	1	16.6	11	24.0	4	25.9
Congenital Malformations	0	0.0	0	0.0	1	2.2	0	0.0
Ill-Defined and Unknown Causes of Death	1	18.5	0	0.0	10	21.8	4	25.9
COVID-19	1	18.5	5	83.1	47	102.4	7	45.4
Accidents, All Forms	2	37.1	7	116.4	88	191.8	23	149.1
--Motor Vehicle	1	18.5	0	0.0	7	15.3	1	6.5
--Falls	0	0.0	1	16.6	16	34.9	2	13.0
--Drownings	0	0.0	0	0.0	1	2.2	0	0.0
--Smoke, Fires and Flames	1	18.5	0	0.0	0	0.0	0	0.0
--Poisonings	0	0.0	6	99.8	58	126.4	20	129.7
--Other Accidents	0	0.0	0	0.0	6	13.1	0	0.0
Intentional Self-Harm (Suicide)	0	0.0	1	16.6	8	17.4	3	19.5
Assault (Homicide)	0	0.0	0	0.0	5	10.9	1	6.5
Injury Undetermined Whether Accidental or Purposely Inflicted	1	18.5	0	0.0	3	6.5	1	6.5
All Other Causes (Residual)	11	203.9	9	149.6	100	218.0	28	181.5

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Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2020
Table 85 (Cont'd)

Selected Causes of Death	Number and Rate by City							
	Dunbar		Elkins		Fairmont		Fayetteville	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	12.8	0	0.0	1	4.4	0	0.0
Total Deaths, All Causes	146	21.0	91	13.2	249	13.6	36	13.4
--Deaths Under One Year	0	0.0	2	27.8	1	4.4	0	0.0
--Deaths Under 28 Days	0	0.0	2	27.8	1	4.4	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	4	57.5	0	0.0	5	27.2	0	0.0
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	23	330.9	15	217.1	44	239.5	5	186.3
--of Digestive Organs	2	28.8	3	43.4	9	49.0	1	37.3
----Colon	0	0.0	2	29.0	2	10.9	0	0.0
----Pancreas	1	14.4	1	14.5	2	10.9	0	0.0
--of Respiratory and Intrathoracic Organs	9	129.5	5	72.4	13	70.8	1	37.3
----Trachea, Bronchus and Lung	8	115.1	5	72.4	13	70.8	1	37.3
--of Breast	2	28.8	1	14.5	2	10.9	0	0.0
--of Genitourinary Organs	5	71.9	2	29.0	7	38.1	3	111.8
----Cervix Uteri	1	14.4	0	0.0	1	5.4	0	0.0
----Ovary	1	14.4	0	0.0	2	10.9	0	0.0
----Prostate	1	14.4	1	14.5	1	5.4	1	37.3
----Bladder	0	0.0	1	14.5	0	0.0	1	37.3
--All Other (Malignant Neoplasms)	5	71.9	4	57.9	13	70.8	0	0.0
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	2	29.0	0	0.0	0	0.0
Diabetes Mellitus	10	143.9	2	29.0	10	54.4	3	111.8
Dementia	6	86.3	4	57.9	10	54.4	3	111.8
Alzheimer's Disease	9	129.5	2	29.0	1	5.4	0	0.0
Major Cardiovascular Disease	35	503.5	27	390.9	74	402.8	6	223.5
--Diseases of the Heart	27	388.4	20	289.5	59	321.2	6	223.5
----Ischemic Heart Disease	12	172.6	12	173.7	45	245.0	4	149.0
--Essential Hypertension and Hypertensive Renal Disease	1	14.4	2	29.0	2	10.9	0	0.0
--Cerebrovascular Diseases (Stroke)	6	86.3	5	72.4	9	49.0	0	0.0
--Arteriosclerosis	0	0.0	0	0.0	4	21.8	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	1	14.4	0	0.0	0	0.0	0	0.0
Influenza and Pneumonia	1	14.4	0	0.0	1	5.4	2	74.5
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	1	14.4	0	0.0	1	5.4	2	74.5
Chronic Lower Respiratory Diseases	8	115.1	7	101.3	20	108.9	4	149.0
--Bronchitis, Emphysema and Asthma	1	14.4	0	0.0	1	5.4	0	0.0
Lung Diseases due to External Agents	1	14.4	0	0.0	2	10.9	0	0.0
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	1	14.4	0	0.0	3	16.3	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis	4	57.5	2	29.0	7	38.1	0	0.0
Congenital Malformations	0	0.0	0	0.0	1	5.4	1	37.3
Ill-Defined and Unknown Causes of Death	0	0.0	0	0.0	0	0.0	0	0.0
COVID-19	5	71.9	2	29.0	8	43.5	1	37.3
Accidents, All Forms	14	201.4	10	144.8	23	125.2	3	111.8
--Motor Vehicle	0	0.0	3	43.4	2	10.9	0	0.0
--Falls	8	115.1	4	57.9	3	16.3	2	74.5
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	1	5.4	0	0.0
--Poisonings	6	86.3	2	29.0	15	81.7	1	37.3
--Other Accidents	0	0.0	1	14.5	2	10.9	0	0.0
Intentional Self-Harm (Suicide)	2	28.8	3	43.4	3	16.3	0	0.0
Assault (Homicide)	1	14.4	0	0.0	4	21.8	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	1	14.4	0	0.0	0	0.0	0	0.0
All Other Causes (Residual)	21	302.1	15	217.1	33	179.6	8	298.1

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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 City
West Virginia, 2020
Table 85 (Cont'd)

Selected Causes of Death	Number and Rate by City							
	Follansbee		Grafton		Granville		Huntington	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	1	21.7	0	0.0	1	2.0
Total Deaths, All Causes	46	17.2	104	20.9	10	3.2	788	17.5
--Deaths Under One Year	0	0.0	0	0.0	0	0.0	6	12.2
--Deaths Under 28 Days	0	0.0	0	0.0	0	0.0	2	4.1
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	1	37.5	1	20.1	0	0.0	7	15.6
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	7	262.3	14	281.8	2	63.4	118	262.6
--of Digestive Organs	2	74.9	4	80.5	0	0.0	32	71.2
----Colon	1	37.5	2	40.3	0	0.0	8	17.8
----Pancreas	0	0.0	1	20.1	0	0.0	8	17.8
--of Respiratory and Intrathoracic Organs	2	74.9	4	80.5	0	0.0	40	89.0
----Trachea, Bronchus and Lung	2	74.9	3	60.4	0	0.0	39	86.8
--of Breast	1	37.5	0	0.0	0	0.0	8	17.8
--of Genitourinary Organs	0	0.0	3	60.4	0	0.0	12	26.7
----Cervix Uteri	0	0.0	1	20.1	0	0.0	0	0.0
----Ovary	0	0.0	0	0.0	0	0.0	1	2.2
----Prostate	0	0.0	1	20.1	0	0.0	3	6.7
----Bladder	0	0.0	1	20.1	0	0.0	3	6.7
--All Other (Malignant Neoplasms)	2	74.9	3	60.4	2	63.4	26	57.9
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	0	0.0	0	0.0	2	4.5
Diabetes Mellitus	2	74.9	6	120.8	0	0.0	45	100.1
Dementia	2	74.9	2	40.3	0	0.0	38	84.6
Alzheimer's Disease	1	37.5	5	100.6	1	31.7	35	77.9
Major Cardiovascular Disease	8	299.7	25	503.2	4	126.7	150	333.8
--Diseases of the Heart	5	187.3	20	402.6	2	63.4	113	251.5
----Ischemic Heart Disease	4	149.9	17	342.2	1	31.7	68	151.3
--Essential Hypertension and Hypertensive Renal Disease	1	37.5	2	40.3	1	31.7	13	28.9
--Cerebrovascular Diseases (Stroke)	2	74.9	2	40.3	0	0.0	22	49.0
--Arteriosclerosis	0	0.0	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	0	0.0	1	20.1	1	31.7	2	4.5
Influenza and Pneumonia	1	37.5	4	80.5	0	0.0	9	20.0
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	1	37.5	4	80.5	0	0.0	9	20.0
Chronic Lower Respiratory Diseases	4	149.9	12	241.5	1	31.7	49	109.0
--Bronchitis, Emphysema and Asthma	0	0.0	2	40.3	0	0.0	0	0.0
Lung Diseases due to External Agents	0	0.0	1	20.1	1	31.7	6	13.4
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	3	112.4	7	140.9	0	0.0	17	37.8
Nephritis, Nephrotic Syndrome and Nephrosis	1	37.5	2	40.3	1	31.7	12	26.7
Congenital Malformations	0	0.0	0	0.0	0	0.0	3	6.7
Ill-Defined and Unknown Causes of Death	1	37.5	0	0.0	0	0.0	11	24.5
COVID-19	6	224.8	4	80.5	0	0.0	55	122.4
Accidents, All Forms	5	187.3	7	140.9	0	0.0	104	231.5
--Motor Vehicle	0	0.0	0	0.0	0	0.0	4	8.9
--Falls	0	0.0	4	80.5	0	0.0	5	11.1
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	1	2.2
--Poisonings	5	187.3	3	60.4	0	0.0	93	207.0
--Other Accidents	0	0.0	0	0.0	0	0.0	1	2.2
Intentional Self-Harm (Suicide)	0	0.0	1	20.1	0	0.0	12	26.7
Assault (Homicide)	0	0.0	1	20.1	0	0.0	8	17.8
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	0	0.0	4	8.9
All Other Causes (Residual)	4	149.9	12	241.5	0	0.0	103	229.2

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Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2020
Table 85 (Cont'd)

Selected Causes of Death	Number and Rate by City							
	Hurricane		Kenova		Keyser		Kingwood	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	3	40.0	0	0.0	0	0.0	0	0.0
Total Deaths, All Causes	71	11.1	46	15.6	100	20.6	61	20.0
--Deaths Under One Year	0	0.0	1	66.7	1	20.8	0	0.0
--Deaths Under 28 Days	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
Septicemia	0	0.0	3	101.9	3	61.7	1	32.8
Human Immunodeficiency Virus Infection	0	0.0	1	34.0	0	0.0	0	0.0
Malignant Neoplasms	14	219.1	3	101.9	9	185.1	12	393.8
--of Digestive Organs	4	62.6	1	34.0	3	61.7	4	131.3
----Colon	2	31.3	0	0.0	0	0.0	1	32.8
----Pancreas	0	0.0	1	34.0	1	20.6	1	32.8
--of Respiratory and Intrathoracic Organs	5	78.3	1	34.0	3	61.7	1	32.8
----Trachea, Bronchus and Lung	5	78.3	1	34.0	3	61.7	1	32.8
--of Breast	2	31.3	1	34.0	0	0.0	1	32.8
--of Genitourinary Organs	1	15.7	0	0.0	0	0.0	3	98.5
----Cervix Uteri	0	0.0	0	0.0	0	0.0	0	0.0
----Ovary	0	0.0	0	0.0	0	0.0	1	32.8
----Prostate	1	15.7	0	0.0	0	0.0	0	0.0
----Bladder	0	0.0	0	0.0	0	0.0	1	32.8
--All Other (Malignant Neoplasms)	2	31.3	0	0.0	3	61.7	3	98.5
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	1	15.7	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	3	47.0	1	34.0	1	20.6	1	32.8
Dementia	4	62.6	2	68.0	3	61.7	4	131.3
Alzheimer's Disease	3	47.0	3	101.9	2	41.1	2	65.6
Major Cardiovascular Disease	15	234.8	15	509.7	25	514.1	16	525.1
--Diseases of the Heart	10	156.5	11	373.8	21	431.8	14	459.5
----Ischemic Heart Disease	7	109.6	5	169.9	13	267.3	6	196.9
--Essential Hypertension and Hypertensive Renal Disease	0	0.0	0	0.0	2	41.1	0	0.0
--Cerebrovascular Diseases (Stroke)	4	62.6	4	135.9	0	0.0	2	65.6
--Arteriosclerosis	0	0.0	0	0.0	1	20.6	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	1	15.7	0	0.0	1	20.6	0	0.0
Influenza and Pneumonia	3	47.0	1	34.0	1	20.6	2	65.6
--Influenza	0	0.0	0	0.0	0	0.0	1	32.8
--Pneumonia	3	47.0	1	34.0	1	20.6	1	32.8
Chronic Lower Respiratory Diseases	3	47.0	3	101.9	4	82.3	4	131.3
--Bronchitis, Emphysema and Asthma	0	0.0	0	0.0	0	0.0	0	0.0
Lung Diseases due to External Agents	0	0.0	0	0.0	0	0.0	0	0.0
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	0	0.0	1	20.6	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis	2	31.3	2	68.0	2	41.1	3	98.5
Congenital Malformations	0	0.0	0	0.0	0	0.0	1	32.8
Ill-Defined and Unknown Causes of Death	2	31.3	1	34.0	2	41.1	0	0.0
COVID-19	5	78.3	0	0.0	23	473.0	7	229.7
Accidents, All Forms	6	93.9	6	203.9	9	185.1	3	98.5
--Motor Vehicle	0	0.0	0	0.0	0	0.0	0	0.0
--Falls	2	31.3	0	0.0	5	102.8	1	32.8
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	0	0.0
--Poisonings	3	47.0	6	203.9	3	61.7	2	65.6
--Other Accidents	1	15.7	0	0.0	1	20.6	0	0.0
Intentional Self-Harm (Suicide)	1	15.7	0	0.0	1	20.6	0	0.0
Assault (Homicide)	0	0.0	0	0.0	0	0.0	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	0	0.0	0	0.0
All Other Causes (Residual)	9	140.9	5	169.9	14	287.9	5	164.1

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Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2020
Table 85 (Cont'd)

Selected Causes of Death	Number and Rate by City							
	Lewisburg		Madison		Martinsburg		Milton	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	0	0.0	0	0.0	0	0.0
Total Deaths, All Causes	71	18.9	42	16.1	269	15.4	37	14.7
--Deaths Under One Year	0	0.0	0	0.0	3	11.1	0	0.0
--Deaths Under 28 Days	0	0.0	0	0.0	2	7.4	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	0	0.0	3	114.7	5	28.5	2	79.3
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	13	345.2	8	305.8	51	291.2	12	475.6
--of Digestive Organs	1	26.6	1	38.2	13	74.2	4	158.5
----Colon	0	0.0	0	0.0	5	28.5	3	118.9
----Pancreas	0	0.0	0	0.0	2	11.4	1	39.6
--of Respiratory and Intrathoracic Organs	3	79.7	2	76.5	12	68.5	2	79.3
----Trachea, Bronchus and Lung	3	79.7	2	76.5	12	68.5	2	79.3
--of Breast	2	53.1	0	0.0	6	34.3	0	0.0
--of Genitourinary Organs	2	53.1	4	152.9	8	45.7	3	118.9
----Cervix Uteri	0	0.0	0	0.0	0	0.0	0	0.0
----Ovary	0	0.0	0	0.0	2	11.4	1	39.6
----Prostate	0	0.0	3	114.7	2	11.4	1	39.6
----Bladder	1	26.6	0	0.0	1	5.7	0	0.0
--All Other (Malignant Neoplasms)	5	132.8	1	38.2	12	68.5	3	118.9
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	1	26.6	0	0.0	2	11.4	0	0.0
Diabetes Mellitus	2	53.1	2	76.5	14	79.9	2	79.3
Dementia	4	106.2	1	38.2	9	51.4	2	79.3
Alzheimer's Disease	3	79.7	1	38.2	4	22.8	3	118.9
Major Cardiovascular Disease	14	371.7	9	344.0	63	359.7	6	237.8
--Diseases of the Heart	10	265.5	8	305.8	47	268.4	6	237.8
----Ischemic Heart Disease	5	132.8	5	191.1	26	148.5	3	118.9
--Essential Hypertension and Hypertensive Renal Disease	2	53.1	0	0.0	4	22.8	0	0.0
--Cerebrovascular Diseases (Stroke)	2	53.1	1	38.2	11	62.8	0	0.0
--Arteriosclerosis	0	0.0	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	0	0.0	0	0.0	1	5.7	0	0.0
Influenza and Pneumonia	0	0.0	1	38.2	3	17.1	1	39.6
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	0	0.0	1	38.2	3	17.1	1	39.6
Chronic Lower Respiratory Diseases	7	185.9	2	76.5	14	79.9	1	39.6
--Bronchitis, Emphysema and Asthma	0	0.0	0	0.0	1	5.7	1	39.6
Lung Diseases due to External Agents	0	0.0	0	0.0	0	0.0	0	0.0
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	1	38.2	5	28.5	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis	3	79.7	0	0.0	5	28.5	1	39.6
Congenital Malformations	0	0.0	0	0.0	1	5.7	0	0.0
Ill-Defined and Unknown Causes of Death	1	26.6	1	38.2	5	28.5	0	0.0
COVID-19	8	212.4	3	114.7	14	79.9	2	79.3
Accidents, All Forms	4	106.2	2	76.5	45	256.9	2	79.3
--Motor Vehicle	0	0.0	0	0.0	3	17.1	0	0.0
--Falls	2	53.1	0	0.0	6	34.3	1	39.6
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	1	5.7	0	0.0
--Poisonings	2	53.1	1	38.2	32	182.7	1	39.6
--Other Accidents	0	0.0	1	38.2	3	17.1	0	0.0
Intentional Self-Harm (Suicide)	0	0.0	0	0.0	3	17.1	1	39.6
Assault (Homicide)	0	0.0	1	38.2	0	0.0	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	0	0.0	0	0.0
All Other Causes (Residual)	11	292.1	7	267.6	26	148.5	2	79.3

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Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2020
Table 85 (Cont'd)

Selected Causes of Death	Number and Rate by City							
	Morgantown		Moundsville		New Martinsville		Nitro	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	5.7	0	0.0	0	0.0	1	16.7
Total Deaths, All Causes	162	5.3	164	20.2	93	18.2	114	18.1
--Deaths Under One Year	0	0.0	1	11.9	0	0.0	1	16.7
--Deaths Under 28 Days	0	0.0	0	0.0	0	0.0	1	16.7
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	2	6.5	3	37.0	1	19.6	0	0.0
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	29	94.0	25	308.0	13	254.4	21	334.1
--of Digestive Organs	8	25.9	9	110.9	4	78.3	5	79.6
----Colon	1	3.2	3	37.0	0	0.0	0	0.0
----Pancreas	2	6.5	3	37.0	1	19.6	1	15.9
--of Respiratory and Intrathoracic Organs	8	25.9	8	98.6	6	117.4	5	79.6
----Trachea, Bronchus and Lung	8	25.9	8	98.6	5	97.8	5	79.6
--of Breast	2	6.5	1	12.3	1	19.6	2	31.8
--of Genitourinary Organs	1	3.2	5	61.6	1	19.6	4	63.6
----Cervix Uteri	0	0.0	0	0.0	0	0.0	0	0.0
----Ovary	0	0.0	0	0.0	0	0.0	2	31.8
----Prostate	1	3.2	2	24.6	0	0.0	0	0.0
----Bladder	0	0.0	2	24.6	1	19.6	1	15.9
--All Other (Malignant Neoplasms)	10	32.4	2	24.6	1	19.6	5	79.6
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	1	3.2	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	10	32.4	10	123.2	3	58.7	9	143.2
Dementia	9	29.2	3	37.0	7	137.0	5	79.6
Alzheimer's Disease	2	6.5	8	98.6	4	78.3	4	63.6
Major Cardiovascular Disease	48	155.6	40	492.8	31	606.5	29	461.4
--Diseases of the Heart	39	126.4	34	418.9	20	391.3	22	350.0
----Ischemic Heart Disease	19	61.6	18	221.8	8	156.5	10	159.1
--Essential Hypertension and Hypertensive Renal Disease	4	13.0	0	0.0	1	19.6	4	63.6
--Cerebrovascular Diseases (Stroke)	5	16.2	5	61.6	9	176.1	3	47.7
--Arteriosclerosis	0	0.0	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	0	0.0	1	12.3	1	19.6	0	0.0
Influenza and Pneumonia	2	6.5	4	49.3	0	0.0	1	15.9
--Influenza	0	0.0	0	0.0	0	0.0	0	0.0
--Pneumonia	2	6.5	4	49.3	0	0.0	1	15.9
Chronic Lower Respiratory Diseases	7	22.7	10	123.2	3	58.7	3	47.7
--Bronchitis, Emphysema and Asthma	0	0.0	0	0.0	0	0.0	1	15.9
Lung Diseases due to External Agents	1	3.2	1	12.3	0	0.0	0	0.0
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	4	13.0	1	12.3	1	19.6	1	15.9
Nephritis, Nephrotic Syndrome and Nephrosis	2	6.5	2	24.6	0	0.0	1	15.9
Congenital Malformations	0	0.0	0	0.0	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	1	3.2	1	12.3	1	19.6	1	15.9
COVID-19	5	16.2	23	283.4	11	215.2	13	206.8
Accidents, All Forms	11	35.7	8	98.6	4	78.3	8	127.3
--Motor Vehicle	1	3.2	0	0.0	1	19.6	1	15.9
--Falls	2	6.5	3	37.0	2	39.1	1	15.9
--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	7	22.7	5	61.6	1	19.6	6	95.5
--Other Accidents	1	3.2	0	0.0	0	0.0	0	0.0
Intentional Self-Harm (Suicide)	3	9.7	2	24.6	2	39.1	3	47.7
Assault (Homicide)	1	3.2	0	0.0	0	0.0	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	0	0.0	0	0.0
All Other Causes (Residual)	24	77.8	23	283.4	12	234.8	15	238.7

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Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2020
Table 85 (Cont'd)

Selected Causes of Death	Number and Rate by City							
	Oak Hill		Parkersburg		Petersburg		Philippi	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	1	18.2	1	3.2	0	0.0	1	35.7
Total Deaths, All Causes	147	18.3	477	16.4	46	17.1	31	9.6
--Deaths Under One Year	1	18.2	2	6.5	0	0.0	0	0.0
--Deaths Under 28 Days	1	18.2	2	6.5	0	0.0	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	0	0.0	3	10.3	0	0.0	1	30.9
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	30	373.7	95	327.5	2	74.5	5	154.4
--of Digestive Organs	8	99.7	28	96.5	0	0.0	0	0.0
----Colon	3	37.4	9	31.0	0	0.0	0	0.0
----Pancreas	3	37.4	5	17.2	0	0.0	0	0.0
--of Respiratory and Intrathoracic Organs	12	149.5	26	89.6	0	0.0	2	61.7
----Trachea, Bronchus and Lung	11	137.0	26	89.6	0	0.0	1	30.9
--of Breast	2	24.9	5	17.2	0	0.0	1	30.9
--of Genitourinary Organs	4	49.8	9	31.0	2	74.5	0	0.0
----Cervix Uteri	0	0.0	0	0.0	1	37.3	0	0.0
----Ovary	1	12.5	3	10.3	0	0.0	0	0.0
----Prostate	2	24.9	1	3.4	1	37.3	0	0.0
----Bladder	1	12.5	1	3.4	0	0.0	0	0.0
--All Other (Malignant Neoplasms)	4	49.8	27	93.1	0	0.0	2	61.7
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	1	3.4	0	0.0	1	30.9
Diabetes Mellitus	8	99.7	22	75.8	3	111.8	2	61.7
Dementia	9	112.1	11	37.9	3	111.8	0	0.0
Alzheimer's Disease	2	24.9	23	79.3	1	37.3	2	61.7
Major Cardiovascular Disease	34	423.5	130	448.1	12	447.3	11	339.6
--Diseases of the Heart	31	386.1	108	372.3	9	335.4	6	185.2
----Ischemic Heart Disease	17	211.8	70	241.3	5	186.4	2	61.7
--Essential Hypertension and Hypertensive Renal Disease	1	12.5	2	6.9	0	0.0	0	0.0
--Cerebrovascular Diseases (Stroke)	2	24.9	15	51.7	1	37.3	3	92.6
--Arteriosclerosis	0	0.0	1	3.4	2	74.5	1	30.9
--Other Diseases of Arteries, Arterioles and Capillaries	0	0.0	4	13.8	0	0.0	1	30.9
Influenza and Pneumonia	2	24.9	9	31.0	2	74.5	0	0.0
--Influenza	0	0.0	1	3.4	0	0.0	0	0.0
--Pneumonia	2	24.9	8	27.6	2	74.5	0	0.0
Chronic Lower Respiratory Diseases	11	137.0	34	117.2	4	149.1	1	30.9
--Bronchitis, Emphysema and Asthma	1	12.5	2	6.9	0	0.0	1	30.9
Lung Diseases due to External Agents	1	12.5	4	13.8	1	37.3	1	30.9
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	1	30.9
Chronic Liver Disease and Cirrhosis	3	37.4	5	17.2	0	0.0	1	30.9
Nephritis, Nephrotic Syndrome and Nephrosis	7	87.2	2	6.9	1	37.3	0	0.0
Congenital Malformations	2	24.9	4	13.8	0	0.0	1	30.9
Ill-Defined and Unknown Causes of Death	1	12.5	4	13.8	6	223.6	1	30.9
COVID-19	6	74.7	22	75.8	3	111.8	2	61.7
Accidents, All Forms	12	149.5	34	117.2	4	149.1	0	0.0
--Motor Vehicle	1	12.5	5	17.2	0	0.0	0	0.0
--Falls	2	24.9	6	20.7	1	37.3	0	0.0
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	0	0.0
--Poisonings	8	99.7	21	72.4	2	74.5	0	0.0
--Other Accidents	1	12.5	2	6.9	1	37.3	0	0.0
Intentional Self-Harm (Suicide)	3	37.4	5	17.2	0	0.0	0	0.0
Assault (Homicide)	0	0.0	1	3.4	0	0.0	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	0	0.0	0	0.0
All Other Causes (Residual)	16	199.3	68	234.4	4	149.1	2	61.7

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Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2020
Table 85 (Cont'd)

Selected Causes of Death	Number and Rate by City							
	Pleasant Valley		Point Pleasant		Princeton		Ranson	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	0	0.0	0	0.0	0	0.0
Total Deaths, All Causes	20	6.4	62	15.4	103	18.4	44	8.2
--Deaths Under One Year	0	0.0	0	0.0	0	0.0	0	0.0
--Deaths Under 28 Days	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
Septicemia	0	0.0	0	0.0	2	35.7	2	37.3
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	5	159.2	8	199.2	18	321.5	6	111.9
--of Digestive Organs	3	95.5	1	24.9	6	107.2	3	56.0
----Colon	2	63.7	0	0.0	2	35.7	1	18.7
----Pancreas	0	0.0	0	0.0	2	35.7	0	0.0
--of Respiratory and Intrathoracic Organs	1	31.8	1	24.9	5	89.3	2	37.3
----Trachea, Bronchus and Lung	1	31.8	1	24.9	5	89.3	2	37.3
--of Breast	0	0.0	1	24.9	1	17.9	0	0.0
--of Genitourinary Organs	0	0.0	1	24.9	3	53.6	1	18.7
----Cervix Uteri	0	0.0	0	0.0	0	0.0	0	0.0
----Ovary	0	0.0	0	0.0	0	0.0	1	18.7
----Prostate	0	0.0	1	24.9	0	0.0	0	0.0
----Bladder	0	0.0	0	0.0	2	35.7	0	0.0
--All Other (Malignant Neoplasms)	1	31.8	4	99.6	3	53.6	0	0.0
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	0	0.0	3	74.7	8	142.9	0	0.0
Dementia	1	31.8	0	0.0	4	71.4	0	0.0
Alzheimer's Disease	0	0.0	1	24.9	6	107.2	2	37.3
Major Cardiovascular Disease	7	222.9	14	348.5	21	375.1	12	223.9
--Diseases of the Heart	4	127.3	11	273.8	19	339.3	5	93.3
----Ischemic Heart Disease	4	127.3	7	174.3	8	142.9	3	56.0
--Essential Hypertension and Hypertensive Renal Disease	0	0.0	1	24.9	2	35.7	2	37.3
--Cerebrovascular Diseases (Stroke)	3	95.5	2	49.8	0	0.0	5	93.3
--Arteriosclerosis	0	0.0	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	0	0.0	0	0.0	0	0.0	0	0.0
Influenza and Pneumonia	1	31.8	0	0.0	2	35.7	2	37.3
--Influenza	1	31.8	0	0.0	1	17.9	0	0.0
--Pneumonia	0	0.0	0	0.0	1	17.9	2	37.3
Chronic Lower Respiratory Diseases	0	0.0	9	224.0	11	196.5	4	74.6
--Bronchitis, Emphysema and Asthma	0	0.0	2	49.8	1	17.9	0	0.0
Lung Diseases due to External Agents	0	0.0	0	0.0	1	17.9	0	0.0
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	0	0.0	2	35.7	1	18.7
Nephritis, Nephrotic Syndrome and Nephrosis	0	0.0	3	74.7	3	53.6	1	18.7
Congenital Malformations	0	0.0	0	0.0	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	0	0.0	0	0.0	2	35.7	0	0.0
COVID-19	1	31.8	4	99.6	3	53.6	3	56.0
Accidents, All Forms	2	63.7	9	224.0	7	125.0	5	93.3
--Motor Vehicle	0	0.0	1	24.9	0	0.0	2	37.3
--Falls	0	0.0	4	99.6	2	35.7	0	0.0
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	0	0.0
--Poisonings	2	63.7	4	99.6	5	89.3	3	56.0
--Other Accidents	0	0.0	0	0.0	0	0.0	0	0.0
Intentional Self-Harm (Suicide)	1	31.8	1	24.9	0	0.0	0	0.0
Assault (Homicide)	0	0.0	0	0.0	0	0.0	1	18.7
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	0	0.0	0	0.0
All Other Causes (Residual)	2	63.7	10	248.9	13	232.2	5	93.3

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Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2020
Table 85 (Cont'd)

Selected Causes of Death	Number and Rate by City							
	Ravenswood		Ripley		Saint Albans		South Charleston	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	0	0.0	0	0.0	4	34.2
Total Deaths, All Causes	70	19.4	58	18.5	198	20.3	227	18.9
--Deaths Under One Year	1	27.0	0	0.0	2	18.3	2	17.1
--Deaths Under 28 Days	1	27.0	0	0.0	2	18.3	1	8.5
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	0	0.0	1	31.9	3	30.7	2	16.6
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	8	221.2	7	223.0	24	245.8	33	274.2
--of Digestive Organs	1	27.7	3	95.6	7	71.7	11	91.4
----Colon	0	0.0	0	0.0	2	20.5	4	33.2
----Pancreas	1	27.7	1	31.9	2	20.5	5	41.5
--of Respiratory and Intrathoracic Organs	3	83.0	1	31.9	5	51.2	9	74.8
----Trachea, Bronchus and Lung	3	83.0	1	31.9	5	51.2	9	74.8
--of Breast	0	0.0	0	0.0	2	20.5	1	8.3
--of Genitourinary Organs	2	55.3	3	95.6	4	41.0	5	41.5
----Cervix Uteri	0	0.0	0	0.0	0	0.0	0	0.0
----Ovary	1	27.7	1	31.9	2	20.5	0	0.0
----Prostate	0	0.0	1	31.9	2	20.5	4	33.2
----Bladder	0	0.0	1	31.9	0	0.0	1	8.3
--All Other (Malignant Neoplasms)	2	55.3	0	0.0	6	61.5	7	58.2
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	2	55.3	0	0.0	0	0.0	4	33.2
Diabetes Mellitus	3	83.0	0	0.0	12	122.9	11	91.4
Dementia	5	138.3	4	127.4	8	81.9	11	91.4
Alzheimer's Disease	7	193.6	2	63.7	11	112.7	12	99.7
Major Cardiovascular Disease	16	442.5	16	509.7	37	379.0	54	448.7
--Diseases of the Heart	13	359.5	11	350.4	26	266.3	46	382.2
----Ischemic Heart Disease	7	193.6	8	254.9	15	153.6	32	265.9
--Essential Hypertension and Hypertensive Renal Disease	1	27.7	0	0.0	3	30.7	0	0.0
--Cerebrovascular Diseases (Stroke)	2	55.3	5	159.3	4	41.0	7	58.2
--Arteriosclerosis	0	0.0	0	0.0	1	10.2	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	0	0.0	0	0.0	3	30.7	1	8.3
Influenza and Pneumonia	0	0.0	1	31.9	4	41.0	7	58.2
--Influenza	0	0.0	1	31.9	1	10.2	1	8.3
--Pneumonia	0	0.0	0	0.0	3	30.7	6	49.9
Chronic Lower Respiratory Diseases	5	138.3	2	63.7	11	112.7	16	132.9
--Bronchitis, Emphysema and Asthma	0	0.0	0	0.0	1	10.2	1	8.3
Lung Diseases due to External Agents	0	0.0	0	0.0	3	30.7	3	24.9
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	1	31.9	2	20.5	2	16.6
Nephritis, Nephrotic Syndrome and Nephrosis	2	55.3	1	31.9	3	30.7	9	74.8
Congenital Malformations	1	27.7	0	0.0	0	0.0	0	0.0
Ill-Defined and Unknown Causes of Death	0	0.0	0	0.0	2	20.5	1	8.3
COVID-19	3	83.0	8	254.9	17	174.1	16	132.9
Accidents, All Forms	9	248.9	2	63.7	27	276.6	13	108.0
--Motor Vehicle	3	83.0	1	31.9	2	20.5	0	0.0
--Falls	3	83.0	0	0.0	5	51.2	3	24.9
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	0	0.0
--Poisonings	2	55.3	1	31.9	17	174.1	8	66.5
--Other Accidents	1	27.7	0	0.0	3	30.7	2	16.6
Intentional Self-Harm (Suicide)	2	55.3	1	31.9	1	10.2	3	24.9
Assault (Homicide)	0	0.0	0	0.0	0	0.0	2	16.6
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	1	10.2	0	0.0
All Other Causes (Residual)	7	193.6	12	382.3	32	327.8	28	232.6

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Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2020
Table 85 (Cont'd)

Selected Causes of Death	Number and Rate by City							
	Summersville		Vienna		Weirton		Wellsburg	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	1	10.4	1	6.5	0	0.0
Total Deaths, All Causes	54	16.7	150	15.0	366	20.3	39	15.6
--Deaths Under One Year	1	38.5	1	10.4	2	12.9	0	0.0
--Deaths Under 28 Days	0	0.0	0	0.0	1	6.5	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	0	0.0	0	0.0	1	5.5	1	40.0
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	10	310.1	31	309.1	58	321.0	4	160.2
--of Digestive Organs	3	93.0	9	89.7	18	99.6	0	0.0
----Colon	1	31.0	1	10.0	1	5.5	0	0.0
----Pancreas	1	31.0	3	29.9	4	22.1	0	0.0
--of Respiratory and Intrathoracic Organs	2	62.0	10	99.7	22	121.8	2	80.1
----Trachea, Bronchus and Lung	2	62.0	9	89.7	22	121.8	1	40.0
--of Breast	1	31.0	0	0.0	0	0.0	1	40.0
--of Genitourinary Organs	0	0.0	4	39.9	8	44.3	1	40.0
----Cervix Uteri	0	0.0	1	10.0	0	0.0	0	0.0
----Ovary	0	0.0	0	0.0	3	16.6	0	0.0
----Prostate	0	0.0	2	19.9	1	5.5	0	0.0
----Bladder	0	0.0	1	10.0	2	11.1	1	40.0
--All Other (Malignant Neoplasms)	4	124.0	8	79.8	10	55.3	0	0.0
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	1	31.0	1	10.0	2	11.1	0	0.0
Diabetes Mellitus	6	186.0	5	49.9	10	55.3	1	40.0
Dementia	1	31.0	3	29.9	25	138.4	1	40.0
Alzheimer's Disease	2	62.0	7	69.8	14	77.5	2	80.1
Major Cardiovascular Disease	17	527.1	43	428.8	93	514.7	15	600.7
--Diseases of the Heart	10	310.1	38	378.9	74	409.6	12	480.6
----Ischemic Heart Disease	6	186.0	29	289.2	53	293.3	5	200.2
--Essential Hypertension and Hypertensive Renal Disease	1	31.0	0	0.0	2	11.1	0	0.0
--Cerebrovascular Diseases (Stroke)	5	155.0	5	49.9	15	83.0	3	120.1
--Arteriosclerosis	0	0.0	0	0.0	2	11.1	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	1	31.0	0	0.0	0	0.0	0	0.0
Influenza and Pneumonia	2	62.0	1	10.0	10	55.3	0	0.0
--Influenza	0	0.0	0	0.0	1	5.5	0	0.0
--Pneumonia	2	62.0	1	10.0	9	49.8	0	0.0
Chronic Lower Respiratory Diseases	0	0.0	6	59.8	17	94.1	4	160.2
--Bronchitis, Emphysema and Asthma	0	0.0	1	10.0	0	0.0	1	40.0
Lung Diseases due to External Agents	0	0.0	0	0.0	0	0.0	1	40.0
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	1	31.0	1	10.0	5	27.7	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis	0	0.0	4	39.9	10	55.3	2	80.1
Congenital Malformations	0	0.0	0	0.0	1	5.5	0	0.0
Ill-Defined and Unknown Causes of Death	1	31.0	1	10.0	10	55.3	1	40.0
COVID-19	3	93.0	12	119.7	46	254.6	1	40.0
Accidents, All Forms	3	93.0	3	29.9	16	88.6	1	40.0
--Motor Vehicle	0	0.0	0	0.0	1	5.5	1	40.0
--Falls	1	31.0	0	0.0	4	22.1	0	0.0
--Drownings	0	0.0	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0	0	0.0
--Poisonings	2	62.0	2	19.9	10	55.3	0	0.0
--Other Accidents	0	0.0	1	10.0	1	5.5	0	0.0
Intentional Self-Harm (Suicide)	0	0.0	0	0.0	3	16.6	1	40.0
Assault (Homicide)	0	0.0	0	0.0	2	11.1	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	0	0.0	0	0.0
All Other Causes (Residual)	7	217.1	32	319.1	43	238.0	4	160.2

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Selected Causes of Resident Deaths: Number and Rate* by City
West Virginia, 2020
Table 85 (Cont'd)

Selected Causes of Death	Number and Rate by City					
	Weston		Westover		Wheeling	
	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	0	0.0	0	0.0
Total Deaths, All Causes	75	19.8	49	11.6	510	19.4
--Deaths Under One Year	1	22.7	0	0.0	1	4.6
--Deaths Under 28 Days	1	22.7	0	0.0	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0
Septicemia	1	26.3	0	0.0	3	11.4
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	1	3.8
Malignant Neoplasms	14	368.7	8	189.6	82	312.0
--of Digestive Organs	5	131.7	2	47.4	20	76.1
----Colon	1	26.3	0	0.0	5	19.0
----Pancreas	0	0.0	1	23.7	4	15.2
--of Respiratory and Intrathoracic Organs	8	210.7	1	23.7	24	91.3
----Trachea, Bronchus and Lung	8	210.7	1	23.7	23	87.5
--Of Breast	0	0.0	0	0.0	5	19.0
--of Genitourinary Organs	0	0.0	2	47.4	8	30.4
----Cervix Uteri	0	0.0	0	0.0	0	0.0
----Ovary	0	0.0	1	23.7	1	3.8
----Prostate	0	0.0	0	0.0	2	7.6
----Bladder	0	0.0	1	23.7	1	3.8
--All Other (Malignant Neoplasms)	1	26.3	3	71.1	25	95.1
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	0	0.0	0	0.0	2	7.6
Diabetes Mellitus	2	52.7	3	71.1	18	68.5
Dementia	1	26.3	2	47.4	36	137.0
Alzheimer's Disease	4	105.3	1	23.7	12	45.7
Major Cardiovascular Disease	25	658.4	14	331.8	150	570.7
--Diseases of the Heart	18	474.1	11	260.7	119	452.8
----Ischemic Heart Disease	10	263.4	8	189.6	69	262.5
--Essential Hypertension and Hypertensive Renal Disease	1	26.3	0	0.0	10	38.0
--Cerebrovascular Diseases (Stroke)	3	79.0	1	23.7	15	57.1
--Arteriosclerosis	1	26.3	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	2	52.7	2	47.4	6	22.8
Influenza and Pneumonia	1	26.3	1	23.7	13	49.5
--Influenza	0	0.0	0	0.0	3	11.4
--Pneumonia	1	26.3	1	23.7	10	38.0
Chronic Lower Respiratory Diseases	6	158.0	1	23.7	31	117.9
--Bronchitis, Emphysema and Asthma	0	0.0	1	23.7	0	0.0
Lung Diseases due to External Agents	1	26.3	0	0.0	2	7.6
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	0	0.0	6	22.8
Nephritis, Nephrotic Syndrome and Nephrosis	2	52.7	1	23.7	10	38.0
Congenital Malformations	1	26.3	1	23.7	2	7.6
Ill-Defined and Unknown Causes of Death	1	26.3	0	0.0	7	26.6
COVID-19	3	79.0	1	23.7	38	144.6
Accidents, All Forms	3	79.0	11	260.7	39	148.4
--Motor Vehicle	0	0.0	0	0.0	2	7.6
--Falls	2	52.7	1	23.7	6	22.8
--Drownings	0	0.0	0	0.0	1	3.8
--Smoke, Fires and Flames	0	0.0	0	0.0	2	7.6
--Poisonings	1	26.3	9	213.3	25	95.1
--Other Accidents	0	0.0	1	23.7	3	11.4
Intentional Self-Harm (Suicide)	1	26.3	0	0.0	3	11.4
Assault (Homicide)	0	0.0	0	0.0	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	2	7.6
All Other Causes (Residual)	9	237.0	5	118.5	53	201.7

West Virginia Bureau for Public Health Health Statistics Center, Vital Statistics System, 2022 *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, 2020
Table 85 (Cont'd)

Selected Causes of Death	Number and Rate by City					
	Williamson		Williamstown		Winfield	
	Number	Rate	Number	Rate	Number	Rate
Fetal Deaths	0	0.0	0	0.0	0	0.0
Total Deaths, All Causes	60	22.9	34	11.9	27	11.2
--Deaths Under One Year	0	0.0	0	0.0	0	0.0
--Deaths Under 28 Days	0	0.0	0	0.0	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0
Septicemia	4	152.9	0	0.0	0	0.0
Human Immunodeficiency Virus Infection	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	8	305.8	9	314.7	6	249.0
--of Digestive Organs	4	152.9	3	104.9	1	41.5
----Colon	1	38.2	1	35.0	1	41.5
----Pancreas	1	38.2	1	35.0	0	0.0
--of Respiratory and Intrathoracic Organs	0	0.0	3	104.9	2	83.0
----Trachea, Bronchus and Lung	0	0.0	3	104.9	2	83.0
--of Breast	1	38.2	0	0.0	0	0.0
--of Genitourinary Organs	2	76.5	2	69.9	1	41.5
----Cervix Uteri	0	0.0	0	0.0	0	0.0
----Ovary	0	0.0	0	0.0	0	0.0
----Prostate	1	38.2	0	0.0	1	41.5
----Bladder	1	38.2	1	35.0	0	0.0
--All Other (Malignant Neoplasms)	1	38.2	1	35.0	2	83.0
Benign Neoplasms, Carcinoma in Situ and Unspecified Neoplasms	1	38.2	1	35.0	0	0.0
Diabetes Mellitus	2	76.5	1	35.0	2	83.0
Dementia	4	152.9	1	35.0	1	41.5
Alzheimer's Disease	4	152.9	5	174.8	0	0.0
Major Cardiovascular Disease	17	649.8	5	174.8	5	207.5
--Diseases of the Heart	10	382.3	5	174.8	4	166.0
----Ischemic Heart Disease	6	229.4	3	104.9	1	41.5
--Essential Hypertension and Hypertensive Renal Disease	0	0.0	0	0.0	0	0.0
--Cerebrovascular Diseases (Stroke)	6	229.4	0	0.0	1	41.5
--Arteriosclerosis	0	0.0	0	0.0	0	0.0
--Other Diseases of Arteries, Arterioles and Capillaries	1	38.2	0	0.0	0	0.0
Influenza and Pneumonia	1	38.2	1	35.0	0	0.0
--Influenza	0	0.0	0	0.0	0	0.0
--Pneumonia	1	38.2	1	35.0	0	0.0
Chronic Lower Respiratory Diseases	4	152.9	1	35.0	4	166.0
--Bronchitis, Emphysema and Asthma	0	0.0	0	0.0	0	0.0
Lung Diseases due to External Agents	0	0.0	0	0.0	0	0.0
--Coal Worker's Pneumoconiosis	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	1	38.2	0	0.0	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis	0	0.0	0	0.0	0	0.0
Congenital Malformations	0	0.0	0	0.0	1	41.5
Ill-Defined and Unknown Causes of Death	0	0.0	0	0.0	0	0.0
COVID-19	5	191.1	1	35.0	2	83.0
Accidents, All Forms	4	152.9	1	35.0	3	124.5
--Motor Vehicle	0	0.0	0	0.0	0	0.0
--Falls	0	0.0	0	0.0	1	41.5
--Drownings	0	0.0	0	0.0	0	0.0
--Smoke, Fires and Flames	0	0.0	0	0.0	0	0.0
--Poisonings	4	152.9	1	35.0	1	41.5
--Other Accidents	0	0.0	0	0.0	1	41.5
Intentional Self-Harm (Suicide)	0	0.0	0	0.0	1	41.5
Assault (Homicide)	0	0.0	0	0.0	0	0.0
Injury Undetermined Whether Accidental or Purposely Inflicted	0	0.0	0	0.0	0	0.0
All Other Causes (Residual)	5	191.1	8	279.7	2	83.0

West Virginia Bureau for Public Health Health Statistics Center, Vital Statistics System, 2022 *Rates for total deaths are per 1,000 population. Rates for fetal deaths, deaths under 1 year and deaths under 28 days are per 1,000 live births. All other rates are per 100,000 population unless otherwise noted.



West Virginia Vital Statistics

**Appendix A:
ICD-10 Codes**

APPENDIX A
GROUPINGS OF ICD-10 CODES

<u>ICD-10 CODE</u>	<u>SELECTED CAUSE</u>
A15-A19	Tuberculosis
A40-A41	Septicemia
B20-B24	Human Immunodeficiency Virus Infection
C00-C97	Malignant Neoplasms
C15-C26	====of Digestive Organs
C18	=====of Colon
C25	=====of Pancreas
C30-C39	====of Respiratory and Intrathoracic Organs
C33-C34	=====Trachea, Bronchus and Lung
C50	==of Breast
C51-C68	==of Genitourinary Organs
C53	=====Cervix Uteri
C56	=====Ovary
C61	=====Prostate
C67	=====Bladder
	====All Other (Malignant Neoplasms)
D00-D48	Benign Neoplasms, Carcinoma in Situ and Neoplasms of Unspecified Nature
E10-E14	Diabetes Mellitus
F01, F03	Dementia
G30	Alzheimer's Disease
I00-I78	Major Cardiovascular Diseases
I00-I09, I11, I13,	
I20-I51	====Diseases of the Heart
I20-I25	=====Ischemic Heart Disease
I10, I12	====Essential Hypertension and Hypertensive Renal Disease
I60-I69	====Cerebrovascular Disease
I70	====Arteriosclerosis
I71-I78	====Other Diseases of the Arteries, Arterioles and Capillaries
J09-J18	Influenza and Pneumonia
J09-J11	====Influenza
J12-J18	====Pneumonia
J40-J47	Chronic Lower Respiratory Diseases
J40-J43, J45-J46	====Bronchitis, Emphysema and Asthma
J60-J70	Lung Diseases Due to External Agents
J60	====Coal Worker's Pneumoconiosis
K70, K73-K74	Chronic Liver Disease and Cirrhosis
N00-N07, N17-N19,	
N25-N27	Nephritis, Nephrotic Syndrome and Nephrosis
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities
R95-R99	Ill-Defined and Unknown Causes of Death
U07.1	COVID-19
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 were 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 2020 and filed in the state office of vital statistics prior to February 18, 2021. Vital events occurring to West Virginia residents in other states and tabulated by June 1, 2021, 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, 145 births occurred within the geographic confines of Marshall County, of which only so many were among mothers who resided in Marshall County; the remainder resided in other counties or states. Resident births for the county for 2019 totaled 283 which included 63 births that occurred in Marshall County and 220 births to Marshall County residents that occurred elsewhere. With the exception of Tables 11, 12, 13, 14, 16, 57, 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 66, 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.

Geographic Classification

The state has been used as the basic unit of tabulation throughout this report however, statistics have been provided at the county and city levels as appropriate.

Cause of Death Classification

The cause of death was 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 an unattended death, the medical examiner is responsible for investigation and certification.

APPENDIX B (Cont'd)

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 174, “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 2020 population estimated figures from the U.S. Department of Commerce, Bureau of the Census. This can be found at [State Population by Characteristics: 2020-2021 \(census.gov\)](https://www.census.gov/data/tables/2020/decennial/state-population-by-characteristics/2020-2021.html).

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
Email: dhhrvitaldata@wv.gov

APPENDIX B (Cont'd)

RATES AND RATIOS

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

Rates used in this report are calculated with the estimated 2019 population figures from the U.S. Department of Commerce, Bureau of the Census.

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

APPENDIX B (Cont'd) DEFINITIONS

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

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

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

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

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

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

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

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

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

Occurrence data - Vital statistics compiled on the basis of where the vital event actually occurred.

Paternity affidavit - A legal document signed by both parents declaring the paternity of their child.

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

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.

APPENDIX B (Cont'd)

Male-female marriage - For the purpose of this publication and reporting of marriages, where the groom is a male who is marrying a female bride.

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



West Virginia Vital Statistics

Appendix C:

Grams Conversion

APPENDIX C
 Converting Pounds/Ounces into Grams

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

West Virginia Bureau for Public Health
 Health Statistics Center, Vital Statistics System, 2022