

**2013**

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**Wisconsin**  
**Deaths**



**State Vital Records Office**  
**Office of Health Informatics**  
**Division of Public Health**  
**Wisconsin Department of Health Services**

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# Wisconsin Deaths

## 2013

March 2015

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*Office of Health Informatics  
Division of Public Health  
Wisconsin Department of Health Services*

## Foreword

This report, *Wisconsin Deaths, 2013*, presents key information about deaths of Wisconsin residents that occurred in 2013 and previous years. Information is included on the number and rate of deaths overall and by age, sex and cause. *Wisconsin Deaths* has been published annually since the 1995 data year, and replaced the earlier report series *Vital Statistics* (data years 1984-1994), *Public Health Statistics* (1952-1983), and *Annual Report of Morbidity and Mortality* (1948-1951).

The source of data for this report is death records filed with the State Registrar, State Vital Records Office, Office of Health Informatics, Division of Public Health, Wisconsin Department of Health Services.

The Office of Health Informatics would like to recognize the following: local Register of Deeds offices and the Milwaukee and West Allis city health offices (for registering deaths), coroners, medical examiners, and physicians (for certifying causes of death), and funeral directors (for filing death certificates).

The Department of Health Services produced this publication. Staff of the Vital Records Section, Office of Health Informatics, collected and compiled the death records. Joyce Knapton prepared the report and wrote the narrative. Patricia Nametz, Bureau of Operations in the Division of Public Health, edited the report. Draft review and comments were provided by Karl Pearson in the Office of Health Informatics. The report was prepared under the supervision of Lisa Walker, State Registrar, Vital Records Section; Lisa Hebl, Supervisor, External Operations Unit, Vital Records Section; and Oskar Anderson, Director of the Office of Health Informatics.

Death, birth, hospitalization and other health-related statistical information for Wisconsin is also available through the Internet on the Department of Health Services website, at <https://www.dhs.wisconsin.gov/stats/index.htm>. Wisconsin Interactive Statistics on Health (WISH) is a data query system that allows users to obtain death and other data tailored to their specifications, at <https://www.dhs.wisconsin.gov/wish/index.htm>.

Comments, suggestions and requests for additional data may be addressed to:

Joyce Knapton  
Office of Health Informatics  
Division of Public Health, Department of Health Services  
P.O. Box 309  
Madison, WI 53701-0309  
Telephone: 608-267-7815  
Email: [Joyce.Knapton@dhs.wisconsin.gov](mailto:Joyce.Knapton@dhs.wisconsin.gov)

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Note: This report is available on the Web at: <https://www.dhs.wisconsin.gov/stats/deaths/index.htm>.

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## Introduction

All tables and figures in this report present Wisconsin resident data (deaths of Wisconsin residents). This means that deaths have been assigned to the area where the person lived (usually legal residence), regardless of where the death occurred. Most of the deaths reported in this publication occurred in Wisconsin, although the State Vital Records Office receives death data of Wisconsin residents from other states and countries as well.

Chapter 69 of the Wisconsin Statutes authorizes the Department of Health Services to supervise and direct the collection of death data. This statute also indicates how local registrars are to file certificates for deaths that occur in their jurisdictions.

Beginning with 1999 data, causes of death have been coded using the International Classification of Diseases, Tenth Revision (ICD-10). ICD-10 replaced the ICD-9 that was used to code death data for the years 1979-1998. ICD-10 is a classification system that was developed collaboratively by the World Health Organization (WHO) and 10 international centers to reflect advances in medical science and changes in diagnostic terminology, and to promote international comparability in the presentation of mortality statistics.

A comparability table has been prepared to assist the reader in comparing numbers of deaths by cause between 1999 (and subsequent years) and the years before 1999. The table is available on the Department of Health Services website at: <https://www.dhs.wisconsin.gov/stats/deaths/index.htm>.

Beginning September 1, 2013, Wisconsin deaths were no longer filed on paper death certificates as they had been in the past, but filed electronically. This report is a combination of data from paper death certificates submitted by funeral homes and data from death records filed electronically by funeral homes, so there may be some variation in the 2013 data due to differences in data format. There were 59 deaths of Wisconsin residents in 2013 that were reported as having more than one race. These deaths were not included in individual race categories, but were included in a “multiple race” category. This reporting change may lower the death rate for individual race categories.

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## Key Findings

- In 2013, there were 49,917 deaths of Wisconsin residents, 1,692 more than in 2012.
- In 2013, the Wisconsin death rate (deaths per 1,000 population) was 8.7, higher than the 2012 death rate (8.4).
- Age-specific death rates for males exceed death rates for females at all ages. However, among persons aged 85 and older, the number of female deaths is greater than the number of male deaths (even though male death rates remain higher). This is because many more females than males live past the age of 85.
- In 2013, cremations accounted for a majority of body dispositions in Wisconsin. Cremations constituted 51% of dispositions in 2013 (compared to 49% in 2012 and 33% in 2004); burials constituted 42% of total deaths in 2013 (compared to 44% in 2012 and 58% in 2004).
- The number of infant deaths (deaths before one year of age) increased from 385 in 2012 to 414 in 2013.
- A total of 60 deaths were reported as occurring due to injuries at work in 2013; during the 2008-2012 period, the average yearly number of deaths due to at-work injuries was 54.
- As in 2012, the two leading causes of death in 2013 were diseases of the heart and malignant neoplasms (cancer). These two causes of death accounted for 45% of total deaths among Wisconsin residents. The third leading cause of death in 2012 and 2013 was accidents.
- Accidents were the leading underlying cause of death among males age 1-44. For males aged 45 and older, cancer and heart disease were the two leading causes of death.
- Accidents were the leading underlying cause of death among females age 1-44. Cancer was the leading cause of death among women age 45-84. For women 85 years of age and older, heart disease was the leading cause.
- Diseases of the heart and cancer were the two leading underlying causes of death in each race group. In 2013, diseases of the heart accounted for 21% of deaths among blacks and American Indians, 23% of deaths among whites, and 18% of deaths among Asians. Cancer accounted for 25% of deaths among blacks, 20% of deaths among American Indians, and 23% of deaths among whites and Asians.
- Accidents were the third leading cause of death among white, black and American Indian males. Cerebrovascular disease was the third leading cause for Asian males.
- Among females in every race group, diseases of the heart and malignant neoplasms (cancer) were the two leading causes of death in 2013.
- Cancer and diseases of the heart were the leading causes of death among Hispanics/Latinos in 2013. Cancer accounted for 23% of deaths among both Hispanics/Latinos and non-Hispanics in 2013.
- There were 12 maternal deaths in 2013, more than the average annual number during the preceding five-year period. From 2008 to 2012, the average annual number of maternal deaths was 10. Maternal deaths are deaths attributed to pregnancy-related health conditions or events of delivery.



**Table 1. Deaths and Death Rates, Wisconsin and United States, Selected Years, 1910-2013**

Year	Number of Wisconsin Deaths	Wisconsin Death Rate	U.S. Death Rate
1910	28,213	12.1	14.7
1915	26,676	10.7	13.5
1920	29,859	11.3	13.0
1925	29,380	10.5	11.8
1930	30,488	10.4	11.3
1935	30,404	10.0	10.9
1940	31,457	10.0	10.8
1945	31,776	10.7	10.6
1950	33,573	9.7	9.6
1955	35,250	9.6	9.3
1960	38,121	9.6	9.5
1965	40,146	9.5	9.4
1970	40,820	9.2	9.5
1975	39,916	8.8	8.9
1980	40,801	8.7	8.8
1985	41,434	8.7	8.7
1990	42,655	8.7	8.6
1995	45,037	8.8	8.8
2000	46,405	8.7	8.7
2005	46,544	8.3	8.3
2010	47,212	8.3	8.0
2011	48,100	8.4	8.0
2012	48,225	8.4	8.1
2013	49,917	8.7	---

Source: Wisconsin data are from the Office of Health Informatics, Division of Public Health, Department of Health Services. U.S. death rates through 1995 are final data from the *Monthly Vital Statistics Reports* of the National Center for Health Statistics; this report is now titled *National Vital Statistics Reports*. U.S. death rates for 2000-2012 are final data from the *National Vital Statistics Reports*. No 2013 U.S. death rate was available as this report was being prepared.

Note: Rates shown here are deaths per 1,000 population.

- In 2013, there were 49,917 deaths of Wisconsin residents, 1,692 more than in 2012.
- In 2013, the Wisconsin death rate (deaths per 1,000 population) was 8.7, higher than the 2012 death rate (8.4).

**Table 2. Deaths and Death Rates by Age and Sex, Wisconsin 2013**

Age Group	Total		Male		Female	
	Number of Deaths	Death Rate	Number of Deaths	Death Rate	Number of Deaths	Death Rate
<b>All Ages</b>	<b>49,917</b>	<b>871.0</b>	<b>24,748</b>	<b>869.5</b>	<b>25,169</b>	<b>872.5</b>
Under 1	414	621.9	226	663.9	188	578.0
1-4	61	22.0	34	24.0	27	19.9
5-9	38	10.4	23	12.3	15	8.4
10-14	49	13.2	34	17.9	15	8.3
15-19	146	38.0	95	48.4	51	27.2
20-24	319	80.0	237	117.0	82	41.9
25-29	376	104.5	270	147.2	106	60.1
30-34	366	98.7	251	133.3	115	63.0
35-39	456	136.2	295	173.5	161	97.8
40-44	618	172.5	387	214.1	231	130.2
45-49	1,098	279.3	653	331.3	445	227.0
50-54	1,850	421.3	1,132	518.0	718	325.6
55-59	2,512	608.2	1,551	753.7	961	463.7
60-64	3,179	906.2	1,956	1,122.5	1,223	692.7
65-69	3,719	1,394.6	2,161	1,661.3	1,558	1,140.6
70-74	4,192	2,149.4	2,361	2,576.4	1,831	1,771.0
75-79	5,060	3,475.3	2,687	4,118.0	2,373	2,953.3
80-84	7,048	6,119.1	3,596	7,516.7	3,452	5,126.2
85-89	8,289	10,305.9	3,611	12,294.9	4,678	9,161.8
90-94	6,701	19,123.9	2,385	23,177.8	4,316	17,438.4
95 +	3,426	33,262.1	803	37,877.4	2,623	32,066.0

Source: Office of Health Informatics, Division of Public Health, Department of Health Services.  
For the population data used to calculate rates, see Technical Notes, page 86.

Note: Rates by age and sex are deaths per 100,000 population in that age group or age/sex group.

- Age-specific death rates generally increase with age, except that the death rate for infants (under age one) is higher than that for children in other age groups.
- Age-specific death rates for males exceed death rates for females at all ages. However, among persons aged 85 and older, the number of female deaths is greater than the number of male deaths (even though male death rates remain higher). This is because many more females than males live past the age of 85.

**Table 3. Population, Deaths and Death Rates by Region of Residence, Wisconsin 2013**

<b>DHS Regions</b>	<b>Estimated Population</b>	<b>Number of Deaths</b>	<b>Death Rate</b>
<b>State Total</b>	<b>5,730,937</b>	<b>49,917</b>	<b>871.0</b>
Northeastern	1,234,572	11,160	904.0
Northern	488,220	4,979	1,019.8
Southeastern	2,113,972	17,749	839.6
Southern	1,112,794	9,037	812.1
Western	781,379	6,984	893.8

Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Notes: Population numbers may not sum to total due to rounding. Rates shown here are deaths per 100,000 population. For a map of the Department of Health Services Regions, see Technical Notes, page 85. Effective with 2003 data, Vernon County is included in the Southern Region instead of the Western Region. There are eight deaths included in the state total for which county of residence is unknown.

- In 2013, death rates ranged from a low of 812.1 per 100,000 population in the Department of Health Services' Southern Region to a high of 1,019.8 in the Northern Region. Differences in the death rate by region reflect many factors, including the age distribution of the region's population.

**Deaths and Death Rates**

**Table 4. Deaths by County of Residence, Wisconsin 2004–2013**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>State Total</b>	<b>45,488</b>	<b>46,544</b>	<b>46,051</b>	<b>46,117</b>	<b>46,526</b>	<b>45,598</b>	<b>47,212</b>	<b>48,100</b>	<b>48,225</b>	<b>49,917</b>
Adams	220	225	218	250	202	227	255	237	222	279
Ashland	210	205	164	203	188	172	188	182	161	191
Barron	431	487	484	467	452	461	482	513	518	492
Bayfield	145	149	129	157	146	180	152	135	162	142
Brown	1,559	1,626	1,619	1,641	1,684	1,573	1,610	1,848	1,808	1,851
Buffalo	111	117	117	116	140	123	146	121	116	129
Burnett	174	182	181	166	153	144	135	164	158	187
Calumet	273	265	252	288	277	303	284	296	321	333
Chippewa	464	522	465	507	501	513	485	520	482	611
Clark	353	339	312	296	339	325	354	311	316	356
Columbia	496	498	465	502	502	480	514	521	502	519
Crawford	165	169	175	178	162	164	156	182	187	170
Dane	2,633	2,648	2,606	2,777	2,746	2,742	2,858	2,946	3,025	3,160
Dodge	823	826	871	871	844	841	913	838	841	903
Door	289	314	274	286	312	329	311	314	331	313
Douglas	448	425	448	439	415	394	397	409	419	446
Dunn	270	260	287	288	313	284	305	302	284	336
Eau Claire	700	704	772	719	708	697	703	781	761	839
Florence	54	45	51	46	56	48	66	44	35	61
Fond du Lac	887	1,000	941	932	915	842	902	912	910	953
Forest	101	103	128	120	120	106	109	115	116	109
Grant	506	484	518	511	477	466	504	506	429	491
Green	305	316	301	331	315	334	313	341	333	344
Green Lake	223	230	237	190	255	224	201	207	236	212
Iowa	202	177	197	185	204	164	208	216	194	197
Iron	89	110	78	85	76	87	83	76	89	109
Jackson	214	189	176	202	164	170	180	203	199	226
Jefferson	588	608	572	577	641	624	615	572	649	615
Juneau	279	278	267	277	269	258	274	275	267	330
Kenosha	1,295	1,253	1,260	1,306	1,254	1,215	1,272	1,385	1,368	1,358
Kewaunee	184	182	181	195	167	183	147	173	185	202
La Crosse	892	818	904	936	906	904	923	968	977	948
Lafayette	141	130	136	142	153	133	146	130	129	138
Langlade	244	233	216	242	251	228	202	228	231	238
Lincoln	287	316	296	286	322	290	300	326	328	367
Manitowoc	763	742	792	817	821	772	824	806	796	884

(continued)

## Deaths and Death Rates

**Table 4. Deaths by County of Residence, Wisconsin 2004–2013**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Marathon	925	976	932	1,035	1,092	1,019	1,100	1,162	1,111	1,151
Marinette	473	493	520	482	466	450	452	509	504	513
Marquette	167	185	180	159	155	161	179	158	157	183
Menominee	44	45	26	37	42	47	36	38	34	39
Milwaukee	8,492	8,605	8,190	8,151	8,026	7,856	8,147	8,080	8,025	8,232
Monroe	407	399	382	384	421	401	390	415	432	418
Oconto	327	327	323	315	349	347	356	350	318	345
Oneida	422	421	421	422	385	429	425	442	435	425
Outagamie	1,113	1,194	1,141	1,190	1,188	1,143	1,218	1,300	1,192	1,328
Ozaukee	635	605	678	690	679	688	744	672	753	688
Pepin	70	66	70	76	56	81	81	59	67	87
Pierce	232	229	215	232	249	242	231	203	253	265
Polk	397	401	404	406	448	409	401	377	394	451
Portage	454	491	459	481	460	448	477	504	510	537
Price	215	200	182	192	182	159	161	170	162	169
Racine	1,498	1,537	1,607	1,495	1,600	1,517	1,628	1,654	1,735	1,676
Richland	166	164	169	183	183	177	160	190	182	182
Rock	1,306	1,409	1,402	1,267	1,335	1,311	1,379	1,416	1,471	1,463
Rusk	176	191	167	147	158	159	170	169	189	183
St. Croix	413	429	435	443	473	519	541	525	530	520
Sauk	511	505	523	563	573	552	582	584	569	571
Sawyer	153	184	204	172	188	189	170	189	199	212
Shawano	422	448	429	413	448	375	449	438	429	496
Sheboygan	1,037	1,089	1,098	991	1,014	1,021	1,001	1,064	1,104	1,151
Taylor	159	196	149	175	195	191	198	176	145	190
Trempealeau	260	280	295	331	288	262	264	254	287	279
Vernon	271	324	281	296	294	294	270	319	255	290
Vilas	223	235	271	274	291	282	242	304	272	299
Walworth	871	860	845	806	789	844	836	891	848	964
Washburn	174	193	179	163	174	194	195	211	228	211
Washington	872	868	874	924	903	940	997	998	1,033	1,053
Waukesha	2,715	2,903	2,914	2,731	3,037	2,913	3,084	2,969	3,196	3,163
Waupaca	653	677	714	685	676	697	709	732	699	673
Waushara	296	237	246	271	249	223	259	272	290	264
Winnebago	1,247	1,258	1,321	1,272	1,330	1,355	1,397	1,473	1,372	1,420
Wood	674	745	714	731	679	702	762	730	759	779

Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Note: There are eight deaths included in the 2013 total for which county of residence is unknown.

## Deaths and Death Rates

**Table 5. Deaths by County of Residence and Selected Minor Civil Divisions, Wisconsin 2013**

<b>STATE TOTAL</b>	<b>49,917</b>	New Holstein (C)	61	Pleasant Springs (T)	14
Urban*	38,080	Sherwood (V)	16	Springfield (T)	10
Balance of County	11,837	Balance of County	75	Stoughton (C)	150
<b>ADAMS</b>	279	<b>CHIPPEWA</b>	611	Sun Prairie (C)	193
Rome (T)	29	Bloomer (C)	55	Verona (C)	107
Balance of County	250	Chippewa Falls (C)	221	Waunakee (V)	77
<b>ASHLAND</b>	191	Eagle Point (T)	19	Westport (T)	12
Ashland (C) (Pt.)	124	Eau Claire (C) (Pt.)	11	Windsor (T)	22
Balance of County	67	Lafayette (T)	44	Balance of County	271
<b>BARRON</b>	492	Lake Hallie (V)	29	<b>DODGE</b>	903
Barron (C)	67	Stanley (C)	30	Ashippun (T)	17
Rice Lake (C)	134	Wheaton (T)	10	Beaver Dam (C)	230
Rice Lake (T)	18	Balance of County	192	Beaver Dam (T)	14
Stanley (T)	12	<b>CLARK</b>	356	Fox Lake (T)	6
Balance of County	261	Stanley (C)	3	Hartford (C) (Pt.)	1
<b>BAYFIELD</b>	142	Balance of County	353	Horicon (C)	29
<b>BROWN</b>	1,851	<b>COLUMBIA</b>	519	Juneau (C)	37
Allouez (V)	146	Columbus (C) (Pt.)	50	Mayville (C)	53
Ashwaubenon (V)	145	Lodi (C)	38	Watertown (C) (Pt.)	155
Bellevue (V)	87	Lodi (T)	14	Waupun (C) (Pt.)	95
De Pere (C)	177	Pacific (T)	20	Balance of County	266
Green Bay (C)	871	Portage (C)	104	<b>DOOR</b>	313
Hobart (V)	33	Poynette (V)	16	Sevastopol (T)	16
Howard (V) (Pt.)	86	Balance of County	277	Sturgeon Bay (C)	133
Lawrence (T)	23	<b>CRAWFORD</b>	170	Balance of County	164
Ledgeview (T)	57	Prairie du Chien (C)	80	<b>DOUGLAS</b>	446
Pittsfield (T)	12	Balance of County	90	Superior (C)	319
Pulaski (V) (Pt.)	35	<b>DANE</b>	3,160	Balance of County	127
Scott (T)	22	Bristol (T)	11	<b>DUNN</b>	336
Suamico (V)	43	Burke (T)	9	Menomonie (C)	146
Wrightstown (V) (Pt.)	17	Cottage Grove (T)	13	Menomonie (T)	21
Balance of County	97	Cottage Grove (V)	51	Balance of County	169
<b>BUFFALO</b>	129	Cross Plains (V)	28	<b>EAU CLAIRE</b>	839
Mondovi (C)	33	DeForest (V)	63	Altoona (C)	104
Balance of County	96	Dunn (T)	20	Eau Claire (C) (Pt.)	569
<b>BURNETT</b>	187	Edgerton (C) (Pt.)	2	Pleasant Valley (T)	7
<b>CALUMET</b>	333	Fitchburg (C)	100	Seymour (T)	17
Appleton (C) (Pt.)	42	Madison (C)	1,520	Union (T)	11
Brillion (C)	35	Madison (T)	2	Washington (T)	26
Chilton (C)	58	Marshall (V)	31	Balance of County	105
Harrison (T)	30	McFarland (V)	53	<b>FLORENCE</b>	61
Kiel (C) (Pt.)	6	Middleton (C)	163	<b>FOND DU LAC</b>	953
Menasha (C) (Pt.)	10	Middleton (T)	10	Empire (T)	7
		Monona (C)	94	Fond du Lac (C)	509
		Mount Horeb (V)	63	Fond du Lac (T)	15
		Oregon (T)	8		
		Oregon (V)	63		

## Deaths and Death Rates

Friendship (T)	23	<b>KENOSHA</b>	1,358	Rib Mountain (T)	51
No. Fond du Lac (V)	39	Bristol (V)	37	Rothschild (V)	40
Ripon (C)	102	Genoa City (V)	1	Wausau (C)	441
Taycheedah (T)	26	Kenosha (C)	938	Weston (V)	118
Waupun (C) (Pt.)	31	Paddock Lake (V)	10	Balance of County	367
Balance of County	201	Pleasant Prairie (V)	131		
		Randall (T)	18	<b>MARINETTE</b>	513
<b>FOREST</b>	109	Salem (T)	85	Marinette (C)	130
		Silver Lake (V)	17	Peshtigo (C)	78
<b>GRANT</b>	491	Somers (T)	36	Peshtigo (T)	33
Boscobel (C)	47	Twin Lakes (V)	42	Stephenson (T)	40
Fennimore (C)	24	Wheatland (T)	11	Balance of County	232
Lancaster (C)	38	Balance of County	32		
Platteville (C)	60			<b>MARQUETTE</b>	183
Balance of County	322	<b>KEWAUNEE</b>	202		
		Algoma (C)	44	<b>MENOMINEE</b>	39
<b>GREEN</b>	344	Kewaunee (C)	56	Menominee (T)	39
Brodhead (C) (Pt.)	33	Luxemburg (V)	26		
Monroe (C)	154	Balance of County	76	<b>MILWAUKEE</b>	8,232
Balance of County	157			Bayside (V) (Pt.)	41
		<b>LA CROSSE</b>	948	Brown Deer (V)	106
<b>GREEN LAKE</b>	212	Campbell (T)	31	Cudahy (C)	201
Berlin (C) (Pt.)	69	Holland (T)	18	Fox Point (V)	39
Balance of County	143	Holmen (V)	61	Franklin (C)	259
		La Crosse (C)	503	Glendale (C)	181
<b>IOWA</b>	197	Onalaska (C)	146	Greendale (V)	162
Dodgeville (C)	58	Onalaska (T)	19	Greenfield (C)	485
Balance of County	139	Shelby (T)	18	Hales Corners (V)	84
		West Salem (V)	70	Milwaukee (C) (Pt.)	4,532
<b>IRON</b>	109	Balance of County	82	Oak Creek (C)	269
				Shorewood (V)	66
<b>JACKSON</b>	226	<b>LAFAYETTE</b>	138	South Milwaukee (C)	277
Black River Falls (C)	87			St. Francis (C)	111
Brockway (T)	16	<b>LANGLADE</b>	238	Wauwatosa (C)	581
Balance of County	123	Antigo (C)	130	West Allis (C)	712
		Balance of County	108	West Milwaukee (V)	35
<b>JEFFERSON</b>	615			Whitefish Bay (V)	68
Ft. Atkinson (C)	113	<b>LINCOLN</b>	367	Balance of County	23
Ixonia (T)	19	Merrill (C)	177		
Jefferson (C)	114	Merrill (T)	10	<b>MONROE</b>	418
Johnson Creek (V)	19	Tomahawk (C)	74	Sparta (C)	99
Koshkonong (T)	33	Balance of County	106	Sparta (T)	35
Lake Mills (C)	58			Tomah (C)	136
Oakland (T)	18	<b>MANITOWOC</b>	884	Balance of County	148
Waterloo (C)	9	Kiel (C) (Pt.)	30		
Watertown (C) (Pt.)	93	Manitowoc (C)	482	<b>OCONTO</b>	345
Whitewater (C) (Pt.)	8	Two Rivers (C)	153	Chase (T)	19
Balance of County	131	Balance of County	219	Little Suamico (T)	16
				Oconto (C)	60
<b>JUNEAU</b>	330	<b>MARATHON</b>	1,151	Oconto Falls (C)	51
Mauston (C)	65	Kronenwetter (V)	40	Balance of County	199
Necedah (T)	30	Marshfield (C) (Pt.)	46		
Balance of County	235	Mosinee (C)	48		

## Deaths and Death Rates

<b>ONEIDA</b>	425	<b>PORTAGE</b>	537	North Hudson (V)	17
Minocqua (T)	58	Hull (T)	19	Richmond (T)	12
Newbold (T)	18	Plover (V)	93	River Falls (C) (Pt.)	46
Pelican (T)	20	Stevens Point (C)	258	Somerset (T)	12
Pine Lake (T)	15	Stockton (T)	11	Somerset (V)	10
Rhineland (C)	146	Balance of County	156	St. Joseph (T)	10
Balance of County	168			Star Prairie (T)	16
		<b>PRICE</b>	169	Troy (T)	8
<b>OUTAGAMIE</b>	1,328			Balance of County	144
Appleton (C) (Pt.)	509	<b>RACINE</b>	1,676		
Buchanan (T)	34	Burlington (C) (Pt.)	127	<b>SAUK</b>	571
Center (T)	15	Burlington (T)	39	Baraboo (C)	134
Combined Locks (V)	12	Caledonia (V)	187	Lake Delton (V)	23
Dale (T)	10	Dover (T)	50	Prairie du Sac (V)	26
Ellington (T)	17	Mt. Pleasant (V)	259	Reedsburg (C)	120
Freedom (T)	34	Norway (T)	44	Sauk City (V)	47
Grand Chute (T)	187	Racine (C)	682	Balance of County	221
Greenville (T)	41	Raymond (T)	22		
Hortonville (V)	16	Rochester (V)	24	<b>SAWYER</b>	212
Kaukauna (C)	128	Sturtevant (V)	51	Hayward (T)	44
Kimberly (V)	51	Union Grove (V)	64	Balance of County	168
Little Chute (V)	94	Waterford (T)	30		
New London (C) (Pt.)	10	Waterford (V)	59	<b>SHAWANO</b>	496
Oneida (T)	36	Yorkville (T)	16	Pulaski (V) Pt.	2
Seymour (C)	50	Balance of County	22	Shawano (C)	152
Balance of County	84			Wescott (T)	25
		<b>RICHLAND</b>	182	Balance of County	317
<b>OZAUKEE</b>	688	Richland Center (C)	68		
Bayside (V) (Pt.)	1	Balance of County	114	<b>SHEBOYGAN</b>	1,151
Cedarburg (C)	137			Greenbush (T)	2
Cedarburg (T)	20	<b>ROCK</b>	1,463	Howards Grove (V)	26
Grafton (T)	24	Beloit (C)	387	Lima (T)	15
Grafton (V)	88	Beloit (T)	62	Oostburg (V)	16
Mequon (C)	175	Brodhead (C) (Pt.)	12	Plymouth (C)	123
Port Washington (C)	122	Edgerton (C) (Pt.)	55	Plymouth (T)	45
Saukville (V)	25	Evansville (C)	39	Sheboygan (C)	558
Thiensville (V)	34	Fulton (T)	28	Sheboygan (T)	32
Balance of County	62	Janesville (C)	603	Sheboygan Falls (C)	134
		Janesville (T)	23	Wilson (T)	16
<b>PEPIN</b>	87	Milton (C)	46	Balance of County	184
		Milton (T)	13		
<b>PIERCE</b>	265	Rock (T)	23	<b>TAYLOR</b>	190
Ellsworth (V)	23	Balance of County	172	Medford (C)	71
Prescott (C)	28			Medford (T)	14
River Falls (C) (Pt.)	64	<b>RUSK</b>	183	Balance of County	105
Balance of County	150	Ladysmith (C)	82		
		Balance of County	101	<b>TREMPEALEAU</b>	279
<b>POLK</b>	451			Arcadia (C)	25
Alden (T)	11	<b>ST. CROIX</b>	520	Balance of County	254
Amery (C)	75	Baldwin (V)	32		
Osceola (T)	11	Hudson (C)	123	<b>VERNON</b>	290
Osceola (V)	28	Hudson (T)	20	Viroqua (C)	78
Balance of County	326	New Richmond (C)	70	Balance of County	212



## Deaths and Death Rates

<b>VILAS</b>	299	Kewaskum (V)	30	<b>WAUPACA</b>	673
Arbor Vitae (T)	29	Polk (T)	23	Clintonville (C)	52
Lac Du Flambeau (T)	39	Richfield (T)	1	Dayton (T)	24
Balance of County	231	Slinger (V)	55	Farmington (T)	161
		Trenton (T)	30	Mukwa (T)	11
<b>WALWORTH</b>	964	West Bend (C)	298	New London (C) (Pt.)	83
Bloomfield (V)	19	West Bend (T)	85	Waupaca (C)	92
Burlington (C) Pt.	1	Balance of County	101	Balance of County	250
Delavan (C)	89				
Delavan (T)	53	<b>WAUKESHA</b>	3,163	<b>WAUSHARA</b>	264
East Troy (T)	22	Brookfield (C)	404	Berlin (C) (Pt.)	1
East Troy (V)	51	Brookfield (T)	39	Balance of County	263
Elkhorn (C)	103	Delafield (C)	49		
Geneva (T)	47	Delafield (T)	25	<b>WINNEBAGO</b>	1,420
Genoa City (V)	19	Eagle (T)	14	Algoma (T)	23
Lake Geneva (C)	104	Elm Grove (V)	53	Appleton (C) (Pt.)	57
Lyons (T)	37	Hartland (V)	54	Clayton (T)	18
Sugar Creek (T)	49	Lisbon (T)	44	Menasha (C) (Pt.)	122
Walworth (V)	36	Menomonee Falls (V)	391	Menasha (T)	136
Whitewater (C) (Pt.)	79	Merton (T)	34	Neenah (C)	263
Williams Bay (V)	39	Merton (V)	8	Neenah (T)	14
Balance of County	216	Mukwonago (T)	39	Omro (C)	34
		Mukwonago (V) (Pt.)	91	Oshkosh (C)	626
<b>WASHBURN</b>	211	Muskego (C)	168	Balance of County	127
Spooner (C)	48	New Berlin (C)	363		
Balance of County	163	Oconomowoc (C)	174	<b>WOOD</b>	779
		Oconomowoc (T)	41	Grand Rapids (T)	29
<b>WASHINGTON</b>	1,053	Ottawa (T)	10	Marshfield (C) (Pt.)	208
Addison (T)	15	Pewaukee (C)	140	Nekoosa (C)	31
Barton (T)	12	Pewaukee (V)	84	Saratoga (T)	37
Erin (T)	17	Sussex (V)	65	Wisc. Rapids (C)	298
Farmington (T)	19	Vernon (T)	20	Balance of County	176
Germantown (V)	131	Wales (V)	11		
Hartford (C)	138	Waukesha (C)	551		
Hartford (T)	16	Waukesha (T)	37		
Jackson (T)	29	Balance of County	254		
Jackson (V)	53				

Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Notes: Minor civil divisions are City (C), Village (V) and Township (T). Places located in more than one county are indicated by (Pt.) (an abbreviation of "Part"). There are 8 deaths included in the total for which county of residence is unknown.

\* "Urban" is sum of incorporated places having a population of 2,500 or more according to latest estimate.

## Deaths and Death Rates

**Table 6. Deaths by County of Residence and County of Occurrence, Wisconsin 2013**

	Residence	Occurrence		Residence	Occurrence
<b>State Total</b>	<b>49,917</b>	<b>49,748</b>			
Adams	279	180	Marathon	1,151	1,375
Ashland	191	181	Marinette	513	501
Barron	492	444	Marquette	183	111
Bayfield	142	105	Menominee	39	17
Brown	1,851	2,246	Milwaukee	8,232	8,785
Buffalo	129	66	Monroe	418	383
Burnett	187	131	Oconto	345	249
Calumet	333	242	Oneida	425	478
Chippewa	611	483	Outagamie	1,328	1,491
Clark	356	229	Ozaukee	688	1,009
Columbia	519	469	Pepin	87	73
Crawford	170	140	Pierce	265	171
Dane	3,160	3,996	Polk	451	374
Dodge	903	766	Portage	537	447
Door	313	278	Price	169	136
Douglas	446	266	Racine	1,676	1,466
Dunn	336	246	Richland	182	160
Eau Claire	839	1,203	Rock	1,463	1,374
Florence	61	40	Rusk	183	154
Fond du Lac	953	958	St. Croix	520	480
Forest	109	73	Sauk	571	532
Grant	491	419	Sawyer	212	164
Green	344	317	Shawano	496	414
Green Lake	212	197	Sheboygan	1,151	1,116
Iowa	197	166	Taylor	190	152
Iron	109	65	Trempealeau	279	199
Jackson	226	178	Vernon	290	233
Jefferson	615	543	Vilas	299	181
Juneau	330	239	Walworth	964	830
Kenosha	1,358	1,354	Washburn	211	176
Kewaunee	202	126	Washington	1,053	915
La Crosse	948	1,367	Waukesha	3,163	3,103
Lafayette	138	90	Waupaca	673	567
Langlade	238	198	Waushara	264	174
Lincoln	367	298	Winnebago	1,420	1,516
Manitowoc	884	753	Wood	779	1,190

Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Notes: The “residence” column indicates the number of deaths among residents of the county, regardless of where the person died. The “occurrence” column indicates the number of deaths that occurred in that county, regardless of where the person resided. Statewide totals for the two columns differ because some Wisconsin resident deaths occur outside the state, and some deaths of non-residents occur within the state. There are eight deaths included in the deaths by residence total for which county of residence is unknown.

**Table 7. Deaths by Disposition of Body, Wisconsin 2004-2013**

Disposition of Body	Years									
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>TOTAL DEATHS</b>	<b>45,488</b>	<b>46,544</b>	<b>46,051</b>	<b>46,117</b>	<b>46,526</b>	<b>45,598</b>	<b>47,212</b>	<b>48,100</b>	<b>48,225</b>	<b>49,917</b>
<b>PERCENT</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Burial	26,531	26,769	25,653	25,001	24,110	22,417	22,472	22,016	21,068	20,888
Percent	58.3	57.5	55.7	54.2	51.8	49.2	47.5	45.8	43.7	41.9
Cremation	15,044	15,884	16,550	17,337	18,687	19,636	21,183	22,546	23,686	25,473
Percent	33.1	34.1	35.9	37.6	40.2	43.1	44.9	46.9	49.1	51.0
Entombment	3,515	3,567	3,397	3,321	3,273	3,149	3,155	3,124	3,054	2,980
Percent	7.7	7.7	7.4	7.2	7.0	6.9	6.7	6.5	6.3	6.0
Donation	249	274	267	245	258	262	298	305	308	336
Percent	0.5	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.7
Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	115
Percent										0.2
Unknown	149	50	184	213	198	134	104	109	109	125
Percent	0.3	0.1	0.4	0.5	0.4	0.3	0.2	0.2	0.2	0.2

Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Notes: Percents may not add to 100 due to rounding.

“Donation” means the body was donated for use in medical research and/or education.

“Entombment” means the casket is placed in an above-ground structure, such as a mausoleum.

“Unknowns” are due to reporting of Wisconsin resident deaths occurring in other states. Some states do not consistently report disposition of the body.

Beginning with deaths occurring after September 1, 2013, a new disposition category of “Other” was added.

- In 2013, cremations accounted for a majority of body dispositions in Wisconsin. Cremations constituted 51 percent of dispositions in 2013 (compared to 49% in 2012 and 33% in 2004); burials constituted 42 percent of total deaths in 2013 (compared to 44% in 2012 and 58% in 2004).

**Table 8. Autopsies Performed by Age of Decedent, Wisconsin, Selected Years, 1980–2013**

Years	Total	Age			
		Under 1	1-44	45-64	65+
<b>1980</b>					
Autopsy	5,673	469	1,065	1,649	2,490
No Autopsy	35,010	290	1,742	5,590	27,388
Unknown	116	6	5	17	88
<b>Total Deaths</b>	<b>40,801</b>	<b>765</b>	<b>2,812</b>	<b>7,256</b>	<b>29,966</b>
<b>Percent with Autopsy</b>	<b>14%</b>	<b>61%</b>	<b>38%</b>	<b>23%</b>	<b>8%</b>
<b>1990</b>					
Autopsy	4,451	343	1,297	1,107	1,704
No Autopsy	38,062	264	1,471	5,020	31,307
Unknown	142	6	9	25	102
<b>Total Deaths</b>	<b>42,655</b>	<b>613</b>	<b>2,777</b>	<b>6,152</b>	<b>33,113</b>
<b>Percent with Autopsy</b>	<b>10%</b>	<b>56%</b>	<b>47%</b>	<b>18%</b>	<b>5%</b>
<b>2000</b>					
Autopsy	3,582	183	1,240	1,139	1,020
No Autopsy	42,607	273	1,508	5,306	35,520
Unknown	215	1	20	37	157
<b>Total Deaths</b>	<b>46,405</b>	<b>457</b>	<b>2,768</b>	<b>6,482</b>	<b>36,697</b>
<b>Percent with Autopsy</b>	<b>8%</b>	<b>40%</b>	<b>45%</b>	<b>18%</b>	<b>3%</b>
<b>2010</b>					
Autopsy	3,315	144	1,155	1,373	643
No Autopsy	43,864	249	1,187	6,668	35,760
Unknown	33		3	4	26
<b>Total Deaths</b>	<b>47,212</b>	<b>393</b>	<b>2,345</b>	<b>8,045</b>	<b>36,429</b>
<b>Percent with Autopsy</b>	<b>7%</b>	<b>37%</b>	<b>49%</b>	<b>17%</b>	<b>2%</b>
<b>2013</b>					
Autopsy	3,611	121	1,294	1,498	698
No Autopsy	46,257	293	1,130	7,124	37,710
Unknown	49	0	5	17	27
<b>Total Deaths</b>	<b>49,917</b>	<b>414</b>	<b>2,429</b>	<b>8,639</b>	<b>38,435</b>
<b>Percent with Autopsy</b>	<b>7%</b>	<b>29%</b>	<b>53%</b>	<b>17%</b>	<b>2%</b>

Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Notes: There were two deaths in 1980 and one death in 2000 for which age was unknown. These deaths are not included in the “Total Deaths” for those years.

- In 2013, an autopsy was performed in just 7 percent of deaths, compared with 14 percent in 1980.
- Autopsies are performed most frequently among children and young adults. In 2013, an autopsy was performed in 53 percent of deaths in which the decedent was aged 1-44.

## Deaths and Death Rates

**Table 9. Deaths by Injury at Work by Age, Sex, Race and Hispanic Origin, Wisconsin, 2013**

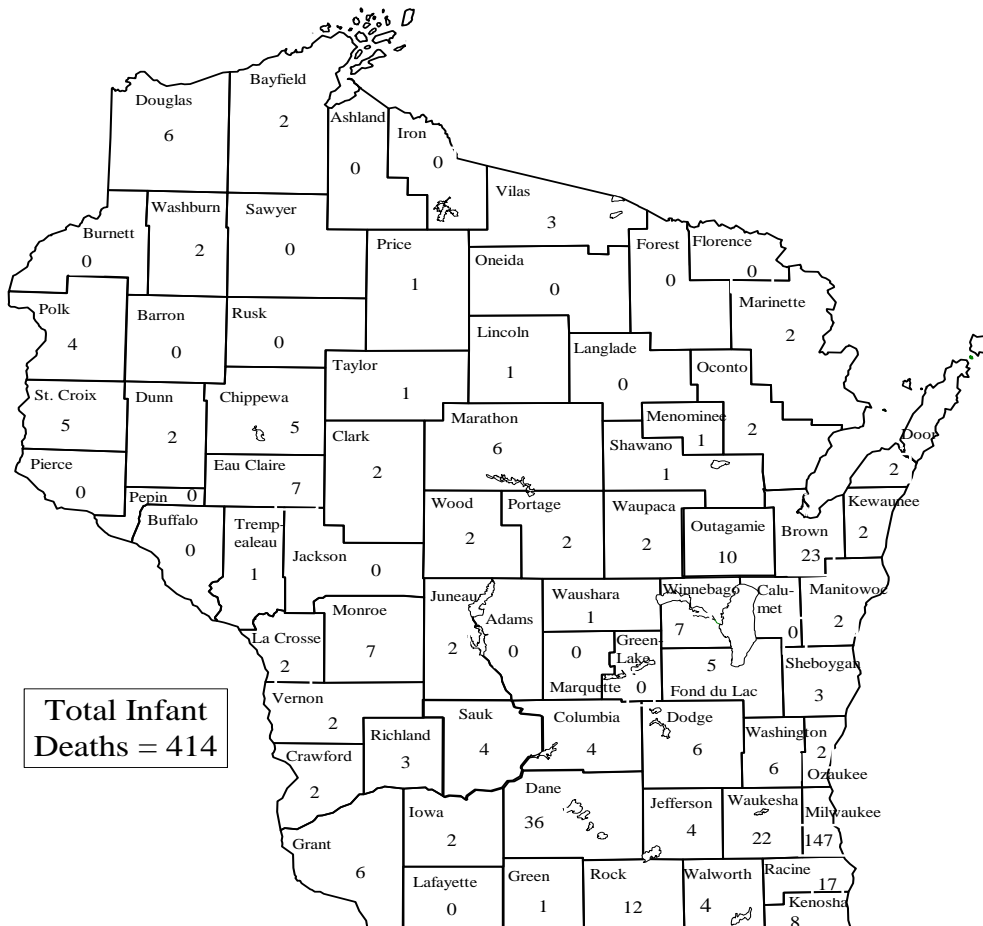
	Age							
	Less than 15	15 and over	15-24	25-34	35-44	45-54	55-64	65 and over
<b>ALL RACES, Both Sexes</b>	---	<b>60</b>	<b>6</b>	<b>12</b>	<b>5</b>	<b>9</b>	<b>15</b>	<b>13</b>
<b>Male</b>	---	<b>53</b>	<b>6</b>	<b>12</b>	<b>4</b>	<b>9</b>	<b>11</b>	<b>11</b>
<b>Female</b>	---	<b>7</b>	---	---	<b>1</b>	---	<b>4</b>	<b>2</b>
White, Both Sexes	---	55	5	11	4	9	13	13
Male	---	48	5	11	3	9	9	11
Female	---	7	---	---	1	---	4	2
Black, Both Sexes	---	3	1	1	1	---	---	---
Male	---	3	1	1	1	---	---	---
Female	---	---	---	---	---	---	---	---
Other, Both Sexes	---	2	---	---	---	---	2	---
Male	---	2	---	---	---	---	2	---
Female	---	---	---	---	---	---	---	---
Hispanic, Both Sexes	---	5	---	2	2	---	1	---
Male	---	5	---	2	2	---	1	---
Female	---	---	---	---	---	---	---	---
Non-Hispanic, Both Sexes	---	55	6	10	3	9	14	13
Male	---	48	6	10	2	9	10	11
Female	---	7	---	---	1	---	4	2

Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Notes: Race categories may include people of Hispanic origin; people of Hispanic origin may be of any race. This table shows the number of death certificates that specified that an injury at work contributed to the death, either as the underlying cause or as a contributing factor. Dashes (---) indicate there were no deaths in that category.

- A total of 60 deaths were reported as occurring due to injuries at work in 2013; during the 2008-2012 period, the average yearly number of deaths due to at-work injuries was 54.
- Eighty-eight percent of deaths due to injuries at work in 2013 were to males.

**Map 1. Number of Infant Deaths  
By County of Residence, Wisconsin 2013**

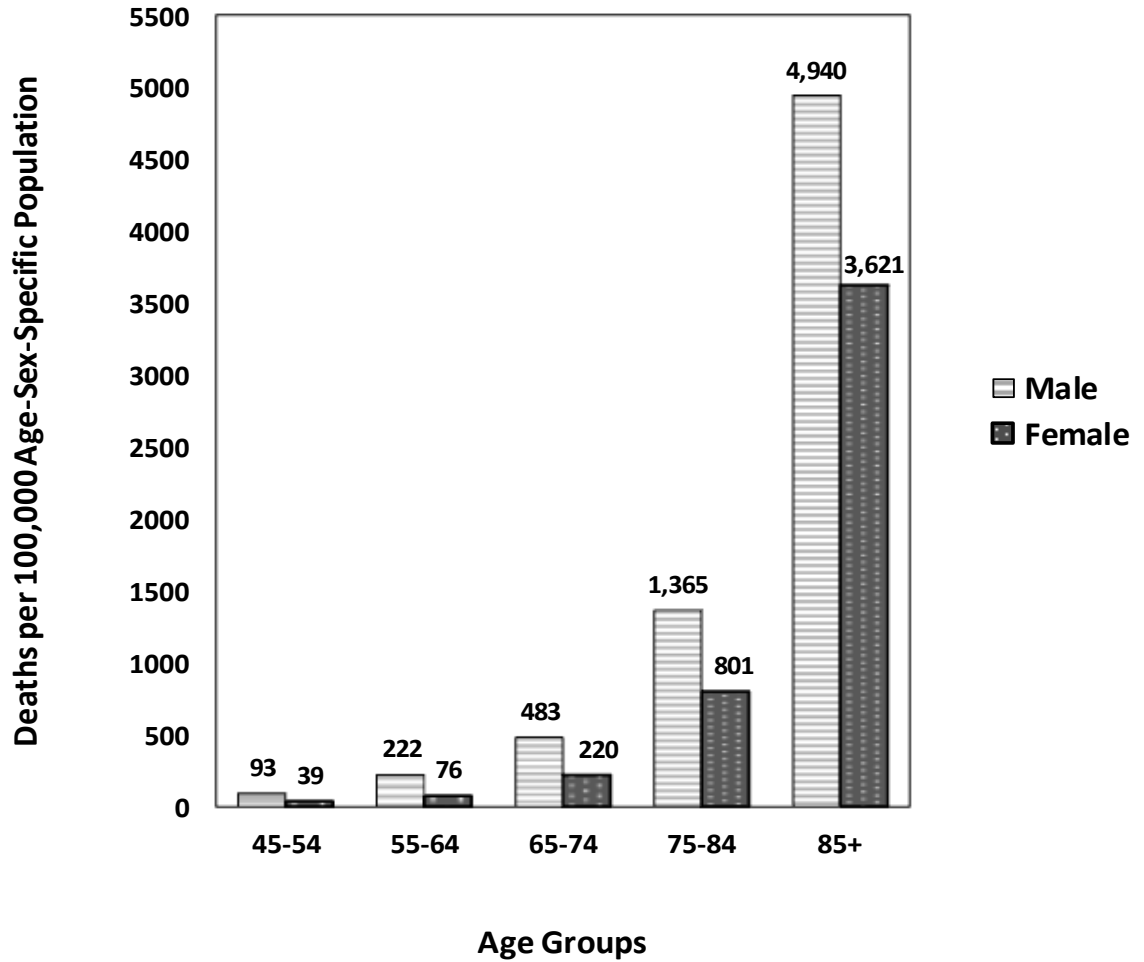


Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Notes: Infant deaths are those that occur before one year of age.  
Refer to Table A5, page 90, for the population of each county.

- The number of infant deaths increased from 385 in 2012 to 414 in 2013.
- Milwaukee County accounted for 35 percent of all infant deaths statewide in 2013, a higher percentage than in 2012 (29%). Milwaukee County had 21% of Wisconsin resident births in 2013.

**Figure 1. Heart Disease Death Rates by Selected Age Groups and Sex, Wisconsin 2013**

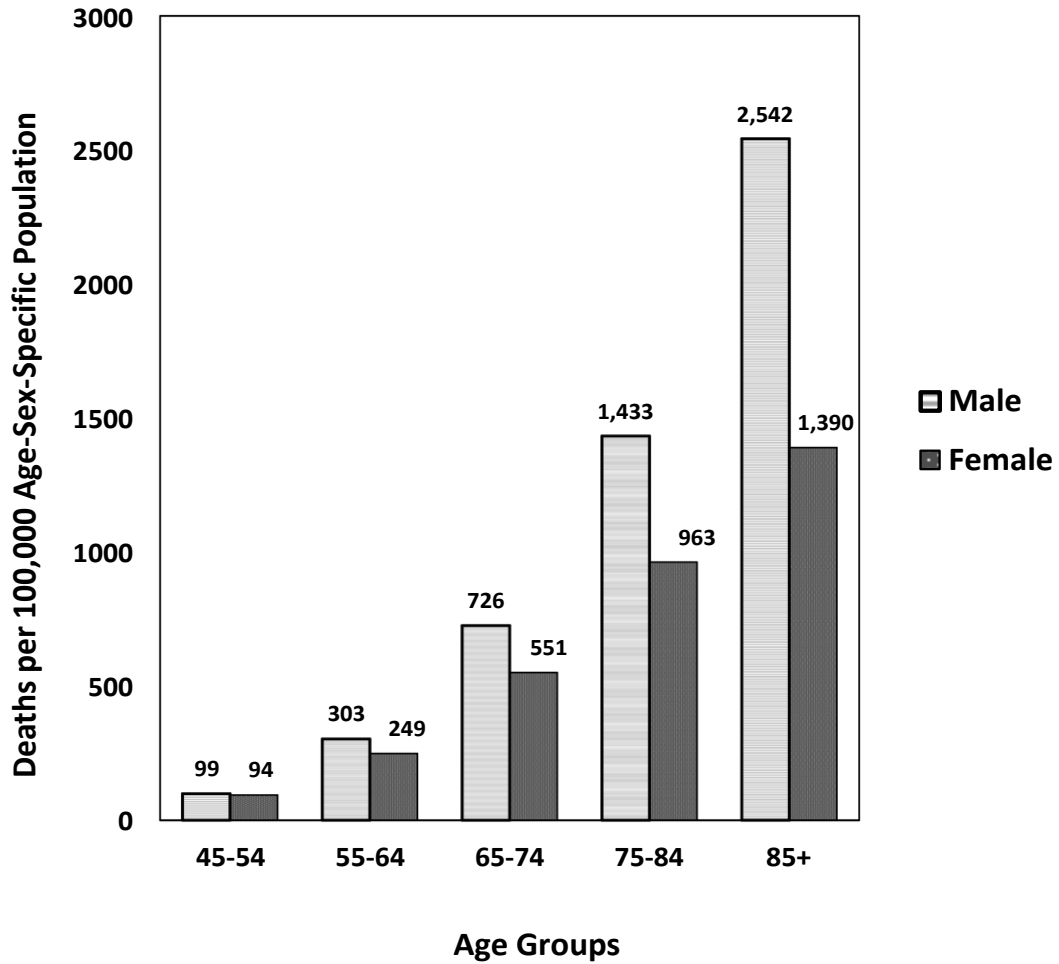


Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Note: The ICD-10 codes used for diseases of the heart are I00-I09, I11, I13, I20-I51.

- Death rates from diseases of the heart for males exceeded rates for females in all age groups.

**Figure 2. Malignant Neoplasm (Cancer)  
Death Rates by Selected Age Groups and Sex,  
Wisconsin 2013**



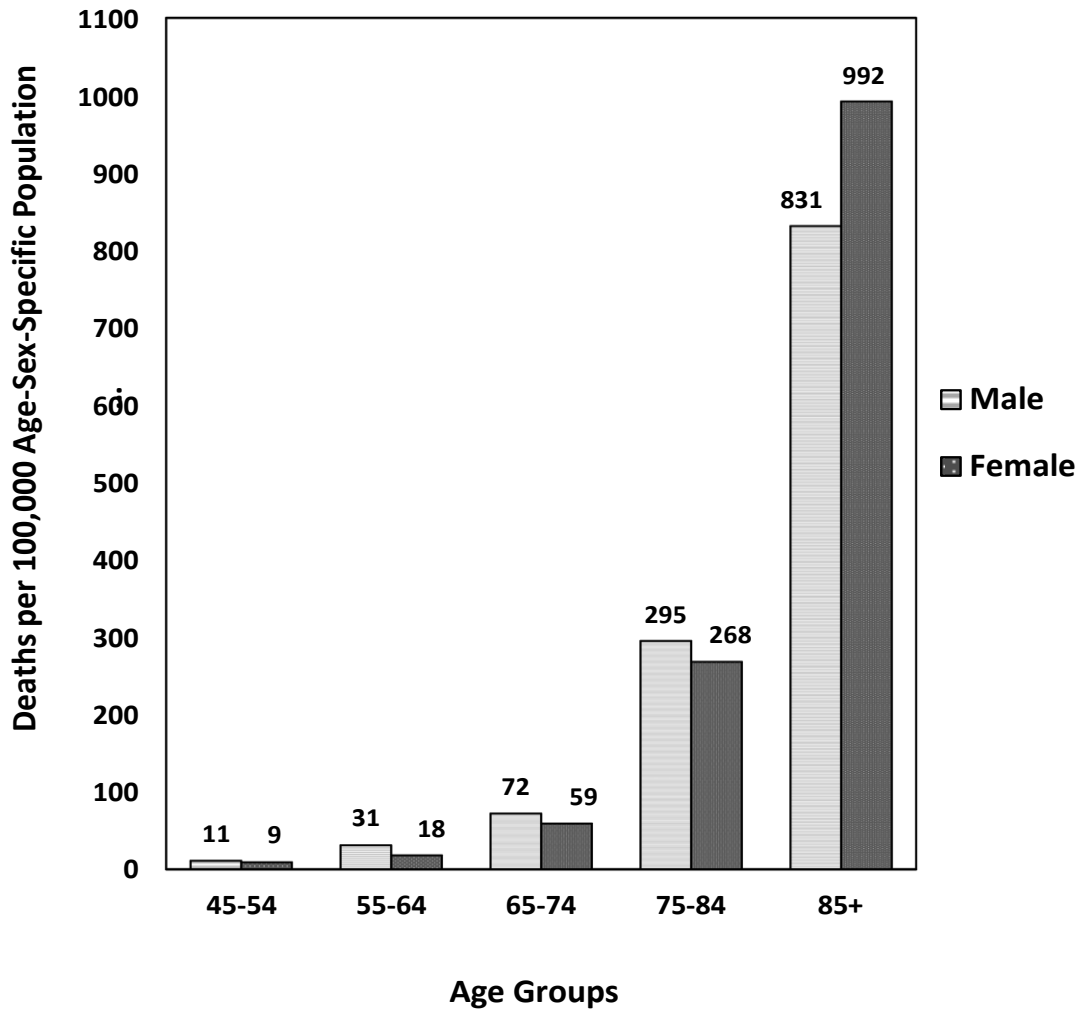
Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Note: The ICD-10 codes used for malignant neoplasms are C00-C97.

- Cancer death rates for males exceeded rates for females in all age groups.



**Figure 3. Cerebrovascular Diseases (Stroke)  
Death Rates by Selected Age Groups and Sex,  
Wisconsin 2013**

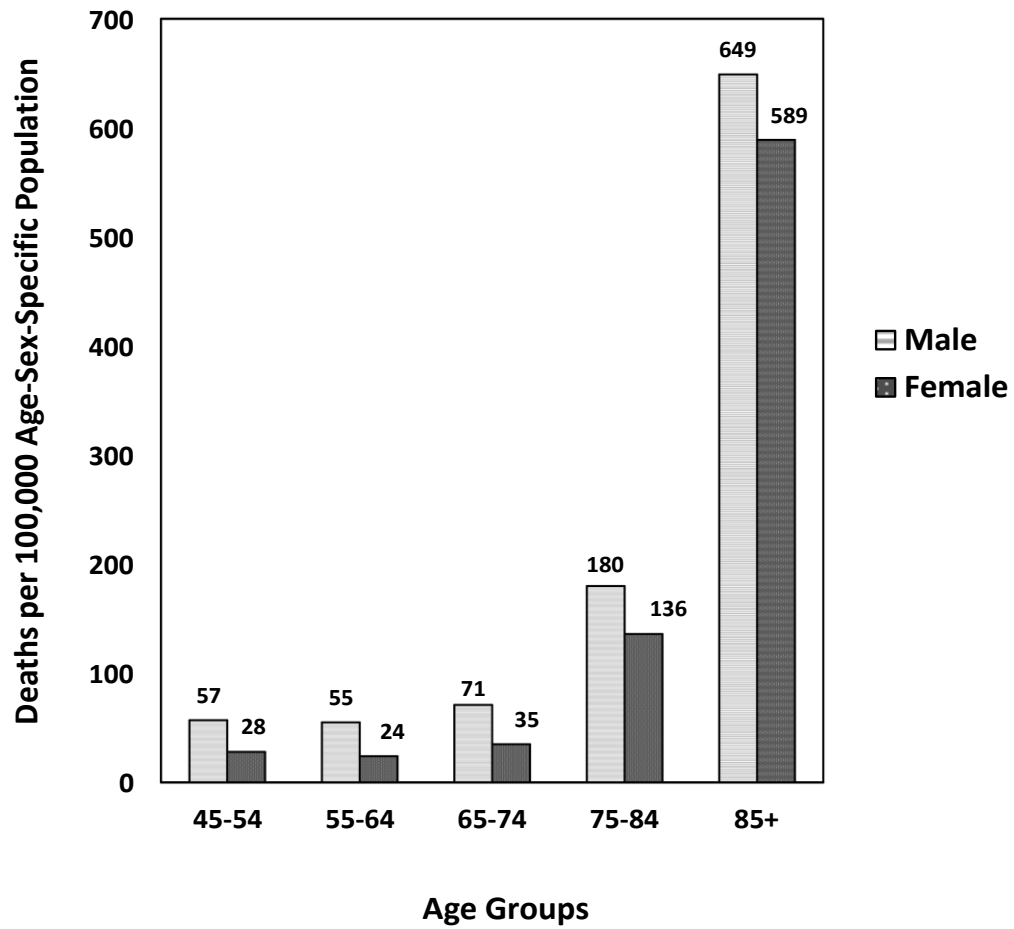


Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Note: The ICD-10 codes used for cerebrovascular diseases are I60-I69.

- Death rates from cerebrovascular diseases (strokes) for males exceeded rates for females in almost every age group. For ages 85 and over, the female death rate was higher.

**Figure 4. Accident Death Rates by Selected Age Groups and Sex, Wisconsin 2013**



Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Note: The ICD-10 codes used for accidents (excluding medical/surgical complications) are V01-X59 and Y85-Y86.

- Accident death rates for males exceeded rates for females in all age groups.

## Cause of Death

**Table 10. Summary Categories of Cause of Death, Wisconsin 2013**

	<b>Underlying Cause of Death</b>	<b>All-Mention Cause of Death</b>
<b>ALL CAUSES</b>	<b>49,917</b>	<b>106,579</b>
Tuberculosis	4	5
Syphilis	---	1
Human Immunodeficiency Virus (HIV)	34	41
Malignant Neoplasms	11,396	12,422
Diabetes Mellitus	1,278	4,520
Alzheimer's Disease	1,663	2,087
Diseases of the Heart	11,310	19,479
Essential Hypertension and Hypertensive Renal Disease	426	5,782
Cerebrovascular Diseases	2,523	4,106
Atherosclerosis	143	571
Other Diseases of Circulatory System	465	1,036
Influenza and Pneumonia	1,113	3,008
Chronic Lower Respiratory Diseases	2,785	5,503
Peptic Ulcer	68	120
Chronic Liver Disease and Cirrhosis	616	958
Nephritis, Nephrotic Syndrome and Nephrosis	993	3,817
Pregnancy, Childbirth and the Puerperium	12	20
Certain Conditions Originating in Perinatal Period	218	293
Congenital Malform./Deform./Chromosomal Abnorm.	215	327
Sudden Infant Death Syndrome	19	19
Symptoms/Signs/Abnormal Clinical/Lab Findings	309	5,744
Motor Vehicle Accidents	546	561
All Accidents (except motor vehicle)	2,362	3,461
Intentional Self-Harm (Suicide)	853	854
Assault (Homicide)	177	178
All Other External Causes	72	80
All Other Diseases	10,317	31,586

Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Notes: The underlying cause of death is the disease or injury that initiated events resulting in death. All-mention cause of death includes all conditions listed on the death record, including those in the chain of events leading to death and others contributing to the death. Thus, the all-mention cause of death column will always have a higher total than the total number of deaths. For the ICD-10 codes used for each cause, see Technical Notes, page 83. Dashes (---) indicate there were no deaths in that category.

- The underlying cause is often referred to as the “cause of death.” For example, for 11,396 Wisconsin residents who died in 2013, a malignant neoplasm was listed as the underlying cause on the death certificate. For 12,422 residents, a malignant neoplasm contributed to death (all-mention cause).

**Cause of Death**

**Table 11. Leading Underlying Causes of Death by Age, Wisconsin 2012 and 2013**

<b>2012</b>	<b>Number</b>	<b>Rate</b>	<b>2013</b>	<b>Number</b>	<b>Rate</b>
<b>TOTAL, ALL AGES</b>	<b>48,225</b>	<b>843.8</b>	<b>TOTAL, ALL AGES</b>	<b>49,917</b>	<b>871.0</b>
Diseases of the Heart	11,249	196.8	Malignant Neoplasms	11,396	198.9
Malignant Neoplasms	11,185	195.7	Diseases of the Heart	11,310	197.4
Accidents (ex. med./surg. comp.)	2,789	48.8	Accidents (ex. med./surg. comp.)	2,927	51.1
Cerebrovascular Diseases	2,506	43.8	Chronic Lower Respiratory Dis.	2,785	48.6
Chronic Lower Respiratory Dis.	2,505	43.8	Cerebrovascular Diseases	2,523	44.0
Alzheimer's Disease	1,642	28.7	Alzheimer's Disease	1,663	29.0
Diabetes Mellitus	1,275	22.3	Diabetes Mellitus	1,278	22.3
Nephritis/Nephrotic Syn./Nephrosis	1,027	18.0	Influenza and Pneumonia	1,113	19.4
Influenza and Pneumonia	1,000	17.5	Nephritis/Nephrotic Syn./Nephrosis	993	17.3
Intentional Self-Harm (Suicide)	734	12.8	Intentional Self-Harm (Suicide)	853	14.9
<b>LESS THAN 1 YEAR</b>	<b>385</b>	<b>572.7</b>	<b>LESS THAN 1 YEAR</b>	<b>414</b>	<b>621.9</b>
Dis. Rel. Short Gesta./Low Brthwgt.	94	139.8	Congenital Malformations, etc.	93	139.7
Congenital Malformations, etc.	82	122.0	Dis. Rel. Short Gestation/Low Brthwgt.	92	138.2
Sudden Infant Death Syndrome	29	43.1	Sudden Infant Death Syndrome	19	
Accidents (ex. med./surg. comp.)	19		Newborn Affect. Mat. Comp. Preg.	15	
Newborn Affect. Mat. Comp. Preg.	18		Newborn Affect. Comp. Placenta	14	
Newborn Affect. Comp. Placenta	16		Accidents (ex. med./surg. comp.)	13	
Neonatal Hemorrhage	9		Diseases of the Circulatory System	12	
Respiratory Distress of Newborn	8		Respiratory Distress of Newborn	12	
Diarrhea/Gastroenteritis Infect.Origin	6		Bacterial Sepsis of Newborn	10	
Bacterial Sepsis of Newborn	6		Necrotizing Enterocolitis of Newborn	9	
<b>1-14 YEARS</b>	<b>140</b>	<b>13.7</b>	<b>1-14 YEARS</b>	<b>148</b>	<b>14.6</b>
Accidents (ex. med./surg. comp.)	47	4.6	Accidents (ex. med./surg. comp.)	37	3.6
Malignant Neoplasms	15		Malignant Neoplasms	17	
Assault (Homicide)	14		Congenital Malformations, etc.	16	
Congenital Malformations, etc.	10		Assault (Homicide)	11	
Intentional Self-Harm (Suicide)	10		Intentional Self-Harm (Suicide)	6	
Influenza and Pneumonia	5		In Situ/Benign/Uncer. Neoplasms	4	
Diseases of the Heart	4		Chronic Lower Respiratory Disease	4	
Septicemia	2		Diseases of the Heart	3	
In Situ/Benign/Uncer. Neoplasms	2		Influenza and Pneumonia	3	
Cerebrovascular Diseases	2		Septicemia	2	
<b>15-24 YEARS</b>	<b>496</b>	<b>63.6</b>	<b>15-24 YEARS</b>	<b>465</b>	<b>59.4</b>
Accidents (ex. med./surg. comp.)	222	28.5	Accidents (ex. med./surg. comp.)	219	28.0
Intentional Self-Harm (Suicide)	99	12.7	Intentional Self-Harm (Suicide)	99	12.7
Assault (Homicide)	60	7.7	Assault (Homicide)	45	5.8
Malignant Neoplasms	28	3.6	Malignant Neoplasms	20	2.6
Diseases of the Heart	11		Congenital Malformations, etc.	11	
Congenital Malformations, etc.	11		Diseases of the Heart	6	
Diabetes Mellitus	5		Influenza and Pneumonia	3	
In Situ/Benign/Uncer. Neoplasms	2		Legal Intervention	3	
Influenza and Pneumonia	2		Septicemia	2	
Chronic Lower Respiratory Disease	2		Cerebrovascular Diseases	2	

(continued)

**Cause of Death**

**Table 11. Leading Underlying Causes of Death by Age, Wisconsin 2012 and 2013**

<b>2012</b>	<b>Number</b>	<b>Rate</b>	<b>2013</b>	<b>Number</b>	<b>Rate</b>
<b>25-44 YEARS</b>	<b>1,755</b>	<b>122.7</b>	<b>25-44 YEARS</b>	<b>1,816</b>	<b>127.6</b>
Accidents (ex. med./surg. comp.)	522	36.5	Accidents (ex. med./surg. comp.)	595	41.8
Intentional Self-Harm (Suicide)	246	17.2	Intentional Self-Harm (Suicide)	273	19.2
Malignant Neoplasms	228	15.9	Malignant Neoplasms	249	17.5
Diseases of the Heart	216	15.1	Diseases of the Heart	180	12.6
Assault (Homicide)	71	5.0	Assault (Homicide)	68	4.8
Chronic Liver Dis. and Cirrhosis	50	3.5	Chronic Liver Dis. and Cirrhosis	46	3.2
Cerebrovascular Diseases	42	2.9	Diabetes Mellitus	34	2.4
Diabetes Mellitus	40	2.8	Cerebrovascular Diseases	33	2.3
Influenza and Pneumonia	16		Congenital Malformations, etc.	24	1.7
Congenital Malformations, etc.	15		Influenza and Pneumonia	18	
<b>45-64 YEARS</b>	<b>8,334</b>	<b>523.0</b>	<b>45-64 YEARS</b>	<b>8,639</b>	<b>541.3</b>
Malignant Neoplasms	2,811	176.4	Malignant Neoplasms	2,908	182.2
Diseases of the Heart	1,753	110.0	Diseases of the Heart	1,686	105.6
Accidents (ex. med./surg. comp.)	645	40.5	Accidents (ex. med./surg. comp.)	652	40.9
Chronic Liver Dis. and Cirrhosis	327	20.5	Chronic Liver Dis. and Cirrhosis	355	22.2
Chronic Lower Respiratory Dis.	291	18.3	Intentional Self-Harm (Suicide)	350	21.9
Intentional Self-Harm (Suicide)	287	18.0	Chronic Lower Respiratory Disease	348	21.8
Diabetes Mellitus	270	16.9	Diabetes Mellitus	279	17.5
Cerebrovascular Diseases	258	16.2	Cerebrovascular Diseases	267	16.7
Nephritis/Nephrotic Syn./Nephrosis	117	7.3	Influenza and Pneumonia	105	6.6
Influenza and Pneumonia	78	4.9	Nephritis/Nephrotic Syn./Nephrosis	96	6.0
<b>65-74 YEARS</b>	<b>7,493</b>	<b>1,705.7</b>	<b>65-74 YEARS</b>	<b>7,911</b>	<b>1,713.5</b>
Malignant Neoplasms	2,801	637.6	Malignant Neoplasms	2,931	634.8
Diseases of the Heart	1,555	354.0	Diseases of the Heart	1,599	346.3
Chronic Lower Respiratory Dis.	535	121.8	Chronic Lower Respiratory Dis.	629	136.2
Cerebrovascular Diseases	284	64.6	Cerebrovascular Diseases	301	65.2
Diabetes Mellitus	267	60.8	Diabetes Mellitus	251	54.4
Accidents (ex. med./surg. comp.)	240	54.6	Accidents (ex. med./surg. comp.)	240	52.0
Nephritis/Nephrotic Syn./Nephrosis	139	31.6	Nephritis/Nephrotic Syn./Nephrosis	140	30.3
Chronic Liver Dis. and Cirrhosis	105	23.9	Influenza and Pneumonia	116	25.1
Influenza and Pneumonia	94	21.4	Chronic Liver Dis. and Cirrhosis	111	24.0
Septicemia	76	17.3	Septicemia	100	21.7
<b>75-84 YEARS</b>	<b>11,954</b>	<b>4,603.5</b>	<b>75-84 YEARS</b>	<b>12,108</b>	<b>4,643.0</b>
Malignant Neoplasms	3,140	1,209.2	Malignant Neoplasms	3,042	1,166.5
Diseases of the Heart	2,688	1,035.2	Diseases of the Heart	2,727	1,045.7
Chronic Lower Respiratory Dis.	856	329.6	Chronic Lower Respiratory Dis.	926	355.1
Cerebrovascular Diseases	686	264.2	Cerebrovascular Diseases	730	279.9
Alzheimer's Disease	403	155.2	Alzheimer's Disease	423	162.2
Accidents (ex. med./surg. comp.)	378	145.6	Accidents (ex. med./surg. comp.)	405	155.3
Diabetes Mellitus	345	132.9	Diabetes Mellitus	360	138.0
Nephritis/Nephrotic Syn./Nephrosis	303	116.7	Nephritis/Nephrotic Syn./Nephrosis	276	105.8
Influenza and Pneumonia	258	99.4	Parkinson's Disease	236	90.5
Parkinson's Disease	225	86.6	Influenza and Pneumonia	232	89.0

(continued)

**Table 11. Leading Underlying Causes of Death by Age, Wisconsin 2012 and 2013**

2012	Number	Rate	2013	Number	Rate
<b>85 YEARS AND OVER</b>	17,667	14,256.8	<b>85 YEARS AND OVER</b>	18,416	14,642.6
Diseases of the Heart	5,020	4,051.0	Diseases of the Heart	5,105	4,059.0
Malignant Neoplasms	2,160	1,743.1	Malignant Neoplasms	2,229	1,772.3
Cerebrovascular Diseases	1,231	993.4	Cerebrovascular Diseases	1,180	938.2
Alzheimer’s Disease	1,166	940.9	Alzheimer’s Disease	1,168	928.7
Chronic Lower Respiratory Dis.	807	651.2	Chronic Lower Respiratory Dis.	863	686.2
Accidents (ex. med./surg. comp.)	716	577.8	Accidents (ex. med./surg. comp.)	766	609.0
Influenza and Pneumonia	545	439.8	Influenza and Pneumonia	636	505.7
Nephritis/Nephrotic Syn./Nephrosis	455	367.2	Nephritis/Nephrotic Syn./Nephrosis	469	372.9
Diabetes Mellitus	348	280.8	Diabetes Mellitus	353	280.7
Parkinson’s Disease	250	201.7	Parkinson’s Disease	269	213.9

Source: Office of Health Informatics, Division of Public Health, Department of Health Services. For the population estimates used to calculate 2013 rates, see Technical Notes, page 86. For the population estimates used to calculate 2012 rates, see Technical Notes, page 87.

Notes: Age-specific rates are deaths per 100,000 population in that age group. A rate is not calculated when there were fewer than 20 deaths. Underlying cause of death is the disease or injury that initiated events resulting in death. For the ICD-10 codes used for the cause-of-death groupings, see Technical Notes, page 80, and page 81 (infants only). Conditions abbreviated in this table are spelled out in full in the Technical Notes. There is one death included in the 2012 total for which age is unknown.

- As in 2012, the two leading underlying causes of death in 2013 were diseases of the heart and malignant neoplasms (cancer). These two causes of death accounted for 45 percent of total deaths among Wisconsin residents in 2013.
- The third leading cause of death in 2012 and 2013 was accidents.
- Accidents were the leading cause of death for age groups 1-44, while cancer was the leading cause for age groups 45-84.

**Cause of Death**

**Table 12. Leading Underlying Causes of Death for Males by Age, Wisconsin 2012 and 2013**

<b>2012</b>	<b>Number</b>	<b>Rate</b>	<b>2013</b>	<b>Number</b>	<b>Rate</b>
<b>TOTAL, ALL AGES</b>	<b>23,721</b>	<b>836.0</b>	<b>TOTAL, ALL AGES</b>	<b>24,748</b>	<b>869.5</b>
Malignant Neoplasms	5,852	206.2	Diseases of the Heart	6,044	212.4
Diseases of the Heart	5,843	205.9	Malignant Neoplasms	6,001	210.8
Accidents (ex. med./surg. comp.)	1,611	56.8	Accidents (ex. med./surg. comp.)	1,686	59.2
Chronic Lower Respiratory Dis.	1,194	42.1	Chronic Lower Respiratory Dis.	1,312	46.1
Cerebrovascular Diseases	1,005	35.4	Cerebrovascular Diseases	1,025	36.0
Diabetes Mellitus	626	22.1	Intentional Self-Harm (Suicide)	693	24.3
Intentional Self-Harm (Suicide)	573	20.2	Diabetes Mellitus	670	23.5
Alzheimer's Disease	528	18.6	Alzheimer's Disease	498	17.5
Influenza and Pneumonia	475	16.7	Influenza and Pneumonia	479	16.8
Nephritis/Nephrotic Syn./Nephrosis	469	16.5	Nephritis/Nephrotic Syn./Nephrosis	476	16.7
<b>LESS THAN 1 YEAR</b>	<b>198</b>	<b>574.1</b>	<b>LESS THAN 1 YEAR</b>	<b>226</b>	<b>663.9</b>
Dis. Rel. Short Gest./Low Brthwgt.	49	142.1	Dis. Rel. Short Gest./Low Brthwgt.	51	149.8
Congenital Malformations, etc.	44	127.6	Congenital Malformations, etc.	46	135.1
Sudden Infant Death Syndrome	14		Sudden Infant Death Syndrome	11	
Newborn Affect. Mat. Comp. Preg.	13		Accidents (ex. med./surg. comp.)	9	
Accidents (ex. med./surg. comp.)	9		Newborn Affect. Mat. Comp. Preg.	8	
Newborn Affect. Comp. Placenta	7		Newborn Affect. Comp. Placenta	8	
Neonatal Hemorrhage	5		Respiratory Distress of Newborn	7	
Diarrhea/Gastroenteritis Infect Orig	3		Bacterial Sepsis of Newborn	7	
Newborn Affect Com.Labor/Deliv.	3		Diseases of the Circulatory System	6	
Atelectasis	3		Necrotizing Enterocolitis/Newborn	5	
<b>1-14 YEARS</b>	<b>80</b>	<b>15.3</b>	<b>1-14 YEARS</b>	<b>91</b>	<b>17.6</b>
Accidents (ex. med./surg. comp.)	27	5.2	Accidents (ex. med./surg. comp.)	25	4.8
Malignant Neoplasms	9		Malignant Neoplasms	12	
Assault (Homicide)	9		Congenital Malformations, etc.	8	
Congenital Malformations, etc.	7		Assault (Homicide)	7	
Intentional Self-Harm (Suicide)	5		In Situ/Benign/Uncer. Neoplasms	4	
Influenza and Pneumonia	3		Intentional Self-Harm (Suicide)	4	
Diseases of the Heart	2		Chronic Lower Respiratory Disease	3	
Nephritis/Nephrotic Syn./Nephrosis	2		Septicemia	2	
In Situ/Benign/Uncer. Neoplasms	1		Influenza and Pneumonia	2	
Anemias	1		Diseases of the Heart	1	
<b>15-24 YEARS</b>	<b>361</b>	<b>90.7</b>	<b>15-24 YEARS</b>	<b>332</b>	<b>83.2</b>
Accidents (ex. med./surg. comp.)	165	41.5	Accidents (ex. med./surg. comp.)	156	39.1
Intentional Self-Harm (Suicide)	78	19.6	Intentional Self-Harm (Suicide)	80	20.1
Assault (Homicide)	49	12.3	Assault (Homicide)	39	9.8
Malignant Neoplasms	18		Malignant Neoplasms	11	
Diseases of the Heart	9		Congenital Malformations, etc.	6	
Congenital Malformations, etc.	4		Diseases of the Heart	4	
Diabetes Mellitus	2		Influenza and Pneumonia	3	
Chronic Lower Respiratory Dis.	2		Legal Intervention	3	
Legal Intervention	2		Septicemia	2	
Septicemia	1		Cerebrovascular Diseases	1	

(continued)

**Cause of Death**

**Table 12. Leading Underlying Causes of Death for Males by Age, Wisconsin 2012 and 2013**

<b>2012</b>	<b>Number</b>	<b>Rate</b>	<b>2013</b>	<b>Number</b>	<b>Rate</b>
<b>25-44 YEARS</b>	<b>1,139</b>	<b>156.9</b>	<b>25-44 YEARS</b>	<b>1,203</b>	<b>166.5</b>
Accidents (ex. med./surg. comp.)	365	50.3	Accidents (ex. med./surg. comp.)	419	58.0
Intentional Self-Harm (Suicide)	191	26.3	Intentional Self-Harm (Suicide)	225	31.1
Diseases of the Heart	136	18.7	Malignant Neoplasms	127	17.6
Malignant Neoplasms	103	14.2	Diseases of the Heart	125	17.3
Assault (Homicide)	58	8.0	Assault (Homicide)	50	6.9
Chronic Liver Dis. and Cirrhosis	30	4.1	Chronic Liver Dis. and Cirrhosis	26	3.6
Diabetes Mellitus	21	2.9	Diabetes Mellitus	18	
Cerebrovascular Diseases	19		Cerebrovascular Diseases	17	
Congenital Malformations, etc.	13		Congenital Malformations, etc.	14	
Influenza and Pneumonia	12		Influenza and Pneumonia	9	
<b>45-64 YEARS</b>	<b>5,048</b>	<b>635.2</b>	<b>45-64 YEARS</b>	<b>5,292</b>	<b>665.1</b>
Malignant Neoplasms	1,489	187.4	Malignant Neoplasms	1,560	196.1
Diseases of the Heart	1,254	157.8	Diseases of the Heart	1,233	155.0
Accidents (ex. med./surg. comp.)	436	54.9	Accidents (ex. med./surg. comp.)	445	55.9
Chronic Liver Dis. and Cirrhosis	231	29.1	Intentional Self-Harm (Suicide)	279	35.1
Intentional Self-Harm (Suicide)	217	27.3	Chronic Liver Dis. and Cirrhosis	233	29.3
Diabetes Mellitus	170	21.4	Chronic Lower Respiratory Dis	181	22.7
Chronic Lower Respiratory Dis.	147	18.5	Diabetes Mellitus	179	22.5
Cerebrovascular Diseases	137	17.2	Cerebrovascular Diseases	162	20.4
Nephritis/Nephrotic Syn./Nephrosis	68	8.6	Influenza and Pneumonia	59	7.4
Influenza and Pneumonia	43	5.4	Septicemia	52	6.5
<b>65-74 YEARS</b>	<b>4,249</b>	<b>2,021.1</b>	<b>65-74 YEARS</b>	<b>4,522</b>	<b>2,039.5</b>
Malignant Neoplasms	1,559	741.6	Malignant Neoplasms	1,609	725.7
Diseases of the Heart	1,000	475.7	Diseases of the Heart	1,071	483.0
Chronic Lower Respiratory Dis.	275	130.8	Chronic Lower Respiratory Dis.	310	139.8
Cerebrovascular Diseases	160	76.1	Cerebrovascular Diseases	160	72.2
Accidents (ex. med./surg. comp.)	151	71.8	Accidents (ex. med./surg. comp.)	157	70.8
Diabetes Mellitus	139	66.1	Diabetes Mellitus	153	69.0
Nephritis/Nephrotic Syn./Nephrosis	66	31.4	Nephritis/Nephrotic Syn./Nephrosis	77	34.7
Chronic Liver Dis. and Cirrhosis	59	28.1	Chronic Liver Dis. and Cirrhosis	75	33.8
Influenza and Pneumonia	49	23.3	Influenza and Pneumonia	72	32.5
In Situ/Benign/Uncer.Neoplasms	44	20.9	Septicemia	50	22.6
<b>75-84 YEARS</b>	<b>6,141</b>	<b>5,485.5</b>	<b>75-84 YEARS</b>	<b>6,283</b>	<b>5,555.8</b>
Malignant Neoplasms	1,649	1,473.0	Malignant Neoplasms	1,620	1,432.5
Diseases of the Heart	1,495	1,335.4	Diseases of the Heart	1,544	1,365.3
Chronic Lower Respiratory Dis.	419	374.3	Chronic Lower Respiratory Dis.	445	393.5
Cerebrovascular Diseases	319	284.9	Cerebrovascular Diseases	334	295.3
Accidents (ex. med./surg. comp.)	198	176.9	Accidents (ex. med./surg. comp.)	204	180.4
Diabetes Mellitus	174	155.4	Diabetes Mellitus	191	168.9
Alzheimer's Disease	165	147.4	Alzheimer's Disease	174	153.9
Nephritis/Nephrotic Syn./Nephrosis	146	130.4	Nephritis/Nephrotic Syn./Nephrosis	163	144.1
Influenza and Pneumonia	138	123.3	Parkinson's Disease	149	131.8
Parkinson's Disease	133	118.8	Influenza and Pneumonia	112	99.0

(continued)



## Cause of Death

**Table 12. Leading Underlying Causes of Death for Males by Age, Wisconsin 2012 and 2013**

2012	Number	Rate	2013	Number	Rate
85 YEARS AND OVER	6,504	16,135.0	85 YEARS AND OVER	6,799	16,273.3
Diseases of the Heart	1,946	4,827.6	Diseases of the Heart	2,064	4,940.2
Malignant Neoplasms	1,023	2,537.8	Malignant Neoplasms	1,062	2,541.9
Cerebrovascular Diseases	368	912.9	Chronic Lower Respiratory Dis.	365	873.6
Chronic Lower Respiratory Dis.	347	860.8	Cerebrovascular Diseases	347	830.5
Alzheimer's Disease	327	811.2	Alzheimer's Disease	291	696.5
Accidents (ex. med./surg. comp.)	260	645.0	Accidents (ex. med./surg. comp.)	271	648.6
Influenza and Pneumonia	227	563.1	Influenza and Pneumonia	222	531.4
Nephritis/Nephrotic Syn./Nephrosis	180	446.5	Nephritis/Nephrotic Syn./Nephrosis	181	433.2
Parkinson's Disease	136	337.4	Parkinson's Disease	136	325.5
Diabetes Mellitus	120	297.7	Diabetes Mellitus	128	306.4

Source: Office of Health Informatics, Division of Public Health, Department of Health Services. For the population estimates used to calculate 2013 rates, see Technical Notes, page 86. For the population estimates used to calculate 2012 rates, see the Technical Notes, page 87.

Notes: Age-specific rates are deaths per 100,000 males in that age group. A rate is not calculated when there were fewer than 20 deaths.

Underlying cause of death is the disease or injury that initiated events resulting in death.

For the ICD-10 codes used for the cause-of-death groupings, see Technical Notes, page 80, and page 81 (infants only).

Conditions abbreviated in this table are spelled out in full in the Technical Notes.

One death for which age is unknown is included in the 2012 total.

- Accidents were the leading underlying cause of death among males ages 1-44. For males aged 45 and older, cancer and heart disease were the two leading causes of death.
- Suicide was the second leading cause of death among males ages 15-44.

**Cause of Death**

**Table 13. Leading Underlying Causes of Death for Females by Age, Wisconsin 2012 and 2013**

<b>2012</b>	<b>Number</b>	<b>Rate</b>	<b>2013</b>	<b>Number</b>	<b>Rate</b>
<b>TOTAL, ALL AGES</b>	<b>24,504</b>	<b>851.5</b>	<b>TOTAL, ALL AGES</b>	<b>25,169</b>	<b>872.5</b>
Diseases of the Heart	5,406	187.9	Malignant Neoplasms	5,395	187.0
Malignant Neoplasms	5,333	185.3	Diseases of the Heart	5,266	182.6
Cerebrovascular Diseases	1,501	52.2	Cerebrovascular Diseases	1,498	51.9
Chronic Lower Respiratory Dis.	1,311	45.6	Chronic Lower Respiratory Dis.	1,473	51.1
Accidents (ex. med./surg. comp.)	1,178	40.9	Accidents (ex. med./surg. comp.)	1,241	43.0
Alzheimer's Disease	1,114	38.7	Alzheimer's Disease	1,165	40.4
Diabetes Mellitus	649	22.6	Influenza and Pneumonia	634	22.0
Nephritis/Nephrotic Syn/Nephro.	558	19.4	Diabetes Mellitus	608	21.1
Influenza and Pneumonia	525	18.2	Nephritis/Nephrotic Syn./Nephrosis	517	17.9
Septicemia	260	9.0	Hypertension/Hyperten.Renal Dis	269	9.3
<b>LESS THAN 1 YEAR</b>	<b>187</b>	<b>571.1</b>	<b>LESS THAN 1 YEAR</b>	<b>188</b>	<b>578.0</b>
Dis. Rel. Short Gest/Low Birthwgt	45	137.4	Congenital Malformations, etc.	47	144.5
Congenital Malformations, etc.	38	116.1	Dis. Rel. Short Gest/Low Birthwgt.	41	126.1
Sudden Infant Death Syndrome	15		Sudden Infant Death Syndrome	8	
Accidents (ex. med./surg. comp.)	10		Newborn Affect. Mat. Comp. Preg.	7	
Newborn Affect. Comp. Placenta	9		Diseases of the Circulatory System	6	
Respiratory Distress of Newborn	6		Newborn Affect. Comp. Placenta	6	
Newborn Affect. Mat. Comp. Preg.	5		Hydrops Fetalis Not Due/Hemoly. Dis	6	
Intrauter Hypoxia/Birth Asphyxia	4		Respiratory Distress of Newborn	5	
Bacterial Sepsis of Newborn	4		Neonatal Hemorrhage	5	
Neonatal Hemorrhage	4		Accidents (ex. med./surg. Comp.)	4	
<b>1-14 YEARS</b>	<b>60</b>	<b>12.0</b>	<b>1-14 YEARS</b>	<b>57</b>	<b>11.5</b>
Accidents (ex. med./surg. comp.)	20	4.0	Accidents (ex. med./surg. comp.)	12	
Malignant Neoplasms	6		Congenital Malformations, etc.	8	
Intentional Self-Harm (Suicide)	5		Malignant Neoplasms	5	
Assault (Homicide)	5		Assault (Homicide)	4	
Congenital Malformations, etc.	3		Diseases of the Heart	2	
Septicemia	2		Cerebrovascular Diseases	2	
Diseases of the Heart	2		Intentional Self-Harm (Suicide)	2	
Cerebrovascular Diseases	2		Anemias	1	
Influenza and Pneumonia	2		Influenza and Pneumonia	1	
Chronic Lower Respiratory Dis.	1		Chronic Lower Respiratory Dis.	1	
<b>15-24 YEARS</b>	<b>135</b>	<b>35.4</b>	<b>15-24 YEARS</b>	<b>133</b>	<b>34.7</b>
Accidents (ex. med./surg. comp.)	57	14.9	Accidents (ex. med./surg. comp.)	63	16.4
Intentional Self-Harm (Suicide)	21	5.5	Intentional Self-Harm (Suicide)	19	
Assault (Homicide)	11		Malignant Neoplasms	9	
Malignant Neoplasms	10		Assault (Homicide)	6	
Congenital Malformations, etc.	7		Congenital Malformations, etc.	5	
Diabetes Mellitus	3		Diseases of the Heart	2	
Diseases of the Heart	2		Chronic Lower Respiratory Diseases	2	
In Situ/Benign/Uncer.Neoplasms	1		Pregnancy, Childbirth and the Puer.	2	
Influenza and Pneumonia	1		Cerebrovascular Diseases	1	
Nephritis/Nephrotic Syn./Nephro.	1		Chronic Liver Dis. and Cirrhosis	1	

(continued)

**Cause of Death**

**Table 13. Leading Underlying Causes of Death for Females by Age, Wisconsin 2012 and 2013**

2012			2013		
	Number	Rate		Number	Rate
<b>25-44 YEARS</b>	616	87.4	<b>25-44 YEARS</b>	613	87.4
Accidents (ex. med./surg. comp.)	157	22.3	Accidents (ex. med./surg. comp.)	176	25.1
Malignant Neoplasms	125	17.7	Malignant Neoplasms	122	17.4
Diseases of the Heart	80	11.3	Diseases of the Heart	55	7.8
Intentional Self-Harm (Suicide)	55	7.8	Intentional Self-Harm (Suicide)	48	6.8
Cerebrovascular Diseases	23	3.3	Chronic Liver Dis. and Cirrhosis	20	2.9
Chronic Liver Dis. and Cirrhosis	20	2.8	Assault (Homicide)	18	
Diabetes Mellitus	19		Diabetes Mellitus	16	
Assault (Homicide)	13		Cerebrovascular Diseases	16	
Chronic Lower Respiratory Dis.	9		Congenital Malformations, etc.	10	
Human Immunodeficiency Virus	5		Influenza and Pneumonia	9	
<b>45-64 YEARS</b>	3,286	411.3	<b>45-64 YEARS</b>	3,347	418.2
Malignant Neoplasms	1,322	165.5	Malignant Neoplasms	1,348	168.4
Diseases of the Heart	499	62.5	Diseases of the Heart	453	56.6
Accidents (ex. med./surg. comp.)	209	26.2	Accidents (ex. med./surg. comp.)	207	25.9
Chronic Lower Respiratory Dis.	144	18.0	Chronic Lower Respiratory Dis.	167	20.9
Cerebrovascular Diseases	121	15.1	Chronic Liver Dis. and Cirrhosis	122	15.2
Diabetes Mellitus	100	12.5	Cerebrovascular Diseases	105	13.1
Chronic Liver Dis. and Cirrhosis	96	12.0	Diabetes Mellitus	100	12.5
Intentional Self-Harm (Suicide)	70	8.8	Intentional Self-Harm (Suicide)	71	8.9
Nephritis/Nephrotic Syn./Nephrosis	49	6.1	Influenza and Pneumonia	46	5.7
Septicemia	41	5.1	Nephritis/Nephrotic Syn./Nephrosis	46	5.7
<b>65-74 YEARS</b>	3,244	1,416.2	<b>65-74 YEARS</b>	3,389	1,412.2
Malignant Neoplasms	1,242	542.2	Malignant Neoplasms	1,322	550.9
Diseases of the Heart	555	242.3	Diseases of the Heart	528	220.0
Chronic Lower Respiratory Dis.	260	113.5	Chronic Lower Respiratory Dis.	319	132.9
Diabetes Mellitus	128	55.9	Cerebrovascular Diseases	141	58.8
Cerebrovascular Diseases	124	54.1	Diabetes Mellitus	98	40.8
Accidents (ex. med./surg. comp.)	89	38.9	Accidents (ex. med./surg. comp.)	83	34.6
Nephritis/Nephrotic Syn./Nephrosis	73	31.9	Nephritis/Nephrotic Syn./Nephrosis	63	26.3
Septicemia	46	20.1	Septicemia	50	20.8
Chronic Liver Dis. and Cirrhosis	46	20.1	Influenza and Pneumonia	44	18.3
Influenza and Pneumonia	45	19.6	Chronic Liver Dis. and Cirrhosis	36	15.0
<b>75-84 YEARS</b>	5,813	3,935.1	<b>75-84 YEARS</b>	5,825	3,944.1
Malignant Neoplasms	1,491	1,009.3	Malignant Neoplasms	1,422	962.8
Diseases of the Heart	1,193	807.6	Diseases of the Heart	1,183	801.0
Chronic Lower Respiratory Dis.	437	295.8	Chronic Lower Respiratory Dis.	481	325.7
Cerebrovascular Diseases	367	248.4	Cerebrovascular Diseases	396	268.1
Alzheimer's Disease	238	161.1	Alzheimer's Disease	249	168.6
Accidents (ex. med./surg. comp.)	180	121.9	Accidents (ex. med./surg. comp.)	201	136.1
Diabetes Mellitus	171	115.8	Diabetes Mellitus	169	114.4
Nephritis/Nephrotic Syn./Nephrosis	157	106.3	Influenza and Pneumonia	120	81.3
Influenza and Pneumonia	120	81.2	Nephritis/Nephrotic Syn./Nephrosis	113	76.5
Parkinson's Disease	92	62.3	Parkinson's Disease	87	58.9

(continued)

**Table 13. Leading Underlying Causes of Death for Females by Age, Wisconsin 2012 and 2013**

2012	Number	Rate	2013	Number	Rate
<b>85 YEARS AND OVER</b>	11,163	13,351.3	<b>85 YEARS AND OVER</b>	11,617	13,831.4
Diseases of the Heart	3,074	3,676.6	Diseases of the Heart	3,041	3,620.7
Malignant Neoplasms	1,137	1,359.9	Malignant Neoplasms	1,167	1,389.5
Cerebrovascular Diseases	863	1,032.2	Alzheimer's Disease	877	1,044.2
Alzheimer's Disease	839	1,003.5	Cerebrovascular Diseases	833	991.8
Chronic Lower Respiratory Dis.	460	550.2	Chronic Lower Respiratory Dis.	498	592.9
Accidents (ex. med./surg. comp.)	456	545.4	Accidents (ex. med./surg. comp.)	495	589.4
Influenza and Pneumonia	318	380.3	Influenza and Pneumonia	414	492.9
Nephritis/Nephrotic Syn./Nephrosis	275	328.9	Nephritis/Nephrotic Syn./Nephrosis	288	342.9
Diabetes Mellitus	228	272.7	Diabetes Mellitus	225	267.9
Hypertension/Hyperten. Renal Dis.	160	191.4	Hypertension/Hyperten. Renal Dis.	176	209.5

Source: Office of Health Informatics, Division of Public Health, Department of Health Services. For the population estimates used to calculate 2013 rates, see Technical Notes, page 86. For the population estimates used to calculate 2012 rates, see the Technical Notes, page 87.

Notes: Age-specific rates are deaths per 100,000 females in that age group. A rate is not calculated when there were fewer than 20 deaths.

Underlying cause of death is the disease or injury that initiated events resulting in death.

For the ICD-10 codes used for the cause-of-death groupings, see Technical Notes, page 80, and page 81 (infants only).

Conditions abbreviated in this table are spelled out in full in the Technical Notes.

- Accidents were the leading cause of death among females ages 1-44.

**Cause of Death**

**Table 14. Deaths by Underlying Cause of Death, Age and Sex, Wisconsin 2013**

	Total	All Ages		Under 1		1 – 4		5 – 9	
		Male	Female	Male	Female	Male	Female	Male	Female
<b>Age/Sex-Specific Death Rate</b>	871.0	869.5	872.5	663.9	578.0	24.0	19.9	12.3	8.4
<b>Total Deaths, All Causes</b>	49,917	24,748	25,169	226	188	34	27	23	15
Tuberculosis	4	3	1						
Human Immunodeficiency Virus	34	23	11						
Malignant Neoplasms	11,396	6,001	5,395			4	3	3	1
Stomach	186	112	74						
Colon, Rectum, Anus	971	483	488						
Pancreas	814	419	395						
Trachea, Bronchus and Lung	2,923	1,572	1,351						
Breast	771	10	761						
Cervix Uteri, Corpus Uteri, Ovary	475		475						
Prostate	607	607							
Urinary Tract	656	451	205					1	1
Non-Hodgkin's Lymphoma	411	229	182						
Leukemia	535	291	244			2			
Other Malignant Neoplasms	3,047	1,827	1,220			2	3	2	
Diabetes Mellitus	1,278	670	608	1					
Alzheimer's Disease	1,663	498	1,165						
Major Cardiovascular Diseases	14,867	7,520	7,347	6	6		1	1	
Diseases of the Heart	11,310	6,044	5,266	2	2		1	1	
Hyp. Heart Dis. w/wo Renal Dis.	588	269	319						
Ischemic Heart Disease	6,721	4,028	2,693						
Other Diseases of the Heart	4,001	1,747	2,254	2	2		1	1	
Hypertension/Hypertens. Renal Dis.	426	157	269						
Cerebrovascular Diseases	2,523	1,025	1,498	4	4				
Atherosclerosis	143	46	97						
Other Dis. of Circulatory System	465	248	217						
Influenza and Pneumonia	1,113	479	634			1	1	1	
Chronic Lower Respiratory Diseases	2,785	1,312	1,473	3	1	1	1	1	
Peptic Ulcer	68	34	34						
Chronic Liver Disease and Cirrhosis	616	381	235						
Nephritis/Nephrotic Syn./Nephrosis	993	476	517	1		1			
Pregnancy, Childbirth and Puerperium	12		12						
Certain Cond. Orig. in Perinatal Per.	218	120	98	119	97	1			
Congenital Malformations, etc.	215	104	111	46	47	3	4	4	4
Sudden Infant Death Syndrome	19	11	8	11	8				
Symptoms, Signs and Lab. Findings	309	143	166	6	8	2	4		
All Other Diseases	10,308	4,428	5,880	18	14	11	5	3	6
Motor Vehicle Accidents	554	386	168	1			3	5	2
All Accidents (except motor vehicle)	2,363	1,294	1,069	8	4	6	3	3	
Intentional Self-Harm (Suicide)	853	693	160						
Assault (Homicide)	177	133	44	3	1	4	2	2	2
All Other External Causes	72	39	33	3	2	1			

(continued)

**Table 14. Deaths by Underlying Cause of Death, Age and Sex, Wisconsin 2013**

	10 - 14		15 - 19		20 - 24		25 - 29	
	Male	Female	Male	Female	Male	Female	Male	Female
<b>Age/Sex-Specific Death Rate</b>	17.9	8.3	48.4	27.2	117.0	41.9	147.2	60.1
<b>Total, All Causes</b>	34	15	95	51	237	82	270	106
Tuberculosis								
Human Immunodeficiency Virus					1		1	
Malignant Neoplasms	5	1	4	4	7	5	16	7
Stomach								
Colon, Rectum, Anus			1				1	
Pancreas						1		
Trachea, Bronchus and Lung							1	1
Breast								1
Cervix Uteri, Corpus Uteri, Ovary				1				1
Prostate								
Urinary Tract						1	1	
Non-Hodgkin's Lymphoma							2	1
Leukemia	4	1			1	1	3	
Other Malignant Neoplasms	1		3	3	6	2	8	3
Diabetes Mellitus							4	2
Alzheimer's Disease								
Major Cardiovascular Diseases		3	3	2	3	2	18	8
Diseases of the Heart		1	3	1	1	1	15	7
Hyp. Heart Dis. w/wo Renal Dis.							2	1
Ischemic Heart Disease							8	1
Other Diseases of the Heart		1	3	1	1	1	5	5
Hypertension/Hypertens. Renal Dis.							1	
Cerebrovascular Diseases		2		1	1		1	1
Atherosclerosis								
Other Dis. of Circulatory System					1	1	1	
Influenza and Pneumonia			1		2		1	1
Chronic Lower Respiratory Diseases	1					2	1	2
Peptic Ulcer								
Chronic Liver Disease and Cirrhosis						1		
Nephritis/Nephrotic Syn./Nephrosis							2	
Pregnancy, Childbirth and Puerperium				2				2
Certain Cond. Orig. in Perinatal Per.								
Congenital Malformations, etc.	1		3	3	3	2	1	1
Sudden Infant Death Syndrome								
Symptoms, Signs and Lab. Findings	2	2	1	2	6	7	3	
All Other Diseases	10	5	6	9	13	8	17	14
Motor Vehicle Accidents	4	2	17	7	52	20	48	11
All Accidents (except motor vehicle)	6		16	8	69	23	73	34
Intentional Self-Harm (Suicide)	4	2	30	9	50	10	62	11
Assault (Homicide)	1		12	4	27	2	21	10
All Other External Causes			2	1	4		2	3

(continued)

**Table 14. Deaths by Underlying Cause of Death, Age and Sex, Wisconsin 2013**

	30 – 34		35 – 39		40 – 44		45 – 49	
	Male	Female	Male	Female	Male	Female	Male	Female
<b>Age/Sex-Specific Death Rate</b>	133.3	63.0	173.5	97.8	214.1	130.2	331.3	227.0
<b>Total, All Causes</b>	251	115	295	161	387	231	653	445
Tuberculosis								
Human Immunodeficiency Virus		2			5		1	2
Malignant Neoplasms	21	15	29	38	61	62	126	123
Stomach				2			9	
Colon, Rectum, Anus	2	2	7	3	7	4	17	16
Pancreas	1		4	1	4		11	8
Trachea, Bronchus and Lung	1		4	3	10	7	25	23
Breast		3		12	1	22	1	38
Cervix Uteri, Corpus Uteri, Ovary		1		3		8		12
Prostate							2	
Urinary Tract				1	2	1	5	2
Non-Hodgkin's Lymphoma	4	1	2	1	1	3	6	1
Leukemia	1		3	4	7	2	4	3
Other Malignant Neoplasms	12	8	9	8	29	15	46	20
Diabetes Mellitus	5	2	3	10	6	2	14	15
Alzheimer's Disease								
Major Cardiovascular Diseases	18	7	47	26	68	34	154	77
Diseases of the Heart	12	5	42	20	56	23	127	66
Hyp. Heart Dis. w/wo Renal Dis.	1		8	2	5	4	12	14
Ischemic Heart Disease	6		19	6	38	9	93	28
Other Diseases of the Heart	5	5	15	12	13	10	22	24
Hypertension/Hypertens. Renal Dis.	1			1	2	2	2	3
Cerebrovascular Diseases	5	2	3	5	8	8	18	7
Atherosclerosis					1			
Oth. Dis. of Circulatory System			2		1	1	7	1
Influenza and Pneumonia	1	2	4	3	3	3	11	10
Chronic Lower Respiratory Diseases	1	1	1		2	1	8	13
Peptic Ulcer								1
Chronic Liver Disease and Cirrhosis	7		7	7	12	13	29	22
Nephritis/Nephrotic Syn./Nephrosis		3	1	1	1	3	8	2
Pregnancy, Childbirth and Puerperium		2		1		1		2
Certain Cond. Orig. in Perinatal Per.								
Congenital Malformations, etc.	4	3	6	3	3	3	3	2
Sudden Infant Death Syndrome								
Symptoms, Signs and Lab. Findings	4	2	4		5	3	4	9
All Other Diseases	21	8	33	27	59	34	92	77
Motor Vehicle Accidents	31	15	27	7	24	9	29	9
All Accidents (except motor vehicle)	71	36	72	23	66	40	87	47
Intentional Self-Harm (Suicide)	57	12	45	8	61	17	77	25
Assault (Homicide)	10	3	14	4	5	1	7	5
All Other External Causes		2	2	3	6	5	3	4

(continued)

**Table 14. Deaths by Underlying Cause of Death, Age and Sex, Wisconsin 2013**

	50 – 54		55 – 59		60 – 64		65 – 69	
	Male	Female	Male	Female	Male	Female	Male	Female
<b>Age/Sex-Specific Death Rate</b>	518.0	325.6	753.7	463.7	1,122.5	692.7	1,661.3	1,140.6
<b>Total, All Causes</b>	1,132	718	1,551	961	1,956	1,223	2,161	1,558
Tuberculosis							2	
Human Immunodeficiency Virus	8	3	4	3	1	1	2	
Malignant Neoplasms	284	269	506	423	644	533	784	639
Stomach	13	7	8	10	14	3	16	8
Colon, Rectum, Anus	24	31	45	31	54	32	55	37
Pancreas	27	15	47	31	54	46	69	43
Trachea, Bronchus and Lung	67	59	143	105	180	151	249	185
Breast	1	44	1	73		90		98
Cervix Uteri, Corpus Uteri, Ovary		26		47		56		60
Prostate	9		20		27		42	
Urinary Tract	15	8	36	14	40	16	59	27
Non-Hodgkin's Lymphoma	7	5	10	6	13	10	27	19
Leukemia	11	6	14	14	27	19	29	18
Other Malignant Neoplasms	110	68	182	92	235	110	238	144
Diabetes Mellitus	28	22	56	25	81	38	68	48
Alzheimer's Disease	1	1	2	4	5	3	6	9
Major Cardiovascular Diseases	305	135	405	156	598	232	639	313
Diseases of the Heart	261	95	336	117	509	175	516	234
Hyp. Heart Dis. w/wo Renal Dis.	30	5	25	14	16	14	19	10
Ischemic Heart Disease	182	69	251	73	397	112	409	152
Other Diseases of the Heart	49	21	60	30	96	49	88	72
Hypertension/Hypertens. Renal Dis.	6	5	3	3	8	6	16	7
Cerebrovascular Diseases	28	31	54	29	62	38	83	59
Atherosclerosis				3	3	2	3	6
Oth. Dis. of Circulatory System	10	4	12	4	16	11	21	7
Influenza and Pneumonia	12	12	15	3	21	21	23	32
Chronic Lower Respiratory Diseases	26	25	47	46	100	83	127	116
Peptic Ulcer	3		2		4	1	1	3
Chronic Liver Disease and Cirrhosis	59	41	71	32	74	27	50	21
Nephritis/Nephrotic Syn./Nephrosis	8	8	19	12	15	24	29	27
Pregnancy, Childbirth and Puerperium				1		1		
Certain Cond. Orig. in Perinatal Per.								
Congenital Malformations, etc.	5	7	7	6	3	5	5	9
Sudden Infant Death Syndrome								
Symptoms, Signs and Lab. Findings	12	5	8	8	14	10	6	5
All Other Diseases	176	105	198	170	252	192	300	280
Motor Vehicle Accidents	23	16	25	12	21	8	20	5
All Accidents (except motor vehicle)	97	42	90	38	74	33	63	34
Intentional Self-Harm (Suicide)	77	23	82	15	43	8	34	13
Assault (Homicide)	4	1	9	4	4	2	2	1
All Other External Causes	4	3	5	3	2	1		3

(continued)



**Cause of Death**

**Table 14. Deaths by Underlying Cause of Death, Age and Sex, Wisconsin 2013**

	70 – 74		75 – 79		80 – 84		85 – 89	
	Male	Female	Male	Female	Male	Female	Male	Female
<b>Age/Sex-Specific Death Rate</b>	2,576.4	1,771.0	4,118.0	2,953.3	7,516.7	5,126.2	12,294.9	9,161.8
<b>Total, All Causes</b>	2,361	1,831	2,687	2,373	3,596	3,452	3,611	4,678
Tuberculosis								1
Human Immunodeficiency Virus								
Malignant Neoplasms	825	683	769	686	851	736	685	678
Stomach	19	5	13	13	7	9	6	9
Colon, Rectum, Anus	64	35	52	61	71	67	49	90
Pancreas	59	48	49	54	49	51	27	59
Trachea, Bronchus and Lung	246	232	234	213	209	183	136	124
Breast	1	75	1	76	1	80	2	79
Cervix Uteri, Corpus Uteri, Ovary		66		55		64		42
Prostate	62		80		131		148	
Urinary Tract	53	22	52	19	70	30	70	32
Non-Hodgkin’s Lymphoma	29	22	42	20	41	27	34	45
Leukemia	39	30	38	32	54	39	35	39
Other Malignant Neoplasms	253	148	208	143	218	186	178	159
Diabetes Mellitus	85	50	100	76	91	93	80	120
Alzheimer’s Disease	19	22	47	66	127	183	151	303
Major Cardiovascular Diseases	670	411	855	646	1,158	1,049	1,281	1,566
Diseases of the Heart	555	294	659	449	885	734	1,042	1,106
Hyp. Hrt. Dis. w/wo Renal Dis.	14	12	25	10	29	43	40	62
Ischemic Heart Disease	401	182	468	246	569	393	625	554
Other Diseases of the Heart	140	100	166	193	287	298	377	490
Hypertension/Hypertens. Renal Dis.	12	14	15	23	17	29	39	62
Cerebrovascular Diseases	77	82	142	148	192	248	161	329
Atherosclerosis	1	5	5	3	14	12	6	18
Oth. Dis. of Circulatory System	25	16	34	23	50	26	33	51
Influenza and Pneumonia	49	12	43	35	69	85	91	139
Chronic Lower Respiratory Diseases	183	203	182	225	263	256	217	249
Peptic Ulcer	2	2	3	4	7	5	6	7
Chronic Liver Disease and Cirrhosis	25	15	30	20	10	18	4	14
Nephritis/Nephrotic Syn/Nephrosis	48	36	57	43	106	70	88	108
Pregnancy, Childbirth and Puerperium								
Certain Cond. Orig in Perinatal Per.						1		
Congenital Malformations, etc.	2	1	2	2	1	3	2	3
Sudden Infant Death Syndrome								
Symptoms, Signs and Lab. Findings	11	6	11	10	11	8	14	22
All Other Diseases	348	337	471	485	762	811	850	1,275
Motor Vehicle Accidents	18	7	11	12	12	12	13	7
All Accidents (except motor vehicle)	56	42	83	58	100	122	124	184
Intentional Self-Harm (Suicide)	16	3	18	1	25		5	2
Assault (Homicide)	3		3	2	1			
All Other External Causes	1	1	2	2	2			

(continued)

**Cause of Death**

**Table 14. Deaths by Underlying Cause of Death, Age and Sex, Wisconsin 2013**

	90 – 94		95+	
	Male	Female	Male	Female
<b>Age/Sex-Specific Death Rate</b>	23,177.8	17,438.4	37,877.4	32,066.0
<b>Total, All Causes</b>	2,385	4,316	803	2,623
Tuberculosis	1			
Human Immunodeficiency Virus				
Malignant Neoplasms	316	377	61	112
Stomach	7	6		2
Colon, Rectum, Anus	28	63	6	16
Pancreas	17	32	1	6
Trachea, Bronchus and Lung	59	53	8	12
Breast		51	1	19
Cervix Uteri, Corpus Uteri, Ovary		23		10
Prostate	73		13	
Urinary Tract	38	23	9	8
Non-Hodgkin’s Lymphoma	10	16	1	5
Leukemia	15	29	4	7
Other Malignant Neoplasms	69	81	18	27
Diabetes Mellitus	38	76	10	29
Alzheimer’s Disease	115	346	25	228
Major Cardiovascular Diseases	957	1,623	334	1,050
Diseases of the Heart	749	1,162	273	773
Hyp. Heart Dis. w/wo Renal Disease	31	72	12	56
Ischemic Heart Disease	421	522	141	346
Other Diseases of the Heart	297	568	120	371
Hypertension/Hypertens. Renal Dis.	24	63	11	51
Cerebrovascular Diseases	146	323	40	181
Atherosclerosis	9	30	4	18
Oth. Dis. of Circulatory System	29	45	6	27
Influenza and Pneumonia	82	172	49	103
Chronic Lower Respiratory Diseases	114	179	34	70
Peptic Ulcer	5	8	1	3
Chronic Liver Disease and Cirrhosis	3	4		
Nephritis/Nephrotic Syn./Nephrosis	67	114	26	66
Pregnancy, Childbirth and Puerperium				
Certain Cond. Orig. in Perinatal Per.				
Congenital Malformations, etc.		1		2
Sudden Infant Death Syndrome				
Symptoms, Signs and Lab. Findings	13	28	6	27
All Other Diseases	566	1,193	222	825
Motor Vehicle Accidents	4	4	1	
All Accidents (except motor vehicle)	99	190	31	108
Intentional Self-Harm (Suicide)	5	1	2	
Assault (Homicide)			1	
All Other External Causes				

Source: Office of Health Informatics, Division of Public Health, Department of Health Services.  
For the population data used to calculate rates, see Technical Notes, page 86.

Notes: The age/sex-specific rates are deaths per 100,000 population in that age/sex group. Underlying cause of death is the disease or injury that initiated events resulting in death. For the ICD-10 codes used for cause-of-death groupings, see Technical Notes, page 83. Conditions abbreviated in this table are spelled out in full in the Technical Notes.

**Cause of Death**

**Table 15. Deaths by Underlying Cause of Death, Race and Sex, Wisconsin 2013**

	<b>Total</b>		<b>White</b>		<b>Black/African American</b>		<b>American Indian</b>	
	Male	Female	Male	Female	Male	Female	Male	Female
<b>Total Deaths, All Causes</b>	<b>24,748</b>	<b>25,169</b>	<b>23,035</b>	<b>23,585</b>	<b>1,256</b>	<b>1,147</b>	<b>193</b>	<b>197</b>
Tuberculosis	3	1	2					
Human Immunodeficiency Virus	23	11	12	4	10	6		
Malignant Neoplasms	6,001	5,395	5,597	5,002	304	293	38	41
Stomach	112	74	96	66	14	7		
Colon, Rectum, Anus	483	488	444	448	30	28	4	6
Pancreas	419	395	403	366	9	26		
Trachea, Bronchus and Lung	1,572	1,351	1,452	1,228	99	89	10	17
Breast	10	761	8	708	2	45		4
Cervix/Corpus Uteri, Ovary		475		440		24		2
Prostate	607		575		24		2	
Urinary Tract	451	205	434	196	14	6	2	
Non-Hodgkin's Lymphoma	229	182	223	174	4	7	1	
Leukemia	291	244	272	235	11	7	2	2
Other Malignant Neoplasms	1,827	1,220	1,690	1,141	97	54	17	10
Diabetes Mellitus	670	608	605	552	44	45	12	5
Alzheimer's Disease	498	1,165	485	1,136	11	22	2	4
Major Cardiovascular Diseases	7,520	7,347	7,032	6,918	365	304	51	52
Diseases of the Heart	6,044	5,266	5,673	4,965	281	217	43	40
Hyp. Heart Dis. w/wo Renal Disease	269	319	236	292	31	23	2	3
Ischemic Heart Diseases	4,028	2,693	3,791	2,522	173	125	33	24
Other Diseases of the Heart	1,747	2,254	1,646	2,151	77	69	8	13
Essential Hypertension/Hypertensive Renal Disease	157	269	140	247	14	18	1	2
Cerebrovascular Diseases	1,025	1,498	943	1,411	57	59	7	5
Atherosclerosis	46	97	43	93	2	1		1
Other Diseases of Circulatory System	248	217	233	202	11	9		4
Influenza and Pneumonia	479	634	444	608	21	15	7	5
Chronic Lower Respiratory Diseases	1,312	1,473	1,263	1,410	29	48	9	11
Peptic Ulcer	34	34	32	34	2			
Chronic Liver Disease and Cirrhosis	381	235	349	207	20	12	9	11
Nephritis/Nephrotic Syn./Nephrosis	476	517	443	468	23	37	3	7
Pregnancy, Childbirth and Puerperium		12		8		2		
Certain Cond. Orig. Perinatal Period	120	98	76	66	39	25	2	
Congenital Malformations, etc.	104	111	86	97	9	8	2	3
Sudden Infant Death Syndrome	11	8	6	1	5	6		
Symptoms, Signs and Lab Findings	143	166	125	149	11	14	3	1
All Other Diseases	4,411	5,864	4,177	5,533	172	249	23	35
Motor Vehicle Accidents	403	184	362	166	24	7	8	8
All Accidents (except motor vehicle)	1,294	1,069	1,201	1,014	63	38	13	10
Intentional Self-Harm (Suicide)	693	160	657	154	18	2	7	1
Assault (Homicide)	133	44	51	29	77	13	4	
All Other External Causes	39	33	29	29	9	1		3

(continued)

**Cause of Death**

**Table 15. Deaths by Underlying Cause of Death, Race and Sex, Wisconsin 2013**

	<b>Laotian or Hmong</b>		<b>Other Asian</b>	
	Male	Female	Male	Female
<b>Total Deaths, All Causes</b>	<b>88</b>	<b>83</b>	<b>93</b>	<b>91</b>
Tuberculosis	1	1		
Human Immunodeficiency Virus			1	
Malignant Neoplasms	18	18	23	22
Stomach	1	1	1	
Colon, Rectum, Anus	2	2	3	1
Pancreas	1		5	
Trachea, Bronchus and Lung	3	3	1	10
Breast		1		1
Cervix/Corpus Uteri, Ovary		4		3
Prostate	1		4	
Urinary Tract				2
Non-Hodgkin's Lymphoma				
Leukemia	2		2	
Other Malignant Neoplasms	8	7	7	5
Diabetes Mellitus	5	3	1	2
Alzheimer's Disease				3
Major Cardiovascular Diseases	28	29	26	29
Diseases of the Heart	12	12	20	19
Hyp. Heart Dis. w/wo Renal Disease				1
Ischemic Heart Diseases	8	7	15	11
Other Diseases of the Heart	4	5	5	7
Essential Hypertension/Hypertensive Renal Disease	1	2		
Cerebrovascular Diseases	12	12	4	9
Atherosclerosis		1	1	1
Other Diseases of Circulatory System	3	2	1	
Influenza and Pneumonia	5	3	1	3
Chronic Lower Respiratory Diseases	4		3	1
Peptic Ulcer				
Chronic Liver Disease and Cirrhosis	1	2	2	1
Nephritis/Nephrotic Syndrome/Nephrosis	5	4	1	1
Pregnancy, Childbirth and Puerperium		1		
Certain Conditions Orig. Perinatal Period		1		
Congenital Malformations, etc.	1	1	2	2
Sudden Infant Death Syndrome			4	1
Symptoms, Signs and Lab Findings	1	1		
All Other Diseases	10	15	20	20
Motor Vehicle Accidents	1	1	1	1
All Accidents (except motor vehicle)	4	2	4	2
Intentional Self-Harm (Suicide)	2		4	3
Assault (Homicide)	1	1		
All Other External Causes	1			

Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Notes: Underlying cause of death is the disease or injury that initiated events resulting in death. For the ICD-10 codes used, see Technical Notes, page 83. Included in the total are 30 deaths whose race was marked "unknown," 58 deaths marked "other race," and 2 deaths marked "Hawaiian." There are also 59 deaths included in the total for which more than one race was marked on the record; these deaths are not included in any category other than the total.

**Cause of Death**

**Table 16. Deaths by Underlying Cause of Death, Hispanic Origin and Sex, Wisconsin 2013**

	Total		Hispanic/Latino		Non-Hispanic/Latino	
	Male	Female	Male	Female	Male	Female
<b>Total Deaths, All Causes</b>	<b>24,748</b>	<b>25,169</b>	<b>375</b>	<b>255</b>	<b>24,360</b>	<b>24,907</b>
Tuberculosis	3	1			3	1
Human Immunodeficiency Virus	23	11	2	1	21	9
Malignant Neoplasms	6,001	5,395	78	66	5,918	5,328
Stomach	112	74	4	3	107	71
Colon, Rectum, Anus	483	488	1	11	482	477
Pancreas	419	395	6	4	413	391
Trachea, Bronchus and Lung	1,572	1,351	14	7	1,556	1,344
Breast	10	761		11	10	750
Cervix/Corpus Uteri, Ovary		475		7		468
Prostate	607		4		603	
Urinary Tract	451	205	6	2	445	202
Non-Hodgkin's Lymphoma	229	182	3	1	226	181
Leukemia	291	244	7	4	283	240
Other Malignant Neoplasms	1,827	1,220	33	16	1,793	1,204
Diabetes Mellitus	670	608	14	13	656	595
Alzheimer's Disease	498	1,165	4	3	494	1,162
Major Cardiovascular Diseases	7,520	7,347	84	52	7,434	7,294
Diseases of the Heart	6,044	5,266	66	37	5,976	5,228
Hyp. Heart Dis. w/wo Renal Disease	269	319	8	1	261	318
Ischemic Heart Diseases	4,028	2,693	47	21	3,979	2,672
Other Diseases of the Heart	1,747	2,254	11	15	1,736	2,238
Essential Hypertension/Hypertensive Renal Disease	157	269	3	2	154	267
Cerebrovascular Diseases	1,025	1,498	11	11	1,014	1,487
Atherosclerosis	46	97		1	46	96
Other Dis. of Circulatory System	248	217	4	1	244	216
Influenza and Pneumonia	479	634	2	2	477	632
Chronic Lower Respiratory Diseases	1,312	1,473	11	5	1,300	1,468
Peptic Ulcer	34	34			34	34
Chronic Liver Disease and Cirrhosis	381	235	15	10	366	225
Nephritis/Nephrotic Syndrome/Nephrosis	476	517	4	8	472	509
Pregnancy, Childbirth and the Puerperium		12		1		11
Certain Conditions Orig. Perinatal Period	120	98	11	8	109	90
Congenital Malformations, etc.	104	111	7	3	97	108
Sudden Infant Death Syndrome	11	8			11	8
Symptoms, Signs and Lab. Findings	143	166	6	3	137	162
All Other Diseases	4,428	5,880	56	52	4,368	5,825
Motor Vehicle Accidents	386	168	17	5	369	163
All Accidents (except motor vehicle)	1,294	1,069	43	14	1,251	1,055
Intentional Self-Harm (Suicide)	693	160	6	7	687	153
Assault (Homicide)	133	44	13	2	120	42
All Other External Causes	39	33	2		36	33

Source: Office of Health Informatics, Division of Public Health, Department of Health Services. There were twenty records where Hispanic origin was unknown, these are included in the total only.

Notes: Underlying cause of death is the disease or injury that initiated events resulting in death. For the ICD-10 codes used for cause-of-death groupings, see Technical Notes, page 83.

**Cause of Death**

**Table 17. Leading Underlying Causes of Death by Race, Wisconsin 2012 and 2013**

2012			2013		
	Number	Percent		Number	Percent
<b>TOTAL, ALL RACES</b>	48,225	100.0	<b>TOTAL, ALL RACES</b>	49,917	100.0
Diseases of the Heart	11,249	23.3	Malignant Neoplasms	11,396	22.8
Malignant Neoplasms	11,185	23.2	Diseases of the Heart	11,310	22.7
Accidents (ex. med./surg. comp.)	2,789	5.8	Accidents (ex. med./surg. comp.)	2,927	5.9
Cerebrovascular Diseases	2,506	5.2	Chronic Lower Respiratory Dis.	2,785	5.6
Chronic Lower Respiratory Dis.	2,505	5.2	Cerebrovascular Diseases	2,523	5.1
Alzheimer's Disease	1,642	3.4	Alzheimer's Disease	1,663	3.3
Diabetes Mellitus	1,275	2.6	Diabetes Mellitus	1,278	2.6
Nephritis/Nephrotic/Nephrosis	1,027	2.1	Influenza and Pneumonia	1,113	2.2
Influenza and Pneumonia	1,000	2.1	Nephritis/Nephrotic/Nephrosis	993	2.0
Intentional Self-Harm (Suicide)	734	1.5	Intentional Self-Harm (Suicide)	853	1.7
Chronic Liver Disease/Cirrhosis	559	1.2	Chronic Liver Disease/Cirrhosis	616	1.2
Parkinson's Disease	540	1.1	Parkinson's Disease	577	1.2
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<b>WHITE</b>	45,137	100.0	<b>WHITE</b>	46,620	100.0
Diseases of the Heart	10,636	23.6	Diseases of the Heart	10,639	22.8
Malignant Neoplasms	10,466	23.2	Malignant Neoplasms	10,599	22.7
Accidents (ex. med./surg. comp.)	2,565	5.7	Accidents (ex. med./surg. comp.)	2,721	5.8
Chronic Lower Respiratory Dis.	2,393	5.3	Chronic Lower Respiratory Dis.	2,673	5.7
Cerebrovascular Diseases	2,365	5.2	Cerebrovascular Diseases	2,354	5.0
Alzheimer's Disease	1,613	3.6	Alzheimer's Disease	1,621	3.5
Diabetes Mellitus	1,143	2.5	Diabetes Mellitus	1,157	2.5
Influenza and Pneumonia	959	2.1	Influenza and Pneumonia	1,052	2.3
Nephritis/Nephrotic/Nephrosis	928	2.1	Nephritis/Nephrotic/Nephrosis	911	2.0
Intentional Self-Harm (Suicide)	695	1.5	Intentional Self-Harm (Suicide)	811	1.7
Parkinson's Disease	529	1.2	Parkinson's Disease	565	1.2
Chronic Liver Disease/Cirrhosis	502	1.1	Chronic Liver Disease/Cirrhosis	556	1.2
<hr/>					
<b>BLACK/AFRICAN AMERICAN</b>	2,316	100.0	<b>BLACK/AFRICAN AMERICAN</b>	2,403	100.0
Malignant Neoplasms	538	23.2	Malignant Neoplasms	597	24.8
Diseases of the Heart	498	21.5	Diseases of the Heart	498	20.7
Accidents (ex. med./surg. comp.)	154	6.6	Accidents (ex. med./surg. comp.)	131	5.5
Cerebrovascular Diseases	96	4.1	Cerebrovascular Diseases	116	4.8
Assault (Homicide)	95	4.1	Assault (Homicide)	90	3.7
Diabetes Mellitus	93	4.0	Diabetes Mellitus	89	3.7
Chronic Lower Respiratory Dis.	87	3.8	Chronic Lower Respiratory Dis.	77	3.2
Nephritis/Nephrotic/Nephrosis	73	3.2	Certain Cond Orig in Perinatal Per.	64	2.7
Certain Cond Orig in Perinatal Per.	57	2.5	Nephritis/Nephrotic/Nephrosis	60	2.5
Chronic Liver Disease/Cirrhosis	35	1.5	Influenza and Pneumonia	36	1.5
Influenza and Pneumonia	29	1.3	Septicemia	35	1.5
Septicemia	27	1.2	Alzheimer's Disease	33	1.4

(continued)

## Cause of Death

**Table 17. Leading Underlying Causes of Death by Race, Wisconsin 2012 and 2013**

2012			2013		
	Number	Percent		Number	Percent
<b>AMERICAN INDIAN</b>	434	100.0	<b>AMERICAN INDIAN</b>	390	100.0
Malignant Neoplasms	95	21.9	Diseases of the Heart	83	21.3
Diseases of the Heart	71	16.4	Malignant Neoplasms	79	20.3
Accidents (ex. med./surg. comp.)	49	11.3	Accidents (ex. med./surg. comp.)	39	10.0
Diabetes Mellitus	28	6.5	Chronic Lower Respiratory Dis.	20	5.1
Chronic Lower Respiratory Dis.	19	4.4	Chronic Liver Disease/Cirrhosis	20	5.1
Cerebrovascular Diseases	17	3.9	Diabetes Mellitus	17	4.4
Chronic Liver Disease/Cirrhosis	17	3.9	Cerebrovascular Diseases	12	3.1
Nephritis/Nephrotic/Nephrosis	11	2.5	Influenza and Pneumonia	12	3.1
Intentional Self-Harm (Suicide)	8	1.8	Nephritis/Nephrotic/Nephrosis	10	2.6
Septicemia	7	1.6	Intentional Self-Harm (Suicide)	8	2.1
Influenza and Pneumonia	6	1.4	Alzheimer's Disease	6	1.5
Congenital Malformations, etc.	6	1.4	Congenital Malformations, etc	5	1.3
<b>ASIAN</b>	322	100.0	<b>ASIAN</b>	355	100.0
Malignant Neoplasms	83	25.8	Malignant Neoplasms	81	22.8
Diseases of the Heart	42	13.0	Diseases of the Heart	63	17.7
Cerebrovascular Diseases	27	8.4	Cerebrovascular Diseases	37	10.4
Accidents (ex. med./surg. comp.)	19	5.9	Accidents (ex. med./surg. comp.)	16	4.5
Nephritis/Nephrotic/Nephrosis	14	4.3	Influenza and Pneumonia	12	3.4
Intentional Self-Harm (Suicide)	12	3.7	Diabetes Mellitus	11	3.1
Assault (Homicide)	11	3.4	Nephritis/Nephrotic/Nephrosis	11	3.1
Diabetes Mellitus	9	2.8	Intentional Self-Harm (Suicide)	9	2.5
Certain Cond. Orig. Perinatal Per.	7	2.2	Chronic Lower Respiratory Dis	8	2.3
Septicemia	6	1.9	Congenital Malformations, etc	7	2.0
Influenza and Pneumonia	6	1.9	Chronic Liver Disease/Cirrhosis	6	1.7
Chronic Lower Respiratory Dis	5	1.6	Septicemia	5	1.4

Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Notes: The 2012 total includes 12 deaths for which race was unknown and 4 Hawaiian deaths. Included in the 2013 total are 30 deaths whose race was marked "unknown," 58 deaths marked "other race," and 2 deaths marked "Hawaiian." There are also 59 deaths included in the total for which more than one race was marked on the record; these deaths are not included in any category other than the total.

Underlying cause of death is the disease or injury that initiated the events resulting in death.

For the ICD-10 codes used for cause-of-death groupings, see Technical Notes, page 80.

Conditions abbreviated in this table are spelled out in full in the Technical Notes.

- Diseases of the heart and cancer were the two leading underlying causes of death in each race group. In 2013, diseases of the heart accounted for 21% of deaths among blacks and American Indians, 23% of deaths among whites, and 18% of deaths among Asians. Cancer accounted for 25% of deaths among blacks, 20% of deaths among American Indians, and 23% of deaths among whites and Asians.
- Accidents accounted for 6 percent of total deaths in 2013, 6 percent of deaths among whites, 6 percent of deaths among blacks, 10 percent of deaths among American Indians, and 5 percent of deaths among Asians.
- Differences in leading causes of death by race reflect differences in population age structure (as well as other factors): compared with the total state population, larger proportions of blacks and other minority groups are children and young adults.

**Cause of Death**

**Table 18. Leading Underlying Causes of Death for Males by Race, Wisconsin 2012 and 2013**

2012			2013		
	Number	Percent		Number	Percent
<b>TOTAL, ALL RACES</b>	<b>23,721</b>	<b>100.0</b>	<b>TOTAL, ALL RACES</b>	<b>24,748</b>	<b>100.0</b>
Malignant Neoplasms	5,852	24.7	Diseases of the Heart	6,044	24.4
Diseases of the Heart	5,843	24.6	Malignant Neoplasms	6,001	24.2
Accidents (ex. med./surg. comp.)	1,611	6.8	Accidents (ex. med./surg. comp.)	1,686	6.8
Chronic Lower Respiratory Dis.	1,194	5.0	Chronic Lower Respiratory Dis.	1,312	5.3
Cerebrovascular Diseases	1,005	4.2	Cerebrovascular Diseases	1,025	4.1
Diabetes Mellitus	626	2.6	Intentional Self-Harm (Suicide)	693	2.8
Intentional Self-Harm (Suicide)	573	2.4	Diabetes Mellitus	670	2.7
Alzheimer's Disease	528	2.2	Alzheimer's Disease	498	2.0
Influenza and Pneumonia	475	2.0	Influenza and Pneumonia	479	1.9
Nephritis/Nephrotic/Nephrosis	469	2.0	Nephritis/Nephrotic/Nephrosis	476	1.9
Chronic Liver Disease/Cirrhosis	362	1.5	Chronic Liver Disease/Cirrhosis	381	1.5
Parkinson's Disease	306	1.3	Parkinson's Disease	336	1.4
<b>WHITE</b>	<b>22,147</b>	<b>100.0</b>	<b>WHITE</b>	<b>23,035</b>	<b>100.0</b>
Diseases of the Heart	5,513	24.9	Diseases of the Heart	5,674	24.6
Malignant Neoplasms	5,469	24.7	Malignant Neoplasms	5,597	24.3
Accidents (ex. med./surg. comp.)	1,481	6.7	Accidents (ex. med./surg. comp.)	1,552	6.7
Chronic Lower Respiratory Dis.	1,145	5.2	Chronic Lower Respiratory Dis.	1,263	5.5
Cerebrovascular Diseases	950	4.3	Cerebrovascular Diseases	943	4.1
Diabetes Mellitus	573	2.6	Intentional Self-Harm (Suicide)	657	2.9
Intentional Self-Harm (Suicide)	543	2.5	Diabetes Mellitus	605	2.6
Alzheimer's Disease	520	2.3	Alzheimer's Disease	485	2.1
Influenza and Pneumonia	459	2.1	Influenza and Pneumonia	444	1.9
Nephritis/Nephrotic/Nephrosis	430	1.9	Nephritis/Nephrotic/Nephrosis	443	1.9
Chronic Liver Disease/Cirrhosis	333	1.5	Chronic Liver Disease/Cirrhosis	349	1.5
Parkinson's Disease	302	1.4	Parkinson's Disease	329	1.4
<b>BLACK/AFRICAN AMERICAN</b>	<b>1,195</b>	<b>100.0</b>	<b>BLACK/AFRICAN AMERICAN</b>	<b>1,256</b>	<b>100.0</b>
Malignant Neoplasms	294	24.6	Malignant Neoplasms	304	24.2
Diseases of the Heart	276	23.1	Diseases of the Heart	281	22.4
Assault (Homicide)	89	7.4	Accidents (ex. med./surg. comp.)	87	6.9
Accidents (ex. med./surg. comp.)	88	7.4	Assault (Homicide)	77	6.1
Chronic Lower Respiratory Dis.	38	3.2	Cerebrovascular Diseases	57	4.5
Diabetes Mellitus	36	3.0	Diabetes Mellitus	44	3.5
Cerebrovascular Diseases	34	2.8	Certain Cond. Orig. Perinatal Per.	39	3.1
Certain Cond. Orig. Perinatal Per.	32	2.7	Chronic Lower Respiratory Dis.	29	2.3
Nephritis/Nephrotic/Nephrosis	29	2.4	Nephritis/Nephrotic/Nephrosis	23	1.8
Chronic Liver Disease/Cirrhosis	17	1.4	Influenza and Pneumonia	21	1.7
Intentional Self-Harm (Suicide)	17	1.4	Chronic Liver Disease/Cirrhosis	20	1.6
Hypertension/Hypertens. Renal Dis	14	1.2	Septicemia	18	1.4

(continued)



## Cause of Death

**Table 18. Leading Underlying Causes of Death for Males by Race, Wisconsin 2012 and 2013**

2012	Number	Percent	2013	Number	Percent
<b>AMERICAN INDIAN</b>	<b>208</b>	<b>100.0</b>	<b>AMERICAN INDIAN</b>	<b>193</b>	<b>100.0</b>
Malignant Neoplasms	45	21.6	Diseases of the Heart	43	22.3
Diseases of the Heart	35	16.8	Malignant Neoplasms	38	19.7
Accidents (ex. med./surg. comp.)	30	14.4	Accidents (ex. med./surg. comp.)	21	10.9
Diabetes Mellitus	13	6.3	Diabetes Mellitus	12	6.2
Chronic Liver Disease/Cirrhosis	8	3.8	Chronic Lower Respiratory Dis.	9	4.7
Chronic Lower Respiratory Dis.	7	3.4	Chronic Liver Disease/Cirrhosis	9	4.7
Nephritis/Nephrotic/Nephrosis	6	2.9	Cerebrovascular Diseases	7	3.6
Assault (Homicide)	4	1.9	Influenza and Pneumonia	7	3.6
Hypertension/Hypertens. Renal Dis.	3	1.4	Intentional Self-Harm (Suicide)	7	3.6
Cerebrovascular Diseases	3	1.4	Assault (Homicide)	4	2.1
Congenital Malformations, etc.	3	1.4	Nephritis/Nephrotic/Nephrosis	3	1.6
Intentional Self-Harm (Suicide)	3	1.4	Alzheimer's Disease	2	1.0
<b>ASIAN</b>	<b>161</b>	<b>100.0</b>	<b>ASIAN</b>	<b>181</b>	<b>100.0</b>
Malignant Neoplasms	42	26.1	Malignant Neoplasms	41	22.7
Diseases of the Heart	17	10.6	Diseases of the Heart	32	17.7
Cerebrovascular Diseases	17	10.6	Cerebrovascular Diseases	16	8.8
Accidents (ex. med./surg. comp.)	11	6.8	Accidents (ex. med./surg. comp.)	10	5.5
Intentional Self-Harm (Suicide)	9	5.6	Chronic Lower Respiratory Dis	7	3.9
Assault (Homicide)	9	5.6	Diabetes Mellitus	6	3.3
Chronic Liver Disease/Cirrhosis	4	2.5	Influenza and Pneumonia	6	3.3
Nephritis/Nephrotic/Nephrosis	4	2.5	Nephritis/Nephrotic/Nephrosis	6	3.3
Diabetes Mellitus	3	1.9	Intentional Self-Harm (Suicide)	6	3.3
Influenza and Pneumonia	3	1.9	Congenital Malformations, etc.	5	2.8
Chronic Lower Respiratory Dis.	3	1.9	Aortic Aneurysm and Dissection	4	2.2
Certain Cond. Orig. Perinatal Per.	3	1.9	Septicemia	3	1.7

Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Notes: There were 8 decedents in 2012 and 19 in 2013 whose race was unknown; these were included in the totals. Included in the 2013 total are 33 male deaths of "other" races, one Hawaiian death, and 30 records where multiple races were indicated. Underlying cause of death is the disease or injury that initiated events resulting in death. For the ICD-10 codes used for cause-of-death groupings, see Technical Notes, page 80. Conditions abbreviated in this table are spelled out in full in the Technical Notes.

- Malignant neoplasms (cancer) and diseases of the heart were the leading underlying causes of death in 2013 for males of all races in Wisconsin.
- Accidents were the third leading cause of death among white, black and American Indian males. Cerebrovascular disease was the third leading cause of death for Asian males.

**Cause of Death**

**Table 19. Leading Underlying Causes of Death for Females by Race, Wisconsin 2012 and 2013**

2012			2013		
	Number	Percent		Number	Percent
<b>TOTAL, ALL RACES</b>	<b>24,504</b>	<b>100.0</b>	<b>TOTAL, ALL RACES</b>	<b>25,169</b>	<b>100.0</b>
Diseases of the Heart	5,406	22.1	Malignant Neoplasms	5,395	21.4
Malignant Neoplasms	5,333	21.8	Diseases of the Heart	5,266	20.9
Cerebrovascular Diseases	1,501	6.1	Cerebrovascular Diseases	1,498	6.0
Chronic Lower Respiratory Dis.	1,311	5.4	Chronic Lower Respiratory Dis.	1,473	5.9
Accidents (ex. med./surg. comp.)	1,178	4.8	Accidents (ex. med./surg. comp.)	1,241	4.9
Alzheimer's Disease	1,114	4.5	Alzheimer's Disease	1,165	4.6
Diabetes Mellitus	649	2.6	Influenza and Pneumonia	634	2.5
Nephritis/Nephrotic/Nephrosis	558	2.3	Diabetes Mellitus	608	2.4
Influenza and Pneumonia	525	2.1	Nephritis/Nephrotic/Nephrosis	517	2.1
Septicemia	260	1.1	Hypertension/Hyperten. Renal Dis.	269	1.1
Hypertension/Hyperten. Renal Dis.	257	1.0	Septicemia	245	1.0
Parkinson's Disease	234	1.0	Parkinson's Disease	241	1.0
<b>WHITE</b>	<b>22,990</b>	<b>100.0</b>	<b>WHITE</b>	<b>23,585</b>	<b>100.0</b>
Diseases of the Heart	5,123	22.3	Malignant Neoplasms	5,002	21.2
Malignant Neoplasms	4,997	21.7	Diseases of the Heart	4,965	21.1
Cerebrovascular Diseases	1,415	6.2	Cerebrovascular Diseases	1,411	6.0
Chronic Lower Respiratory Dis.	1,248	5.4	Chronic Lower Respiratory Dis.	1,410	6.0
Alzheimer's Disease	1,093	4.8	Accidents (ex. med./surg. comp.)	1,169	5.0
Accidents (ex. med./surg. comp.)	1,084	4.7	Alzheimer's Disease	1,136	4.8
Diabetes Mellitus	570	2.5	Influenza and Pneumonia	608	2.6
Influenza and Pneumonia	500	2.2	Diabetes Mellitus	552	2.3
Nephritis/Nephrotic/Nephrosis	498	2.2	Nephritis/Nephrotic/Nephrosis	468	2.0
Hypertension/Hypertens. Renal Dis.	242	1.1	Hypertension/Hypertens. Renal Dis.	247	1.0
Septicemia	233	1.0	Parkinson's Disease	236	1.0
Parkinson's Disease	227	1.0	Septicemia	222	0.9
<b>BLACK/AFRICAN AMERICAN</b>	<b>1,121</b>	<b>100.0</b>	<b>BLACK/AFRICAN AMERICAN</b>	<b>1,147</b>	<b>100.0</b>
Malignant Neoplasms	244	21.8	Malignant Neoplasms	293	25.5
Diseases of the Heart	222	19.8	Diseases of the Heart	217	18.9
Accidents (ex. med./surg. comp.)	66	5.9	Cerebrovascular Diseases	59	5.1
Cerebrovascular Diseases	62	5.5	Chronic Lower Respiratory Dis.	48	4.2
Diabetes Mellitus	57	5.1	Diabetes Mellitus	45	3.9
Chronic Lower Respiratory Dis.	49	4.4	Accidents (ex. med./surg. comp.)	44	3.8
Nephritis/Nephrotic/Nephrosis	44	3.9	Nephritis/Nephrotic/Nephrosis	37	3.2
Certain Cond. Orig. Perinatal Per.	25	2.2	Certain Cond. Orig. Perinatal Per.	25	2.2
Alzheimer's Disease	19	1.7	Alzheimer's Disease	22	1.9
Septicemia	18	1.6	Hypertension/Hypertens. Renal Dis.	18	1.6
Influenza and Pneumonia	18	1.6	Septicemia	17	1.5
Chronic Liver Disease/Cirrhosis	18	1.6	Influenza and Pneumonia	15	1.3

(continued)

## Cause of Death

**Table 19. Leading Underlying Causes of Death for Females by Race, Wisconsin 2012 and 2013**

2012			2013		
	Number	Percent		Number	Percent
<b>AMERICAN INDIAN</b>	226	100.0	<b>AMERICAN INDIAN</b>	197	100.0
Malignant Neoplasms	50	22.1	Malignant Neoplasms	41	20.8
Diseases of the Heart	36	15.9	Diseases of the Heart	40	20.3
Accidents (ex. med./surg. comp.)	19	8.4	Accidents (ex. med./surg. comp.)	18	9.1
Diabetes Mellitus	15	6.6	Chronic Lower Respiratory Dis.	11	5.6
Cerebrovascular Diseases	14	6.2	Chronic Liver Disease and Cirrhosis	11	5.6
Chronic Lower Respiratory Dis.	12	5.3	Nephritis/Nephrotic/Nephrosis	7	3.6
Chronic Liver Disease and Cirrhosis	9	4.0	Diabetes Mellitus	5	2.5
Septicemia	5	2.2	Cerebrovascular Diseases	5	2.5
Nephritis/Nephrotic/Nephrosis	5	2.2	Influenza and Pneumonia	5	2.5
Intentional Self-Harm (Suicide)	5	2.2	Alzheimer's Disease	4	2.0
Influenza and Pneumonia	4	1.8	Septicemia	3	1.5
Congenital Malformations, etc.	3	1.3	Congenital Malformations, etc.	3	1.5
<b>ASIAN</b>	161	100.0	<b>ASIAN</b>	174	100.0
Malignant Neoplasms	41	25.5	Malignant Neoplasms	40	23.0
Diseases of the Heart	25	15.5	Diseases of the Heart	31	17.8
Cerebrovascular Diseases	10	6.2	Cerebrovascular Diseases	21	12.1
Nephritis/Nephrotic/Nephrosis	10	6.2	Influenza and Pneumonia	6	3.4
Accidents (ex. med./surg. comp.)	8	5.0	Accidents (ex. med./surg. comp.)	6	3.4
Diabetes Mellitus	6	3.7	Diabetes Mellitus	5	2.9
Septicemia	4	2.5	Nephritis/Nephrotic/Nephrosis	5	2.9
Hypertension/Hypertens. Renal Dis.	4	2.5	In Situ/Benign/Uncer.Neoplasms	3	1.7
Certain Cond. Orig. Perinatal Per.	4	2.5	Nutritional Deficiencies	3	1.7
Influenza and Pneumonia	3	1.9	Alzheimer's Disease	3	1.7
Intentional Self-Harm (Suicide)	3	1.9	Chronic Liver Disease and Cirrhosis	3	1.7
In Situ/Benign/Uncer.Neoplasms	2	1.2	Intentional Self-Harm (Suicide)	3	1.7

Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Notes: There were 4 records in 2012 and 11 records in 2013 in which race was unknown; these are included in the totals. Also included in the 2012 total is one Hawaiian female death.

In 2013, there were 24 female deaths of "other" races, two Hawaiian deaths, and 29 records where multiple races were indicated.

Underlying cause of death is the disease or injury that initiated events resulting in death. For the ICD-10 codes used for cause of death groupings, see Technical Notes, page 80. Conditions abbreviated in this table are spelled out in full in the Technical Notes.

- Among females in every race group, diseases of the heart and malignant neoplasms (cancer) were the two leading underlying causes of death in 2013.
- Cerebrovascular disease was the third leading cause of death for all females except American Indians, for whom accidents were the third leading cause.

## Cause of Death

**Table 20. Leading Underlying Causes of Death by Ethnicity, Wisconsin 2012 and 2013**

2012			2013		
	Number	Percent		Number	Percent
<b>TOTAL</b>	<b>48,225</b>	<b>100.0</b>	<b>TOTAL</b>	<b>49,917</b>	<b>100.0</b>
Diseases of the Heart	11,249	23.3	Malignant Neoplasms	11,396	22.8
Malignant Neoplasms	11,185	23.2	Diseases of the Heart	11,310	22.7
Accidents (ex. med./surg. comp.)	2,789	5.8	Accidents (ex. med./surg. comp.)	2,927	5.9
Cerebrovascular Diseases	2,506	5.2	Chronic Lower Respiratory Dis.	2,785	5.6
Chronic Lower Respiratory Dis.	2,505	5.2	Cerebrovascular Diseases	2,523	5.1
Alzheimer's Disease	1,642	3.4	Alzheimer's Disease	1,663	3.3
Diabetes Mellitus	1,275	2.6	Diabetes Mellitus	1,278	2.6
Nephritis/Nephrotic/Nephrosis	1,027	2.1	Influenza and Pneumonia	1,113	2.2
Influenza and Pneumonia	1,000	2.1	Nephritis/Nephrotic/Nephrosis	993	2.0
Intentional Self-Harm (Suicide)	734	1.5	Intentional Self-Harm (Suicide)	853	1.7
<b>NON-HISPANIC</b>	<b>47,670</b>	<b>100.0</b>	<b>NON-HISPANIC</b>	<b>49,267</b>	<b>100.0</b>
Diseases of the Heart	11,167	23.4	Malignant Neoplasms	11,246	22.8
Malignant Neoplasms	11,061	23.2	Diseases of the Heart	11,204	22.7
Accidents (ex. med./surg. comp.)	2,727	5.7	Accidents (ex. med./surg. comp.)	2,843	5.8
Chronic Lower Respiratory Dis.	2,492	5.2	Chronic Lower Respiratory Dis.	2,768	5.6
Cerebrovascular Diseases	2,479	5.2	Cerebrovascular Diseases	2,501	5.1
Alzheimer's Disease	1,629	3.4	Alzheimer's Disease	1,656	3.4
Diabetes Mellitus	1,247	2.6	Diabetes Mellitus	1,251	2.5
Nephritis/Nephrotic/Nephrosis	1,014	2.1	Influenza and Pneumonia	1,109	2.3
Influenza and Pneumonia	992	2.1	Nephritis/Nephrotic/Nephrosis	981	2.0
Intentional Self-Harm (Suicide)	721	1.5	Intentional Self-Harm (Suicide)	840	1.7
<b>HISPANIC/LATINO</b>	<b>555</b>	<b>100.0</b>	<b>HISPANIC/LATINO</b>	<b>630</b>	<b>100.0</b>
Malignant Neoplasms	124	22.3	Malignant Neoplasms	144	22.9
Diseases of the Heart	82	14.8	Diseases of the Heart	103	16.3
Accidents (ex. med./surg. comp.)	62	11.2	Accidents (ex. med./surg. comp.)	84	13.3
Diabetes Mellitus	28	5.0	Diabetes Mellitus	27	4.3
Cerebrovascular Diseases	27	4.9	Chronic Liver Disease & Cirrhosis	25	4.0
Chronic Liver Disease & Cirrhosis	24	4.3	Cerebrovascular Diseases	22	3.5
Alzheimer's Disease	13	2.3	Certain Cond. Orig. Perinatal Per	19	3.0
Chronic Lower Respiratory Dis.	13	2.3	Chronic Lower Respiratory Dis.	16	2.5
Nephritis/Nephrotic/Nephrosis	13	2.3	Assault (Homicide)	15	2.4
Certain Cond. Orig. Perinatal Per.	13	2.3	Intentional Self-Harm (Suicide)	13	2.1

Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Notes: Underlying cause of death is the disease or injury that initiated the events resulting in death.

For the ICD-10 codes used for cause-of-death groupings, see Technical Notes, page 80.

Conditions abbreviated in this table are spelled out in full in the Technical Notes.

There were 20 deaths in 2013 for which ethnicity was unknown.

- Cancer and diseases of the heart were the leading causes of death among Hispanics/Latinos in 2013. Cancer accounted for 23 percent of deaths among both Hispanics/Latinos and non-Hispanics in 2013.
- In 2013, accidents accounted for 13 percent of deaths among Hispanics and 6 percent of deaths among non-Hispanics.

## Cause of Death

**Table 21. Leading Underlying Causes of Death for Males by Ethnicity, Wisconsin 2012 and 2013**

2012			2013		
	Number	Percent		Number	Percent
<b>TOTAL</b>	<b>23,721</b>	<b>100.0</b>	<b>TOTAL</b>	<b>24,748</b>	<b>100.0</b>
Malignant Neoplasms	5,852	24.7	Diseases of the Heart	6,044	24.4
Diseases of the Heart	5,843	24.6	Malignant Neoplasms	6,001	24.2
Accidents (ex. med./surg. comp.)	1,611	6.8	Accidents (ex. med./surg. comp.)	1,686	6.8
Chronic Lower Respiratory Dis.	1,194	5.0	Chronic Lower Respiratory Dis.	1,312	5.3
Cerebrovascular Diseases	1,005	4.2	Cerebrovascular Diseases	1,025	4.1
Diabetes Mellitus	626	2.6	Intentional Self-Harm (Suicide)	693	2.8
Intentional Self-Harm (Suicide)	573	2.4	Diabetes Mellitus	670	2.7
Alzheimer's Disease	528	2.2	Alzheimer's Disease	498	2.0
Influenza and Pneumonia	475	2.0	Influenza and Pneumonia	479	1.9
Nephritis/Nephrotic/Nephrosis	469	2.0	Nephritis/Nephrotic/Nephrosis	476	1.9
<b>NON-HISPANIC</b>	<b>23,400</b>	<b>100.0</b>	<b>NON-HISPANIC</b>	<b>24,360</b>	<b>100.0</b>
Diseases of the Heart	5,792	24.8	Diseases of the Heart	5,976	24.5
Malignant Neoplasms	5,784	24.7	Malignant Neoplasms	5,918	24.3
Accidents (ex. med./surg. comp.)	1,567	6.7	Accidents (ex. med./surg. comp.)	1,623	6.7
Chronic Lower Respiratory Dis.	1,191	5.1	Chronic Lower Respiratory Dis.	1,300	5.3
Cerebrovascular Diseases	990	4.2	Cerebrovascular Diseases	1,014	4.2
Diabetes Mellitus	616	2.6	Intentional Self-Harm (Suicide)	687	2.8
Intentional Self-Harm (Suicide)	563	2.4	Diabetes Mellitus	656	2.7
Alzheimer's Disease	525	2.2	Alzheimer's Disease	494	2.0
Influenza and Pneumonia	469	2.0	Influenza and Pneumonia	477	2.0
Nephritis/Nephrotic/Nephrosis	462	2.0	Nephritis/Nephrotic/Nephrosis	472	1.9
<b>HISPANIC/LATINO</b>	<b>321</b>	<b>100.0</b>	<b>HISPANIC/LATINO</b>	<b>375</b>	<b>100.0</b>
Malignant Neoplasms	68	21.2	Malignant Neoplasms	78	20.8
Diseases of the Heart	51	15.9	Diseases of the Heart	66	17.6
Accidents (ex. med./surg. comp.)	44	13.7	Accidents (ex. med./surg. comp.)	63	16.8
Chronic Liver Disease and Cirrhosis	19	5.9	Chronic Liver Disease and Cirrhosis	15	4.0
Cerebrovascular Diseases	15	4.7	Diabetes Mellitus	14	3.7
Diabetes Mellitus	10	3.1	Assault (Homicide)	13	3.5
Certain Cond. Orig. Perinatal Per.	10	3.1	Cerebrovascular Diseases	11	2.9
Intentional Self-Harm (Suicide)	10	3.1	Chronic Lower Respiratory Dis.	11	2.9
Assault (Homicide)	10	3.1	Certain Cond. Orig. Perinatal Per.	11	2.9
Nephritis/Nephrotic/Nephrosis	7	2.2	Congenital Malformations, etc.	7	1.9

Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Notes: Underlying cause of death is the disease or injury that initiated events resulting in death.  
 For the ICD-10 codes used for cause-of-death groupings, see Technical Notes, page 80.  
 Conditions abbreviated in this table are spelled out in full in the Technical Notes.  
 There were 13 deaths among males in 2013 for which ethnicity was unknown.

- Among Hispanic/Latino males, cancer and diseases of the heart were the two leading causes of death in 2013, accounting for 38 percent of total male Hispanic deaths. These two causes accounted for 49 percent of non-Hispanic male deaths.

## Cause of Death

**Table 22. Leading Underlying Causes of Death for Females by Ethnicity, Wisconsin 2012 and 2013**

2012			2013		
	Number	Percent		Number	Percent
<b>TOTAL</b>	<b>24,504</b>	<b>100.0</b>	<b>TOTAL</b>	<b>25,169</b>	<b>100.0</b>
Diseases of the Heart	5,406	22.1	Malignant Neoplasms	5,395	21.4
Malignant Neoplasms	5,333	21.8	Diseases of the Heart	5,266	20.9
Cerebrovascular Diseases	1,501	6.1	Cerebrovascular Diseases	1,498	6.0
Chronic Lower Respiratory Dis.	1,311	5.4	Chronic Lower Respiratory Dis.	1,473	5.9
Accidents (ex. med./surg. comp.)	1,178	4.8	Accidents (ex. med./surg. comp.)	1,241	4.9
Alzheimer's Disease	1,114	4.5	Alzheimer's Disease	1,165	4.6
Diabetes Mellitus	649	2.6	Influenza and Pneumonia	634	2.5
Nephritis/Nephrotic/Nephrosis	558	2.3	Diabetes Mellitus	608	2.4
Influenza and Pneumonia	525	2.1	Nephritis/Nephrotic/Nephrosis	517	2.1
Septicemia	260	1.1	Hypertension/Hypertens. Renal Dis.	269	1.1
<b>NON-HISPANIC</b>	<b>24,270</b>	<b>100.0</b>	<b>NON-HISPANIC</b>	<b>24,907</b>	<b>100.0</b>
Diseases of the Heart	5,375	22.1	Malignant Neoplasms	5,328	21.4
Malignant Neoplasms	5,277	21.7	Diseases of the Heart	5,228	21.0
Cerebrovascular Diseases	1,489	6.1	Cerebrovascular Diseases	1,487	6.0
Chronic Lower Respiratory Dis.	1,301	5.4	Chronic Lower Respiratory Dis.	1,468	5.9
Accidents (ex. med./surg. comp.)	1,160	4.8	Accidents (ex. med./surg. comp.)	1,220	4.9
Alzheimer's Disease	1,104	4.5	Alzheimer's Disease	1,162	4.7
Diabetes Mellitus	631	2.6	Influenza and Pneumonia	632	2.5
Nephritis/Nephrotic/Nephrosis	552	2.3	Diabetes Mellitus	595	2.4
Influenza and Pneumonia	523	2.2	Nephritis/Nephrotic/Nephrosis	509	2.0
Septicemia	260	1.1	Hypertension/Hypertens. Renal Dis.	267	1.1
<b>HISPANIC/LATINA</b>	<b>234</b>	<b>100.0</b>	<b>HISPANIC/LATINA</b>	<b>255</b>	<b>100.0</b>
Malignant Neoplasms	56	23.9	Malignant Neoplasms	66	25.9
Diseases of the Heart	31	13.2	Diseases of the Heart	37	14.5
Diabetes Mellitus	18	7.7	Accidents (ex. med./surg. comp.)	21	8.2
Accidents (ex. med./surg. comp.)	18	7.7	Diabetes Mellitus	13	5.1
Cerebrovascular Diseases	12	5.1	Cerebrovascular Diseases	11	4.3
Alzheimer's Disease	10	4.3	Chronic Liver Disease and Cirrhosis	10	3.9
Chronic Lower Respiratory Dis.	10	4.3	Nephritis/Nephrotic/Nephrosis	8	3.1
Nephritis/Nephrotic/Nephrosis	6	2.6	Certain Cond. Orig. Perinatal Per	8	3.1
Chronic Liver Disease and Cirrhosis	5	2.1	Intentional Self-Harm (Suicide)	7	2.7
Congenital Malformations, etc.	4	1.7	Chronic Lower Respiratory Dis.	5	2.0

Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Notes: Underlying cause of death is the disease or injury that initiated events resulting in death. For the ICD-10 codes used for cause of death groupings, see Technical Notes, page 80. Conditions abbreviated in this table are spelled out in full in the Technical Notes.

There were 7 deaths among females in 2013 for which ethnicity was unknown.

- Among Hispanic/Latina females, cancer and diseases of the heart were the two leading causes of death in 2013, accounting for 40 percent of total female Hispanic deaths.

**Cause of Death**

**Table 23. Deaths by Underlying Cause of Death and County of Residence, Wisconsin, 2013**

	Total	Adams	Ashland	Barron	Bayfield	Brown	Buffalo	Burnett	Calumet	Chippewa	Clark
<b>Total Deaths, All Causes</b>	49,917	279	191	492	142	1,851	129	187	333	611	356
<b>Male</b>	24,748	151	102	229	83	920	64	110	185	296	167
<b>Female</b>	25,169	128	89	263	59	931	65	77	148	315	189
Tuberculosis	4										
Human Immunodeficiency Virus (HIV)	34					1					
Malignant Neoplasms	11,396	78	48	102	26	403	29	56	79	132	75
Stomach	186	1		1		12			1	2	
Colon, Rectum, Anus	971	8	4	15	3	24	1	3	10	11	8
Pancreas	814	5	3	11	4	33	2	5	5	8	7
Trachea, Bronchus and Lung	2,923	26	14	24	5	92	9	21	16	37	12
Breast	771	4	1	5	2	24	2	4	5	10	4
Cervix Uteri, Corpus Uteri, Ovary	475	4	2	1	2	17		2	2	4	7
Prostate	607	5	2	11	2	20	1	2	9	6	6
Urinary Tract	656	2	1	4	3	23	1	1	6	6	4
Non-Hodgkins Lymphoma	411	5	2	2	1	15	2	1	7	10	1
Leukemia	535	2	3	2	1	16	1	2	2	5	3
Other Malignant Neoplasms	3,047	16	16	26	3	127	10	15	16	33	23
Diabetes Mellitus	1,278	7	3	18	10	39	5	6	20	20	12
Alzheimers Disease	1,663	8	12	20	3	56		3	12	17	8
Major Cardiovascular Diseases	14,867	70	67	148	46	585	46	48	90	181	103
Diseases of the Heart	11,310	58	50	116	35	451	41	39	69	138	77
Hyper. Heart Dis w/wo Renal Dis.	588		6	3	1	7	1	1	3	4	2
Ischemic Heart Disease	6,721	41	28	72	26	284	18	23	38	88	52
Other Diseases of the Heart	4,001	17	16	41	8	160	22	15	28	46	23
Hypertension/Hypertensive Renal Dis.	426	4	1	2	1	4			3	7	2
Cerebrovascular Diseases	2,523	7	14	29	8	105	2	7	14	30	17
Atherosclerosis	143					1				3	
Other Diseases of Circulatory System	465	1	2	1	2	24	3	2	4	3	7
Influenza and Pneumonia	1,112	4	7	8	1	30	4	1	7	17	7
Chronic Lower Respiratory Diseases	2,785	21	15	30	6	107	3	11	19	48	26
Peptic Ulcer	68			1		4				1	
Chronic Liver Disease and Cirrhosis	616	2		4	4	23	2	2	3	5	2
Nephritis, Nephrotic Syn./Nephrosis	993	6	3	13		35	2	5	5	16	11
Pregnancy, Childbirth & Puerperium	12					1			1		
Certain Conditions Orig./Perinatal Per.	218				1	13	1			2	
Congenital Malformations, etc.	215		1	1	1	15		1	1	4	2
Sudden Infant Death Syndrome	19									1	
Symptoms, Signs, and Lab Findings	309	1	1	3	2	2	4	4	2	4	2
All Other Diseases	10,276	56	23	108	25	399	25	34	69	111	82
Motor Vehicle Accidents	587	3	1	10	1	13	3	4	5	9	8
All Accidents (except motor vehicle)	2,363	16	5	19	9	75	3	7	15	30	12
Intentional Self-Harm (Suicide)	853	6	4	6	5	40	2	5	5	12	5
Assault (Homicide)	177	1	1		2	4					
All Other External Causes	72			1		6				1	1

Cause of Death

Table 23. Deaths by Underlying Cause of Death and County of Residence, Wisconsin 2013

	Columbia	Crawford	Dane	Dodge	Door	Douglas	Dunn	Eau Claire	Florence	Fond du Lac	Forest
<b>Total Deaths, All Causes</b>	519	170	3,160	903	313	446	336	839	61	953	109
<b>Male</b>	274	86	1,528	452	164	236	164	379	38	437	64
<b>Female</b>	245	84	1,632	451	149	210	172	460	23	516	45
Tuberculosis				1							
Human Immunodeficiency Virus	1		4		1						
Malignant Neoplasms	132	45	744	215	82	96	81	191	11	210	20
Stomach		1	10	1	2	1		1		1	2
Colon, Rectum, Anus	9	2	40	31	8	6	7	19	2	19	3
Pancreas	11	4	55	12	3	9	5	13	1	5	2
Trachea, Bronchus and Lung	35	5	192	47	19	30	15	48	1	59	6
Breast	9	5	62	12	7	4	6	13	2	10	2
Cervix Uteri, Corpus Uteri, Ovary	7	2	48	7	2	4	9	15	1	6	
Prostate	10	5	35	13	5	4	5	14		14	1
Urinary Tract	8	2	39	13	7	7	5	15		13	
Non-Hodgkin's Lymphoma	5	4	24	6	2	3	3	5		10	
Leukemia	6	2	36	10	5	4	5	7	1	11	
Other Malignant Neoplasms	32	13	203	63	22	24	21	41	3	62	4
Diabetes Mellitus	7	4	64	23	5	15	5	17	3	24	3
Alzheimer's Disease	14	4	166	37	11	7	9	22		46	3
Major Cardiovascular Diseases	143	52	893	280	101	120	87	239	20	302	38
Diseases of the Heart	119	41	665	219	79	84	65	190	16	241	27
Hyp. Heart Dis. w/wo Renal Dis.	4	4	45	6	1	2		12		9	
Ischemic Heart Disease	70	22	363	135	51	51	41	83	9	146	12
Other Diseases of the Heart	45	15	257	78	27	31	24	95	7	86	15
Hypertension/Hypertens. Renal Dis.	4		30	9		6	1	10		8	1
Cerebrovascular Diseases	18	9	161	45	16	27	17	35	2	47	10
Atherosclerosis			10	1	3			1	1		
Other Dis. of Circulatory System	2	2	27	6	3	3	4	3	1	6	
Influenza and Pneumonia	7	2	67	21	8	5	5	33	3	18	4
Chronic Lower Respiratory Diseases	37	18	123	45	19	36	13	42	5	61	8
Peptic Ulcer	2	3	1	2		1	1	1		1	
Chronic Liver Disease and Cirrhosis	6		36	7	2	7	1	11		10	2
Nephritis/Nephrotic Syn./Nephrosis	12	2	61	20	8	8	15	18	1	19	1
Pregnancy, Childbirth and Puerperium			1			1		1			
Certain Conditions Orig. in Perinatal Per.		1	19	5	2	3	1	4		3	
Congenital Malformations, etc.	3		18					2		6	
Sudden Infant Death Syndrome			1								
Symptoms, Signs and Lab. Findings	3		15	7	2	11	2	5	1	1	3
All Other Diseases	96	33	612	172	54	103	82	200	11	189	19
Motor Vehicle Accidents	12	2	39	9	2	5	9	6	1	8	2
All Accidents (except motor vehicle)	28	2	219	47	10	17	22	27	3	42	4
Intentional Self-Harm (Suicide)	15	2	65	11	4	8	2	18	2	11	2
Assault (Homicide)	1		9			1	1	2		2	
All Other External Causes			3	1	2	2					



**Cause of Death**

**Table 23. Deaths by Underlying Cause of Death and County of Residence, Wisconsin 2013**

	Grant	Green	Green Lake	Iowa	Iron	Jackson	Jefferson	Juneau	Kenosha	Kewaunee	La Crosse
<b>Total Deaths, All Causes</b>	491	344	212	197	109	226	615	330	1,358	202	948
<b>Male</b>	237	171	91	93	55	118	321	186	706	104	437
<b>Female</b>	254	173	121	104	54	108	294	144	652	98	511
Tuberculosis											
Human Immunodeficiency Virus									2		
Malignant Neoplasms	114	68	43	43	30	49	151	77	313	34	207
Stomach	2		1	2		1		1	6		1
Colon, Rectum, Anus	10	7	4	2		6	13	7	40	5	10
Pancreas	10	5	3	2	3	2	12	5	23	1	14
Trachea, Bronchus and Lung	19	23	13	14	5	16	42	22	73	8	55
Breast	9	1	3	3	4		7	5	19	1	8
Cervix Uteri, Corpus Uteri, Ovary	6	3	3	1	2	2	3	4	15	4	7
Prostate	8	2	1	4	1	2	8	4	15	2	12
Urinary Tract	7	3	3	3	6	3	7	5	15	2	22
Non-Hodgkin's Lymphoma	4	6	2		3		4	4	13		7
Leukemia	9	5	2			4	10	4	17	2	10
Other Malignant Neoplasms	30	13	8	12	6	13	45	16	77	9	61
Diabetes Mellitus	19	4	9	6	1	3	23	9	48	8	15
Alzheimer's Disease	29	32	6	7	2	15	38	16	28	5	29
Major Cardiovascular Diseases	133	101	68	66	28	84	163	93	403	65	267
Diseases of the Heart	94	72	53	53	24	68	122	68	317	43	194
Hyp. Heart Dis. w/wo Renal Dis.	4	1	8	3		3	6	1	12	1	10
Ischemic Heart Disease	56	38	30	38	13	48	78	43	215	23	121
Other Diseases of the Heart	34	33	15	12	11	17	38	24	90	19	63
Hypertension/Hypertens. Renal Dis.	2	1	3	3		2	6	4	12	1	6
Cerebrovascular Diseases	32	24	10	10	2	11	28	20	64	14	53
Atherosclerosis	1				1		1		1	1	3
Other Dis. of Circulatory System	4	4	2		1	3	6	1	9	6	11
Influenza and Pneumonia	9	8	5	1	3	4	13	8	35	4	19
Chronic Lower Respiratory Diseases	38	16	13	9	5	14	41	20	70	13	47
Peptic Ulcer	1	1		1				1	3		3
Chronic Liver Disease and Cirrhosis	5	3	3	3	3	3	8	6	13	2	14
Nephritis/Nephrotic Syn./Nephrosis	5	4	3	3		4	10		29	10	27
Pregnancy, Childbirth and Puerperium									1		
Certain Conditions Orig. in Perinatal Per.	2						2		5	2	1
Congenital Malformations, etc.	4	1	1	3			2	4	6	1	3
Sudden Infant Death Syndrome									1		
Symptoms, Signs and Lab. Findings	3	1			1	2	1		7		4
All Other Diseases	98	76	49	35	28	29	120	64	252	43	231
Motor Vehicle Accidents	6	8	1	6	1	5	11	4	19	2	5
All Accidents (except motor vehicle)	18	15	5	9	7	7	24	18	92	10	55
Intentional Self-Harm (Suicide)	5	5	5	5		5	8	8	23	3	19
Assault (Homicide)		1	1			2		1	3		1
All Other External Causes	2							1	5		1

Cause of Death

Table 23. Deaths by Underlying Cause of Death and County of Residence, Wisconsin 2013

	Lafayette	Langlad	Lincoln	Manitowoc	Marathon	Marinette	Marquette	Menominee	Milwaukee	Monroe	Oconoto
<b>Total Deaths, All Causes</b>	138	238	367	884	1,151	513	183	39	8,232	418	345
<b>Male</b>	85	119	189	427	574	267	101	21	4,015	224	201
<b>Female</b>	53	119	178	457	577	246	82	18	4,217	194	144
Tuberculosis											
Human Immunodeficiency Virus				1	1				17		
Malignant Neoplasms	38	51	78	186	253	132	50	7	1,859	98	102
Stomach		1	1	5	3	4	2		44	1	3
Colon, Rectum, Anus	4	5	6	15	21	11	5		162	6	7
Pancreas	1	3	2	14	21	7	2		140	6	5
Trachea, Bronchus and Lung	10	14	27	38	53	27	16	3	489	29	23
Breast	3	3	3	17	21	9	2		129	8	4
Cervix Uteri, Corpus Uteri, Ovary	2	1	2	9	8	9	2		83	1	5
Prostate	4		1	13	17	7	5		87	5	5
Urinary Tract	4	2	8	10	16	8	2	1	91	8	12
Non-Hodgkin's Lymphoma	3	2	3	6	10	3	1		60	8	3
Leukemia		1	5	7	18	13	3	1	96	3	6
Other Malignant Neoplasms	7	19	20	52	65	34	10	2	478	23	29
Diabetes Mellitus	4	8	13	20	33	4	12	4	181	16	4
Alzheimer's Disease	3	12	25	16	65	6	4		176	9	6
Major Cardiovascular Diseases	45	69	101	279	286	172	49	8	2,494	134	119
Diseases of the Heart	40	51	85	204	205	129	40	6	1,902	104	93
Hyp. Heart Dis. w/wo Renal Dis.		3	2	7	12	11	2	2	168	5	
Ischemic Heart Disease	29	30	53	101	107	86	19	2	1,159	69	62
Other Diseases of the Heart	11	18	30	96	86	32	19	2	575	30	31
Hypertension/Hypertens. Renal Dis.		1	1	4	11	6			90	2	3
Cerebrovascular Diseases	4	15	12	58	50	32	5	1	394	18	20
Atherosclerosis			1	8		1			44	2	
Other Diseases of Circulatory System	1	2	2	5	20	4	4	1	64	8	3
Influenza and Pneumonia	1	5	7	26	32	11	3		150	6	7
Chronic Lower Respiratory Diseases	6	19	20	50	66	38	16	2	394	29	20
Peptic Ulcer				1	2				8	1	
Chronic Liver Disease and Cirrhosis		2	6	11	15	1	2	3	118	2	6
Nephritis/Nephrotic Syn./Nephrosis		3	8	16	26	9	3		161	13	10
Pregnancy, Childbirth and Puerperium											
Certain Conditions Orig. in Perinatal Per.			1	1	2				87		1
Congenital Malformations, etc.	1	1	2	1	5	2	1	1	44	2	1
Sudden Infant Death Syndrome									12		
Symptoms, Signs and Lab. Findings	4	3	2	3	5	3	3	1	45	2	
All Other Diseases	19	37	76	201	285	98	24	6	1,692	73	46
Motor Vehicle Accidents	7	9	9	9	13	11	1	3	58	9	4
All Accidents (except motor vehicle)	5	12	15	46	43	18	7	3	502	16	11
Intentional Self-Harm (Suicide)	1	7	3	15	17	5	8	1	107	5	7
Assault (Homicide)	4		1	1	2	3			111		1
All Other External Causes				1					16	3	

**Cause of Death**

**Table 23. Deaths by Underlying Cause of Death and County of Residence, Wisconsin 2013**

	Oneida	Outagamie	Ozaukee	Pepin	Pierce	Polk	Portage	Price	Racine	Richland	Rock
<b>Total Deaths, All Causes</b>	425	1,328	688	87	265	451	537	169	1,676	182	1,463
<b>Male</b>	234	642	338	32	130	220	260	98	846	83	739
<b>Female</b>	191	686	350	55	135	231	277	71	830	99	724
Tuberculosis		1									
Human Immunodeficiency Virus						1			1		1
Malignant Neoplasms	108	296	190	29	50	108	105	41	363	45	339
Stomach	3	4	2			1	1	1	6	1	1
Colon, Rectum, Anus	7	29	21		4	12	8	4	27	6	28
Pancreas	10	22	18		2	3	9	4	24	4	29
Trachea, Bronchus and Lung	29	71	39	8	12	34	28	9	95	15	96
Breast	9	26	11	3	5	5	7	2	25	5	18
Cervix Uteri, Corpus Uteri, Ovary	3	15	7	2	2	2	3	1	7	1	16
Prostate		13	9		2	4	8	3	15	1	14
Urinary Tract	6	14	9	2	1	2	6	6	22	1	14
Non-Hodgkin's Lymphoma	10	15	7	1	4	3	1	2	16		9
Leukemia	2	8	9		3	5	6	3	14	4	14
Other Malignant Neoplasms	29	79	58	13	15	37	28	6	112	7	100
Diabetes Mellitus	11	38	20	4	8	8	20	2	41	5	41
Alzheimer's Disease	19	49	33		7	14	7	4	40	4	61
Major Cardiovascular Diseases	134	395	213	28	80	136	159	53	481	59	408
Diseases of the Heart	99	305	161	20	62	100	121	41	360	31	294
Hyp. Heart Dis. w/wo Renal Dis.	4	7	15		1	2	9	2	20		11
Ischemic Heart Disease	63	172	75	8	35	62	74	28	203	16	170
Other Diseases of the Heart	32	126	71	12	26	36	38	11	137	15	113
Hypertension/Hypertens. Renal Dis.	3	12	4		1	8	7	1	20	3	11
Cerebrovascular Diseases	22	63	33	6	14	24	27	10	78	19	84
Atherosclerosis		3	10		1	2			8	3	
Other Diseases of Circulatory Sys.	10	12	5	2	2	2	4	1	15	3	19
Influenza and Pneumonia	2	33	8		11	11	11	1	71	8	24
Chronic Lower Respiratory Diseases	23	73	43	2	11	23	27	10	102	11	105
Peptic Ulcer		2	1			2			3		2
Chronic Liver Disease and Cirrhosis	4	18	2	2	2	6	8		25	5	24
Nephritis/Nephrotic Syn./Nephrosis	2	21	8	2	3	7	13	7	37	2	25
Pregnancy, Childbirth and Puerperium				1					1		2
Certain Conditions Orig. in Perinatal Per.		8							8		5
Congenital Malformations, etc.	1	4	3		1	1	1	1	8		5
Sudden Infant Death Syndrome											
Symptoms, Signs and Lab. Findings	4	7	2	1	6	3	1		7	5	11
All Other Diseases	89	290	134	14	60	93	139	40	374	27	299
Motor Vehicle Accidents	4	13	2		8	13	6	2	11	2	11
All Accidents (except motor vehicle)	19	45	17	2	10	16	22	5	72	7	76
Intentional Self-Harm (Suicide)	4	33	12	2	7	6	14	2	27	2	20
Assault (Homicide)		1			1		1	1	4		3
All Other External Causes	1	1					3				1

**Cause of Death**

**Table 23. Deaths by Underlying Cause of Death and County of Residence, Wisconsin 2013**

	Rusk	St. Croix	Sauk	Sawyer	Shawano	Sheboygan	Taylor	Trempealeau	Vernon	Vilas	Walworth
<b>Total Deaths, All Causes</b>	183	520	571	212	496	1,151	190	279	290	299	964
<b>Male</b>	88	255	283	116	244	559	102	140	147	161	494
<b>Female</b>	95	143	288	96	252	592	88	139	143	138	470
Tuberculosis						1					
Human Immunodeficiency Virus						1	1				
Malignant Neoplasms	47	128	132	49	109	245	38	60	75	65	243
Stomach	1				1	7		2	1	2	7
Colon, Rectum, Anus	4	8	15	9	8	19	3	6	3	6	17
Pancreas	3	14	8	5	5	20	2	3	3	10	14
Trachea, Bronchus and Lung	17	32	33	12	29	67	10	12	20	13	62
Breast	1	8	14	4	7	16	2	5	4	8	16
Cervix Uteri, Corpus Uteri, Ovary	1	1	1		3	7	2	1	2	3	13
Prostate	2	4	6	2	9	7	3	9	7	2	13
Urinary Tract	2	8	8	3	7	17	2	6	7	4	23
Non-Hodgkin's Lymphoma		6	3	2	3	10	1		3	1	5
Leukemia	5	4	6		13	11	3	5	4	2	9
Other Malignant Neoplasms	11	43	38	12	24	64	10	11	21	14	64
Diabetes Mellitus	6	22	13	4	22	19	11	5	2	10	25
Alzheimer's Disease	13	10	25	1	8	36	11	4	6	10	40
Major Cardiovascular Diseases	60	122	191	70	170	372	50	99	104	116	249
Diseases of the Heart	47	95	149	53	122	279	43	76	79	91	190
Hyp. Heart Dis. w/wo Renal Dis.		3	2	2	23	2		5	6	12	7
Ischemic Heart Disease	31	57	100	40	61	161	28	34	41	53	112
Other Diseases of the Heart	16	35	47	11	38	116	15	37	32	26	71
Hypertension/Hypertens. Renal Dis.	3	1	1	1	15	5		3	4	2	14
Cerebrovascular Diseases	7	20	36	16	26	82	7	15	16	19	38
Atherosclerosis		1	1			3		1	1	1	4
Other Diseases of Circulatory Sys.	3	5	4		7	3		4	4	3	3
Influenza and Pneumonia	5	4	13	5	16	37	3	6	7	3	24
Chronic Lower Respiratory Diseases	8	37	36	11	41	60	15	19	12	16	67
Peptic Ulcer		1	1			3	2			2	
Chronic Liver Disease and Cirrhosis	1	8	9	3	4	18	4	1	4	3	9
Nephritis/Nephrotic Syn./Nephrosis	4	9	3	6	7	26	2	5	8	3	22
Pregnancy, Childbirth and Puerperium						1					
Certain Conditions Orig. in Perinatal Per.		2	2		1	2		1	1	3	3
Congenital Malformations, etc.		5	1			6	1		1		4
Sudden Infant Death Syndrome											
Symptoms, Signs and Lab. Findings	4	9	3	4		3		1	1	2	7
All Other Diseases	29	124	103	39	94	253	42	56	51	39	199
Motor Vehicle Accidents	1	8	7	4	9	11	1	5	6	7	12
All Accidents (except motor vehicle)	3	18	25	9	11	34	7	12	9	10	38
Intentional Self-Harm (Suicide)	2	11	7	6	4	17	2	5	3	7	17
Assault (Homicide)				1						1	3
All Other External Causes		2				6				2	2

## Cause of Death

**Table 23. Deaths by Underlying Cause of Death and County of Residence, Wisconsin 2013**

	Washburn	Washington	Waukesha	Waupaca	Waushara	Winnebago	Wood
<b>Total Deaths, All Causes</b>	211	1,053	3,163	673	264	1,420	779
<b>Male</b>	121	516	1,491	345	143	678	367
<b>Female</b>	90	537	1,672	328	121	742	412
Tuberculosis						1	
Human Immunodeficiency Virus			1				
Malignant Neoplasms	37	228	737	143	65	321	162
Stomach	1	3	12	2	3	8	2
Colon, Rectum, Anus	2	18	64	13	4	31	16
Pancreas	5	17	50	5	5	23	13
Trachea, Bronchus and Lung	9	67	196	31	17	87	41
Breast	2	22	56	6	4	20	8
Cervix Uteri, Corpus Uteri, Ovary	3	10	20	8	4	19	4
Prostate	2	12	44	13	4	20	6
Urinary Tract	2	10	37	8	5	15	11
Non-Hodgkin's Lymphoma	2	5	30	5	2	4	11
Leukemia		9	37	4	2	6	7
Other Malignant Neoplasms	9	55	191	48	15	88	43
Diabetes Mellitus	2	26	84	20	4	34	17
Alzheimer's Disease	8	63	102	23	2	54	22
Major Cardiovascular Diseases	74	324	885	210	110	376	253
Diseases of the Heart	59	250	675	156	99	279	187
Hyp. Heart Dis. w/wo Renal Dis.		15	39	4	2	17	6
Ischemic Heart Disease	44	128	404	103	70	148	127
Other Diseases of the Heart	15	107	232	49	27	114	54
Hypertension/Hypertens. Renal Dis.	1	6	28	4		11	6
Cerebrovascular Diseases	12	49	149	30	6	71	47
Atherosclerosis		1	7	9		1	2
Other Diseases of Circulatory System	2	18	26	11	5	14	11
Influenza and Pneumonia	7	20	87	30	7	23	19
Chronic Lower Respiratory Diseases	7	46	154	45	9	92	41
Peptic Ulcer	1	1	3	1		1	2
Chronic Liver Disease and Cirrhosis	5	17	38	10	3	13	12
Nephritis/Nephrotic Syn./Nephrosis	3	14	76	11	7	33	22
Pregnancy, Childbirth and Puerperium							1
Certain Conditions Orig. in Perinatal Per.	2	3	10	1		3	1
Congenital Malformations, etc.		3	14	3	1	8	2
Sudden Infant Death Syndrome		1	3				
Symptoms, Signs and Lab. Findings	7	2	24	5	7	8	3
All Other Diseases	41	194	686	132	38	355	157
Motor Vehicle Accidents	7	13	28	11	3	16	12
All Accidents (except motor vehicle)	6	70	164	15	5	50	36
Intentional Self-Harm (Suicide)	4	27	58	13	2	30	17
Assault (Homicide)		1	2		1	1	
All Other External Causes			7			1	

Source: Office of Health Informatics, Division of Public Health, Department of Health Services. For the ICD-10 codes used for cause-of-death groupings, see Technical Notes, page 83. The total includes 8 records for which county of residence was unknown.

**Cause of Death**

**Table 24. Deaths by Specific Underlying Cause, Wisconsin 2013**

<b>Underlying Cause of Death</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>
<b>Total Deaths From All Causes</b>	<b>49,917</b>	<b>24,748</b>	<b>25,169</b>
<b>I. Certain Infectious and Parasitic Diseases (A00-B99)</b>	<b>917</b>	<b>458</b>	<b>459</b>
<b>Intestinal Infectious Diseases (A00-A09)</b>	<b>192</b>	<b>67</b>	<b>125</b>
A04 Other Bacterial Intestinal Infections	122	42	80
A08 Viral and Other Specified Intestinal Infections	10	3	7
A09 Diarrhea and Gastroenteritis of Presumed Infectious Origin	60	22	38
<b>Tuberculosis (A15-A19)</b>	<b>4</b>	<b>3</b>	<b>1</b>
A16 Respiratory Tuberculosis, Not Confirmed Bacteriologically or Histologically	4	3	1
<b>Other Bacterial Diseases (A30-A49)</b>	<b>523</b>	<b>262</b>	<b>261</b>
A31 Infection Due to Other Mycobacteria	10	7	3
A32 Listeriosis	3	2	1
A37 Whooping Cough	1		1
A39 Meningococcal Infection	2	1	1
A40 Streptococcal Septicemia	8	8	
A41 Other Septicemia	474	229	245
A48 Other Bacterial Diseases, Not Elsewhere Classified	6	5	1
A49 Bacterial Infection of Unspecified Site	19	10	9
<b>Rickettsioses (A75-A79)</b>	<b>1</b>	<b>1</b>	
A78 Q Fever	1	1	
<b>Viral Infections of the Central Nervous System (A80-A89)</b>	<b>22</b>	<b>11</b>	<b>11</b>
A81 Atypical Virus Infections of Central Nervous System	17	8	9
A86 Unspecified Viral Encephalitis	4	2	2
A88 Other Viral Infections of Central Nervous System, Not Elsewhere Classified	1	1	
<b>Arthropod-Borne Viral Fevers and Viral Hemorrhagic Fevers (A90-A99)</b>	<b>2</b>	<b>2</b>	
A92 Other Mosquito-Borne Viral Fevers	2	2	
<b>Viral Infections Characterized by Skin/Mucous Membrane Lesions (B00-B09)</b>	<b>14</b>	<b>5</b>	<b>9</b>
B00 Herpesviral (Herpes Simplex) Infections	6	2	4
B02 Zoster (Herpes Zoster)	8	3	5
<b>Viral Hepatitis (B15-B19)</b>	<b>65</b>	<b>52</b>	<b>13</b>
B16 Acute Hepatitis B	6	4	2
B17 Other Acute Viral Hepatitis	2	2	
B18 Chronic Viral Hepatitis	57	46	11
<b>Human Immunodeficiency Virus (HIV) Disease (B20-B24)</b>	<b>34</b>	<b>23</b>	<b>11</b>
B20 HIV Disease Resulting in Infectious and Parasitic Diseases	6	5	1
B21 HIV Disease Resulting in Malignant Neoplasms	7	4	3
B22 HIV Disease Resulting in Other Specified Diseases	4	3	1
B23 HIV Disease Resulting in Other Conditions	9	6	3
B24 Unspecified HIV Disease	8	5	3
<b>Other Viral Diseases (B25-B34)</b>	<b>13</b>	<b>6</b>	<b>7</b>
B25 Cytomegaloviral Disease	2	1	1
B34 Viral Infection of Unspecified Site	11	5	6
<b>Mycoses (B35-B49)</b>	<b>20</b>	<b>12</b>	<b>8</b>
B37 Candidiasis	3	1	2

## Cause of Death

<b>Underlying Cause of Death</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>
B38 Coccidioidomycosis	1	1	
B40 Blastomycosis	2		2
B44 Aspergillosis	5	3	2
B45 Cryptococcosis	3	3	
B46 Zygomycosis	1		1
B49 Unspecified Mycosis	5	4	1
<b>Protozoal Diseases (B50-B64)</b>	<b>5</b>	<b>1</b>	<b>4</b>
B59 Pneumocystosis	5	1	4
<b>Sequelae of Infectious and Parasitic Diseases (B90-B94)</b>	<b>17</b>	<b>11</b>	<b>6</b>
B90 Sequelae of Tuberculosis	2	1	1
B91 Sequelae of Poliomyelitis	1	1	
B94 Sequelae of Other and Unspecified Infectious and Parasitic Diseases	14	9	5
<b>Other Infectious Diseases (B99)</b>	<b>5</b>	<b>2</b>	<b>3</b>
B99 Other and Unspecified Infectious Diseases	5	2	3
<b>II. Neoplasms (C00-D48)</b>	<b>11,771</b>	<b>6,196</b>	<b>5,575</b>
<b>Malignant Neoplasms of Lip, Oral Cavity and Pharynx (C00-C14)</b>	<b>162</b>	<b>116</b>	<b>46</b>
C00 Lip	1	1	
C01 Base of Tongue	9	8	1
C02 Other and Unspecified Parts of Tongue	32	20	12
C03 Gum	1	1	
C04 Floor of Mouth	2	1	1
C05 Palate	4	3	1
C06 Other and Unspecified Parts of Mouth	21	20	1
C07 Parotid Gland	6	3	3
C08 Other and Unspecified Major Salivary Glands	8	6	2
C09 Tonsil	17	13	4
C10 Oropharynx	14	7	7
C11 Nasopharynx	13	10	3
C12 Pyriform Sinus	1	1	
C13 Hypopharynx	9	3	6
C14 Other and Ill-Defined Sites in Lip, Oral Cavity and Pharynx	24	19	5
<b>Malignant Neoplasms of Digestive Organs (C15-C26)</b>	<b>2,837</b>	<b>1,593</b>	<b>1,244</b>
C15 Esophagus	353	278	75
C16 Stomach	186	112	74
C17 Small Intestine	33	18	15
C18 Colon	747	359	388
C19 Rectosigmoid Junction	80	44	36
C20 Rectum	133	74	59
C21 Anus and Anal Canal	11	6	5
C22 Liver and Intrahepatic Bile Ducts	371	237	134
C23 Gallbladder	40	9	31
C24 Other and Unspecified Parts of Biliary Tract	30	12	18
C25 Pancreas	814	419	395
C26 Other and Ill-Defined Digestive Organs	39	25	14

## Cause of Death

<b>Underlying Cause of Death</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>
<b>Malignant Neoplasms of Respiratory and Intrathoracic Organs (C30-C39)</b>	<b>2,991</b>	<b>1,622</b>	<b>1,369</b>
C30 Nasal Cavity and Middle Ear	1	1	
C31 Accessory Sinuses	7	5	2
C32 Larynx	50	36	14
C34 Bronchus and Lung	2,923	1,572	1,351
C37 Thymus	5	3	2
C38 Heart, Mediastinum and Pleura	5	5	
<b>Malignant Neoplasms of Bone and Articular Cartilage (C40-C41)</b>	<b>21</b>	<b>15</b>	<b>6</b>
C40 Bone and Articular Cartilage of Limbs	1	1	
C41 Bone and Articular Cartilage of Other and Unspecified Sites	20	14	6
<b>Melanoma and Other Malignant Neoplasms of Skin (C43-C44)</b>	<b>216</b>	<b>154</b>	<b>62</b>
C43 Malignant Melanoma of Skin	158	116	42
C44 Other Malignant Neoplasms of Skin	58	38	20
<b>Malignant Neoplasms of Mesothelial and Soft Tissue (C45-C49)</b>	<b>176</b>	<b>96</b>	<b>80</b>
C45 Mesothelioma	58	39	19
C46 Kaposi Sarcoma	1	1	
C47 Peripheral Nerves and Autonomic Nervous System	3	3	
C48 Retroperitoneum and Peritoneum	25	3	22
C49 Other Connective and Soft Tissue	89	50	39
<b>Malignant Neoplasm of Breast (C50)</b>	<b>771</b>	<b>10</b>	<b>761</b>
C50 Breast	771	10	761
<b>Malignant Neoplasms of Female Genital Organs (C51-C58)</b>	<b>516</b>		<b>516</b>
C51 Vulva	24		24
C52 Vagina	6		6
C53 Cervix Uteri	42		42
C54 Corpus Uteri	93		93
C55 Uterus, Part Unspecified	77		77
C56 Ovary	263		263
C57 Other and Unspecified Female Genital Organs	10		10
C58 Placenta	1		1
<b>Malignant Neoplasms of Male Genital Organs (C60-C63)</b>	<b>620</b>	<b>620</b>	
C60 Penis	5	5	
C61 Prostate	607	607	
C62 Testis	7	7	
C63 Other and Unspecified Female Genital Organs	1	1	
<b>Malignant Neoplasms of Urinary Tract (C64-C68)</b>	<b>656</b>	<b>451</b>	<b>205</b>
C64 Kidney, Except Renal Pelvis	287	176	111
C65 Renal Pelvis	7	6	1
C66 Ureter	19	13	6
C67 Bladder	338	251	87
C68 Other and Unspecified Urinary Organs	5	5	
<b>Malignant Neoplasms of Eye/Brain/Oth. Parts/Central Nervous Sys. (C69-C72)</b>	<b>336</b>	<b>180</b>	<b>156</b>
C69 Eye and Adnexa	7	5	2
C71 Brain	327	174	153



## Cause of Death

Underlying Cause of Death	Total	Male	Female
C72 Spinal Cord, Cranial Nerves and Other Parts of Central Nervous System	2	1	1
<b>Malignant Neoplasms of Thyroid and Other Endocrine Glands (C73-C75)</b>	<b>57</b>	<b>30</b>	<b>27</b>
C73 Thyroid Gland	44	21	23
C74 Adrenal Gland	10	7	3
C75 Other Endocrine Glands and Related Structures	3	2	1
<b>Malignant Neoplasms of Ill-Defined, Secondary and Unspecified Sites (C76-C80)</b>	<b>728</b>	<b>376</b>	<b>352</b>
C76 Other and Ill-Defined Sites	36	13	23
C78 Secondary Malignant Neoplasm of Respiratory and Digestive Organs	48	27	21
C79 Secondary Malignant Neoplasm of Other Sites	100	64	36
C80 Malignant Neoplasm Without Specification of Site	544	272	272
<b>Malignant Neoplasms of Lymphoid, Hematopoetic and Related Tissue (C81-C96)</b>	<b>1,208</b>	<b>675</b>	<b>533</b>
C81 Hodgkins Disease	20	12	8
C82 Follicular (Nodular) Non-Hodgkins Lymphoma	10	6	4
C83 Diffuse Non-Hodgkins Lymphoma	105	63	42
C84 Peripheral and Cutaneous T-Cell Lymphomas	28	23	5
C85 Other and Unspecified Types of Non-Hodgkins Lymphoma	268	137	131
C88 Malignant Immunoproliferative Diseases	6	5	1
C90 Multiple Myeloma and Malignant Plasma Cell Neoplasms	234	138	96
C91 Lymphoid Leukemia	135	74	61
C92 Myeloid Leukemia	284	148	136
C93 Monocytic Leukemia	5	3	2
C94 Other Leukemias of Specified Cell Type	2		2
C95 Leukemia of Unspecified Cell Type	109	66	43
C96 Other/Unspecified Malignant Neoplasms Lymphoid, Hematopoetic and Related Tissue	2		2
<b>Malignant Neoplasms of Independent (Primary) Multiple Sites (C97)</b>	<b>101</b>	<b>63</b>	<b>38</b>
C97 Independent (Primary) Multiple Sites	101	63	38
<b>Benign Neoplasms (D10-D36)</b>	<b>25</b>	<b>14</b>	<b>11</b>
D13 Other and Ill-Defined Parts of Digestive System	3	3	
D15 Other and Unspecified Intrathoracic Organs	1		1
D18 Hemangioma and Lymphangioma, Any Site	3	2	1
D27 Ovary	1		1
D32 Meninges	14	6	8
D35 Other and Unspecified Endocrine Glands	1	1	
D36 Other and Unspecified Sites	2	2	
<b>Neoplasms of Uncertain Or Unknown Behavior (D37-D48)</b>	<b>350</b>	<b>181</b>	<b>169</b>
D37 Oral Cavity and Digestive Organs	21	12	9
D38 Middle Ear and Respiratory and Intrathoracic Organs	5	3	2
D39 Female Genital Organs	2		2
D41 Urinary Organs	3	2	1
D43 Brain and Central Nervous System	57	23	34
D44 Endocrine Glands	3	1	2
D45 Polycythemia Vera	8	4	4
D46 Myelodysplastic Syndromes	181	101	80

## Cause of Death

Underlying Cause of Death	Total	Male	Female
D47 Other Neoplasms Uncertain or Unknown Behavior of Lymphoid, Hematopoietic and Related Tissue	44	22	22
D48 Other and Unspecified Sites	26	13	13
<b>III. Diseases of Blood and Blood-Forming Organs and Certain Disorders Involving the Immune Mechanisms (D50-D89)</b>	<b>221</b>	<b>92</b>	<b>129</b>
<b>Nutritional Anemias (D50-D53)</b>	<b>8</b>	<b>2</b>	<b>6</b>
D50 Iron Deficiency Anemia	6		6
D52 Folate Deficiency Anemia	2	2	
<b>Hemolytic Anemias (D55-D59)</b>	<b>14</b>	<b>5</b>	<b>9</b>
D57 Sickle-Cell Disorders	6	2	4
D58 Other Hereditary Hemolytic Anemias	6	3	3
D59 Acquired Hemolytic Anemia	2		2
<b>Aplastic and Other Anemias (D60-D64)</b>	<b>89</b>	<b>38</b>	<b>51</b>
D61 Other Aplastic Anemias	14	6	8
D62 Acute Posthemorrhagic Anemia	8	6	2
D64 Other Anemias	67	26	41
<b>Coagulation Defects, Purpura and Other Hemorrhagic Conditions (D65-D69)</b>	<b>52</b>	<b>22</b>	<b>30</b>
D65 Disseminated Intravascular Coagulation (Defibrination Syndrome)	13	6	7
D66 Hereditary Factor VIII Deficiency	1	1	
D68 Other Coagulation Defects	26	8	18
D69 Purpura and Other Hemorrhagic Conditions	12	7	5
<b>Other Diseases of Blood and Blood-Forming Organs (D70-D77)</b>	<b>18</b>	<b>7</b>	<b>11</b>
D70 Agranulocytosis	8	2	6
D71 Functional Disorders of Polymorphonuclear Neutrophils	1	1	
D72 Other Disorders of White Blood Cells	1	1	
D73 Diseases of Spleen	3	2	1
D75 Other Diseases of Blood and Blood-Forming Organs	4	1	3
D76 Certain Diseases Involving Lymphoreticular Tissue/Reticulohistiocytic Sys.	1		1
<b>Certain Disorders Involving the Immune Mechanism (D80-D89)</b>	<b>40</b>	<b>18</b>	<b>22</b>
D80 Immunodeficiency with Predominantly Antibody Defects	3	1	2
D81 Combined Immunodeficiencies	2	1	1
D83 Common Variable Immunodeficiency	1		1
D84 Other Immunodeficiencies	3	3	
D86 Sarcoidosis	26	11	15
D89 Other Disorders Involving Immune Mechanism, Not Elsewhere Classified	5	2	3
<b>IV. Endocrine, Nutritional and Metabolic Disease (E00-E90)</b>	<b>1,897</b>	<b>981</b>	<b>916</b>
<b>Disorder of Thyroid Gland (E00-E07)</b>	<b>29</b>	<b>6</b>	<b>23</b>
E03 Other Hypothyroidism	25	3	22
E04 Other Nontoxic Goitre	2	2	
E05 Thyrotoxicosis (Hyperthyroidism)	2	1	1
<b>Diabetes Mellitus (E10-E14)</b>	<b>1,278</b>	<b>670</b>	<b>608</b>
E10 Insulin-Dependent Diabetes Mellitus	77	40	37
E11 Non-Insulin-Dependent Diabetes Mellitus	341	162	179

## Cause of Death

Underlying Cause of Death	Total	Male	Female
E14 Unspecified Diabetes Mellitus	860	468	392
<b>Other Disorders of Glucose Regulation/Pancreatic Internal Secretion (E15-E16)</b>	<b>9</b>	<b>5</b>	<b>4</b>
E16 Other Disorders of Pancreatic Internal Secretion	9	5	4
<b>Disorders of Other Endocrine Glands (E20-E35)</b>	<b>15</b>	<b>7</b>	<b>8</b>
E21 Hyperparathyroidism and Other Disorders of Parathyroid Gland	1		1
E22 Hyperfunction of Pituitary Gland	3	3	
E23 Hypofunction and Other Disorders of Pituitary Gland	7	4	3
E27 Other Disorders of Adrenal Gland	3		3
E34 Other Endocrine Disorders	1		1
<b>Malnutrition (E40-E46)</b>	<b>66</b>	<b>29</b>	<b>37</b>
E41 Nutritional Marasmus	1	1	
E43 Unspecified Severe Protein-Energy Malnutrition	21	8	13
E45 Retarded Development Following Protein-Energy Malnutrition	8	3	5
E46 Unspecified Protein-Energy Malnutrition	36	17	19
<b>Other Nutritional Deficiencies (E50-E64)</b>	<b>2</b>	<b>1</b>	<b>1</b>
E51 Thiamine Deficiency	2	1	1
<b>Obesity and Other Hyperalimentation (E65-E68)</b>	<b>117</b>	<b>64</b>	<b>53</b>
E66 Obesity	117	64	53
<b>Metabolic Disorders (E70-E90)</b>	<b>381</b>	<b>199</b>	<b>182</b>
E71 Disorders of Branched-Chain Amino-Acid Metabolism and Fatty-Acid Metabolism	1		1
E72 Other Disorders of Amino-Acid Metabolism	1	1	
E75 Disorders of Sphingolipid Metabolism and Other Lipid Storage Disorders	6	4	2
E76 Disorders of Glycosaminoglycan Metabolism	1	1	
E78 Disorders of Lipoprotein Metabolism and Other Lipidemias	197	116	81
E80 Disorders of Porphyrin and Bilirubin Metabolism	1		1
E83 Disorders of Mineral Metabolism	12	3	9
E84 Cystic Fibrosis	6	4	2
E85 Amyloidosis	30	20	10
E86 Volume Depletion	54	17	37
E87 Other Disorders of Fluid, Electrolyte and Acid-Base Balance	53	22	31
E88 Other Metabolic Disorders	19	11	8
<b>V. Mental and Behavioral Disorders (F00-F99)</b>	<b>3,763</b>	<b>1,286</b>	<b>2,477</b>
<b>Organic, Including Symptomatic, Mental Disorders (F00-F09)</b>	<b>3,506</b>	<b>1,117</b>	<b>2,389</b>
F01 Vascular Dementia	204	62	142
F03 Unspecified Dementia	3,264	1,034	2,230
F04 Organic Amnesic Syndrome, Not Induced by Alcohol/Other Psychoactive Substance	1	1	
F05 Delirium, Not Induced By Alcohol/Other Psychoactive Substances	20	13	7
F06 Other Mental Disorders Due To Brain Damage and Dysfunction and Physical Disease	16	6	10
F09 Unspecified Organic or Symptomatic Mental Disorder	1	1	
<b>Mental and Behavior Disorders Due to Psychoactive Substance Abuse (F10-F19)</b>	<b>201</b>	<b>143</b>	<b>58</b>
F10 Use of Alcohol	182	133	49
F11 Use of Opioids	3	1	2

## Cause of Death

Underlying Cause of Death	Total	Male	Female
F14 Use of Cocaine	1		1
F15 Use of Other Stimulants	1	1	
F17 Use of Tobacco	1		1
F19 Multiple Drug Use and Use of Other Psychoactive Substances	13	8	5
<b>Schizophrenia, Schizotypal and Delusional Disorders (F20-F29)</b>	<b>15</b>	<b>8</b>	<b>7</b>
F20 Schizophrenia	10	6	4
F22 Persistent Delusional Disorders	2	1	1
F25 Schizoaffective Disorders	2		2
F29 Unspecified Nonorganic Psychosis	1	1	
<b>Mood (Affective) Disorders (F30-F39)</b>	<b>22</b>	<b>11</b>	<b>11</b>
F31 Bipolar Affective Disorder	2	1	1
F32 Depressive Episodes	20	10	10
<b>Neurotic, Stress-Related and Somatoform Disorders (F40-F48)</b>	<b>1</b>		<b>1</b>
F41 Other Anxiety Disorders	1		1
<b>Behavior Syndromes Associated With Physiological Disturbances/Physical Factors (F50-F59)</b>	<b>7</b>	<b>3</b>	<b>4</b>
F50 Eating Disorders	3		3
F54 Psychological and Behavioral Factors Assoc. with Disorders/Diseases Classified Elsewhere	4	3	1
<b>Mental Retardation (F70-F79)</b>	<b>7</b>	<b>4</b>	<b>3</b>
F72 Severe Mental Retardation	2	1	1
F73 Profound Mental Retardation	2	1	1
F79 Unspecified Mental Retardation	3	2	1
<b>Disorders of Psychological Development (F80-F89)</b>	<b>3</b>		<b>3</b>
F84 Pervasive Developmental Disorders	3		3
<b>Unspecified Mental Disorder (F99)</b>	<b>1</b>		<b>1</b>
F99 Mental Disorder, Not Otherwise Specified	1		1
<b>VI. Diseases of the Nervous System (G00-G99)</b>	<b>3,089</b>	<b>1,247</b>	<b>1,842</b>
<b>Inflammatory Diseases of the Central Nervous System (G00-G09)</b>	<b>24</b>	<b>10</b>	<b>14</b>
G00 Bacterial Meningitis, Not Elsewhere Classified	5	2	3
G03 Meningitis Due to Other and Unspecified Causes	4	1	3
G04 Encephalitis, Myelitis and Encephalomyelitis	5		5
G06 Intracranial and Intrapinal Abscess and Granuloma	7	6	1
G08 Intracranial and Intrapinal Phlebitis and Thrombophlebitis	1		1
G09 Sequelae of Inflammatory Diseases of Central Nervous System	2	1	1
<b>Systemic Atrophies Primarily Affecting Central Nervous System (G10-G14)</b>	<b>197</b>	<b>109</b>	<b>88</b>
G10 Huntingtons Disease	26	18	8
G11 Hereditary Ataxia	7	4	3
G12 Spinal Muscular Atrophy and Related Syndromes	160	86	74
G14 Postpolio Syndrome	4	1	3
<b>Extrapyramidal and Movement Disorders (G20-G26)</b>	<b>586</b>	<b>339</b>	<b>247</b>
G20 Parkinsons Disease	574	334	240
G21 Secondary Parkinsonism	3	2	1
G23 Other Degenerative Diseases of the Basal Ganglia	5	1	4
G24 Dystonia	2	1	1

## Cause of Death

Underlying Cause of Death	Total	Male	Female
G25 Other Extrapyrarnidal and Movement Disorders	2	1	1
<b>Other Degenerative Diseases of the Nervous System (G30-G32)</b>	<b>1,818</b>	<b>575</b>	<b>1,243</b>
G30 Alzheimers Disease	1,663	498	1,165
G31 Other Degenerative Diseases of Nervous System, Not Elsewhere Classified	155	77	78
<b>Demyelinating Diseases of the Central Nervous System (G35-G37)</b>	<b>113</b>	<b>36</b>	<b>77</b>
G35 Multiple Sclerosis	110	36	74
G37 Other Demyelinating Diseases of Central Nervous System	3		3
<b>Episodic and Paroxysmal Disorders (G40-G47)</b>	<b>68</b>	<b>31</b>	<b>37</b>
G40 Epilepsy	27	15	12
G41 Status Epilepticus	11	2	9
G43 Migraine	1		1
G45 Transient Cerebral Ischemic Attacks and Related Syndromes	4	3	1
G47 Sleep Disorders	25	11	14
<b>Nerve, Nerve Root and Plexus Disorders (G50-G59)</b>	<b>5</b>	<b>2</b>	<b>3</b>
G50 Disorders of Trigeminal Nerve	2	1	1
G54 Nerve Root and Plexus Disorders	1		1
G58 Other Mononeuropathies	2	1	1
<b>Polyneuropathies and Oth Disorders of Peripheral Nervous System (G60-G64)</b>	<b>19</b>	<b>13</b>	<b>6</b>
G60 Hereditary and Idiopathic Neuropathy	3	1	2
G61 Inflammatory Polyneuropathy	9	7	2
G62 Other Polyneuropathies	7	5	2
<b>Diseases of Myoneural Junction and Muscle (G70-G73)</b>	<b>46</b>	<b>26</b>	<b>20</b>
G70 Myasthenia Gravis and Other Myoneural Disorders	20	10	10
G71 Primary Disorders of Muscles	24	16	8
G72 Other Myopathies	2		2
<b>Cerebral Palsy and Other Paralytic Syndromes (G80-G83)</b>	<b>53</b>	<b>25</b>	<b>28</b>
G80 Infantile Cerebral Palsy	43	21	22
G81 Hemiplegia	3	1	2
G82 Paraplegia and Tetraplegia	7	3	4
<b>Other Disorders of the Nervous System (G90-G99)</b>	<b>160</b>	<b>81</b>	<b>79</b>
G90 Disorders of Autonomic Nervous System	4	3	1
G91 Hydrocephalus	20	10	10
G92 Toxic Encephalopathy	1		1
G93 Other Disorders of Brain	132	66	66
G95 Other Diseases of Spinal Cord	2	2	
G96 Other Disorders of Central Nervous System	1		1
<b>VII. Diseases of the Eye and Adnexa (H00-H59)</b>	<b>1</b>	<b>1</b>	
<b>Disorders of Sclera, Cornea, Iris and Ciliary Body (H15-H22)</b>	<b>1</b>	<b>1</b>	
H16 Keratitis	1	1	

## Cause of Death

Underlying Cause of Death	Total	Male	Female
<b>IX. Diseases of the Circulatory System (I00-I99)</b>	<b>14,925</b>	<b>7,552</b>	<b>7,373</b>
<b>Chronic Rheumatic Heart Diseases (I05-I09)</b>	<b>68</b>	<b>23</b>	<b>45</b>
I05 Rheumatic Mitral Valve Diseases	21	6	15
I07 Rheumatic Tricuspid Valve Diseases	16	3	13
I08 Multiple Valve Diseases	25	10	15
I09 Other Rheumatic Heart Diseases	6	4	2
<b>Hypertensive Diseases (I10-I15)</b>	<b>1,014</b>	<b>426</b>	<b>588</b>
I10 Essential (Primary) Hypertension	237	78	159
I11 Hypertensive Heart Disease	517	236	281
I12 Hypertensive Renal Disease	189	79	110
I13 Hypertensive Heart and Renal Disease	71	33	38
<b>Ischemic Heart Diseases (I20-I25)</b>	<b>6,721</b>	<b>4,028</b>	<b>2,693</b>
I20 Angina Pectoris	2	1	1
I21 Acute Myocardial Infarction	2,599	1,594	1,005
I22 Subsequent Myocardial Infarction	1		1
I24 Other Acute Ischemic Heart Diseases	52	25	27
I25 Chronic Ischemic Heart Disease	4,067	2,408	1,659
<b>Pulmonary Heart Disease and Diseases of Pulmonary Circulation (I26-I28)</b>	<b>348</b>	<b>134</b>	<b>214</b>
I26 Pulmonary Embolism	174	69	105
I27 Other Pulmonary Heart Diseases	173	65	108
I28 Other Diseases of Pulmonary Vessels	1		1
<b>Other Forms of Heart Disease (I30-I52)</b>	<b>3,585</b>	<b>1,590</b>	<b>1,995</b>
I30 Acute Pericarditis	2	2	
I31 Other Diseases of Pericardium	15	10	5
I33 Acute and Subacute Endocarditis	25	13	12
I34 Nonrheumatic Mitral Valve Disorders	64	18	46
I35 Nonrheumatic Aortic Valve Disorders	475	182	293
I38 Endocarditis, Valve Unspecified	134	53	81
I40 Acute Myocarditis	3	2	1
I42 Cardiomyopathy	446	274	172
I44 Atrioventricular and Left-Bundle-Branch Block	20	6	14
I45 Other Conduction Disorders	10	5	5
I46 Cardiac Arrest	20	10	10
I47 Paroxysmal Tachycardia	12	9	3
I48 Atrial Fibrillation and Flutter	425	140	285
I49 Other Cardiac Arrhythmias	256	129	127
I50 Heart Failure	1,485	634	851
I51 Complications and Ill-Defined Descriptions of Heart Disease	193	103	90
<b>Cerebrovascular Diseases (I60-I69)</b>	<b>2,523</b>	<b>1,025</b>	<b>1,498</b>
I60 Subarachnoid Hemorrhage	102	36	66
I61 Intracerebral Hemorrhage	328	163	165
I62 Other Nontraumatic Intracranial Hemorrhage	162	90	72
I63 Cerebral Infarction	128	51	77
I64 Stroke, Not Specified as Hemorrhage or Infarction	1,349	501	848

## Cause of Death

Underlying Cause of Death	Total	Male	Female
I67 Other Cerebrovascular Diseases	103	42	61
I69 Sequelae of Cerebrovascular Disease	351	142	209
<b>Diseases of Arteries, Arterioles and Capillaries (I70-I79)</b>	<b>608</b>	<b>294</b>	<b>314</b>
I70 Atherosclerosis	143	46	97
I71 Aortic Aneurysm and Dissection	233	137	96
I72 Other Aneurysm	16	12	4
I73 Other Peripheral Vascular Diseases	186	89	97
I74 Arterial Embolism and Thrombosis	12	5	7
I77 Other Disorders of Arteries and Arterioles	15	4	11
I78 Diseases of Capillaries	3	1	2
<b>Diseases of Veins, Lymphatic Vessels and Lymph Nodes, Not Elsewhere Classified (I80-I89)</b>	<b>48</b>	<b>25</b>	<b>23</b>
I80 Phlebitis and Thrombophlebitis	34	16	18
I81 Portal Vein Thrombosis	2	1	1
I82 Other Venous Embolism and Thrombosis	2	1	1
I83 Varicose Veins of Lower Extremities	3	2	1
I84 Hemorrhoids	1	1	
I86 Varicose Veins of Other Sites	1	1	
I87 Other Disorders of Veins	2	1	1
I89 Other Noninfective Disorders of Lymphatic Vessels and Lymph Nodes	3	2	1
<b>Other and Unspecified Disorders of Circulatory System (I95-I99)</b>	<b>10</b>	<b>7</b>	<b>3</b>
I95 Hypotension	3	2	1
I99 Other and Unspecified Disorders of Circulatory System	7	5	2
<b>X. Diseases of the Respiratory System (J00-J99)</b>	<b>4,858</b>	<b>2,297</b>	<b>2,561</b>
<b>Acute Upper Respiratory Infections (J00-J06)</b>	<b>4</b>	<b>2</b>	<b>2</b>
J01 Acute Sinusitis	1	1	
J06 Acute Upper Respiratory Infections of Multiple or Unspecified Sites	3	1	2
<b>Influenza and Pneumonia (J09-J18)</b>	<b>1,113</b>	<b>479</b>	<b>634</b>
J09 Influenza Due to Identified Avian Influenza Virus	1	1	
J10 Influenza Due to Identified Influenza Virus	53	28	25
J11 Influenza, Virus Not Identified	87	32	55
J12 Viral Pneumonia, Not Elsewhere Classified	3	1	2
J13 Pneumonia Due to Streptococcus Pneumonia	11	5	6
J14 Pneumonia Due to Hemophilus Influenza	1	1	
J15 Bacterial Pneumonia, Not Elsewhere Classified	24	11	13
J18 Pneumonia, Organism Unspecified	933	400	533
<b>Other Acute Lower Respiratory Infections (J20-J22)</b>	<b>6</b>	<b>2</b>	<b>4</b>
J20 Acute Bronchitis	2		2
J21 Acute Bronchiolitis	1	1	
J22 Unspecified Acute Lower Respiratory Infection	3	1	2
<b>Other Diseases of Upper Respiratory Tract (J30-J39)</b>	<b>10</b>	<b>8</b>	<b>2</b>
J32 Chronic Sinusitis	1	1	
J38 Diseases of Vocal Cords and Larynx, Not Elsewhere Classified	4	4	
J39 Other Diseases of Upper Respiratory Tract	5	3	2

## Cause of Death

Underlying Cause of Death	Total	Male	Female
<b>Chronic Lower Respiratory Diseases (J40-J47)</b>	<b>2,785</b>	<b>1,312</b>	<b>1,473</b>
J40 Bronchitis, Not Specified as Acute or Chronic	11	6	5
J42 Unspecified Chronic Bronchitis	5	2	3
J43 Emphysema	163	83	80
J44 Other Chronic Obstructive Pulmonary Disease	2,510	1,186	1,324
J45 Asthma	70	22	48
J46 Status Asthmaticus	6	5	1
J47 Bronchiectasis	20	8	12
<b>Lung Diseases Due to External Agents (J60-J70)</b>	<b>384</b>	<b>215</b>	<b>169</b>
J61 Pneumoconiosis Due to Asbestos and Other Mineral Fibers	13	13	
J62 Pneumoconiosis Due to Dust Containing Silica	2	2	
J67 Hypersensitivity Pneumonitis Due to Organic Dust	5	3	2
J68 Respiratory Conditions Due to Inhalation of Chemicals, Gases, Fumes and Vapor	1		1
J69 Pneumonitis Due to Solids and Liquids	362	196	166
J70 Respiratory Conditions Due to Other External Agents	1	1	
<b>Other Respiratory Diseases Principally Affecting the Interstitium (J80-J84)</b>	<b>405</b>	<b>206</b>	<b>199</b>
J80 Adult Respiratory Distress Syndrome	28	15	13
J81 Pulmonary Edema	10	3	7
J82 Pulmonary Eosinophilia, Not Elsewhere Classified	7	4	3
J84 Other Interstitial Pulmonary Diseases	360	184	176
<b>Suppurative and Necrotic Conditions of Lower Respiratory Tract (J85-J86)</b>	<b>13</b>	<b>8</b>	<b>5</b>
J85 Abscess of Lung and Mediastinum	7	5	2
J86 Pyothorax	6	3	3
<b>Other Diseases of Pleura (J90-J94)</b>	<b>34</b>	<b>18</b>	<b>16</b>
J90 Pleural Effusion, Not Elsewhere Classified	28	14	14
J93 Pneumothorax	4	2	2
J94 Other Pleural Conditions	2	2	
<b>Other Diseases of the Respiratory System (J95-J99)</b>	<b>104</b>	<b>47</b>	<b>57</b>
J96 Respiratory Failure, Not Elsewhere Classified	26	8	18
J98 Other Respiratory Disorders	78	39	39
<b>XI. Diseases of the Digestive System (K00-K93)</b>	<b>1,952</b>	<b>952</b>	<b>1,000</b>
<b>Diseases of Oral Cavity, Salivary Glands and Jaws (K00-K14)</b>	<b>3</b>	<b>2</b>	<b>1</b>
K04 Diseases of Pulp and Periapical Tissues	1	1	
K11 Diseases of Salivary Glands	1	1	
K12 Stomatitis and Related Lesions	1		1
<b>Diseases of Esophagus, Stomach and Duodenum (K20-K31)</b>	<b>156</b>	<b>75</b>	<b>81</b>
K20 Esophagitis	3	2	1
K21 Gastro-Esophageal Reflux Disease	15	6	9
K22 Other Diseases of Esophagus	46	24	22
K25 Gastric Ulcer	19	6	13
K26 Duodenal Ulcer	31	14	17
K27 Peptic Ulcer, Site Unspecified	18	14	4
K29 Gastritis and Duodenitis	6	4	2



## Cause of Death

Underlying Cause of Death	Total	Male	Female
K30 Dyspepsia	1		1
K31 Other Diseases of Stomach and Duodenum	17	5	12
<b>Diseases of Appendix (K35-K38)</b>	<b>13</b>	<b>7</b>	<b>6</b>
K35 Acute Appendicitis	12	7	5
K38 Other Diseases of Appendix	1		1
<b>Hernia (K40-K46)</b>	<b>48</b>	<b>20</b>	<b>28</b>
K40 Inguinal Hernia	9	5	4
K41 Femoral Hernia	2	1	1
K42 Umbilical Hernia	2	1	1
K43 Ventral Hernia	7		7
K44 Diaphragmatic Hernia	15	5	10
K45 Other Abdominal Hernia	1		1
K46 Unspecified Hernia of Abdominal Cavity	12	8	4
<b>Noninfective Enteritis and Colitis (K50-K52)</b>	<b>22</b>	<b>7</b>	<b>15</b>
K50 Crohns Disease (Regional Enteritis)	11	2	9
K51 Ulcerative Colitis	8	4	4
K52 Other Noninfective Gastroenteritis and Colitis	3	1	2
<b>Other Diseases of Intestines (K55-K63)</b>	<b>488</b>	<b>183</b>	<b>305</b>
K55 Vascular Disorders of Intestine	166	51	115
K56 Paralytic Ileus and Intestinal Obstruction Without Hernia	166	80	86
K57 Diverticular Disease of Intestine	70	24	46
K59 Other Functional Intestinal Disorders	14	3	11
K61 Abscess of Anal and Rectal Regions	2		2
K62 Other Diseases of Anus and Rectum	4	2	2
K63 Other Diseases of Intestine	66	23	43
<b>Diseases of Peritoneum (K65-K67)</b>	<b>37</b>	<b>14</b>	<b>23</b>
K65 Peritonitis	31	11	20
K66 Other Disorders of Peritoneum	6	3	3
<b>Diseases of Liver (K70-K77)</b>	<b>813</b>	<b>471</b>	<b>342</b>
K70 Alcoholic Liver Disease	333	227	106
K72 Hepatic Failure, Not Elsewhere Classified	87	42	45
K73 Chronic Hepatitis, Not Elsewhere Classified	2	2	
K74 Fibrosis and Cirrhosis of Liver	281	152	129
K75 Other Inflammatory Liver Diseases	19	4	15
K76 Other Diseases of Liver	91	44	47
<b>Disorders of Gallbladder, Biliary Tract and Pancreas (K80-K87)</b>	<b>161</b>	<b>74</b>	<b>87</b>
K80 Cholelithiasis	14	2	12
K81 Cholecystitis	47	21	26
K82 Other Diseases of Gallbladder	5	3	2
K83 Other Diseases of Biliary Tract	28	10	18
K85 Acute Pancreatitis	47	29	18
K86 Other Diseases of Pancreas	20	9	11
<b>Other Diseases of the Digestive System (K90-K93)</b>	<b>211</b>	<b>99</b>	<b>112</b>
K90 Intestinal Malabsorption	7	4	3

## Cause of Death

Underlying Cause of Death	Total	Male	Female
K92 Other Diseases of Digestive System	204	95	109
<b>XII. Diseases of the Skin and Subcutaneous Tissue (L00-L99)</b>	<b>69</b>	<b>33</b>	<b>36</b>
<b>Infections of the Skin and Subcutaneous Tissue (L00-L08)</b>	<b>44</b>	<b>24</b>	<b>20</b>
L02 Cutaneous Abscess, Furuncle and Carbuncle	7	3	4
L03 Cellulitis	34	20	14
L08 Other Local Infections of Skin and Subcutaneous Tissue	3	1	2
<b>Other Disorders of the Skin and Subcutaneous Tissue (L80-L99)</b>	<b>25</b>	<b>9</b>	<b>16</b>
L89 Decubitus Ulcer	14	6	8
L93 Lupus Erythematosus	2	1	1
L97 Ulcer of Lower Limb, Not Elsewhere Classified	4	2	2
L98 Other Disorders of Skin and Subcutaneous Tissue, Not Elsewhere Classified	5		5
<b>XIII. Diseases of the Musculoskeletal System and Connective Tissue (M00-M99)</b>	<b>305</b>	<b>94</b>	<b>211</b>
<b>Infectious Arthropathies (M00-M03)</b>	<b>7</b>	<b>7</b>	
M00 Pyogenic Arthritis	7	7	
<b>Inflammatory Polyarthropathies (M05-M14)</b>	<b>64</b>	<b>14</b>	<b>50</b>
M05 Seropositive Rheumatoid Arthritis	10	3	7
M06 Other Rheumatoid Arthritis	49	9	40
M08 Juvenile Arthritis	1		1
M10 Gout	1	1	
M13 Other Arthritis	3	1	2
<b>Arthrosis (M15-M19)</b>	<b>26</b>	<b>5</b>	<b>21</b>
M15 Polyarthrosis	1		1
M16 Coxarthrosis (Arthrosis of Hip)	2		2
M17 Gonarthrosis (Arthrosis of Knee)	1	1	
M19 Other Arthrosis	22	4	18
<b>Systemic Connective Tissue Disorders (M30-M36)</b>	<b>60</b>	<b>15</b>	<b>45</b>
M30 Polyarteritis Nodosa and Related Conditions	1		1
M31 Other Necrotizing Vasculopathies	17	5	12
M32 Systemic Lupus Erythematosus	10	1	9
M33 Dermatopolymyositis	1	1	
M34 Systemic Sclerosis	20	5	15
M35 Other Systemic Involvement of Connective Tissue	11	3	8
<b>Deforming Dorsopathies (M40-M43)</b>	<b>9</b>	<b>2</b>	<b>7</b>
M41 Scoliosis	6		6
M43 Other Deforming Dorsopathies	3	2	1
<b>Spondylopathies (M45-M49)</b>	<b>17</b>	<b>4</b>	<b>13</b>
M45 Ankylosing Spondylitis	2	2	
M46 Other Inflammatory Spondylopathies	4	1	3
M47 Spondylosis	3		3
M48 Other Spondylopathies	8	1	7
<b>Other Dorsopathies (M50-M54)</b>	<b>6</b>	<b>3</b>	<b>3</b>
M51 Other Intervertebral Disc Disorders	1	1	
M54 Dorsalgia	5	2	3

## Cause of Death

Underlying Cause of Death	Total	Male	Female
<b>Disorders of Muscles (M60-M63)</b>	<b>27</b>	<b>12</b>	<b>15</b>
M60 Myositis	9	5	4
M62 Other Disorders of Muscle	18	7	11
<b>Other Soft Tissue Disorders (M70-M79)</b>	<b>15</b>	<b>4</b>	<b>11</b>
M70 Soft Tissue Disorders Related to Use, Overuse and Pressure	1		1
M71 Other Bursopathies	2		2
M72 Fibroblastic Disorders	10	3	7
M79 Other Soft Tissue Disorders, Not Elsewhere Classified	2	1	1
<b>Disorders of Bone Density and Structure (M80-M85)</b>	<b>40</b>	<b>9</b>	<b>31</b>
M80 Osteoporosis With Pathological Fracture	16	1	15
M81 Osteoporosis Without Pathological Fracture	14	3	11
M84 Disorders of Continuity of Bone	10	5	5
<b>Other Osteopathies (M86-M90)</b>	<b>33</b>	<b>19</b>	<b>14</b>
M86 Osteomyelitis	28	15	13
M87 Osteonecrosis	1		1
M88 Pagets Disease of Bone (Osteitis Deformans)	1	1	
M89 Other Disorders of Bone	3	3	
<b>Other Disorders of Musculoskeletal System and Connective Tissue (M95-M99)</b>	<b>1</b>		<b>1</b>
M95 Other Acquired Deformities of Musculoskeletal System	1		1
<b>XIV. Diseases of the Genitourinary System (N00-N99)</b>	<b>1,324</b>	<b>619</b>	<b>705</b>
<b>Glomerular Diseases (N00-N08)</b>	<b>21</b>	<b>9</b>	<b>12</b>
N00 Acute Nephritic Syndrome	12	4	8
N02 Recurrent and Persistent Hematuria	2	1	1
N03 Chronic Nephritic Syndrome	1		1
N04 Nephrotic Syndrome	1	1	
N05 Unspecified Nephritic Syndrome	5	3	2
<b>Renal Tubulo-Interstitial Diseases (N10-N16)</b>	<b>25</b>	<b>12</b>	<b>13</b>
N12 Tubulo-Interstitial Nephritis, Not Specified As Acute Or Chronic	9	4	5
N13 Obstructive and Reflux Uropathy	16	8	8
<b>Renal Failure (N17-N19)</b>	<b>969</b>	<b>465</b>	<b>504</b>
N17 Acute Renal Failure	150	73	77
N18 Chronic Renal Failure	552	259	293
N19 Unspecified Renal Failure	267	133	134
<b>Urolithiasis (N20-N23)</b>	<b>10</b>	<b>4</b>	<b>6</b>
N20 Calculus of Kidney and Ureter	9	3	6
N21 Calculus of Lower Urinary Tract	1	1	
<b>Other Disorders of Kidney and Ureter (N25-N29)</b>	<b>64</b>	<b>33</b>	<b>31</b>
N25 Disorders Resulting from Impaired Renal Tubular Function	1	1	
N26 Unspecified Contracted Kidney	2	1	1
N28 Other Disorders of Kidney and Ureter, Not Elsewhere Classified	61	31	30
<b>Other Diseases of Urinary System (N30-N39)</b>	<b>221</b>	<b>87</b>	<b>134</b>
N30 Cystitis	7	4	3
N31 Neuromuscular Dysfunction of Bladder, Not Elsewhere Classified	6	4	2
N32 Other Disorders of Bladder	7	7	

## Cause of Death

Underlying Cause of Death	Total	Male	Female
N39 Other Disorders of Urinary Tract	201	72	129
<b>Diseases of Male Genital Organs (N40-N51)</b>	<b>9</b>	<b>9</b>	
N40 Hyperplasia of Prostate	7	7	
N49 Inflammatory Disorders of Male Genital Organs, Not Elsewhere Classified	2	2	
<b>Disorders of Breast (N60-N64)</b>	<b>1</b>		<b>1</b>
N63 Unspecified Lump in Breast	1		1
<b>Inflammatory Diseases of Female Pelvic Organs (N70-N77)</b>	<b>1</b>		<b>1</b>
N76 Other Inflammation of Vagina and Vulva	1		1
<b>Noninflammatory Disorders of Female Genital Tract (N80-N98)</b>	<b>3</b>		<b>3</b>
N83 Non-inflammatory Disorders of Ovary/Fallopian Tube/Broad Ligament	1		1
N94 Pain and Other conditions Associated with Female Genital Organs and Menstrual Cycle	1		1
N95 Menopausal and Other Perimenopausal Disorders	1		1
<b>XV. Pregnancy, Childbirth and the Puerperium (O00-O99)</b>	<b>12</b>		<b>12</b>
<b>Edema, Proteinuria and Hypertensive Disorders in Pregnancy, Birth and Puerperium (O10-O16)</b>	<b>2</b>		<b>2</b>
O10 Pre-Existing Hypertension Complicating Pregnancy, Childbirth & Puerperium	1		1
O16 Unspecified Maternal Hypertension	1		1
<b>Other Maternal Disorders Predominantly Related to Pregnancy (O20-O29)</b>	<b>2</b>		<b>2</b>
O26 Maternal Care for Other Conditions Predominantly Related to Pregnancy	2		2
<b>Complications Predominantly Related to the Puerperium (O85-O92)</b>	<b>3</b>		<b>3</b>
O88 Obstetric Embolism	3		3
<b>Other Obstetric Conditions, Not Elsewhere Classified (O95-O99)</b>	<b>5</b>		<b>5</b>
O95 Obstetric Death of Unspecified Cause	1		1
O96 Death From Any Obstetric Cause Occurring More Than 42 Days/Less Than 1 Year After Delivery	2		2
O99 Other Maternal Diseases Classifiable Elsewhere Complicating Pregnancy, Childbirth and the Puerperium	2		2
<b>XVI. Certain Conditions Originating in the Perinatal Period (P00-P96)</b>	<b>218</b>	<b>120</b>	<b>98</b>
<b>Fetus and Newborn Affected By Maternal Factors &amp; Complications of Pregnancy, Labor &amp; Delivery (P00-P04)</b>	<b>35</b>	<b>19</b>	<b>16</b>
P00 Fetus and Newborn Affected by Maternal Conditions Unrelated to Present Pregnancy	1		1
P01 Fetus and Newborn Affected By Maternal Complications of Pregnancy	15	8	7
P02 Fetus and Newborn Affected By Complications of Placenta, Cord and Membrane	14	8	6
P03 Fetus and Newborn Affected By Other Complications of Labor and Delivery	5	3	2
<b>Disorders Related to Length of Gestation and Fetal Growth (P05-P08)</b>	<b>95</b>	<b>52</b>	<b>43</b>
P05 Slow Fetal Growth and Fetal Malnutrition	3	1	2
P07 Disorders Related to Short Gestation and Low Birthweight, Not Elsewhere Classified	92	51	41
<b>Respiratory and Cardiovascular Disorders Specific to Perinatal Period (P20-P29)</b>	<b>36</b>	<b>21</b>	<b>15</b>
P20 Intrauterine Hypoxia	1	1	
P21 Birth Asphyxia	4	2	2

## Cause of Death

Underlying Cause of Death	Total	Male	Female
P22 Respiratory Distress of Newborn	12	7	5
P23 Congenital Pneumonia	1	1	
P24 Neonatal Aspiration Syndromes	1	1	
P25 Interstitial Emphysema and Related Conditions Originating in Perinatal Period	3	2	1
P26 Pulmonary Hemorrhage Originating in the Perinatal Period	1	1	
P27 Chronic Respiratory Disease Originating in the Perinatal Period	1	1	
P28 Other Respiratory Conditions Originating in the Perinatal Period	7	3	4
P29 Cardiovascular Disorders Originating in the Perinatal Period	5	2	3
<b>Infections Specific to Perinatal Period (P35-P39)</b>	<b>12</b>	<b>7</b>	<b>5</b>
P35 Congenital Viral Diseases	1		1
P36 Bacterial Sepsis of Newborn	10	7	3
P39 Other Infections Specific to the Perinatal Period	1		1
<b>Hemorrhagic and Hematological Disorders of Fetus and Newborn (P50-P61)</b>	<b>9</b>	<b>4</b>	<b>5</b>
P50 Fetal Blood Loss	1		1
P52 Intracranial Nontraumatic Hemorrhage of Fetus and Newborn	6	2	4
P57 Kernicterus	1	1	
P60 Disseminated Intravascular Coagulation of Fetus and Newborn	1	1	
<b>Digestive System Disorders of Fetus and Newborn (P75-P78)</b>	<b>12</b>	<b>6</b>	<b>6</b>
P77 Necrotizing Enterocolitis of Fetus and Newborn	9	5	4
P78 Other Perinatal Digestive System Disorders	3	1	2
<b>Conditions Involving the Integument and Temperature Regulation of Fetus/Newborn (P80-P83)</b>	<b>7</b>	<b>1</b>	<b>6</b>
P83 Other Conditions of Integument Specific to Fetus and Newborn	7	1	6
<b>Other Disorders Originating In Perinatal Period (P90-P96)</b>	<b>12</b>	<b>10</b>	<b>2</b>
P90 Convulsions of Newborn	1		1
P91 Other Disturbances of Cerebral Status of Newborn	10	9	1
P96 Other Conditions Originating in the Perinatal Period	1	1	
<b>XVII. Congenital Malformations/Deformations/Chromosomal Abnormalities (Q00-Q99)</b>	<b>215</b>	<b>104</b>	<b>111</b>
<b>Congenital Malformations of the Nervous System (Q00-Q07)</b>	<b>17</b>	<b>8</b>	<b>9</b>
Q00 Anencephaly and Similar Malformations	3	1	2
Q02 Microcephaly	1	1	
Q03 Congenital Hydrocephalus	2	2	
Q04 Other Congenital Malformations of Brain	6	4	2
Q05 Spina Bifida	5		5
<b>Congenital Malformations of the Circulatory System (Q20-Q28)</b>	<b>65</b>	<b>37</b>	<b>28</b>
Q20 Congenital Malformations of Cardiac Chambers and Connections	5	5	
Q21 Congenital Malformations of Cardiac Septa	3	1	2
Q22 Congenital Malformations of Pulmonary and Tricuspid Valves	3	1	2
Q23 Congenital Malformations of Aortic and Mitral Valves	13	8	5
Q24 Other Congenital Malformations of the Heart	27	13	14
Q25 Congenital Malformations of Great Arteries	3	3	
Q27 Other Congenital Malformations of Peripheral Vascular System	10	6	4
Q28 Other Congenital Malformations of Circulatory System	1		1

## Cause of Death

Underlying Cause of Death	Total	Male	Female
<b>Congenital Malformations of the Respiratory System (Q30-Q34)</b>	<b>4</b>	<b>2</b>	<b>2</b>
Q33 Congenital Malformations of Lung	3	2	1
Q34 Other Congenital Malformations of Respiratory System	1		1
<b>Congenital Malformations of the Digestive System (Q38-Q45)</b>	<b>1</b>		<b>1</b>
Q43 Other Congenital Malformations of Intestine	1		1
<b>Congenital Malformations of the Urinary System (Q60-Q64)</b>	<b>20</b>	<b>8</b>	<b>12</b>
Q60 Renal Agenesis and Other Reduction Defects of Kidney	2		2
Q61 Cystic Kidney Disease	17	7	10
Q64 Other Congenital Malformations of Urinary System	1	1	
<b>Congenital Malformations and Deformations of the Musculoskeletal System (Q65-Q79)</b>	<b>15</b>	<b>6</b>	<b>9</b>
Q75 Other Congenital Malformations of Skull and Face Bones	1		1
Q77 Osteochondrodysplasia with Defects of Growth Tubular Bones and Spine	2		2
Q78 Other Osteochondrodysplasias	1	1	
Q79 Congenital Malformations of the Musculoskeletal System, Not Elsewhere Classified	11	5	6
<b>Other Congenital Malformations (Q80-Q89)</b>	<b>31</b>	<b>15</b>	<b>16</b>
Q81 Epidermolysis Bullosa	1	1	
Q82 Other Congenital Malformations of Skin	1		1
Q85 Phakomatoses, Not Elsewhere Classified	8	1	7
Q87 Other Specified Congenital Malformation Syndromes Affecting Multiple Systems	11	8	3
Q89 Other Congenital Malformations, Not Elsewhere Classified	10	5	5
<b>Chromosomal Abnormalities, Not Elsewhere Classified (Q90-Q99)</b>	<b>62</b>	<b>28</b>	<b>34</b>
Q90 Downs Syndrome	30	15	15
Q91 Edwards Syndrome and Patau Syndrome	21	8	13
Q92 Other Trisomies and Partial Trisomies of the Autosomes, Not Elsewhere Classified	2	1	1
Q93 Monosomies and Deletions from the Autosomes, Not Elsewhere Classified	4	2	2
Q96 Turners Syndrome	3		3
Q99 Other Chromosome Abnormalities, Not Elsewhere Classified	2	2	
<b>XVIII. Symptoms, Signs and Abnormal Clinical Lab Findings, Not Elsewhere Classified (R00-R99)</b>	<b>328</b>	<b>154</b>	<b>174</b>
<b>Symptoms and Signs Involving the Circulatory and Respiratory Systems (R00-R09)</b>	<b>8</b>	<b>4</b>	<b>4</b>
R04 Hemorrhage From Respiratory Passages	2	1	1
R06 Abnormalities of Breathing	5	2	3
R09 Other Symptoms and Signs Involving Circulatory and Respiratory System	1	1	
<b>Symptoms and Signs Involving the Digestive System and Abdomen (R10-R19)</b>	<b>11</b>	<b>6</b>	<b>5</b>
R13 Dysphagia	3	3	
R17 Unspecified Jaundice	2	2	
R19 Other Symptoms and Signs Involving the Digestive System and Abdomen	6	1	5
<b>Symptoms and Signs Involving the Urinary System (R30-R39)</b>	<b>1</b>		<b>1</b>
R31 Unspecified Hematuria	1		1

## Cause of Death

Underlying Cause of Death	Total	Male	Female
<b>Symptoms and Signs Involving Cognition, Perception, Emotional State and Behavior (R40-R46)</b>	<b>3</b>	<b>1</b>	<b>2</b>
R40 Somnolence, Stupor and Coma	1	1	
R41 Other Symptoms and Signs Involving Cognitive Functions and Awareness	2		2
<b>General Symptoms and Signs (R50-R69)</b>	<b>96</b>	<b>33</b>	<b>63</b>
R50 Fever of Unknown Origin	1	1	
R53 Malaise and Fatigue	7	3	4
R54 Senility	20	5	15
R56 Convulsions, Not Elsewhere Classified	10	4	6
R57 Shock, Not Elsewhere Classified, Not Elsewhere Classified	3	2	1
R58 Hemorrhage, Not Elsewhere Classified	12	6	6
R62 Lack of Expected Normal Physiological Development	25	7	18
R63 Symptoms and Signs Concerning Food and Fluid Intake	1	1	
R64 Cachexia	7	1	6
R68 Other General Symptoms and Signs	10	3	7
<b>Abnormal Findings On Exam of Blood, Without Diagnosis (R70-R79)</b>	<b>1</b>	<b>1</b>	
R73 Elevated Blood Glucose Level	1	1	
<b>Abnormal Findings On Diagnostic Imaging and In Function Studies, Without Diagnosis (R90-R94)</b>	<b>4</b>	<b>2</b>	<b>2</b>
R91 Abnormal Findings On Diagnostic Imaging of Lung	4	2	2
<b>Ill-Defined and Unknown Causes of Mortality (R95-R99)</b>	<b>204</b>	<b>107</b>	<b>97</b>
R95 Sudden Infant Death Syndrome	19	11	8
R99 Other Ill-Defined and Unspecified Causes of Mortality	185	96	89
<b>XX. External Causes of Morbidity and Mortality (V01-Y89)</b>	<b>4,052</b>	<b>2,562</b>	<b>1,490</b>
<b>Pedestrian Injured In Transport Accident (V01-V09)</b>	<b>55</b>	<b>34</b>	<b>21</b>
V02 Pedestrian Injured in Collision with 2 or 3 Wheeled Motor Vehicle	1		1
V03 Pedestrian Injured in Collision with Car, Pick-Up Truck or Van	34	18	16
V04 Pedestrian Injured in Collision with Heavy Transport Vehicle or Bus	4	4	
V05 Pedestrian Injured in Collision with Railway Train Or Railway Vehicle	5	4	1
V09 Pedestrian Injured in Other and Unspecified Transport Accidents	11	8	3
<b>Pedal Cyclist Injured In Transport Accident (V10-V19)</b>	<b>14</b>	<b>12</b>	<b>2</b>
V13 Pedal Cyclist Injured in Collision with Car, Pick-Up Truck or Van	7	6	1
V14 Pedal Cyclist Injured in Collision with Heavy Transport Vehicle or Bus	1	1	
V18 Pedal Cyclist Injured in Non-collision Transport Accident	4	3	1
V19 Pedal Cyclist Injured in Other and Unspecified Transport Accidents	2	2	
<b>Motorcycle Rider Injured In Transport Accident (V20-V29)</b>	<b>92</b>	<b>79</b>	<b>13</b>
V20 Motorcycle Rider Injured in Collision with Pedestrian Or Animal	5	5	
V23 Motorcycle Rider Injured in Collision with Car, Pick-Up Truck or Van	37	33	4
V24 Motorcycle Rider Injured in Collision with Heavy Transport Vehicle or Bus	3	1	2
V27 Motorcycle Rider Injured in Collision with Fixed or Stationary Object	20	16	4
V28 Motorcycle Rider Injured in Non-Collision Transport Accident	19	16	3
V29 Motorcycle Rider Injured in Other and Unspecified Transport Accidents	8	8	
<b>Occupant of Three-Wheeled Motor Veh Injured in Transport Acc (V30-V39)</b>	<b>1</b>	<b>1</b>	
V33 Occupant of 3-Wheeled Motor Vehicle Injured in Collision with Car, Pick-Up Truck or Van	1	1	

## Cause of Death

Underlying Cause of Death	Total	Male	Female
<b>Car Occupant Injured In Transport Accident (V40-V49)</b>	<b>281</b>	<b>166</b>	<b>115</b>
V43 Car Occupant Injured in Collision with Car/Pick-Up Truck/Van	114	55	59
V44 Car Occupant Injured in Collision with Heavy Transport Vehicle Or Bus	33	18	15
V45 Car Occupant Injured in Collision with Railway Train/Railway Vehicle	1	1	
V47 Car Occupant Injured in Collision with Fixed Or Stationary Object	66	46	20
V48 Car Occupant Injured in Non-Collision Transport Accident	51	37	14
V49 Car Occupant Injured in Other and Unspecified Transport Accidents	16	9	7
<b>Occupant of Pick-Up Truck Or Van Injured In Transport Accident (V50-V59)</b>	<b>70</b>	<b>61</b>	<b>9</b>
V53 Occupant/Pick-Up Truck/Van Injured In Collision with Car/Pick-Up Truck/Van	14	11	3
V54 Occupant/Pick-Up Truck/Van Injured In Collision with Heavy Transport Vehicle/Bus	8	8	
V55 Occupant/Pick-Up Truck/Van Injured In Collision with Heavy Transport Vehicle/Bus	1	1	
V57 Occupant/Pick-Up Truck/Van Injured In Collision with Fixed or Stationary Object	15	12	3
V58 Occupant/Pick-Up Truck/Van Injured In Non-Collision Transport Accident	26	24	2
V59 Occupant/Pick-Up Truck/Van Injured In Other and Unspecified Transport Accident	6	5	1
<b>Occupant of Heavy Transport Vehicle Injured In Transport Acc (V60-V69)</b>	<b>4</b>	<b>4</b>	
V60 Occupant/Heavy Transport Vehicle Injured In Collision with Pedestrian or Animal	1	1	
V64 Occupant/Heavy Transport Vehicle Injured In Collision with Heavy Transport Vehicle or Bus	2	2	
V68 Occupant/Heavy Transport Vehicle Injured In Non-Collision Transport Accident	1	1	
<b>Bus Occupant Injured in Transport Accident (V70-V79)</b>	<b>1</b>	<b>1</b>	
V78 Bus Occupant Injured in Non-Collision Transport Accident	1	1	
<b>Other Land Transport Accidents (V80-V89)</b>	<b>83</b>	<b>56</b>	<b>27</b>
V84 Occupant of Special Vehicle Mainly Used In Agriculture Injured in Transport Accident	3	3	
V86 Occupant of Special All-Terrain or Other Motor Vehicle Designed Primarily for Off-Road Use Injured in Transport Accident	35	30	5
V87 Traffic Accident of Specified Type But Victims Mode of Transport Unknown	10	5	5
V89 Motor or Nonmotor Vehicle Accident, Type of Vehicle Unspecified	35	18	17
<b>Water Transport Accidents (V90-V94)</b>	<b>7</b>	<b>7</b>	
V90 Accident to Watercraft Causing Drowning and Submersion	5	5	
V91 Accident to Watercraft Causing Other Injury	1	1	
V92 Water Transport-Related Drowning and Submersion Without Accident to Watercraft	1	1	
<b>Air and Space Transport Accidents (V95-V97)</b>	<b>8</b>	<b>8</b>	
V95 Accident to Powered Aircraft Causing Injury to Occupant	7	7	
V97 Other Specified Air Transport Accidents	1	1	
<b>Falls (W00-W19)</b>	<b>1,166</b>	<b>505</b>	<b>661</b>
W00 Fall On Same Level Involving Ice and Snow	14	7	7



## Cause of Death

Underlying Cause of Death	Total	Male	Female
W01 Fall On Same Level From Slipping, Tripping and Stumbling	71	24	47
W04 Fall While Being Carried or Supported By Other Persons	5	3	2
W05 Fall Involving Wheelchair	38	11	27
W06 Fall Involving Bed	72	25	47
W07 Fall Involving Chair	33	16	17
W08 Fall Involving Other Furniture	3		3
W10 Fall On and from Stairs and Steps	113	66	47
W11 Fall On and from Ladder	10	9	1
W13 Fall From, Out of or Through Building Or Structure	11	11	
W14 Fall From Tree	3	3	
W15 Fall From Cliff	1		1
W17 Other Fall From One Level to Another	7	7	
W18 Other Fall On Same Level	437	175	262
W19 Unspecified Fall	348	148	200
<b>Exposure to Inanimate Mechanical Forces (W20-W49)</b>	<b>50</b>	<b>43</b>	<b>7</b>
W20 Struck By Thrown, Projected or Falling Object	12	12	
W22 Striking Against or Struck By Other Equipment	4	3	1
W24 Contact with Lifting and Transmission Devices, Not Elsewhere Classified	1		1
W25 Contact with Sharp Glass	1	1	
W27 Contact with Non-Powered Lawnmower	1	1	
W28 Contact with Powered Lawnmower	3	1	2
W30 Contact with Agricultural Machinery	10	9	1
W31 Contact with Other and Unspecified Machinery	7	7	
W32 Handgun Discharge	4	2	2
W33 Rifle, Shotgun and Larger Firearm Discharge	1	1	
W34 Discharge From Other and Unspecified Firearms	4	4	
W40 Explosion of Other Materials	2	2	
<b>Exposure to Animate Mechanical Forces (W50-W64)</b>	<b>1</b>	<b>1</b>	
W54 Bitten or Struck By Dog	1	1	
<b>Accidental Drowning and Submersion (W65-W74)</b>	<b>52</b>	<b>47</b>	<b>5</b>
W65 Drowning and Submersion While in Bathtub	5	4	1
W67 Drowning and Submersion While in Swimming Pool	1	1	
W68 Drowning and Submersion Following Fall Into Swimming Pool	1		1
W69 Drowning and Submersion While in Natural Water	30	27	3
W70 Drowning and Submersion Following Fall into Natural Water	6	6	
W73 Other Specified Drowning and Submersion	1	1	
W74 Unspecified Drowning and Submersion	8	8	
<b>Other Accidental Threats to Breathing (W75-W84)</b>	<b>93</b>	<b>54</b>	<b>39</b>
W75 Accidental Suffocation and Strangulation in Bed	9	5	4
W76 Other Accidental Hanging and Strangulation	3	3	
W77 Threat to Breathing Due to Cave-In, Falling Earth or Other Substances	1	1	
W78 Inhalation of Gastric Contents	3	2	1
W79 Inhalation and Ingestion of Food Causing Obstruction of Respiratory Tract	24	10	14
W80 Inhalation and Ingestion of Other Objects Causing Obstruction of	31	17	14

## Cause of Death

<b>Underlying Cause of Death</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>
Respiratory Tract			
W83 Other Specified Threats to Breathing	9	8	1
W84 Unspecified Threat to Breathing	13	8	5
<b>Exposure to Electric Current/Radiation/Extreme Ambient Air Temperature and Pressure (W85-W99)</b>	<b>3</b>	<b>2</b>	<b>1</b>
W86 Exposure to Other Specified Electric Current	1	1	
W87 Exposure to Unspecified Electric Current	1	1	
W92 Exposure to Excessive Heat of Man-Made Origin	1		1
<b>Exposure to Smoke, Fire and Flames (X00-X09)</b>	<b>46</b>	<b>29</b>	<b>17</b>
X00 Exposure to Uncontrolled Fire in Building or Structure	38	23	15
X01 Exposure to Uncontrolled Fire, Not in Building or Structure	1	1	
X06 Exposure to Ignition or Melting of Other Clothing and Apparel	1	1	
X08 Exposure to Other Specified Smoke, Fire and Flames	3	3	
X09 Exposure to Unspecified Smoke, Fire and Flames	3	1	2
<b>Contact With Heat and Hot Substances (X10-X19)</b>	<b>1</b>		<b>1</b>
X11 Contact with Hot Tap Water	1		1
<b>Contact With Venomous Animals and Plants (X20-X29)</b>	<b>3</b>	<b>3</b>	
X23 Contact with Hornets, Wasps and Bees	3	3	
<b>Exposure to Forces of Nature (X30-X39)</b>	<b>34</b>	<b>19</b>	<b>15</b>
X30 Exposure to Excessive Natural Heat	9	6	3
X31 Exposure to Excessive Natural Cold	24	13	11
X39 Exposure to Other and Unspecified Forces of Nature	1		1
<b>Accidental Poisoning By and Exposure to Noxious Substances (X40-X49)</b>	<b>748</b>	<b>485</b>	<b>263</b>
X40 Accidental Poisoning by and Exposure to Nonopioid Analgesics, Antipyretics and Antirheumatics	1		1
X41 Accidental Poisoning by and Exposure to Antiepileptic, Sedative-Hypnotic, Antiparkinsonism and Psychotropic Drugs, Not Elsewhere Classified	27	16	11
X42 Accidental Poisoning by and Exposure to Narcotics and Psychodysleptics (Hallucinogens), Not Elsewhere Classified	259	193	66
X43 Accidental Poisoning by and Exposure to Other Drugs Acting on Autonomic Nervous System	3	2	1
X44 Accidental Poisoning by and Exposure to Other and Unspecified Drugs, Medicaments and Biological Substances	401	232	169
X45 Accidental Poisoning by and Exposure to Alcohol	43	32	11
X47 Accidental Poisoning by and Exposure to Other Gases and Vapors	10	7	3
X49 Accidental Poisoning by and Exposure to Other and Unspecified Chemicals and Noxious Substances	4	3	1
<b>Accidental Exposure to Other and Unspecified Factors (X58-X59)</b>	<b>64</b>	<b>31</b>	<b>33</b>
X58 Exposure to Other Specified Factors	1	1	
X59 Exposure to Unspecified Factor	63	30	33
<b>Intentional Self-Harm (X60-X84)</b>	<b>853</b>	<b>693</b>	<b>160</b>
X61 Intentional Self-Poisoning by an Exposure to Antiepileptic Sedative-Hypnotic, Antiparkinsonism and Psychotropic Drugs	20	8	12
X62 Intentional Self-Poisoning by and Exposure to Narcotics and Psychodysleptics (Hallucinogens), Not Elsewhere Classified	12	11	1
X63 Intentional Self-Poisoning by and Exposure to Other Drugs Acting on the Autonomic Nervous System	1	1	

## Cause of Death

<b>Underlying Cause of Death</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>
X64 Intentional Self-Poisoning by and Exposure to Other and Unspecified Drugs, Medicaments and Biological Substances	85	40	45
X65 Intentional Self-Poisoning by and Exposure to Alcohol	2	2	
X67 Intentional Self-Poisoning by and Exposure to Other Gases and Vapors	26	22	4
X69 Intentional Self-Poisoning by and Exposure to Other and Unspecified Chemicals and Noxious Substances	1	1	
X70 Intentional Self-Harm By Hanging, Strangulation and Suffocation	208	163	45
X71 Intentional Self-Harm By Drowning and Submersion	6	3	3
X72 Intentional Self-Harm By Handgun Discharge	233	212	21
X73 Intentional Self-Harm By Rifle, Shotgun and Larger Firearm Discharge	163	154	9
X74 Intentional Self-Harm By Other and Unspecified Firearm Discharge	40	32	8
X76 Intentional Self-Harm By Smoke, Fire and Flames	2	2	
X78 Intentional Self-Harm By Sharp Object	22	19	3
X80 Intentional Self-Harm By Jumping from a High Place	14	10	4
X81 Intentional Self-Harm By Jumping or Lying Before Moving Object	9	6	3
X82 Intentional Self-Harm By Crashing of Motor Vehicle	6	4	2
X83 Intentional Self-Harm By Other Specified Means	3	3	
<b>Assault (X85-Y09)</b>	<b>174</b>	<b>130</b>	<b>44</b>
X85 Assault by Drugs, Medicaments and Biological Substances	1		1
X91 Assault by Hanging, Strangulation and Suffocation	9	4	5
X93 Assault by Handgun Discharge	25	15	10
X94 Assault by Rifle, Shotgun and Larger Firearm Discharge	12	9	3
X95 Assault by Other and Unspecified Firearm Discharge	78	69	9
X97 Assault by Fire and Flames	3	2	1
X99 Assault by Sharp Object	18	9	9
Y00 Assault by Blunt Object	3	3	
Y02 Assault by Pushing or Placing Victim Before Moving Object	1	1	
Y03 Assault by Crashing of Motor Vehicle	1	1	
Y04 Assault by Bodily Force	1	1	
Y06 Neglect and Abandonment	1		1
Y07 Other Maltreatment Syndromes	3	2	1
Y08 Assault by Other Specified Means	4	4	
Y09 Assault by Unspecified Means	14	10	4
<b>Event of Undetermined Intent (Y10-Y34)</b>	<b>64</b>	<b>31</b>	<b>33</b>
Y11 Poisoning by and Exposure to Antiepileptic, Sedative-Hypnotic, Antiparkinsonism and Psychotropic Drugs, Not Elsewhere Classified, Undetermined Intent	2	2	
Y12 Poisoning by and Exposure to Narcotics and Psychodysleptics (Hallucinogens), Not Elsewhere Classified, Undetermined Intent	10	6	4
Y14 Poisoning by and Exposure to Other and Unspecified Drugs, Medicaments and Biological Substances, Undetermined Intent	21	4	17
Y15 Poisoning by and Exposure to Alcohol, Undetermined Intent	1	1	
Y17 Poisoning by and Exposure to Other Gases and Vapors, Undetermined Intent	2	1	1
Y20 Hanging, Strangulation and Suffocation, Undetermined Intent	3	3	
Y21 Drowning and Submersion, Undetermined Intent	4	2	2

## Cause of Death

<b>Underlying Cause of Death</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>
Y22 Handgun Discharge, Undetermined Intent	1		1
Y26 Exposure to Smoke, Fire and Flames, Undetermined Intent	3	1	2
Y28 Contact with Sharp Object, Undetermined Intent	1	1	
Y30 Falling, Jumping Or Pushed From a High Place, Undetermined Intent	1		1
Y33 Other Specified Events, Undetermined Intent	3	2	1
Y34 Unspecified Event, Undetermined Intent	12	8	4
<b>Legal Intervention and Operations Of War (Y35-Y36)</b>	<b>6</b>	<b>6</b>	
Y35 Legal Intervention	6	6	
<b>Complications of Medical and Surgical Care (Y40-Y59)</b>	<b>1</b>	<b>1</b>	
Y42 Hormones and their Synthetic Substitutes and Antagonists, Not Elsewhere Classified	1	1	
<b>Misadventures to Patients During Surgical and Medical Care (Y60-Y69)</b>	<b>1</b>		<b>1</b>
Y60 Unintentional Cut, Puncture, Perforation or Hemorrhage During Surgical and Medical Care	1		1
<b>Surgical and Other Medical Procedures As Cause of Abnormal Reaction of the Patient, or of Later Complication, Without Mention of Misadventure at the Time of the Procedure (Y83-Y84)</b>	<b>19</b>	<b>8</b>	<b>11</b>
Y83 Surgical Operation and Other Surgical Procedures as Cause of Abnormal Reaction of the Patient, or Later Complication Without Mention of Misadventure at Time of Procedure	12	6	6
Y84 Other Medical Procedures as Cause of Abnormal Reaction of Patient, or of Later Complication, Without Mention of Misadventure at Time of Procedure	7	2	5
<b>Sequelae of External Causes of Morbidity and Mortality (Y85-Y89)</b>	<b>57</b>	<b>45</b>	<b>12</b>
Y85 Sequelae of Transport Accidents	18	15	3
Y86 Sequelae of Other Accidents	32	23	9
Y87 Sequelae of Intentional Self-Harm, Assault and Events of Undetermined Intent	4	4	
Y88 Sequelae of Surgical and Medical Care as External Cause	2	2	
Y89 Sequelae of Other External Causes	1	1	

Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Note: Underlying cause of death is the disease or injury that initiated events resulting in death.

## **Technical Notes**

### **Reporting Requirements**

As specified in Chapter 69, Wisconsin Statutes, the following is a brief outline of the sequence of events that take place when a death occurs in Wisconsin:

- Within 24 hours after being notified of a death, the filing party (usually a funeral director) must create an electronic death record in the State Vital Records system and select a physician, coroner or medical examiner who will be responsible for completing and certifying the medical portion of the death record.
- The medical certifier has six days after pronouncement of the death to complete the medical portion of the record and electronically authenticate that portion of the record.
- Within two days after the medical certifier has certified the accuracy of the medical portion, the filing party must approve the death record and it will then be available in the State Vital Records system for the appropriate Register of Deeds. The Register of Deeds will review the record, and if the record is completed satisfactorily, approve it for filing with the State Vital Records Office. There should be no more than nine calendar days total from date of death until the Register of Deeds is notified of the death.
- There should be no more than 10 working days (not including weekends) from the time a Register of Deeds has received the record from the filing party to the time the Register of Deeds approves it. After the Register of Deeds has signed the electronic death record, the death record is ready for registration by the State Vital Records Office.

### International Classification of Disease (ICD-10) Codes

Causes of death for deaths that occurred in 1999 and subsequent years have been coded according to the World Health Organization's *International Classification of Diseases—Tenth Revision* (Geneva, Switzerland, 1992). This classification system is the current standard used by the National Center for Health Statistics. All of the cause-of-death groupings used in this report were recommended for state use by the National Center for Health Statistics and the World Health Organization.

Listed below are the ICD-10 codes used for ranking leading causes of death in Tables 11, 12, 13, 17, 18, 19, 20, 21 and 22 (List A). Please note that different groupings are used for ranking leading causes of infant deaths (age less than one year) in Tables 11, 12 and 13 (List B).

#### List A

Salmonella Infections (A01-A02)  
Shigellosis and Amebiasis (A03, A06)  
Tuberculosis (A16-A19)  
Whooping Cough (A37)  
Scarlet Fever and Erysipelas (A38, A46)  
Meningococcal Infection (A39)  
Septicemia (A40-A41)  
Syphilis (A50-A53)  
Acute Poliomyelitis (A80)  
Arthropod-Borne Viral Encephalitis (A83-A84, A85.2)  
Measles (B05)  
Viral Hepatitis (B15-B19)  
Human Immunodeficiency Virus (HIV) Disease (B20-B24)  
Malaria (B50-B54)  
Malignant Neoplasms (Cancer) (C00-C97)  
In Situ Neoplasms, Benign Neoplasms and Neoplasms of Uncertain or Unknown Behavior (D00-D48)  
Anemias (D50-D64)  
Diabetes Mellitus (E10-E14)  
Nutritional Deficiencies (E40-E64)  
Meningitis (G00, G03)  
Parkinson's Disease (G20-G21)  
Alzheimer's Disease (G30)  
Diseases of the Heart (I00-I09, I11, I13, I20-I51)  
Essential Hypertension and Hypertensive Renal Disease (I10, I12, I15)  
Cerebrovascular Diseases (Stroke) (I60-I69)  
Atherosclerosis (I70)  
Aortic Aneurysm and Dissection (I71)  
Influenza and Pneumonia (J09-J18)  
Acute Bronchitis and Bronchiolitis (J20-J21)  
Chronic Lower Respiratory Diseases (J40-J47)  
Pneumoconioses and Chemical Effects (J60-J66, J68)  
Pneumonitis Due to Solids and Liquids (J69)  
Peptic Ulcer (K25-K28)  
Diseases of Appendix (K35-K38)  
Hernia (K40-K46)

Chronic Liver Disease and Cirrhosis (K70, K73-K74)  
Cholelithiasis and Other Disorders of Gallbladder (K80-K82)  
Nephritis, Nephrotic Syndrome and Nephrosis (N00-N07, N17-N19, N25-N27)  
Infections of Kidney (N10-N12, N13.6, N15.1)  
Hyperplasia of Prostate (N40)  
Inflammatory Disease of Female Pelvic Organs (N70-N76)  
Pregnancy, Childbirth and the Puerperium (O00-O99)  
Certain Conditions Originating in the Perinatal Period (P00-P96)  
Congenital Malformations, Deformations and Chromosomal Abnormalities (Q00-Q99)  
Accidents (excluding medical/surgical complications) (V01-X59, Y85-Y86)  
Intentional Self-Harm (Suicide) (U03, X60-X84, Y87.0)  
Assault (Homicide) (U01-U02, X85-Y09, Y87.1)  
Legal Intervention (Y35, Y89.0)  
Operations of War and Their Sequelae (Y36, Y89.1)  
Complications of Medical and Surgical Care (Y40-Y84, Y88)  
All Other (All Other Codes)

**List B (used for Tables 11, 12 and 13 for infants only)**

Diarrhea and Gastroenteritis of Presumed Infectious Origin (A09)  
Tuberculosis (A16-A19)  
Tetanus (A33, A35)  
Diphtheria (A36)  
Whooping Cough (A37)  
Meningococcal Infection (A39)  
Septicemia (A40-A41)  
Congenital Syphilis (A50)  
Gonococcal Infection (A54)  
Acute Poliomyelitis (A80)  
Varicella (Chickenpox) (B01)  
Measles (B05)  
Human Immunodeficiency Virus (HIV) Disease (B20-B24)  
Mumps (B26)  
Candidiasis (B37)  
Malaria (B50-B54)  
Pneumocystosis (B59)  
Malignant Neoplasms (C00-C97)  
In Situ Neoplasms, Benign Neoplasms and Neoplasms of Uncertain or Unknown Behavior (D00-D48)  
Diseases of the Blood and Blood-Forming Organs and Certain Disorders Involving the Immune Mechanism (D50-D89)  
Short Stature, Not Elsewhere Classified (E34.3)  
Nutritional Deficiencies (E40-E64)  
Cystic Fibrosis (E84)  
Volume Depletion, Disorders of Fluid, Electrolyte and Acid-Base Balance (E86-E87)  
Meningitis (G00, G03)  
Infantile Spinal Muscular Atrophy, Type I (Werdnig-Hoffman) (G12.0)  
Infantile Cerebral Palsy (G80)  
Anoxic Brain Damage, Not Elsewhere Classified (G93.1)  
Diseases of the Ear and Mastoid Process (H60-H93)

Diseases of the Circulatory System (I00-I99)  
Acute Upper Respiratory Infections (J00-J06)  
Influenza and Pneumonia (J09-J18)  
Acute Bronchitis and Acute Bronchiolitis (J20-J21)  
Bronchitis, Chronic and Unspecified (J40-J42)  
Asthma (J45-J46)  
Pneumonitis Due to Solids and Liquids (J69)  
Gastritis, Duodenitis and Noninfective Enteritis and Colitis (K29, K50-K55)  
Hernia of Abdominal Cavity and Intestinal Obstruction Without Hernia (K40-K46, K56)  
Renal Failure and Other Disorders of Kidney (N17-N19, N25, N27)  
Newborn Affected by Maternal Hypertensive Disorders (P00.0)  
Newborn Affected by Other Maternal Conditions Which May be Unrelated to Present Pregnancy (P00.1-P00.9)  
Newborn Affected by Maternal Complications of Pregnancy (P01)  
Newborn Affected by Complications of Placenta, Cord and Membranes (P02)  
Newborn Affected by Other Complications of Labor and Delivery (P03)  
Newborn Affected by Noxious Influences Transmitted Via Placenta or Breast Milk (P04)  
Slow Fetal Growth and Fetal Malnutrition (P05)  
Disorders Related to Short Gestation and Low Birth Weight, Not Elsewhere Classified (P07)  
Disorders Related to Long Gestation and High Birth Weight (P08)  
Birth Trauma (P10-P15)  
Intrauterine Hypoxia and Birth Asphyxia (P20-P21)  
Respiratory Distress of Newborn (P22)  
Congenital Pneumonia (P23)  
Neonatal Aspiration Syndromes (P24)  
Interstitial Emphysema and Related Conditions Originating in the Perinatal Period (P25)  
Pulmonary Hemorrhage Originating in the Perinatal Period (P26)  
Chronic Respiratory Disease Originating in the Perinatal Period (P27)  
Atelectasis (P28.0-P28.1)  
Bacterial Sepsis of Newborn (P36)  
Omphalitis of Newborn With or Without Mild Hemorrhage (P38)  
Neonatal Hemorrhage (P50-P52, P54)  
Hemorrhagic Disease of Newborn (P53)  
Hemolytic Disease of Newborn Due to Isoimmunization and Other Perinatal Jaundice (P55-P59)  
Hematological Disorders (P60-P61)  
Syndrome of Infant of a Diabetic Mother and Neonatal Diabetes Mellitus (P70.0-P70.2)  
Necrotizing Enterocolitis of Newborn (P77)  
Hydrops Fetalis Not Due to Hemolytic Disease (P83.2)  
Congenital Malformations, Deformations and Chromosomal Abnormalities (Q00-Q99)  
Sudden Infant Death Syndrome (R95)  
Accidents (excluding medical/surgical complications) (V01-X59)  
Assault (Homicide) (U01-U02, X85-Y09)  
Complications of Medical and Surgical Care (Y40-Y84)  
All Other (All Other Codes)



**International Classification of Disease (ICD-10) codes used for groupings in Table 10:**

Tuberculosis (A16-A19)  
Syphilis (A50-A53)  
Human Immunodeficiency Virus (HIV) Disease (B20-B24)  
Malignant Neoplasms (Cancer) (C00-C97)  
Diabetes Mellitus (E10-E14)  
Alzheimer's Disease (G30)  
Diseases of the Heart (I00-I09, I11, I13, I20-I51)  
Essential Hypertension and Hypertensive Renal Disease (I10, I12, I15)  
Cerebrovascular Diseases (Stroke) (I60-I69)  
Atherosclerosis (I70)  
Other Diseases of Circulatory System (I71-I78)  
Influenza and Pneumonia (J09-J18)  
Chronic Lower Respiratory Diseases (J40-J47)  
Peptic Ulcer (K25-K28)  
Chronic Liver Disease and Cirrhosis (K70, K73-K74)  
Nephritis, Nephrotic Syndrome and Nephrosis (N00-N07, N17-N19, N25-N27)  
Pregnancy, Childbirth and the Puerperium (O00-O99)  
Certain Conditions Originating in the Perinatal Period (P00-P96)  
Congenital Malformations, Deformations and Chromosomal Abnormalities (Q00-Q99)  
Sudden Infant Death Syndrome (R95)  
Symptoms, Signs and Abnormal Clinical and Laboratory Findings,  
    Not Elsewhere Classified (R00-R94, R96-R99)  
Motor Vehicle 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)  
All Accidents (except motor vehicle) (V01, V05-V06, V09.1, V09.3-V09.9, V10-V11,  
    V15-V18, V19.3, V19.8-V19.9, V800-V802, V80.6-V80.9, V81.2-V81.9,  
    V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9, V90-X59, Y40-Y86, Y88)  
Intentional Self-Harm (Suicide) (U03, X60-X84, Y87.0)  
Assault (Homicide) (U01-U02, X85-Y09, Y87.1)  
All Other External Causes (Y10-Y36, Y89, Y87.2)  
All Other Diseases (All Other Disease Codes)

**International Classification of Disease (ICD-10) codes used for groupings in Tables 14, 15, 16 and 23:**

Tuberculosis (A16-A19)  
Syphilis (A50-A53)  
Human Immunodeficiency Virus (HIV) Disease (B20-B24)  
Malignant Neoplasms (Cancer) (C00-C97)  
    Malignant Neoplasm of Stomach (C16)  
    Malignant Neoplasms of Colon, Rectum and Anus (C18-C21)  
    Malignant Neoplasm of Pancreas (C25)  
    Malignant Neoplasms of Trachea, Bronchus and Lung (C33-C34)  
    Malignant Neoplasm of Breast (C50)  
    Malignant Neoplasms of Cervix Uteri, Corpus Uteri and Ovary (C53-C56)  
    Malignant Neoplasm of Prostate (C61)  
    Malignant Neoplasms of Urinary Tract (C64-C68)

Non-Hodgkin's Lymphoma (C82-C85)  
Leukemia (C91-C95)  
Other Malignant Neoplasms (C00-C15, C17, C22-C24, C26-C32, C37-C49,  
C51-C52, C57-C60, C62-C63, C69-C81, C88, C90, C96-C97)  
Diabetes Mellitus (E10-E14)  
Alzheimer's Disease (G30)  
Major Cardiovascular Diseases (I00-I78)  
    Diseases of the Heart (I00-I09, I11, I13, I20-I51)  
        Hypertensive Heart Disease With or Without Renal Disease (I11, I13)  
        Ischemic Heart Diseases (I20-I25)  
        Other Diseases of the Heart (I00-I09, I26-I51)  
    Essential Hypertension and Hypertensive Renal Disease (I10, I12, I15)  
    Cerebrovascular Diseases (Stroke) (I60-I69)  
    Atherosclerosis (I70)  
    Other Diseases of Circulatory System (I71-I78)  
Influenza and Pneumonia (J09-J18)  
Chronic Lower Respiratory Diseases (J40-J47)  
Peptic Ulcer (K25-K28)  
Chronic Liver Disease and Cirrhosis (K70, K73-K74)  
Nephritis, Nephrotic Syndrome and Nephrosis (N00-N07, N17-N19, N25-N27)  
Pregnancy, Childbirth and the Puerperium (O00-O99)  
Certain Conditions Originating in the Perinatal Period (P00-P96)  
Congenital Malformations, Deformations and Chromosomal Abnormalities (Q00-Q99)  
Sudden Infant Death Syndrome (R95)  
Symptoms, Signs and Abnormal Clinical and Laboratory Findings,  
    Not Elsewhere Classified (R00-R94, R96-R99)  
All Other Diseases (All Other Disease Codes)  
Motor Vehicle 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)  
All Accidents (except motor vehicle) (V01, V05-V06, V09.1, V09.3-V09.9, V10-V11,  
V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9,  
V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9, V90-X59, Y40-Y86, Y88)  
Intentional Self-Harm (Suicide) (U03, X60-X84, Y87.0)  
Assault (Homicide) (U01-U02, X85-Y09, Y87.1)  
All Other External Causes (Y10-Y36, Y89, Y87.2)

## Map 2. Wisconsin Department of Health Services Regions, 2013



Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Note: New Department of Health Services regions were established in July 1996 and again in February 2004. Effective with 2003 data, Vernon County was included in the Southern Region instead of the Western Region. Comparisons with regional data in previous publications may therefore be affected.

**Table A1. Wisconsin Population Estimates by Age and Sex, July 1, 2013**

Age Group	Total	Male	Female
<b>All Ages</b>	<b>5,730,850</b>	<b>2,846,220</b>	<b>2,884,630</b>
Under 1	66,566	34,041	32,525
1-4	277,030	141,670	135,365
5-9	365,800	187,120	178,680
10-14	371,020	189,680	181,340
15-19	383,960	196,210	187,750
20-24	398,510	202,640	195,870
25-29	359,830	183,450	176,380
30-34	370,890	188,360	182,530
35-39	334,710	170,010	164,700
40-44	358,210	180,770	177,440
45-49	393,140	197,090	196,050
50-54	439,090	218,550	220,540
55-59	413,040	205,790	207,250
60-64	350,800	174,250	176,550
65-69	266,670	130,080	136,590
70-74	195,030	91,640	103,390
75-79	145,600	65,250	80,350
80-84	115,180	47,840	67,340
85-89	80,430	29,370	51,060
90-94	35,040	10,290	24,750
95 +	10,300	2,120	8,180

Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Note: Numbers may not sum to totals due to rounding.

The infant (under age 1) figures are the number of live births to Wisconsin residents that occurred in 2013.

**Table A2. Wisconsin Population Estimates by Age and Sex, July 1, 2012**

Age Group	Total	Male	Female
<b>All Ages</b>	<b>5,715,220</b>	<b>2,837,520</b>	<b>2,877,700</b>
Under 1	67,229	34,487	32,741
1-4	282,700	144,520	138,180
5-9	366,220	187,370	178,850
10-14	372,470	190,160	182,310
15-19	388,930	199,030	189,900
20-24	390,400	198,820	191,580
25-29	366,900	186,730	180,170
30-34	366,070	186,280	179,790
35-39	330,340	167,410	162,930
40-44	367,500	185,500	182,000
45-49	407,630	204,110	203,520
50-54	441,570	220,040	221,530
55-59	403,980	201,530	202,450
60-64	340,400	169,040	171,360
65-69	254,950	123,680	131,270
70-74	184,340	86,550	97,790
75-79	142,830	63,690	78,140
80-84	116,840	48,260	68,580
85-89	79,170	28,340	50,830
90-94	34,570	9,930	24,640
95 +	10,180	2,040	8,140

Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Note: Numbers may not sum to total due to rounding.  
 The infant (under age 1) figures are the number of live births to Wisconsin residents that occurred in 2012.

**Table A3. Wisconsin Population Estimates by Race, Ethnicity and Sex, July 1, 2013**

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RACE	Total		Hispanic/Latino		Non-Hispanic/Latino	
	Male	Female	Male	Female	Male	Female
White	2,515,421	2,541,836	166,486	151,058	2,348,935	2,390,778
Black/African American	184,440	191,421	8,104	8,139	176,336	183,282
American Indian	31,835	31,377	6,813	6,276	25,022	25,101
Asian	70,679	74,619	1,368	1,310	69,311	73,309
Native Hawaiian/Other Pacific Islander	1,418	1,300	525	480	893	820
Two or More Races	48,367	50,000	6,708	6,658	41,659	43,342
Total	2,852,160	2,890,553	190,004	173,921	2,662,156	2,716,632

Source: United States Census Bureau.

Note: Totals differ from those produced by the Office of Health Informatics shown in Table A1 because different methods were used to produce the estimates.

**Table A4. Wisconsin Life Expectancy by Sex and Age Group, 2011-2013**

Age Group	Life Expectancy (Years)		
	Males	Females	Total Population
0	77.9	82.3	80.1
1-4	77.4	81.8	79.6
5-9	73.4	77.9	75.7
10-14	68.5	72.9	70.7
15-19	63.5	67.9	65.8
20-24	58.7	63.0	60.9
25-29	54.0	58.2	56.1
30-34	49.4	53.3	51.4
35-39	44.7	48.5	46.6
40-44	40.0	43.7	41.9
45-49	35.4	38.9	37.2
50-54	30.9	34.3	32.7
55-59	26.6	29.8	28.3
60-64	22.5	25.5	24.1
65-69	18.6	21.3	20.1
70-74	15.0	17.3	16.3
75-79	11.7	13.7	12.8
80-84	8.7	10.4	9.7
85-89	6.2	7.5	7.0
90-94	4.1	5.1	4.8
95 +	3.0	3.5	3.4

Source: Office of Health Informatics, Division of Public Health, Department of Health Services.

Note: This table shows current life expectancy at various ages for Wisconsin’s total population and for males and females. These life expectancy estimates are based on age-specific death rates that occurred during the three-year period 2011-2013.

For example, the life expectancy at birth in 2011-2013 was 80.1 years. This is the average number of years that babies born in these years would live if throughout their lives they experienced the age-specific death rates experienced in 2011-2013. For boys, life expectancy at birth was 77.9 years. For girls, life expectancy at birth was 82.3 years.

**Table A5. Wisconsin Population Estimates by County, July 1, 2013**

Total	5,730,937		
Adams	20,725	Marathon	134,961
Ashland	16,063	Marinette	41,648
Barron	45,833	Marquette	15,317
Bayfield	15,100	Menominee	4,256
Brown	253,078	Milwaukee	952,054
Buffalo	13,528	Monroe	45,279
Burnett	15,426	Oconto	37,744
Calumet	49,580	Oneida	35,940
Chippewa	63,030	Outagamie	179,830
Clark	34,677	Ozaukee	86,959
Columbia	56,753	Pepin	7,416
Crawford	16,562	Pierce	41,009
Dane	503,072	Polk	43,979
Dodge	88,807	Portage	70,729
Door	27,946	Price	14,024
Douglas	44,121	Racine	195,224
Dunn	43,974	Richland	17,911
Eau Claire	100,548	Rock	160,331
Florence	4,446	Rusk	14,657
Fond du Lac	102,070	St. Croix	85,645
Forest	9,194	Sauk	62,434
Grant	51,801	Sawyer	16,619
Green	36,900	Shawano	41,793
Green Lake	19,057	Sheboygan	115,226
Iowa	23,764	Taylor	20,695
Iron	5,879	Trempealeau	29,280
Jackson	20,608	Vernon	30,079
Jefferson	84,141	Vilas	21,453
Juneau	26,800	Walworth	102,782
Kenosha	167,314	Washburn	15,853
Kewaunee	20,584	Washington	132,804
La Crosse	116,466	Waukesha	392,694
Lafayette	16,855	Waupaca	52,361
Langlade	19,751	Waushara	24,441
Lincoln	28,875	Winnebago	168,539
Manitowoc	81,102	Wood	74,499

Source: Office of Health Informatics, Division of Public Health, Department of Health Services.



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Office of Health Informatics  
Division of Public Health  
Wisconsin Department of Health Services