

Mortality



Mortality

Ten Leading Causes of Death



- Ohio had an age-adjusted mortality rate for all causes 7.5 percent higher than the United States age-adjusted mortality rate.
- Age-adjusted mortality rates were higher in Ohio than the United States for diabetes (25.7 percent), followed by kidney disease (15.7 percent), chronic lower respiratory diseases (13.5 percent), diseases of the heart (11.1 percent), cancer (7.1 percent), blood poisoning (7 percent), Alzheimer's disease (6.3 percent) and stroke (0.9 percent).
- Age-adjusted mortality rates were lower in Ohio than the United States for accidents/unintentional injuries (7.6 percent) and influenza/pneumonia deaths (6.8 percent).

Table 4-1.
Age-Adjusted Death Rates for 10 Leading Causes of Death,
Ohio and United States, 2001

Cause of Death	Age-adjusted Mortality Rate Per 100,000 Population		
	Ohio	United States	Percent Difference
Diseases of the Heart	275.3	247.8	11.1
Malignant Neoplasms (Cancer)	209.9	196.0	7.1
Cerebrovascular Disease (Stroke)	58.4	57.9	0.9
Chronic Lower Respiratory Diseases	49.6	43.7	13.5
Accidents (Unintentional Injuries)	33.0	35.7	-7.6
Diabetes	31.8	25.3	25.7
Influenza/Pneumonia	20.5	22.0	-6.8
Alzheimer's Disease	20.3	19.1	6.3
Nephritis, Nephrotic Syndrome & Nephrosis (Kidney Disease)	16.2	14.0	15.7
Septicemia (Blood Poisoning)	12.2	11.4	7.0
All Other Causes	191.5	---	---
All Causes	918.8	854.5	7.5

Sources: Ohio Department of Health, 2001 Death Certificates, National Center for Health Statistics, U.S. Census Populations With Bridged Race Categories 2000, National Center for Health Statistics, Deaths: Final Data for 2001, National Vital Statistics Reports.

Ten Leading Causes of Death

- Heart disease and cancer accounted for 53 percent of total deaths for white Ohioans and 51 percent of total deaths for black Ohioans.
- Homicide was one of the 10 leading causes of death for all racial/ethnic groups except whites.
- Perinatal conditions were one of the 10 leading causes of death for black, American Indian and Hispanic Ohioans.
- Cancer was the leading cause of death for both Hispanic and Asian/Pacific Islanders in Ohio, followed by heart disease.
- Hispanic Ohioans had the largest percentage of deaths (10 percent of total deaths) due to accidents/unintentional injuries compared to other racial groups.
- Heart disease and cancer were the leading causes of death for American Indian/Alaska Natives, accounting for 47 percent of all deaths.



Table 4-2.
Ten Leading Causes of Death by Race and Ethnicity, Ohio, 2001

Cause of Death	All Races (Rank)	White (Rank)	Black (Rank)	American Indian/Alaska Native (Rank)*	Asian/Pacific Islander (Rank)*	Hispanic (Rank)**
Diseases of the Heart	32,265 (1)	28,972 (1)	3,224 (1)	9 (1)	60 (2)	117 (2)
Malignant Neoplasms (Cancer)	24,741 (2)	21,994 (2)	2,657 (2)	9 (2)	81 (1)	118 (1)
Cerebrovascular Disease (Stroke)	6,846 (3)	6,110 (3)	711 (3)	---	25 (3)	32 (4)
Chronic Lower Respiratory Diseases	5,855 (4)	5,478 (4)	373 (6)	---	---	14 (7)
Accidents (Unintentional Injuries)	3,784 (5)	3,350 (5)	411 (5)	2 (4)	21 (4)	56 (3)
Diabetes	3,746 (6)	3,175 (6)	554 (4)	1 (8)	16 (5)	25 (5)
Influenza/Pneumonia	2,397 (7)	2,212 (8)	---	3 (3)	6 (8)	---
Alzheimer's Disease	2,368 (8)	2,222 (7)	---	---	---	---
Nephritis, Nephrotic Syndrome & Nephrosis	1,901 (9)	1,622 (9)	271 (7)	2 (5)	6 (9)	---
Septicemia (Blood Poisoning)	1,434 (10)	1,205 (10)	227 (9)	1 (9)	---	---
Homicide	---	---	264 (8)	1 (10***)	5 (10)	11 (10)
Chronic Liver Disease & Cirrhosis	---	---	---	---	---	16 (6)
Complications of Medical & Surgical Care	---	---	---	---	---	---
Perinatal Conditions	---	---	213 (10)	2 (6)	---	14 (8)
Suicide	---	---	---	2 (7)	7 (6)	11 (9)
In Situ/Benign Neoplasms	---	---	---	---	7 (7)	---
All Other Causes	22,223	19,336	2,651	6	56	124
All Causes	107,560	95,676	11,556	38	290	538

* When number of death occurrences within a race were equal, rankings for leading cause of death were determined by assigning a higher ranking number to the death cause that was higher for 10 leading causes of death for all races.

** Hispanics may be of any race.

*** There was also one death each due to Chronic Liver Disease and Cirrhosis, Congenital Malformations and Hypertension.

Source: Ohio Department of Health, 2001 Death Certificates.

Ten Leading Causes of Death



- Age-adjusted 2001 mortality rates for black Ohioans were higher than whites, Asian/Pacific Islanders and Hispanics in nearly every category for the 10 leading causes of death in Ohio.
- Asian/Pacific Islanders had significantly lower age-adjusted mortality rates than whites for heart disease, cancer, stroke and accidents.
- Hispanics had significantly lower age-adjusted mortality rates than whites for heart disease, cancer and stroke.

Table 4-3.
Age-Adjusted Death Rates* for 10 Leading Causes of Death
by Race and Ethnicity, Ohio, 2001

Cause of Death	All Races (Rank)	White (Rank)	Black (Rank)	American Indian/Alaska Native (Rank)	Asian/Pacific Islander (Rank)	Hispanic* (Rank)
Diseases of the Heart	275.3 (1)	270.4 (1)	330.2 (1)	***	113.9 (2)	145.6 (2)
Malignant Neoplasms (Cancer)	209.9 (2)	205.8 (2)	264.5 (2)	***	124.3 (1)	128.5 (1)
Cerebrovascular Disease (Stroke)	58.4 (3)	56.9 (3)	75.1 (3)	---	33.7 (3)	42.4 (4)
Chronic Lower Respiratory Diseases	49.6 (4)	50.7 (4)	38.0 (6)	---	---	***
Accidents (Unintentional Injuries)	33.0 (5)	33.1 (5)	33.7 (5)	***	19.4 (4)	34.7 (3)
Diabetes	31.8 (6)	29.6 (6)	55.4 (4)	***	***	28.9 (5)
Influenza/Pneumonia	20.5 (7)	20.7 (8)	---	***	***	---
Alzheimer's Disease	20.3 (8)	20.6 (7)	---	---	---	---
Nephritis, Nephrotic Syndrome & Nephrosis	16.2 (9)	15.1 (9)	27.6 (7)	***	***	---
Septicemia (Blood Poisoning)	12.2 (10)	11.3 (10)	23.0 (8)	***	---	---
Homicide	---	---	19.0 (9)	***	***	***
Chronic Liver Disease & Cirrhosis	---	---	---	---	---	***
Complications of Medical & Surgical Care	---	---	---	---	---	---
Perinatal Conditions	---	---	12.1 (10)	***	---	***
Suicide	---	---	---	***	***	***
In Situ/Benign Neoplasms	---	---	---	---	***	---
All Other Causes	191.5	184.0	260.2	***	93.6	132.7
All Causes	918.8	898.3	1138.8	176.6	463.3	561.8

Highlighted rates are significant when compared to the white rate (p<.05)

* Age-adjusted rates are the number of deaths per 100,000 population in specified race and ethnic group.

** Hispanics may be of any race.

*** Rates based on fewer than 20 cases are not presented (figures considered unreliable due to small numbers).

Sources: Ohio Department of Health, 2001 Death Certificates, National Center for Health Statistics, U.S. Census Populations With Bridged Race Categories 2000.

Ten Leading Causes of Death

- Diseases of the heart and cancer accounted for more than 50 percent of total deaths for both white and black Ohioans.
- Nearly 5 percent of black Ohio deaths were due to diabetes, compared to just over 3 percent for white Ohioans.
- More than 4 percent of deaths for black Ohioans were due to homicide or perinatal conditions.



Table 4-4.
Deaths and Percent of Total Deaths for the 10 Leading Causes of Death, Ohio, 2001

Cause of Death	Ohio		Whites		Blacks	
	Number of Deaths	Percent of Total Deaths	Number of Deaths	Percent of Total Deaths	Number of Deaths	Percent of Total Deaths
Diseases of the Heart	32,265	30.0	28,972	30.3	3,224	27.9
Malignant Neoplasms (Cancer)	24,741	23.0	21,994	23.0	2,657	23.0
Cerebrovascular Disease (Stroke)	6,846	6.4	6,110	6.4	711	6.2
Chronic Lower Respiratory Diseases	5,855	5.4	5,478	5.7	373	3.2
Accidents (Unintentional Injuries)	3,784	3.5	3,350	3.5	411	3.6
Diabetes	3,746	3.5	3,175	3.3	554	4.8
Influenza/Pneumonia	2,397	2.2	2,212	2.3	*	*
Alzheimer's Disease	2,368	2.2	2,222	2.3	*	*
Nephritis, Nephrotic Syndrome & Nephrosis	1,901	1.8	1,622	1.7	271	2.3
Septicemia (Blood Poisoning)	1,434	1.3	1,205	1.3	227	2.0
Homicide	*	*	*	*	264	2.3
Perinatal Conditions	*	*	*	*	213	1.8
All Other Causes	22,223	20.7	19,336	20.2	2,651	22.9
All Causes	107,560	100.0	95,676	100.0	11,556	100.0

*Not among 10 leading causes of death for designated category.

Source: Ohio Department of Health, 2001 Death Certificates.