



1990-2013 Top Ten Causes of Death and Top Five Causes of Cancer Mortality  
Age-Adjusted Rates per 100,000 Population (2000 US Std Population)

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# Great Plains Area



Top Ten Causes of Death			
	AI/AN Count	AI/AN Rate (95% CI)	Rate Ratio
<b>All Causes of Death</b>	20,705	1,386.2 (1,364.2, 1,408.3)	1.82*
1. Diseases of Heart	3,771	313.1 (302.1, 324.4)	1.46*
2. All Malignant Cancers	3,150	249.0 (239.6, 258.7)	1.38*
3. Other Cause of Death	2,468	174.8 (167.0, 182.9)	1.93*
4. Accidents and Adverse Effects	2,832	111.2 (106.4, 116.0)	3.07*
5. Diabetes Mellitus	1,327	103.6 (97.6, 109.9)	5.38*
6. Chronic Liver Disease and Cirrhosis	1,413	71.7 (67.8, 75.8)	11.33*
7. Chronic Obstructive Pulmonary Disease	704	66.9 (61.6, 72.4)	1.57*
8. Cerebrovascular Disease	710	65.2 (60.1, 70.7)	1.29*
9. Pneumonia and Influenza	522	43.8 (39.6, 48.2)	1.87*
10. Symptoms, Signs, and Ill-Defined Conditions	652	28.9 (26.0, 32.0)	2.61*
12. Suicide and Self-Inflicted Injury	761	23.8 (22.0, 25.7)	2.01*

Top Ten Causes of Death		
	White Count	White Rate (95% CI)
<b>All Causes of Death</b>	1,293,067	761.2 (759.8, 762.5)
1. Diseases of Heart	374,357	213.9 (213.2, 214.6)
2. All Malignant Cancers	294,686	181.0 (180.3, 181.7)
3. Other Cause of Death	157,950	90.6 (90.1, 91.0)
4. Cerebrovascular Disease	90,603	50.5 (50.2, 50.8)
5. Chronic Obstructive Pulmonary Disease	72,264	42.6 (42.3, 42.9)
6. Accidents and Adverse Effects	54,880	36.2 (35.9, 36.5)
7. Pneumonia and Influenza	42,821	23.4 (23.2, 23.6)
8. Alzheimers	38,103	20.2 (20.0, 20.4)
9. Diabetes Mellitus	32,464	19.3 (19.1, 19.5)
10. Suicide and Self-Inflicted Injury	16,367	11.9 (11.7, 12.0)
14. Chronic Liver Disease and Cirrhosis	9,505	6.3 (6.2, 6.5)

Top Five Causes of Cancer Mortality			
	AI/AN Count	AI/AN Rate (95% CI)	Rate Ratio
<b>All Malignant Cancers</b>	3,150	249.0 (239.6, 258.7)	1.38*
1. Respiratory System	1,009	82.3 (76.9, 88.0)	1.65*
a. Lung and Bronchus	973	79.6 (74.3, 85.1)	1.64*
2. Digestive System	839	65.3 (60.6, 70.3)	1.50*
a. Colon and Rectum	330	26.0 (23.0, 29.2)	1.30*
b. Liver and Intrahepatic Bile Duct	137	10.2 (8.4, 12.2)	2.93*
3. Miscellaneous Malignant Cancer	265	23.4 (20.4, 26.6)	2.10*
4. Breast	191	13.6 (11.6, 16.0)	0.99
5. Female Genital System	182	12.7 (10.7, 14.9)	1.39*
i. Cervix Uteri	77	4.5 (3.5, 5.8)	4.01*

Top Five Causes of Cancer Mortality		
	White Count	White Rate (95% CI)
<b>All Malignant Cancers</b>	294,686	181.0 (180.3, 181.7)
1. Respiratory System	80,139	49.9 (49.6, 50.3)
a. Lung and Bronchus	77,712	48.4 (48.1, 48.8)
2. Digestive System	71,567	43.5 (43.2, 43.8)
a. Colon and Rectum	33,340	20.0 (19.8, 20.2)
b. Pancreas	16,408	10.0 (9.9, 10.2)
3. Breast	22,020	13.7 (13.5, 13.9)
4. Miscellaneous Malignant Cancer	18,436	11.1 (11.0, 11.3)
5. Male Genital System	14,698	9.1 (9.0, 9.3)
a. Prostate	18,548	10.7 (10.6, 10.9)

Data is aggregated from all Iowa, Nebraska, North Dakota, and South Dakota Counties. For some counties, data may not be available due to restrictions.

Rate per 100,000 AI population; Rate Ratio is of American Indians/Alaska Natives to Whites.

\*Indicates that Rate Ratio is statistically significant (p < 0.05).

^ Statistic not displayed due to fewer than 10 cases.

~ Statistic could not be calculated.

Surveillance, Epidemiology, and End Results (SEER) Program ([www.seer.cancer.gov](http://www.seer.cancer.gov)) SEER\*Stat Database: Incidence - SEER 9 Regs Research Data, Nov 2014 Sub (1973-2013) <Katrina/Rita Population Adjustment>

Linked To County Attributes - Total U.S., 1969-2014 Counties, National Cancer Institute, DCCPS, Surveillance Research Program,

Surveillance Systems Branch, released April 2016. Underlying mortality data provided by NCHS ([www.cdc.gov/nchs](http://www.cdc.gov/nchs)).