



COMPARATIVE CAUSE-SPECIFIC MORTALITY

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Five Leading Causes of Death* by Gender among American Indian Residents of Arizona in 2007

Rank	Female	Both	Male
1	Cancer 100.1	Diseases of heart 115.2	Unintentional injury 143.9
2	Diseases of heart 94.7	Cancer 113.9	Diseases of heart 140.5
3	Unintentional injury 50.3	Unintentional injury 95.0	Cancer 135.0
4	Diabetes 42.1	Diabetes 51.1	Diabetes 61.1
5	Influenza and pneumonia 31.7	Chronic liver disease and cirrhosis 36.8	Chronic liver disease and cirrhosis 46.9

* Based on age-adjusted mortality rates: Number of deaths per 100,000 population age-adjusted to the 2000 U.S. standard. See Table 2B-4 in the "Arizona Health Status and Vital Statistics 2007" report.

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**Five Leading Causes of Death among American Indians by Gender and Residence
On or Off Reservation, Arizona, 2007**

Rank	Female, resided on reservation	Female, resided off reservation	Male, resided on reservation	Male, resided off reservation
1	Cancer 15.5%	Cancer 16.4%	Unintentional injury 22.9%	Unintentional injury 18.6%
2	Diseases of heart 13.5%	Diseases of heart 16.4%	Diseases of heart 11.5%	Diseases of heart 14.9%
3	Unintentional injury 9.6%	Unintentional injury 12.7%	Cancer 10.9%	Cancer 13.0%
4	Diabetes 7.0%	Diabetes 4.7%	Chronic liver disease and cirrhosis 6.3%	Diabetes 6.7%
5	Chronic liver disease and cirrhosis 6.8	Chronic liver disease and cirrhosis 3.3%	Diabetes 5.9%	Chronic liver disease and cirrhosis 5.2%

* Percent of total deaths in specified group.

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Proportional Mortality* by Type of Cancer and Gender among American Indians and all Residents of Arizona, 2000-2007

Rank	Arizona male**	American Indian male	Arizona female**	American Indian female
1	Trachea, bronchus, lung 28.8%	Prostate 12.3%	Trachea, bronchus, lung 25.8%	Breast 13.6%
2	Prostate 10.8%	Lymphoma 11.3%	Breast 15.6%	Lymphoma 11.7%
3	Lymphoma*** 10.7%	Trachea, bronchus, lung 9.9%	Colon, rectum, anus 9.7%	Ovary 7.9%
4	Colon, rectum, anus 9.7%	Liver 9.5%	Lymphoma 9.5%	Trachea, bronchus, lung 7.1%
5	Pancreas 5.6	Kidney 8.9%	Ovary 6.0%	Liver 6.7%
6	Esophagus 3.7%	Colon, rectum, anus 8.3%	Pancreas 5.7%	Stomach 6.5%
7	Liver 3.5%	Stomach 7.8%	Brain 2.4%	Pancreas 5.5%
8	Bladder 3.3%	Pancreas 6.9%	Liver 2.2%	Colon, rectum, anus 4.9%
9	Kidney 2.8%	Esophagus 3.9%	Uterus 2.0%	Cervix uteri 4.8%
10	Brain 2.5%	Lip 2.1%	Kidney 1.9%	Kidney 4.5%

*Percent of cancer deaths in specified group.

**All race/ethnic groups combined.

***Malignant neoplasm of lymphoid, hematopoietic and related tissue.

Note: Percentages based on frequency counts in table 5-17.

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Proportional Mortality* by Mechanism of Unintentional Injury and Gender among American Indians and all Residents of Arizona, 1997-2007

Rank	Arizona male**	American Indian male	Arizona female**	American Indian female
1	Motor vehicle-related 19.6%	Motor vehicle-related 58.9%	Motor vehicle-related 37.3%	Motor vehicle-related 66.9%
2	Poisoning by drugs 18.8%	Poisoning by drugs 7.2%	Falls 29.5%	Falls 8.6%
3	Falls 14.7%	Falls 5.8%	Poisoning by drugs 14.4%	Poisoning by drugs 6.8%
4	Drowning 3.1%	Excessive cold 5.1%	Choked on objects other than food 2.3%	Excessive cold 2.0%
5	Excessive heat 1.7%	Drowning 2.8%	Misadventure during medical care 2.3%	Fire, flames, smoke 1.7%
6	Fire, flames, smoke 1.6%	Poisoning by gases/vapors 2.5%	Drowning 2.1%	Poisoning by gases/vapors 1.5%
7	Choked on object other than food 1.4%	Fire, flames, smoke 1.9%	Fire, flames, smoke 1.9%	Choked on objects other than food 1.3%
8	Mechanical suffocation 1.3%	Mechanical suffocation 1.7%	Choked on food 1.4%	Choked on food 1.2%
9	Accidental discharge of firearms 1.2%	Railway accident 1.5%	Excessive heat 1.1%	Misadventure during medical care 1.0%
10	Poisoning by gases/vapors 1.2%	Choked on objects other than food 1.4%	Poisoning by gases/vapors 0.8%	Mechanical suffocation 1.0%

*Percent of unintentional injury deaths in specified group.

**All race/ethnic groups combined.

Note: Percentages based on frequency counts in table 5-18.

5.17

**COMPARISON OF MORTALITY BY SPECIFIC TYPE OF CANCER BY GENDER AMONG AMERICAN INDIANS AND
ALL RESIDENTS* OF ARIZONA, 2000-2007**

	ALL RESIDENTS OF ARIZONA			AMERICAN INDIANS OR ALASKA NATIVES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Malignant neoplasms, total	75,409	40,342	35,067	1,413	664	749
Malignant neoplasm of lip, oral cavity and pharynx	975	674	301	19	14	5
Malignant neoplasm of esophagus	1,847	1,476	371	28	26	2
Malignant neoplasm of stomach	1,502	905	597	101	52	49
Malignant neoplasm of colon, rectum and anus	7,309	3,908	3,401	92	55	37
Malignant neoplasm of liver and intrahepatic bile ducts	2,189	1,421	768	113	63	50
Malignant neoplasm of pancreas	4,276	2,260	2,016	87	46	41
Malignant neoplasm of larynx	442	351	91	3	2	1
Malignant neoplasm of trachea, bronchus and lung	20,671	11,631	9,040	119	66	53
Malignant melanoma of skin	1,265	883	382	9	6	3
Malignant neoplasm of breast	5,537	56	5,481	102	0	102
Malignant neoplasm of cervix uteri	525	0	525	36	0	36
Malignant neoplasm of corpus uteri and uterus, part unspecified	709	0	709	20	0	20
Malignant neoplasm of ovary	2,113	1	2,112	59	0	59
Malignant neoplasm of prostate	4,358	4,355	3	82	82	0
Malignant neoplasm of kidney and renal pelvis	1,788	1,139	649	93	59	34
Malignant neoplasm of bladder	1,865	1,349	516	16	8	8
Malignant neoplasm of meninges, brain and other parts of central nervous system	1,853	1,025	828	25	12	13
Malignant neoplasm of lymphoid, hematopoietic and related tissue	7,632	4,308	3,324	163	75	88
Hodgkin's disease	165	103	62	1	1	0
Non-Hodgkin's lymphoma	3,031	1,653	1,378	55	25	30
Leukemia	2,942	1,709	1,233	58	26	32
Multiple myeloma and immunoproliferative neoplasms	1,488	839	649	49	23	26
Other and unspecified malignant neoplasms of lymphoid tissue	6	4	2	0	0	0
All other and unspecified malignant neoplasms	8,553	4,600	3,953	246	98	148

* All race/ethnic groups combined.

5.18

**UNINTENTIONAL INJURY DEATHS BY MECHANISM AND GENDER AMONG AMERICAN INDIANS AND
ALL RESIDENTS* OF ARIZONA, 1997-2007**

	ALL RESIDENTS OF ARIZONA			AMERICAN INDIANS OR ALASKA NATIVES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Unintentional injury, total	27,694	18,203	9,491	2,956	2,094	862
Railway accidents	123	109	14	39	32	7
Motor vehicle -related	11,217	7,673	3,544	1,811	1,234	577
Water transport accident	50	37	13	0	0	0
Accident involving aircraft	210	182	28	2	2	0
Poisoning by drugs/medicaments	4,942	3,571	1,371	209	150	59
Poisoning by gases and vapors	284	212	72	65	52	13
Falls	5,484	2,683	2,801	195	121	74
Fire, flames, smoke	462	284	178	54	39	15
Excessive natural heat	423	315	108	33	25	8
Excessive natural cold	203	170	33	123	106	17
Contact with venomous snakes and lizards	3	3	0	0	0	0
Contact with venomous spiders	4	1	3	0	0	0
Contact with scorpions	3	1	2	0	0	0
Contact with hornets, wasps, bees	1	1	0	1	1	0
Bitten or struck by dog	11	5	6	1	0	1
Lightning	18	14	4	4	3	1
Storms and floods	12	11	1	4	4	0
Accidental drowning and submersion	765	562	203	69	58	11
Choked on food	327	197	130	30	20	10
Choked on other objects	480	262	218	40	29	11
Mechanical suffocation	313	241	72	45	36	9
Accidental discharge of firearms	254	213	41	24	22	2
Exposure to electric current	81	79	2	5	4	1
Overexertion	2	2	0	1	1	0
Adverse effects of drugs in therapetic use	55	26	29	0	0	0
Misadventures to patients during medical/surgical care	412	195	217	18	9	9

* All race/ethnic groups combined.