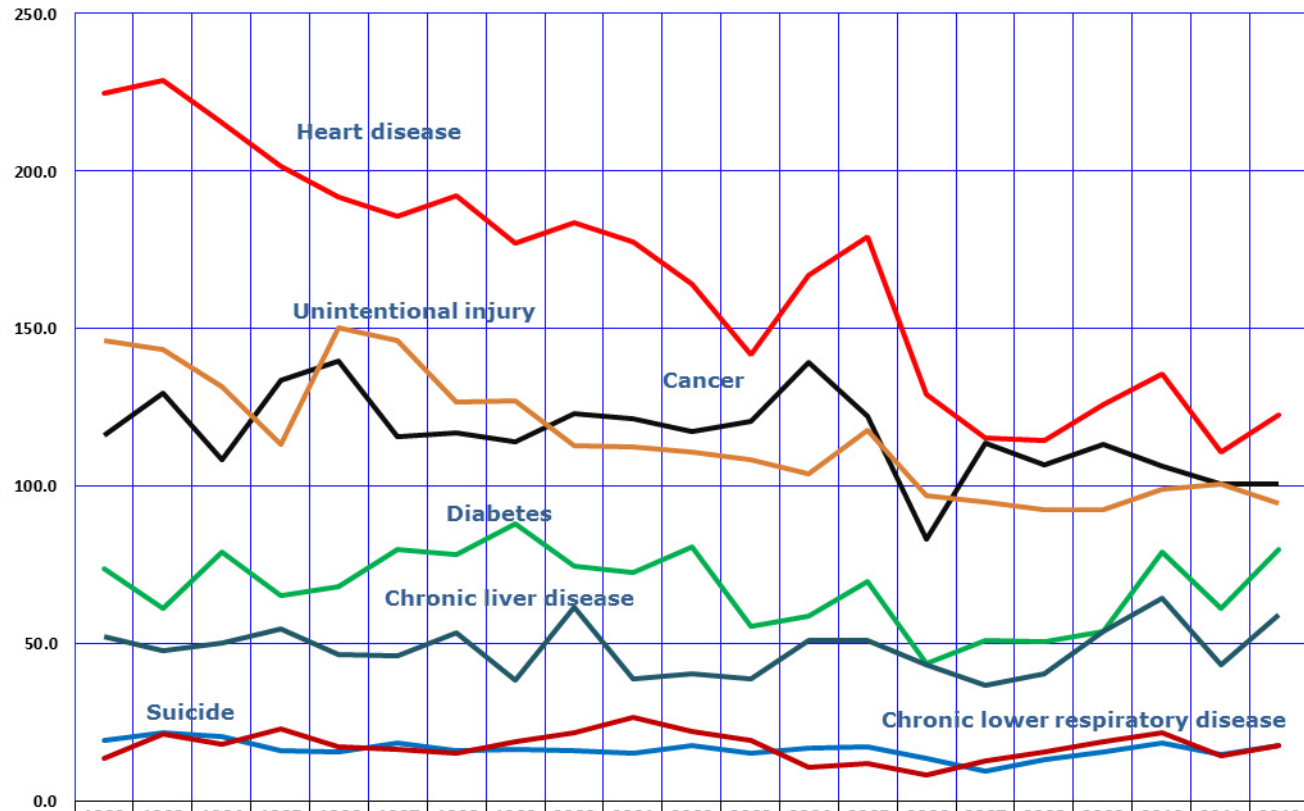


COMPARATIVE CAUSE-SPECIFIC MORTALITY

5.13
Temporal Changes^a in the Selected Leading Causes of Death among American Indian Residents of Arizona, 1992-2012



	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Heart disease	224.7	228.7	215.5	201.5	191.9	185.9	192.4	177.0	183.8	177.7	164.0	141.9	166.9	179.1	129.4	115.2	114.6	125.8	135.9	111.1	122.7
Cancer	116.1	129.8	108.5	133.5	139.8	116.0	117.0	114.1	123.0	121.7	117.6	120.7	139.3	122.2	83.1	113.9	106.7	113.3	106.4	100.8	100.8
Unintentional injury	146.3	143.4	131.5	113.2	150.5	146.4	126.8	127.0	113.1	112.7	111.0	108.6	103.9	117.8	97.2	95.0	92.6	92.6	99.2	100.6	94.8
Diabetes	74.1	61.4	79.3	65.2	68.3	80.2	78.4	88.3	74.6	72.8	80.8	55.8	59.0	69.9	43.9	51.1	50.8	54.2	79.3	61.3	80.2
Chronic liver disease	52.5	48.0	50.3	54.9	46.7	46.3	53.5	38.5	61.7	39.1	40.5	38.8	51.0	51.2	43.6	36.8	40.7	54.0	64.6	43.6	59.2
Suicide	19.6	21.7	20.8	16.3	15.9	18.7	16.1	16.6	16.2	15.4	17.9	15.2	17.0	17.5	13.7	9.8	13.5	15.9	18.7	14.9	17.9
Chronic lower respiratory disease	13.6	21.4	18.4	22.9	17.3	16.7	15.2	19.2	21.9	26.8	22.3	19.4	10.8	12.0	8.4	13.0	15.8	19.2	21.7	14.4	18.0

Notes: ^a Based on age-adjusted mortality rates: Number of deaths per 100,000 population age-adjusted to the 2000 U.S. standard.

5.14
**Five Leading Causes of Death^a by Gender among American Indian
Residents of Arizona in 2012**

Rank	Female	Both	Male
1	Diseases of heart 93.9	Diseases of heart 122.7	Diseases of heart 160.6
2	Cancer 90.4	Cancer 100.8	Unintentional injury 136.9
3	Diabetes 69.7	Unintentional injury 94.8	Cancer 114.5
4	Unintentional injury 56.5	Diabetes 80.2	Diabetes 94.1
5	Chronic liver disease and cirrhosis 55.5	Chronic liver disease and cirrhosis 59.2	Chronic liver disease and cirrhosis 63.3

Notes: ^a 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 2012" report.

5.15
Five Leading Causes of Death^a among American Indians by Gender and Residence
On or Off Reservation, Arizona, 2012

Rank	Female, resided on reservation	Female, resided off reservation	Male, resided on reservation	Male, resided off reservation
1	Cancer 12.6	Cancer 13.0	Unintentional injury 19.9	Unintentional injury 14.7
2	Diseases of heart 11.8	Diseases of heart 12.2	Diseases of heart 12.3	Diseases of heart 13.3
3	Unintentional injury 10.5	Chronic liver disease and cirrhosis 10.7	Cancer 8.9	Cancer 13.3
4	Diabetes 9.9	Diabetes 9.9	Diabetes 8.1	Chronic liver disease and cirrhosis 10.8
5	Chronic liver disease and cirrhosis 7.7	Unintentional injury 8.7	Chronic liver disease and cirrhosis 5.7	Diabetes 8.9

Note: ^a Percent of total deaths in specified group.

5.16
Proportional Mortality^a by Type of Cancer and Gender among American Indians and all Residents of Arizona, 2002-2012

Rank	Arizona male^b	American Indian male	Arizona female^b	American Indian female
1	Trachea, bronchus, lung 27.6	Lymphoma 11.0	Trachea, bronchus, lung 25.6	Breast 12.5
2	Lymphoma 10.7	Prostate 10.9	Breast 15.3	Lymphoma 11.2
3	Prostate 10.3	Liver 10.1	Lymphoma 9.4	Ovary 8.0
4	Colon, rectum, anus 9.3	Trachea, bronchus, lung 9.1	Colon, rectum, anus 9.3	Trachea, bronchus, lung 8.0
5	Pancreas 6.1	Colon, rectum, anus 9.0	Pancreas 6.3	Colon, rectum, anus 7.0
6	Leukemia 4.4	Stomach 8.8	Ovary 6.0	Liver 6.6
7	Liver 4.2	Kidney 8.3	Non-Hodgkin's lymphoma 3.8	Pancreas 5.8
8	Non-Hodgkin's lymphoma 4.0	Pancreas 7.1	Leukemia 3.6	Stomach 5.5
9	Esophagus 3.9	Leukemia 3.7	Brain 2.5	Cervix uteri 4.3
10	Bladder 3.6	Non-Hodgkin's lymphoma 3.6	Liver 2.5	Non-Hodgkin's lymphoma 3.9

Notes: ^a Percent of cancer deaths in specified group in 2002-2012.
^b All race/ethnic groups combined.
See Table 5-18 for percentages based on frequency counts.

5.17
Proportional Mortality^a by Mechanism of Unintentional Injury and Gender among
American Indians and all Residents of Arizona, 2002-2012

Rank	Arizona male^b	American Indian male	Arizona female^b	American Indian female
1	Motor vehicle-related 36.7	Motor vehicle-related 52.7	Falls 33.8	Motor vehicle-related 59.6
2	Poisoning by drugs 23.4	Poisoning by drugs 9.0	Motor vehicle-related 27.7	Falls 12.4
3	Falls 17.4	Poisoning by gases 7.5	Poisoning by drugs 21.5	Poisoning by drugs 9.8
4	Accidental discharge of firearms 4.3	Falls 7.0	Choked on objects other than food 2.3	Poisoning by gases 4.2
5	Accidental drowning 3.6	Exposure to cold 5.3	Accidental drowning 2.0	Exposure to cold 1.8
6	Poisoning by gases 2.3	Accidental drowning 3.2	Misadventures to patients 2.0	Misadventures to patients 1.8
7	Exposure to heat 1.9	Accidental discharge of firearms 2.2	Accidental discharge of firearms 1.4	Choked on objects other than food 1.6
8	Choked on objects other than food 1.6	Mechanical suffocation 1.8	Choked on food 1.4	Accidental drowning 1.4
9	Fire, flames, smoke 1.4	Railway accidents 1.6	Fire, flames, smoke 1.4	Fire, flames, smoke 0.9
10	Mechanical suffocation 1.1	Exposure to heat 1.5	Exposure to heat 1.2	Exposure to heat 0.9

Notes: ^a Percent of unintentional injury deaths in specified group in 2002-2012.
^b All race/ethnic groups combined.
See Table 5-19 for percentages based on frequency counts.

5.18
COMPARISON OF MORTALITY BY SPECIFIC TYPE OF CANCER BY GENDER AMONG AMERICAN INDIANS AND
ALL RESIDENTS^a OF ARIZONA, 2002-2012

	ALL RESIDENTS OF ARIZONA			AMERICAN INDIANS OR ALASKA NATIVES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Malignant neoplasms, total	109,715	59,109	50,603	2,149	1,033	1,115
Malignant neoplasm of lip, oral cavity and pharynx	1,441	1,032	409	27	18	9
Malignant neoplasm of esophagus	2,877	2,327	550	50	36	14
Malignant neoplasm of stomach	2,134	1,277	857	152	91	61
Malignant neoplasm of colon, rectum and anus	10,182	5,470	4,711	171	93	78
Malignant neoplasm of liver and intrahepatic bile ducts	3,779	2,497	1,282	178	104	74
Malignant neoplasm of pancreas	6,789	3,587	3,202	138	73	65
Malignant neoplasm of larynx	620	495	125	10†	*	*
Malignant neoplasm of trachea, bronchus and lung	29,267	16,330	12,937	183	94	89
Malignant melanoma of skin	1,992	1,377	615	10†	6	*
Malignant neoplasm of breast	7,826	72	7,754	140†	*	139
Malignant neoplasm of cervix uteri	712	0	712	48	0	48
Malignant neoplasm of corpus uteri and uterus, part unspecified	1,210†	*	1,206	39	0	39
Malignant neoplasm of ovary	3,030†	*	3,028	89	0	89
Malignant neoplasm of prostate	6,095	6,087	8	113	113	0
Malignant neoplasm of kidney and renal pelvis	2,688	1,748	940	125	86	39
Malignant neoplasm of bladder	2,876	2,111	764	20	11	9
Malignant neoplasm of meninges, brain and other parts of central nervous system	2,855	1,598	1,257	37	25	12
Malignant neoplasm of lymphoid, hematopoietic and related tissue	11,101	6,332	4,768	240	114	125
Hodgkin's disease	216	127	89	0†	*	0
Non-Hodgkin's lymphoma	4,252	2,339	1,912	82	37	44
Leukemia	4,408	2,586	1,822	81	38	43
Multiple myeloma and immunoproliferative neoplasms	2,218	1,277	941	75	37	38
Other and unspecified malignant neoplasms of lymphoid tissue	10†	*	*	0	0	0
All other and unspecified malignant neoplasms	12,245	6,767	5,478	383	162	221

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; ^a All race/ethnic groups combined.

5.19
UNINTENTIONAL INJURY DEATHS BY MECHANISM AND GENDER AMONG AMERICAN INDIANS AND
ALL RESIDENTS^a OF ARIZONA, 2002-2012

	ALL RESIDENTS OF ARIZONA			AMERICAN INDIANS OR ALASKA NATIVES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Unintentional injury, total	31,545	19,929	11,612	2,978	2,125	853
Railway accidents	105	89	16	41	34	7
Motor vehicle -related	10,532	7,317	3,215	1,627	1,119	508
Water transport accident	31	23	8	0†	*	0
Accident involving aircraft	234	195	39	0†	*	0
Poisoning by drugs/ medicaments	7,166	4,672	2,494	275	191	84
Poisoning by gases and vapors	584	452	132	195	159	36
Falls	7,390	3,460	3,929	254	148	106
Fire, flames, smoke	430	270	160	37	29	8
Excessive natural heat	526	388	138	39	31	8
Excessive natural cold	218	181	37	128	113	15
Contact with venomous snakes and lizards	10†	7	*	0†	*	0
Contact with venomous spiders	0†	*	*	0	0	0
Contact with scorpions	0†	*	0	0	0	0
Contact with hornets, wasps, bees	10†	*	*	0	0	0
Bitten or struck by dog	15	6	9	0†	*	0
Lightning	10†	11	*	0†	*	0
Storms and floods	10†	6	*	0†	*	0
Accidental drowning and submersion	943	708	234	81	69	12
Choked on food	368	203	165	22	15	7
Choked on other objects	581	317	264	35	21	14
Mechanical suffocation	306	226	80	45	38	7
Accidental discharge of firearms	1,032	865	167	53	47	6
Exposure to electric current	66	66	0	0†	*	0
Overexertion	10†	*	*	0†	*	0
Adverse effects of drugs in therapeutic use	101	40	61	10†	*	*
Misadventures to patients during medical/surgical care	447	214	233	23	8	15

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; ^a All race/ethnic groups combined.