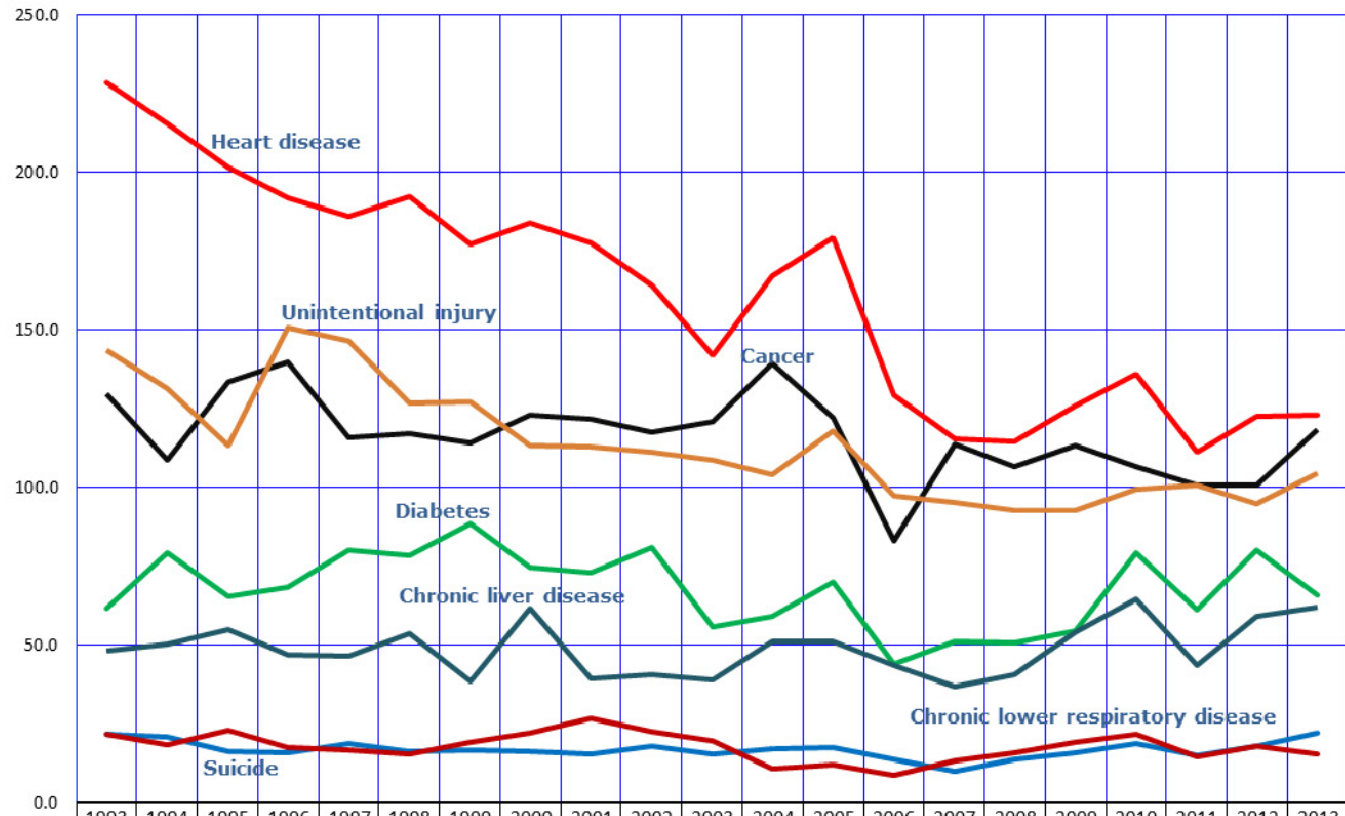


COMPARATIVE CAUSE-SPECIFIC MORTALITY

5.13
Temporal Changes^a in the Selected Leading Causes of Death among American Indian Residents of Arizona, 1993-2013



	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Heart disease	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	122.9
Cancer	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	118.2
Unintentional injury	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	104.5
Diabetes	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	65.7
Chronic liver disease	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	62.0
Suicide	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	21.9
Chronic lower respiratory disease	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	15.5

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 2013**

Rank	Female	Both	Male
1	Cancer 114.5	Diseases of heart 122.9	Diseases of heart 159.8
2	Diseases of heart 97.1	Cancer 118.2	Unintentional injury 150.5
3	Unintentional injury 62.9	Unintentional injury 104.5	Cancer 126.0
4	Diabetes 55.0	Diabetes 65.7	Diabetes 79.7
5	Chronic liver disease and cirrhosis 55.0	Chronic liver disease and cirrhosis 62.0	Chronic liver disease and cirrhosis 70.1

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 2013" report.

5.15
Five Leading Causes of Death^a among American Indians by Gender and Residence
On or Off Reservation, Arizona, 2013

Rank	Female, resided on reservation	Female, resided off reservation	Male, resided on reservation	Male, resided off reservation
1	Cancer 16.2	Chronic liver disease and cirrhosis 12.0	Unintentional injury 16.8	Unintentional injury 34.4
2	Diseases of heart 11.8	Diseases of heart 10.0	Diseases of heart 12.2	Chronic liver disease and cirrhosis 7.8
3	Unintentional injury 10.2	Unintentional injury 10.0	Cancer 10.6	Diseases of heart 6.3
4	Chronic liver disease and cirrhosis 8.9	Diabetes 6.0	Chronic liver disease and cirrhosis 8.1	Diabetes 6.3
5	Diabetes 7.9	Cancer 4.0	Diabetes 6.9	Cancer 1.6

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, 2003-2013

Rank	Arizona male^b	American Indian male	Arizona female^b	American Indian female
1	Trachea, bronchus, lung 27.3	Prostate 11.3	Trachea, bronchus, lung 25.3	Breast 12.7
2	Lymphoma 10.8	Liver 11.0	Breast 15.4	Lymphoma 11.4
3	Prostate 10.2	Lymphoma 10.4	Lymphoma 9.4	Ovary 8.3
4	Colon, rectum, anus 9.1	Colon, rectum, anus 8.9	Colon, rectum, anus 9.3	Trachea, bronchus, lung 7.7
5	Pancreas 6.2	Trachea, bronchus, lung 8.9	Pancreas 6.4	Colon, rectum, anus 7.5
6	Liver 4.5	Stomach 8.4	Ovary 5.9	Liver 7.4
7	Leukemia 4.4	Kidney 7.6	Leukemia 3.7	Pancreas 6.3
8	Esophagus 4.0	Pancreas 7.5	Non-Hodgkin's lymphoma 3.6	Stomach 5.0
9	Non-Hodgkin's lymphoma 4.0	Esophagus 3.9	Liver 2.7	Cervix uteri 4.0
10	Bladder 3.6	Multiple myeloma 3.5	Brain 2.6	Multiple myeloma 3.8

Notes: ^a Percent of cancer deaths in specified group in 2003-2013.
^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, 2003-2013

Rank	Arizona male^b	American Indian male	Arizona female^b	American Indian female
1	Motor vehicle-related 35.4	Motor vehicle-related 49.3	Falls 34.9	Motor vehicle-related 56.7
2	Poisoning by drugs 24.0	Poisoning by drugs 9.7	Motor vehicle-related 26.0	Falls 12.5
3	Falls 17.9	Poisoning by gases 9.7	Poisoning by drugs 22.5	Poisoning by drugs 10.8
4	Accidental discharge of firearms 4.2	Falls 6.9	Choked on objects other than food 2.2	Poisoning by gases 5.0
5	Accidental drowning 3.5	Exposure to cold 5.3	Accidental drowning 2.0	Exposure to cold 2.0
6	Poisoning by gases 2.6	Accidental drowning 3.3	Misadventures to patients 1.9	Misadventures to patients 1.9
7	Exposure to heat 2.0	Accidental discharge of firearms 2.2	Choked on food 1.4	Choked on objects other than food 1.6
8	Choked on objects other than food 1.6	Mechanical suffocation 1.8	Fire, flames, smoke 1.4	Accidental drowning 1.4
9	Fire, flames, smoke 1.4	Railway accidents 1.7	Accidental discharge of firearms 1.4	Exposure to heat 1.3
10	Misadventures to patients 1.1	Exposure to heat 1.5	Poisoning by gases 1.2	Railway accidents 1.0

Notes: ^a Percent of unintentional injury deaths in specified group in 2003-2013.
^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, 2003-2013

	ALL RESIDENTS OF ARIZONA			AMERICAN INDIANS OR ALASKA NATIVES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Malignant neoplasms, total	111,736	60,065	51,669	2,223	1,072	1,151
Malignant neoplasm of lip, oral cavity and pharynx	1,469	1,042	427	25	17	8
Malignant neoplasm of esophagus	2,958	2,393	565	60	42	18
Malignant neoplasm of stomach	2,138	1,267	871	147	90	57
Malignant neoplasm of colon, rectum and anus	10,290	5,495	4,794	181	95	86
Malignant neoplasm of liver and intrahepatic bile ducts	4,053	2,676	1,377	203	118	85
Malignant neoplasm of pancreas	7,065	3,735	3,330	152	80	72
Malignant neoplasm of larynx	616	486	130	10†	*	*
Malignant neoplasm of trachea, bronchus and lung	29,465	16,376	13,089	184	95	89
Malignant melanoma of skin	2,057	1,412	645	10†	6	*
Malignant neoplasm of breast	8,006	71	7,935	150†	*	146
Malignant neoplasm of cervix uteri	734	0	734	46	0	46
Malignant neoplasm of corpus uteri and uterus, part unspecified	1,272	0	1,272	40	0	40
Malignant neoplasm of ovary	3,070	0	3,070	96	0	96
Malignant neoplasm of prostate	6,130	6,130	0	121	121	0
Malignant neoplasm of kidney and renal pelvis	2,728	1,772	956	125	81	44
Malignant neoplasm of bladder	2,960	2,180	779	20†	12	*
Malignant neoplasm of meninges, brain and other parts of central nervous system	2,970	1,643	1,327	40	25	15
Malignant neoplasm of lymphoid, hematopoietic and related tissue	11,315	6,468	4,847	243	112	131
Hodgkin's disease	216	128	88	0†	*	*
Non-Hodgkin's lymphoma	4,260	2,385	1,875	78	36	42
Leukemia	4,558	2,669	1,889	80	36	44
Multiple myeloma and immunoproliferative neoplasms	2,273	1,282	991	82	38	44
Other and unspecified malignant neoplasms of lymphoid tissue	10†	*	*	0	0	0
All other and unspecified malignant neoplasms	12,440	6,926	5,514	381	171	210

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, 2003-2013

	ALL RESIDENTS OF ARIZONA			AMERICAN INDIANS OR ALASKA NATIVES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Unintentional injury, total	32,225	20,237	11,984	2,991	2,129	862
Railway accidents	109	91	18	45	36	9
Motor vehicle -related	10,281	7,164	3,117	1,539	1,050	489
Water transport accident	31	24	7	0†	*	0
Accident involving aircraft	224	186	38	0†	*	0
Poisoning by drugs/ medicaments	7,556	4,854	2,702	299	206	93
Poisoning by gases and vapors	672	526	146	250	207	43
Falls	7,806	3,627	4,178	255	147	108
Fire, flames, smoke	456	291	165	38	29	9
Excessive natural heat	542	400	142	43	32	11
Excessive natural cold	229	187	42	130	113	17
Contact with venomous snakes and lizards	10†	6	*	0†	*	0
Contact with venomous spiders	10†	*	*	0	0	0
Contact with scorpions	0	0	0	0	0	0
Contact with hornets, wasps, bees	10†	6	*	0	0	0
Bitten or struck by dog	17	8	9	0†	*	0
Lightning	10†	13	*	0†	*	0
Storms and floods	10†	6	*	0†	*	0
Accidental drowning and submersion	948	712	235	83	71	12
Choked on food	378	212	166	20†	15	*
Choked on other objects	584	324	260	38	24	14
Mechanical suffocation	304	219	85	47	38	9
Accidental discharge of firearms	1,015	851	164	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	220	227	25	9	16

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.