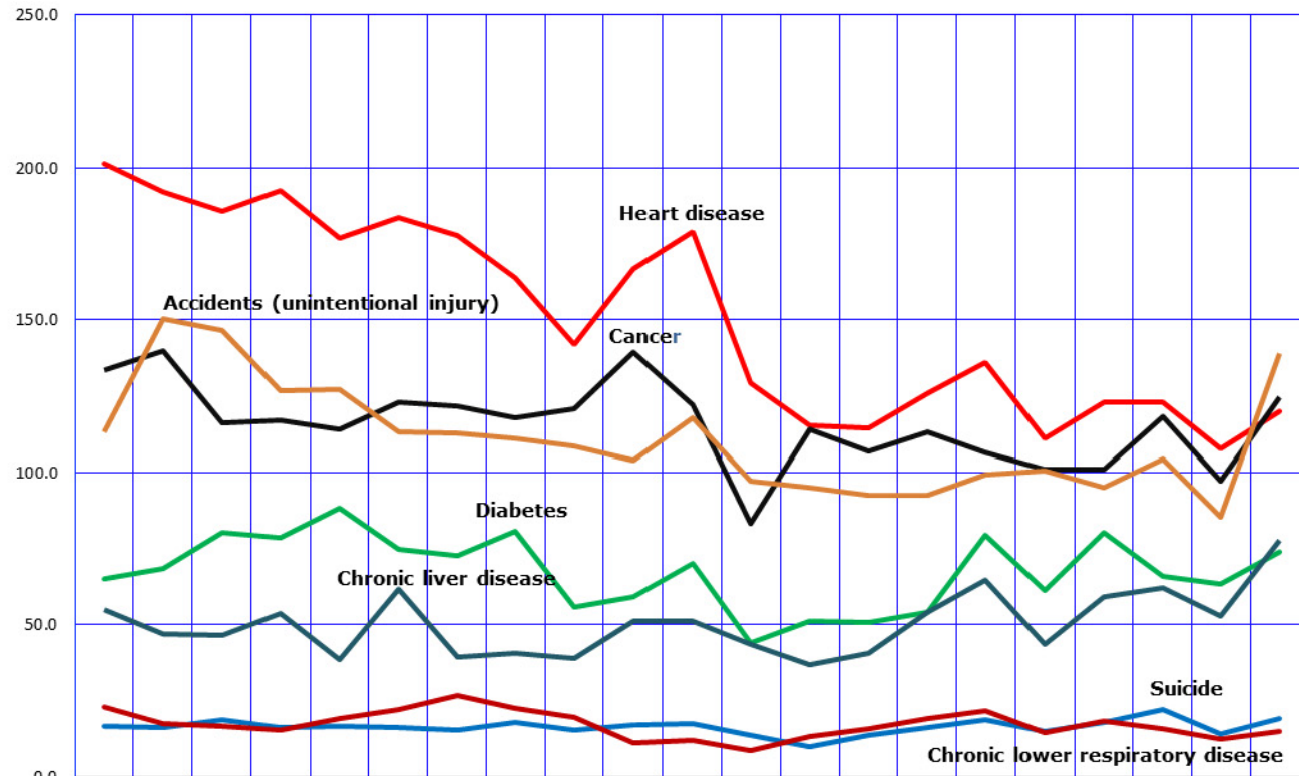


COMPARATIVE CAUSE-SPECIFIC MORTALITY

5.13
Temporal Changes^a in the Selected Leading Causes of Death among American Indian Residents of Arizona, 1995-2015



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Heart disease	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	107.5	119.9
Cancer	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	97.1	124.4
Accidents (unintentional injury)	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	85.4	139.0
Diabetes	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	63.2	73.9
Chronic liver disease	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	52.7	77.6
Suicide	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	13.9	19.0
Chronic lower respiratory disease	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	12.4	14.8

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 2015**

Rank	Female	Both	Male
1	Cancer 112.4	Accidents (unintentional injury) 139.0	Accidents (unintentional injury) 203.9
2	Diseases of heart 89.1	Cancer 124.4	Diseases of heart 158.9
3	Accidents (unintentional injury) 82.7	Diseases of heart 119.9	Cancer 142.1
4	Chronic liver disease and cirrhosis 66.1	Chronic liver disease and cirrhosis 77.6	Chronic liver disease and cirrhosis 91.8
5	Diabetes 65.3	Diabetes 73.9	Diabetes 85.6

Notes: ^a Based on age-adjusted mortality rates: Number of deaths per 100,000 population age-adjusted to the 2000 U.S. standard.
Source: Table 2B-4 in the "Arizona Health Status and Vital Statistics 2015" report.

5.15
Five Leading Causes of Death^a among American Indians by Gender and Residence
On or Off Reservation, Arizona, 2015

Rank	Female, resided on reservation	Female, resided off reservation	Male, resided on reservation	Male, resided off reservation
1	Alzheimer's disease 12.7	Cancer 16.0	Accidents (unintentional injury) 20.4	Accidents (unintentional injury) 20.3
2	Cancer 12.2	Accidents (unintentional injury) 11.4	Diseases of heart 13.0	Cancer 11.6
3	Accidents (unintentional injury) 9.8	Diseases of heart 10.6	Cancer 9.9	Diseases of heart 10.7
4	Diabetes 5.8	Chronic liver disease and cirrhosis 7.9	Chronic liver disease and cirrhosis 9.2	Chronic liver disease and cirrhosis 8.7
5	Chronic lower respiratory diseases 2.1	Diabetes 7.3	Diabetes 7.4	Diabetes 6.8

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, 2005-2015

1	Trachea, bronchus, lung 26.3	Liver 12.1	Trachea, bronchus, lung 25.0	Breast 12.2
2	Lymphoma 10.8	Prostate 11.3	Breast 15.3	Lymphoma 11.0
3	Prostate 10.1	Lymphoma 10.0	Lymphoma 9.2	Colon, rectum, anus 8.1
4	Colon, rectum, anus 9.0	Colon, rectum, anus 9.4	Colon, rectum, anus 9.1	Ovary 7.8
5	Pancreas 6.6	Trachea, bronchus, lung 8.1	Pancreas 6.8	Trachea, bronchus, lung 7.7
6	Liver 4.8	Kidney 7.8	Ovary 5.8	Liver 7.6
7	Leukemia 4.5	Stomach 7.7	Leukemia 3.6	Pancreas 6.4
8	Esophagus 4.0	Pancreas 6.6	Non-Hodgkin's lymphoma 3.6	Stomach 4.6
9	Non-Hodgkin's lymphoma 3.9	Esophagus 4.0	Liver 2.9	Non-Hodgkin's lymphoma 4.0
10	Bladder 3.8	Leukemia 3.6	Corpus uteri and uterus 2.7	Cervix uteri 3.7

Notes: ^a Percent of cancer deaths in specified group in 2005-2015.
^b All race/ethnic groups combined.
Source: 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, 2005-2015

Rank	Arizona male^b	American Indian male	Arizona female^b	American Indian female
1	Motor vehicle accidents 32.8	Motor vehicle-related 46.8	Falls 36.6	Motor vehicle-related 53.6
2	Poisoning by drugs 25.5	Poisoning by gases 12.8	Poisoning by drugs 24.5	Falls 12.7
3	Falls 19.8	Poisoning by drugs 9.9	Motor vehicle-related 22.9	Poisoning by drugs 11.4
4	Accidental discharge of firearms 7.4	Falls 6.8	Accidental discharge of firearms 2.4	Poisoning by gases 6.6
5	Accidental drowning 3.3	Exposure to cold 5.0	Choked on other objects 2.0	Exposure to cold 2.2
6	Poisoning by gases 3.1	Accidental drowning 3.1	Accidental drowning 1.9	Choked on other objects 1.5
7	Exposure to heat 1.8	Accidental discharge of firearms 3.0	Poisoning by gases 1.5	Misadventures to patients 1.5
8	Choked on other objects 1.6	Mechanical suffocation 1.8	Misadventures to patients 1.4	Exposure to heat 1.3
9	Fire, flames, smoke 1.3	Railway accidents 1.4	Choked on food 1.3	Accidental drowning 1.3
10	Mechanical suffocation 1.1	Exposure to heat 1.4	Fire, flames, smoke 1.3	Mechanical suffocation 1.1

Notes: ^a Percent of unintentional injury deaths in specified group in 2005-2015.
^b All race/ethnic groups combined.
Source: 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, 2005-2015

	ALL RESIDENTS OF ARIZONA			AMERICAN INDIANS OR ALASKA NATIVES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Malignant neoplasms, total	114,791	61,759	53,030	2,339	1,161	1,178
Malignant neoplasm of lip, oral cavity and pharynx	1,521	1,073	448	34	24	10
Malignant neoplasm of esophagus	3,061	2,480	581	66	47	19
Malignant neoplasm of stomach	2,168	1,280	888	143	89	54
Malignant neoplasm of colon, rectum and anus	10,381	5,562	4,818	205	109	96
Malignant neoplasm of liver and intrahepatic bile ducts	4,530	2,990	1,540	231	141	90
Malignant neoplasm of pancreas	7,650	4,046	3,604	152	77	75
Malignant neoplasm of larynx	623	485	138	10†	6	*
Malignant neoplasm of trachea, bronchus and lung	29,507	16,251	13,256	185	94	91
Malignant melanoma of skin	2,175	1,488	687	10†	*	*
Malignant neoplasm of breast	8,198	77	8,121	150†	*	144
Malignant neoplasm of cervix uteri	764	0	764	43	0	43
Malignant neoplasm of corpus uteri and uterus, part unspecified	1,450†	*	1,448	43	0	43
Malignant neoplasm of ovary	3,100†	*	3,095	92	0	92
Malignant neoplasm of prostate	6,238	6,229	9	131	131	0
Malignant neoplasm of kidney and renal pelvis	2,847	1,886	961	134	91	43
Malignant neoplasm of bladder	3,146	2,349	796	18	12	6
Malignant neoplasm of meninges, brain and other parts of central nervous system	3,184	1,781	1,403	44	28	16
Malignant neoplasm of lymphoid, hematopoietic and related tissue	11,583	6,679	4,904	245	116	129
Hodgkin's disease	227	137	90	10†	*	*
Non-Hodgkin's lymphoma	4,265	2,382	1,883	82	35	47
Leukemia	4,721	2,810	1,911	81	42	39
Multiple myeloma and immunoproliferative neoplasms	2,360	1,344	1,016	77	36	41
Other and unspecified malignant neoplasms of lymphoid tissue	10†	6	*	0	0	0
All other and unspecified malignant neoplasms	12,670	7,101	5,569	411	189	222

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 racial/ethnic groups combined.

5.19
UNINTENTIONAL INJURY DEATHS BY MECHANISM AND GENDER AMONG AMERICAN INDIANS AND
ALL RESIDENTS^a OF ARIZONA, 2005-2015

	ALL RESIDENTS OF ARIZONA			AMERICAN INDIANS OR ALASKA NATIVES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Unintentional injury, total	33,236	20,715	12,517	3,112	2,216	896
Railway accidents	102	89	13	38	32	6
Motor vehicle accidents	9,649	6,788	2,861	1,517	1,037	480
Water transport accident	26	19	7	0†	*	0
Accident involving aircraft	178	146	32	0†	*	0
Poisoning by drugs/ medicaments	8,363	5,292	3,071	322	220	102
Poisoning by gases and vapors	833	650	183	343	284	59
Falls	8,678	4,092	4,585	265	151	114
Fire, flames, smoke	436	277	159	39	30	9
Excessive natural heat	528	379	149	43	31	12
Excessive natural cold	230	182	48	131	111	20
Contact with venomous snakes and lizards	10†	6	*	0†	*	0
Contact with venomous spiders	0†	*	*	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	9	8	0†	*	*
Lightning	20†	13	*	0†	*	0
Storms and floods	0†	*	0	0†	*	0
Accidental drowning and submersion	920	684	235	81	69	12
Choked on food	364	199	165	20†	17	*
Choked on other objects	584	331	253	41	28	13
Mechanical suffocation	326	226	100	49	39	10
Accidental discharge of firearms	1,845	1,542	303	75	66	9
Exposure to electric current	58	58	0	0†	*	0
Overexertion	10†	*	*	0	0	0
Adverse effects of drugs in therapeutic use	115	42	73	10†	6	*
Misadventures to patients during medical/surgical care	352	175	177	20	7	13

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 racial/ethnic groups combined.