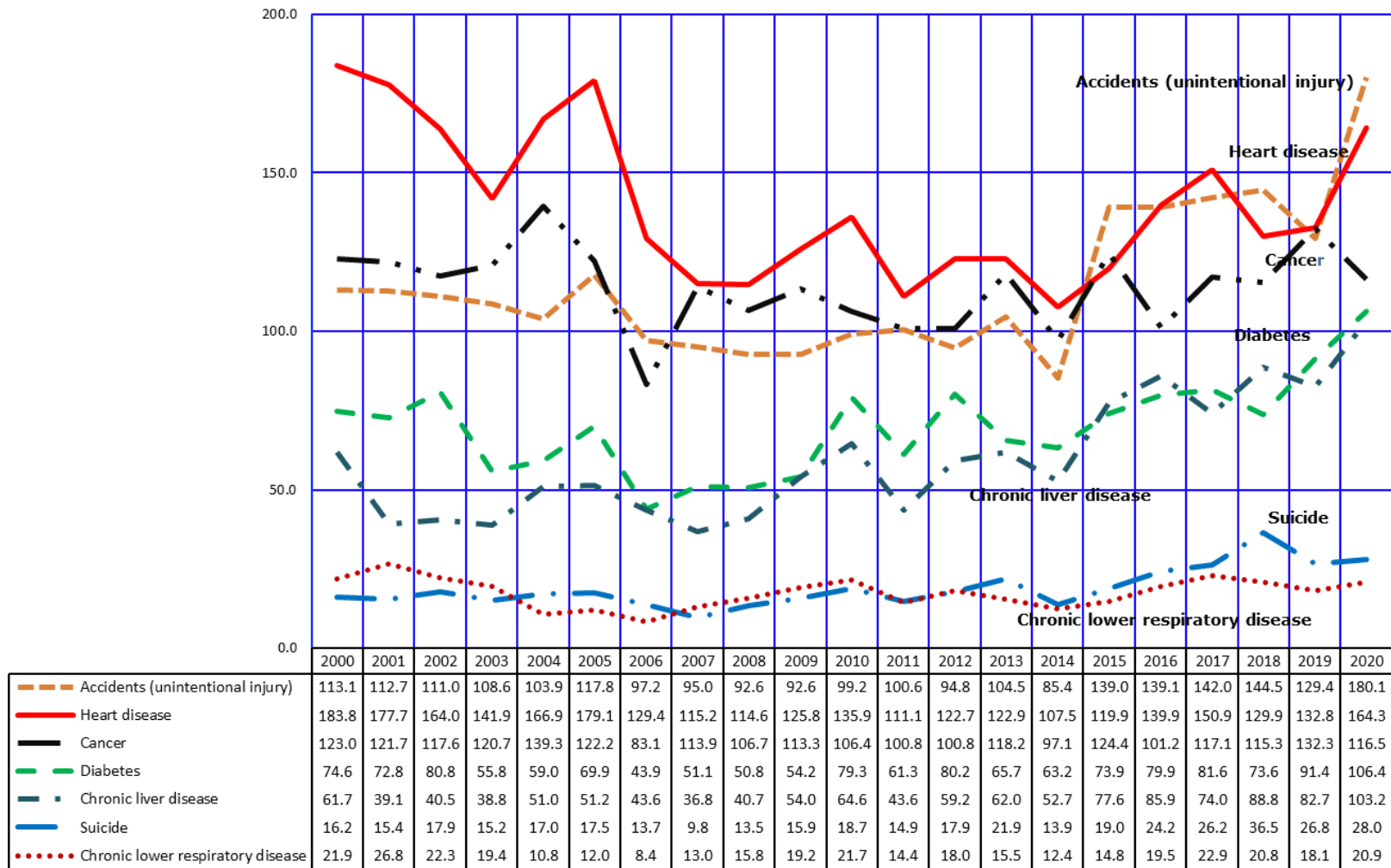




COMPARATIVE CAUSE-SPECIFIC MORTALITY

5.13
Temporal Changes^a in the Selected Leading Causes of Death among American Indian Residents of Arizona, 2000-2020



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 2020**

Rank	Female	Both	Male
1	COVID-19 406.9	COVID-19 492.3	COVID-19 605.3
2	Diseases of heart 113.2	Accidents (unintentional injury) 180.1	Accidents (unintentional injury) 262.7
3	Accidents (unintentional injury) 104.9	Diseases of heart 164.3	Diseases of heart 234.2
4	Cancer 102.8	Cancer 116.5	Cancer 138.7
5	Chronic liver disease and cirrhosis 95.5	Diabetes 106.4	Diabetes 137.7

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 2020" report.

Leading causes of death rankings use the [National Vital Statistics System](#) method to make standard comparisons. This method excludes alcohol-induced death ICD-10 codes because they may overlap with other selected causes of death in the ranking method. To follow this standard method, alcohol-induced deaths are excluded from Figures 5.14-5.15.

5.15
Five Leading Causes of Death^a among American Indians by Gender and Residence
On or Off Reservation, Arizona, 2020

Rank	Female, resided on reservation	Female, resided off reservation	Male, resided on reservation	Male, resided off reservation
1	COVID-19 31.9	COVID-19 26.5	COVID-19 28.0	COVID-19 23.6
2	Diseases of heart 7.7	Accidents (unintentional injury) 8.7	Accidents (unintentional injury) 13.2	Accidents (unintentional injury) 16.1
3	Accidents (unintentional injury) 7.3	Chronic liver disease and cirrhosis 8.7	Diseases of heart 8.5	Diseases of heart 11.6
4	Cancer 7.1	Diseases of heart 7.9	Chronic liver disease and cirrhosis 6.5	Cancer 7.8
5	Chronic liver disease and cirrhosis 6.1	Cancer 7.6	Diabetes 6.4	Diabetes 5.8

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

Leading causes of death rankings use the [National Vital Statistics System](#) method to make standard comparisons. This method excludes alcohol-induced death ICD-10 codes because they may overlap with other selected causes of death in the ranking method. To follow this standard method, alcohol-induced deaths are excluded from Figures 5.14-5.15.

5.16
Proportional Mortality^a by Type of Cancer and Gender among American Indians and all Residents of Arizona, 2010-2020

Rank	Arizona male^b	American Indian male	Arizona female^b	American Indian female
1	Trachea, bronchus, lung 23.2	Liver 13.7	Trachea, bronchus, lung 23.4	Breast 11.1
2	Lymphoma 10.8	Prostate 11.5	Breast 15.2	Liver 9.4
3	Prostate 10.3	Colon, rectum, anus 10.9	Lymphoma 9.0	Lymphoma 9.2
4	Colon, rectum, anus 9.1	Lymphoma 9.7	Colon, rectum, anus 9.0	Colon, rectum, anus 8.6
5	Pancreas 7.3	Trachea, bronchus, lung 8.2	Pancreas 7.6	Pancreas 7.8
6	Liver 5.7	Kidney 7.9	Ovary 5.6	Ovary 7.7
7	Leukemia 4.6	Pancreas 7.5	Leukemia 3.7	Trachea, bronchus, lung 6.8
8	Bladder 4.1	Stomach 7.0	Liver 3.4	Corpus uteri and uterus 5.7
9	Esophagus 4.1	Leukemia 3.6	Corpus uteri and uterus 3.3	Stomach 4.8
10	Non-Hodgkin's lymphoma 3.7	Non-Hodgkin's lymphoma 3.4	Non-Hodgkin's lymphoma 3.2	Kidney 4.6

Notes: ^a Percent of cancer deaths in specified group in 2010-2020.
^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, 2010-2020

Rank	Arizona male^b	American Indian male	Arizona female^b	American Indian female
1	Poisoning by drugs 33.7	Motor vehicle-related 37.7	Falls 37.6	Motor vehicle-related 42.8
2	Motor vehicle accidents 26.4	Poisoning by gases 17.7	Poisoning by drugs 28.3	Poisoning by drugs 17.9
3	Falls 20.0	Poisoning by drugs 16.4	Motor vehicle-related 19.1	Falls 13.3
4	Poisoning by gases 3.7	Falls 7.8	Misadventures to patients 2.3	Poisoning by gases 10.0
5	Accidental drowning 2.7	Exposure to cold 3.9	Poisoning by gases 2.1	Exposure to cold 2.2
6	Exposure to heat 2.5	Accidental drowning 2.5	Accidental drowning 1.9	Exposure to heat 1.8
7	Misadventures to patients 1.4	Exposure to heat 1.8	Exposure to heat 1.9	Fire, flames, smoke 1.6
8	Choked on other objects 1.2	Mechanical suffocation 1.4	Choked on other objects 1.3	Accidental drowning 1.6
9	Fire, flames, smoke 1.1	Fire, flames, smoke 1.3	Choked on food 1.1	Mechanical suffocation 1.5
10	Choked on food 0.9	Choked on other objects 1.1	Fire, flames, smoke 1.1	Misadventures to patients 1.5

Notes: ^a Percent of unintentional injury deaths in specified group in 2010-2020.
^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, 2010-2020

	ALL RESIDENTS OF ARIZONA			AMERICAN INDIANS OR ALASKA NATIVES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Malignant neoplasms, total	126,225	68,312	57,912	2,692	1,336	1,356
Malignant neoplasm of lip, oral cavity and pharynx	1,811	1,324	487	30	19	11
Malignant neoplasm of esophagus	3,415	2,771	644	65	44	21
Malignant neoplasm of stomach	2,319	1,369	950	158	93	65
Malignant neoplasm of colon, rectum and anus	11,400	6,207	5,193	262	145	117
Malignant neoplasm of liver and intrahepatic bile ducts	5,866	3,901	1,965	310	183	127
Malignant neoplasm of pancreas	9,394	5,008	4,386	206	100	106
Malignant neoplasm of larynx	673	534	139	10†	8	*
Malignant neoplasm of trachea, bronchus and lung	29,457	15,880	13,577	202	110	92
Malignant melanoma of skin	2,252	1,525	727	10†	9	*
Malignant neoplasm of breast	8,907	90	8,817	151	0	151
Malignant neoplasm of cervix uteri	854	0	854	30	0	30
Malignant neoplasm of corpus uteri and uterus, part unspecified	1,887	0	1,887	77	0	77
Malignant neoplasm of ovary	3,237	0	3,237	105	0	105
Malignant neoplasm of prostate	7,059	7,059	0	154	154	0
Malignant neoplasm of kidney and renal pelvis	3,269	2,225	1,044	168	105	63
Malignant neoplasm of bladder	3,736	2,799	936	22	13	9
Malignant neoplasm of meninges, brain and other parts of central nervous system	3,681	2,094	1,587	47	25	22
Malignant neoplasm of lymphoid, hematopoietic and related tissue	12,584	7,378	5,206	255	130	125
Hodgkin's disease	240	140	100	0†	*	*
Non-Hodgkin's lymphoma	4,373	2,523	1,850	83	45	38
Leukemia	5,233	3,118	2,115	93	48	45
Multiple myeloma and immunoproliferative neoplasms	2,714	1,583	1,131	75	35	40
Other and unspecified malignant neoplasms of lymphoid tissue	24	14	10	0	0	0
All other and unspecified malignant neoplasms	14,424	8,151	6,273	426	198	228

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, 2010-2020

	ALL RESIDENTS OF ARIZONA			AMERICAN INDIANS OR ALASKA NATIVES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Unintentional injury, total	40,242	25,769	14,473	3,718	2,619	1,099
Railway accidents	92	77	15	32	26	6
Motor vehicle accidents	9,552	6,794	2,758	1,457	987	470
Water transport accident	37	30	7	0†	*	0
Accident involving aircraft	135	110	25	0†	*	*
Poisoning by drugs/medicaments	12,780	8,685	4,095	627	430	197
Poisoning by gases and vapors	1,250	953	297	574	464	110
Falls	10,590	5,152	5,438	351	205	146
Fire, flames, smoke	429	271	158	52	34	18
Excessive natural heat	919	643	276	68	48	20
Excessive natural cold	239	183	56	127	103	24
Contact with venomous snakes and lizards	9	9	0	0†	*	0
Contact with venomous spiders	0†	0	*	0	0	0
Contact with scorpions	0†	*	0	0	0	0
Contact with hornets, wasps, bees	17	17	0	0†	*	0
Bitten or struck by dog	16	9	7	10†	*	*
Lightning	10†	8	*	0†	*	0
Storms and floods	17	10	7	0	0	0
Accidental drowning and submersion	988	706	282	83	65	18
Choked on food	394	234	160	20†	17	*
Choked on other objects	488	297	191	38	28	10
Mechanical suffocation	337	228	109	54	37	17
Accidental discharge of firearms	86	77	9	13	13	0
Exposure to electric current	47	47	0	0†	*	0
Overexertion	0†	*	*	0	0	0
Adverse effects of drugs in therapeutic use	94	37	57	0†	*	0
Misadventures to patients during medical/surgical care	689	354	335	35	18	17

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.