

Years of Potential Life Lost (YPLL)

Main Findings

- Alaska Native people, both sexes combined, had an average of 26.8 years of potential life lost from all-causes during the 2014-2018 time period.
- Unintentional injury (YPLL=23,323) caused the greatest number of years of potential life lost among Alaska Native people, both sexes combined, and among females (YPLL=8,243) and males (YPLL=15,080), separately.
- Suicide (YPLL=13,591) was the second leading cause of years of potential life lost among Alaska Native people, both sexes combined, and among males (YPLL=10,182).
- Among Alaska Native females, cancer (YPLL=4,904) was the second leading cause of years of potential life lost. Among Alaska Native males, cancer (YPLL=5,264) ranked fourth in years of potential life lost.

Overview

Years of potential life lost (YPLL) is the number of years more a person would have lived if s/he lived to age 75. For example, an individual who dies at age 55 has 20 years of potential life lost by this calculation. It is a measure of premature mortality.

This chapter reports YPLL for the five-year period, 2014-2018. The top 15 causes of YPLL for both sexes combined and each sex individually are included. Table 2a reports YPLL for Alaska Native people, both sexes combined, Table 2b reports this for females, and Table 2c for males. Figures 21a-c display the average YPLL by cause of death. Data for these figures are available in Tables 2a-c. Tables in this chapter are ranked by total YPLL and figures are ranked by mean YPLL.

YEARS OF POTENTIAL LIFE LOST (YPLL)

Table 2a. Leading Causes of YPLL before Age 75 among Alaska Native People, 2014-2018

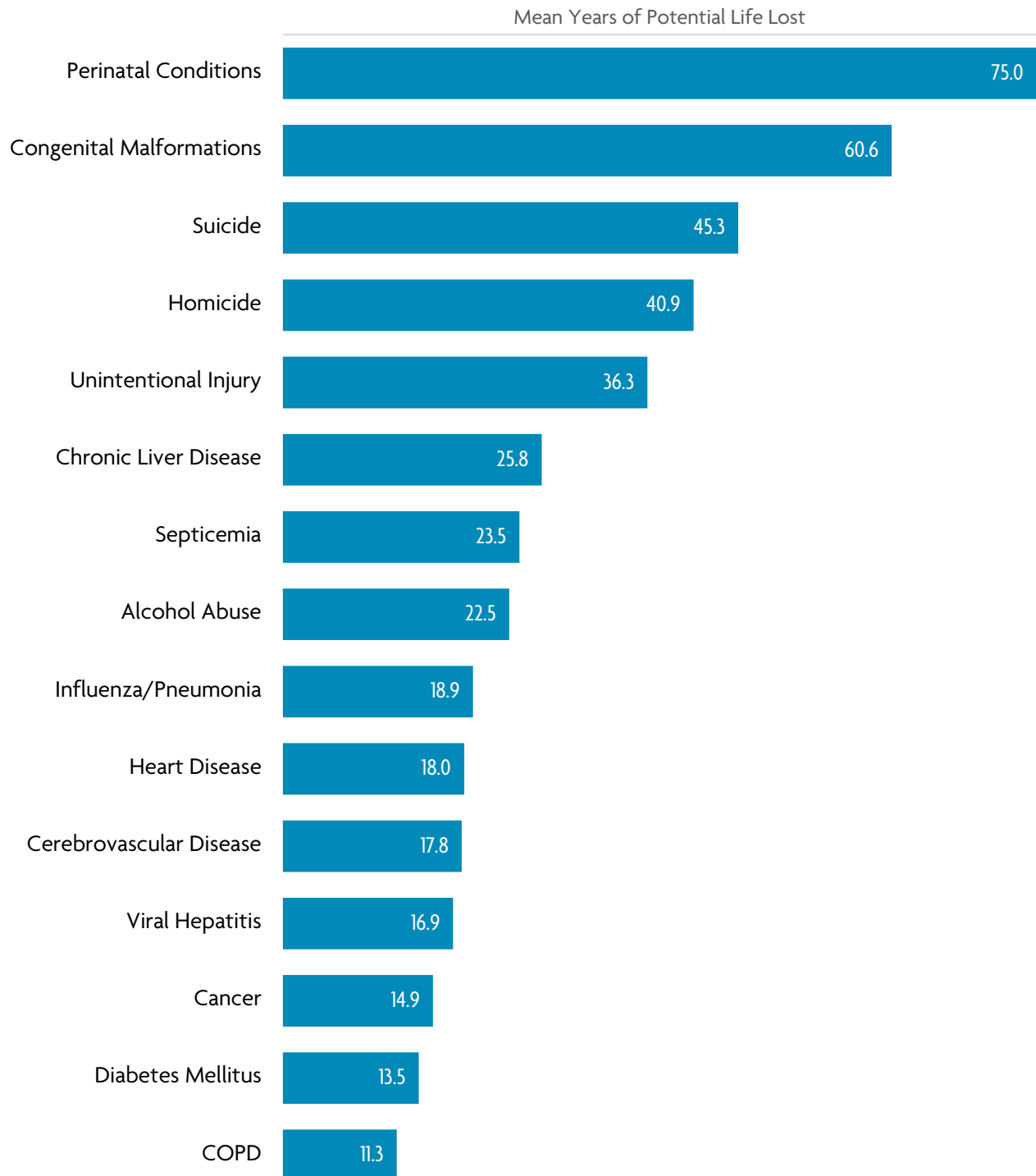
Data Source: State of Alaska Department of Health and Social Services, Health Analytics and Vital Records

	Total YPLL	% Total YPLL	Count	Mean YPLL
Unintentional Injury	23,323	23.0%	643	36.3
Suicide	13,591	13.4%	300	45.3
Cancer	10,168	10.0%	681	14.9
Heart Disease	9,612	9.5%	533	18.0
Chronic Liver Disease	5,048	5.0%	196	25.8
Homicide	4,658	4.6%	114	40.9
Alcohol Abuse	2,635	2.6%	117	22.5
Perinatal Conditions	2,250	2.2%	30	75.0
Congenital Malformations	1,999	2.0%	33	60.6
COPD	1,598	1.6%	141	11.3
Cerebrovascular Disease	1,584	1.6%	89	17.8
Septicemia	1,012	1.0%	43	23.5
Diabetes Mellitus	933	0.9%	69	13.5
Influenza/Pneumonia	870	0.9%	46	18.9
Viral Hepatitis	254	0.3%	15	16.9
All-Cause	101,217	100.0%	3,777	26.8

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Figure 21a. Leading Causes of YPLL before Age 75 among Alaska Native People, 2014-2018

Data Source: State of Alaska Department of Health and Social Services, Health Analytics and Vital Records



YEARS OF POTENTIAL LIFE LOST (YPLL)

Table 2b. Leading Causes of YPLL before Age 75 among Alaska Native Females, 2014-2018

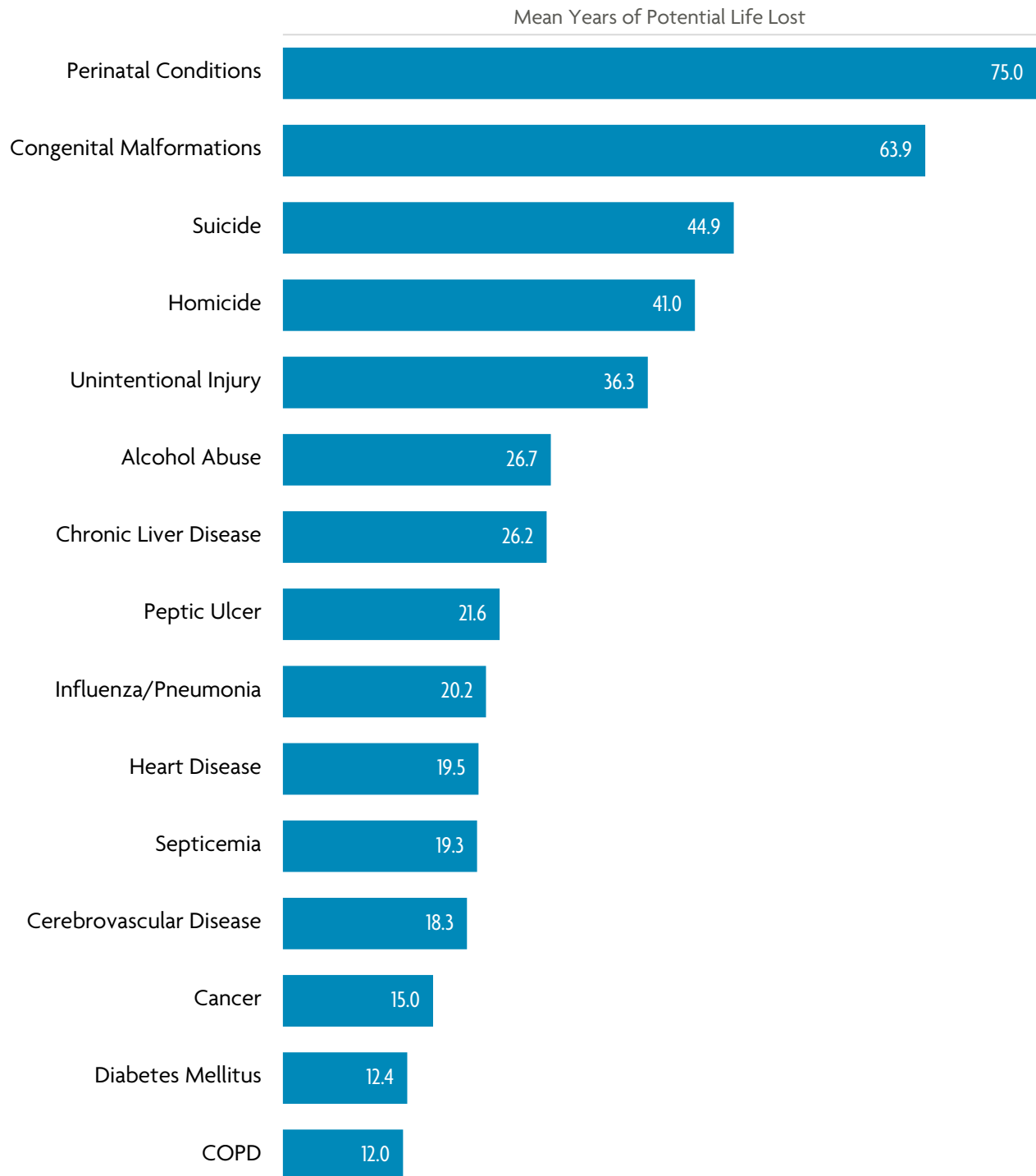
Data Source: State of Alaska Department of Health and Social Services, Health Analytics and Vital Records

	Total YPLL	% Total YPLL	Count	Mean YPLL
Unintentional Injury	8,243	20.3%	227	36.3
Cancer	4,904	12.0%	328	15.0
Heart Disease	3,582	8.8%	184	19.5
Chronic Liver Disease	3,568	8.8%	136	26.2
Suicide	3,409	8.4%	76	44.9
Homicide	1,558	3.8%	38	41.0
Alcohol Abuse	1,173	2.9%	44	26.7
Perinatal Conditions	975	2.4%	13	75.0
COPD	789	1.9%	66	12.0
Cerebrovascular Disease	751	1.8%	41	18.3
Congenital Malformations	703	1.7%	11	63.9
Septicemia	541	1.3%	28	19.3
Influenza/Pneumonia	384	0.9%	19	20.2
Diabetes Mellitus	371	0.9%	30	12.4
Peptic Ulcer	151	0.4%	7	21.6
All-Cause	40,701	100.0%	1,592	25.6

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Figure 21b. Leading Causes of YPLL before Age 75 among Alaska Native Females, 2014-2018

Data Source: State of Alaska Department of Health and Social Services, Health Analytics and Vital Records



YEARS OF POTENTIAL LIFE LOST (YPLL)

Table 2c. Leading Causes of YPLL before Age 75 among Alaska Native Males, 2014-2018

Data Source: State of Alaska Department of Health and Social Services, Health Analytics and Vital Records

	Total YPLL	% Total YPLL	Count	Mean YPLL
Unintentional Injury	15,080	24.9%	416	36.3
Suicide	10,182	16.8%	224	45.5
Heart Disease	6,030	10.0%	349	17.3
Cancer	5,264	8.7%	353	14.9
Homicide	3,100	5.1%	76	40.8
Chronic Liver Disease	1,480	2.4%	60	24.7
Alcohol Abuse	1,462	2.4%	73	20.0
Congenital Malformations	1,296	2.1%	22	58.9
Perinatal Conditions	1,275	2.1%	17	75.0
Cerebrovascular Disease	833	1.4%	48	17.4
COPD	809	1.3%	75	10.8
Diabetes Mellitus	562	0.9%	39	14.4
Influenza/Pneumonia	486	0.8%	27	18.0
Septicemia	471	0.8%	15	31.4
Legal Intervention	240	0.4%	6	40.0
All-Cause	60,516	100.0%	2,185	27.7

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Figure 21c. Leading Causes of YPLL before Age 75 among Alaska Native Males, 2014-2018

Data Source: State of Alaska Department of Health and Social Services, Health Analytics and Vital Records

