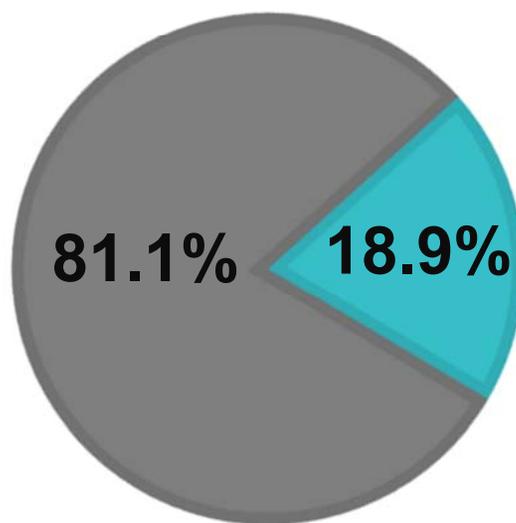# 2017 Deaths and Estimates of Smoking-Attributable Mortality (SAM) for North Inland Region Adults 35 Years of Age and Older

2017 Smoking-Attributable Mortality (SAM) for North Inland Region Adults 35 Years of Age and Older, Total and by Gender

	Total Population 35+	Males 35+	Females 35+
Total Population 35 and Over	320,098	152,642	167,456
Total Number of Deaths	4,180	2,059	2,121
Total Deaths Attributed to Smoking	792	469	323
Percent Deaths Attributed to Smoking	**18.9%**	**22.8%**	**15.2%**

2017 DEATHS DUE TO SMOKING, TOTAL POPULATION 35+

- Total Deaths Attributed to Smoking
- Deaths Due to All Other Causes

81.1% 18.9%

Males: **22.8%** of all deaths were attributable to smoking.

Females: **15.2%** of all deaths were attributable to smoking.

2017 Deaths and Estimates of Smoking-Attributable Mortality (SAM) for North Inland Region Adults 35 Years of Age and Older, Total and by Gender

Conditions/ Diseases	ICD 10 Codes	Males 35+			Females 35+			Total 35+ Population	
		Deaths	†Attributable fraction (%)	SAM	Deaths	†Attributable fraction (%)	SAM	Deaths	SAM
Lung cancer	C33-C34	96	0.84	80	91	0.81	73	187	154
Other cancers [a]	C00-C14, C15, C16, C18-21, C22, C25, C32, C53, C64-65, C67, C92.0	234	0.25	59	138	0.13	18	372	77
Total—Cancers		**330**	**0.52**	**173**	**229**	**0.44**	**100**	**559**	**273**
Coronary heart disease	I11, I20-I25	327	0.28	92	240	0.19	46	567	139
Other heart disease [b]	I00-I09, I26-I28, I30-I51	162	0.18	29	175	0.13	22	337	51
Cerebrovascular disease [c]	I60-I69	114	0.15	17	193	0.09	17	307	34
Other vascular disease [d]	I70-I74, I76-I78	23	0.41	10	24	0.35	9	47	18
Diabetes mellitus	E10-E14	83	0.18	15	67	0.08	5	150	20
Total—Cardiovascular and metabolic diseases		**709**	**0.24**	**170**	**699**	**0.15**	**108**	**1,408**	**278**
Pneumonia, influenza, tuberculosis	J09-J18, A16-A19	28	0.31	9	38	0.16	6	66	15
COPD	J40-J44	88	0.82	72	119	0.76	90	207	162
Total—Pulmonary diseases [e]		**116**	**0.67**	**78**	**157**	**0.57**	**89**	**273**	**167**
Total—Cancers, cardiovascular and metabolic diseases, pulmonary diseases		**1,155**	**0.38**	**434**	**1,085**	**0.28**	**299**	**2,240**	**733**
Prenatal conditions [f]	K55.0, P00.0, P01.0, P01.1, P01.5, P02.0, P02.1, P02.7, P07.0–P07.3, P10.2, P22.0–P22.9, P25.0–P27.9, P28.0, P28.1, P36.0–P36.9, P52.0–P52.3, and P77	5	0.06	0	1	0.06	0	6	0
Sudden infant death syndrome [g]	R95	0	0.17	0	0	0.17	0	0	0
Total Perinatal Conditions		**5**	**0.08**	**0**	**1**	**0.08**	**0**	**6**	**0**
Residential fires	X00-X09	**2**	**1.00**	**2**	**1**	**1.00**	**1**	**3**	**3**
Secondhand smoke									
Lung Cancer	C33-C34	96	0.05	5	91	0.04	4	187	9
Coronary heart disease	I11, I20-I25	327	0.09	29	240	0.08	18	567	47
Total—Secondhand smoke		**423**	**0.08**	**32**	**331**	**0.07**	**22**	**754**	**55**
TOTAL Attributable Deaths				**469**			**323**		**792**

†Fractions by the Centers for Disease Control and Prevention (CDC), Smoking-Attributable Mortality, Morbidity, and Economic Costs (SAMMEC) System. http://www.ncbi.nlm.nih.gov/books/NBK294316/table/ch12.t4/?report=objectonly
Note: Deaths with unknown age or sex were not included in the analysis. Deaths were pulled using 2017 ICD 10 Mortality codes.
Source: California Department of Public Health (CDPH), Center for Health Statistics and Informatics, Vital Records Business Intelligence System (VRBIS), 2017. Prepared by County of San Diego, Health & Human Services Agency, Public Health Services, Community Health Statistics Unit, 10/21/19.

Note: COPD = chronic obstructive pulmonary disease.
a - Other cancers consist of cancers of the lip, pharynx and oral cavity, esophagus, stomach, pancreas, larynx, cervix uteri (women), kidney and renal pelvis, bladder, liver, colon and rectum, and acute myeloid leukemia.
b - Other heart disease comprised of rheumatic heart disease, pulmonary heart disease, and other forms of heart disease.
c - Cerebrovascular diseases ICD-10 Codes: I60-I69
d - Other vascular diseases are comprised of atherosclerosis, aortic aneurysm, and other arterial diseases.
e - Pulmonary diseases consists of pneumonia, influenza, bronchitis, and chronic airways obstruction.
f - Prenatal conditions comprised of ICD-10 codes: K55.0, P00.0, P01.0, P01.1, P01.5, P02.0, P02.1, P02.7, P07.0–P07.3, P10.2, P22.0–P22.9, P25.0–P27.9, P28.0, P28.1, P36.0–P36.9, P52.0–P52.3, and P77 (Dietz et al. 2010).
g - ICD-10 code R95