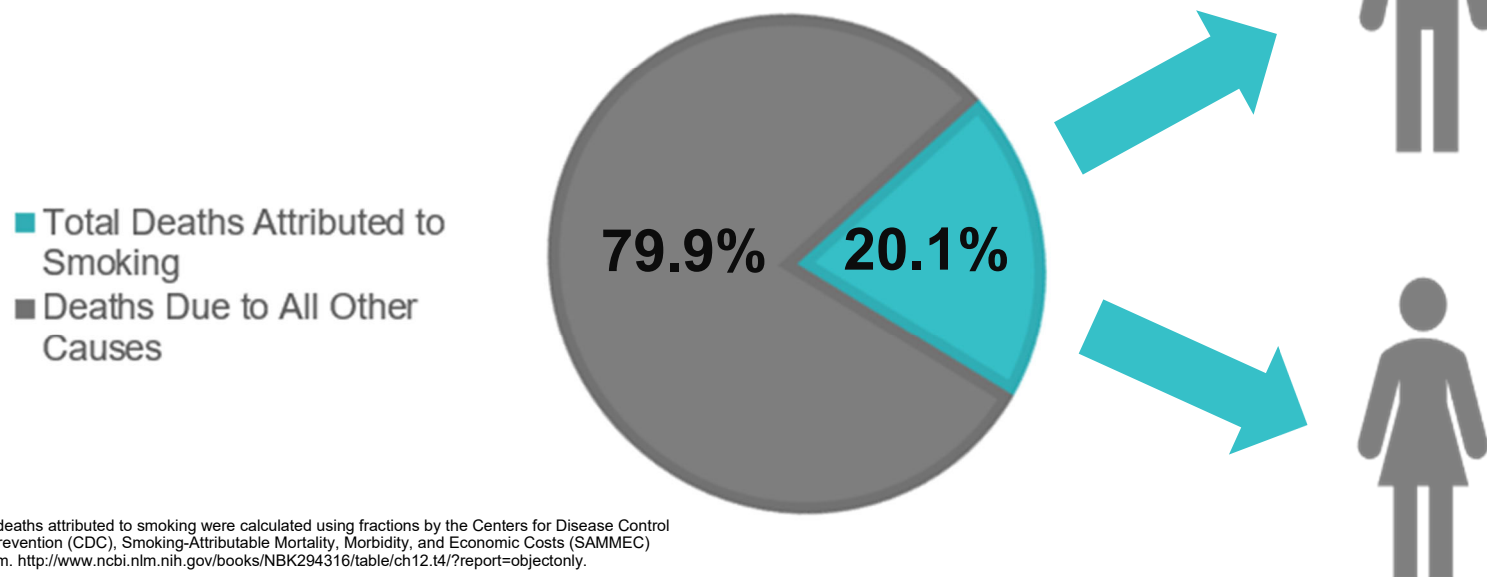


2015-2019 Deaths and Estimates of Smoking-Attributable Mortality (SAM) for South Region Adults 35 Years of Age and Older

2015-2019 Smoking-Attributable Mortality (SAM) for South Region Adults 35 Years of Age and Older, Total and by Gender

	Total Population 35+	Males 35+	Females 35+
Total Population 35 and Over	233,546	112,471	121,075
Total Number of Deaths	2,955	1,528	1,427
Total Deaths Attributed to Smoking	594	364	229
Percent Deaths Attributed to Smoking	20.1%	23.8%	16.1%

2015-2019 DEATHS DUE TO SMOKING, TOTAL POPULATION 35+



Males:
23.8% of all deaths were attributable to smoking.

Females:
16.1% of all deaths were attributable to smoking.

Total deaths attributed to smoking were calculated using 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 2015-2019 ICD 10 Mortality codes.

Source: California Department of Public Health (CDPH), Center for Health Statistics and Informatics, Vital Records Business Intelligence System (VRBIS), 2015-2019. County of San Diego, Department of the Medical Examiner, 2015-2019. Population Estimates: San Diego Association of Governments (SANDAG), 2019. Prepared by County of San Diego, Health & Human Services Agency, Public Health Services, Community Health Statistics Unit, 04/07/2022.



2015-2019 Deaths and Estimates of Smoking-Attributable Mortality (SAM) for South Region Adults 35 Years of Age and Older

2015-2019 Deaths and Estimates of Smoking-Attributable Mortality (SAM) for South 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	73	0.84	61	58	0.81	47	131	108
Other cancers ^a	C00-C14, C15, C16, C18-21, C22, C25, C32, C53, C64-65, C67, C92.0	174	0.25	44	125	0.13	17	299	61
Total—Cancers		247	0.52	129	183	0.44	80	430	209
Coronary heart disease	I11, I20-I25	271	0.28	77	204	0.19	39	475	116
Other heart disease ^b	I00-I09, I26-I28, I30-I51	97	0.18	17	98	0.13	12	195	30
Cerebrovascular disease ^c	I60-I69	95	0.15	15	106	0.09	9	201	24
Other vascular disease ^d	I70-I74, I76-I78	13	0.41	5	14	0.35	5	27	10
Diabetes mellitus	E10-E14	80	0.18	14	66	0.08	5	146	19
Total—Cardiovascular and metabolic diseases		556	0.24	134	488	0.15	75	1,044	209
Pneumonia, influenza, tuberculosis	J09-J18, A16-A19	33	0.31	10	27	0.16	4	60	14
COPD	J40-J44	61	0.82	50	67	0.76	51	128	101
Total—Pulmonary diseases ^e		94	0.67	63	94	0.57	53	188	117
Total—Cancers, cardiovascular and metabolic diseases, pulmonary diseases		897	0.38	337	765	0.28	211	1,662	548
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	9	0.06	1	7	0.06	0	16	1
Sudden infant death syndrome ^g	R95	<5	0.17	§	<5	0.17	§	<5	§
Total Perinatal Conditions		9	0.08	1	7	0.08	1	16	1
Residential fires	X00-X09	<5	1.00	§	<5	1.00	§	<5	§
Secondhand smoke									
Lung Cancer	C33-C34	73	0.05	4	58	0.04	2	131	6
Coronary heart disease	I11, I20-I25	271	0.09	24	204	0.08	16	475	39
Total—Secondhand smoke		344	0.08	26	262	0.07	18	606	44
TOTAL Attributable Deaths				364			229		594

†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 2015-2019 ICD 10 Mortality codes.

Source: California Department of Public Health (CDPH), Center for Health Statistics and Informatics, Vital Records Business Intelligence System (VRBIS), 2015-2019. County of San Diego, Department of the Medical Examiner, 2015-2019. Prepared by County of San Diego, Health & Human Services Agency, Public Health Services, Community Health Statistics Unit, 04/07/2022.

<5: Death counts less than five are censored.

§ Smoking attributable mortality not calculated for death counts less than five.

Counts <5 and § are only included in the total attributable deaths, unless otherwise stated.

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, emphysema, 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

