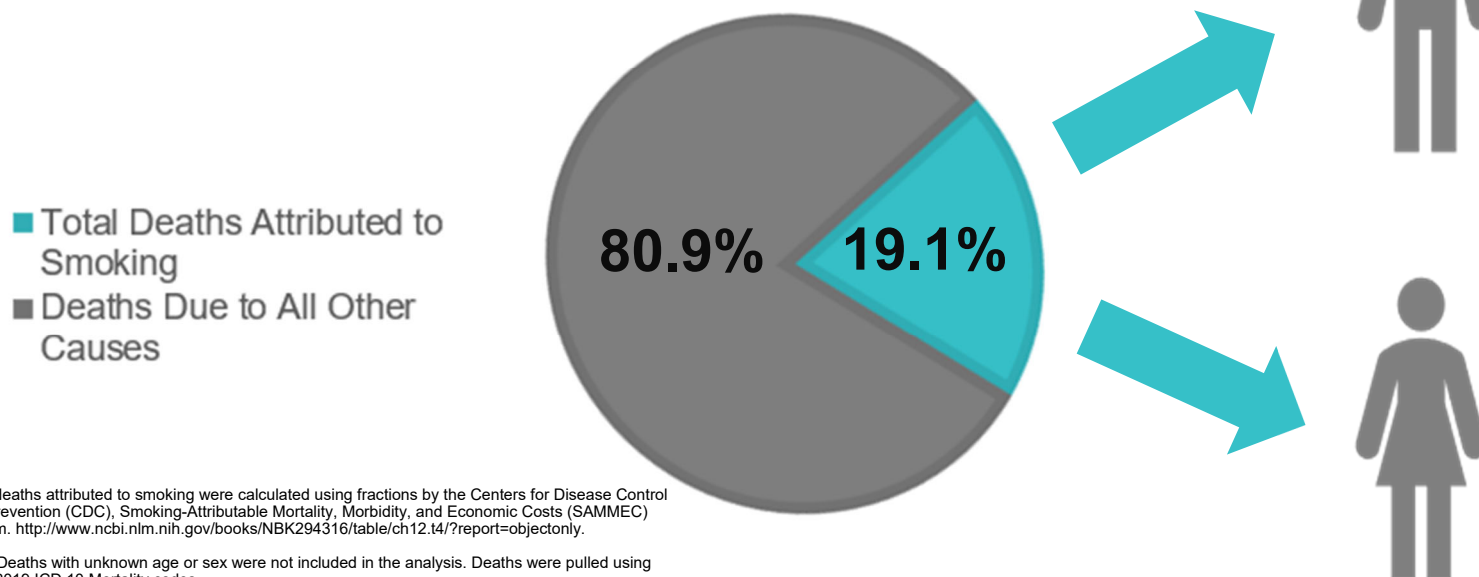


2015-2019 Deaths and Estimates of Smoking-Attributable Mortality (SAM) for San Diego County Adults 35 Years of Age and Older

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

	Total Population 35+	Males 35+	Females 35+
Total Population 35 and Over	1,703,539	825,349	878,190
Total Number of Deaths	20,616	10,440	10,176
Total Deaths Attributed to Smoking	3,946	2,364*	1,582
Percent Deaths Attributed to Smoking	19.1%	22.6%	15.5%

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



Males:
22.6% of all deaths were attributable to smoking.

Females:
15.5% 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.

*Residential fires not included in total attributable deaths.

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 San Diego County Adults 35 Years of Age and Older

2015-2019 Deaths and Estimates of Smoking-Attributable Mortality (SAM) for San Diego County 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	478	0.84	400	453	0.81	366	931	766
Other cancers ^a	C00-C14, C15, C16, C18-21, C22, C25, C32, C53, C64-65, C67, C92.0	1,085	0.25	274	763	0.13	101	1,848	375
Total—Cancers		1,563	0.52	818	1,216	0.44	530	2,779	1,348
Coronary heart disease	I11, I20-I25	1,785	0.28	504	1,288	0.19	249	3,073	753
Other heart disease ^b	I00-I09, I26-I28, I30-I51	731	0.18	129	839	0.13	106	1,570	235
Cerebrovascular disease ^c	I60-I69	578	0.15	88	808	0.09	71	1,386	159
Other vascular disease ^d	I70-I74, I76-I78	102	0.41	42	106	0.35	38	208	80
Diabetes mellitus	E10-E14	421	0.18	74	330	0.08	26	751	100
Total—Cardiovascular and metabolic diseases		3,617	0.24	869	3,371	0.15	519	6,988	1,388
Pneumonia, influenza, tuberculosis	J09-J18, A16-A19	186	0.31	57	185	0.16	29	371	86
COPD	J40-J44	454	0.82	372	523	0.76	396	977	768
Total—Pulmonary diseases^e		640	0.67	429	708	0.57	402	1,348	832
Total—Cancers, cardiovascular and metabolic diseases, pulmonary diseases		5,820	0.38	2,187	5,295	0.28	1,461	11,115	3,648
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	38	0.06	2	30	0.06	2	68	4
Sudden infant death syndrome ^g	R95	7	0.17	1	<5	0.17	§	7	1
Total Perinatal Conditions		45	0.08	4	30	0.08	2	75	6
Residential fires	X00-X09	<5	1.00	§	<5	1.00	§	<5	§
Secondhand smoke									
Lung Cancer	C33-C34	478	0.05	24	453	0.04	19	931	43
Coronary heart disease	I11, I20-I25	1,785	0.09	156	1,288	0.08	98	3,073	255
Total—Secondhand smoke		2,263	0.08	173	1,741	0.07	117	4,004	290
TOTAL Attributable Deaths				2,364*			1,582		3,946

†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.

*Residential fires not included in total attributable deaths.

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

