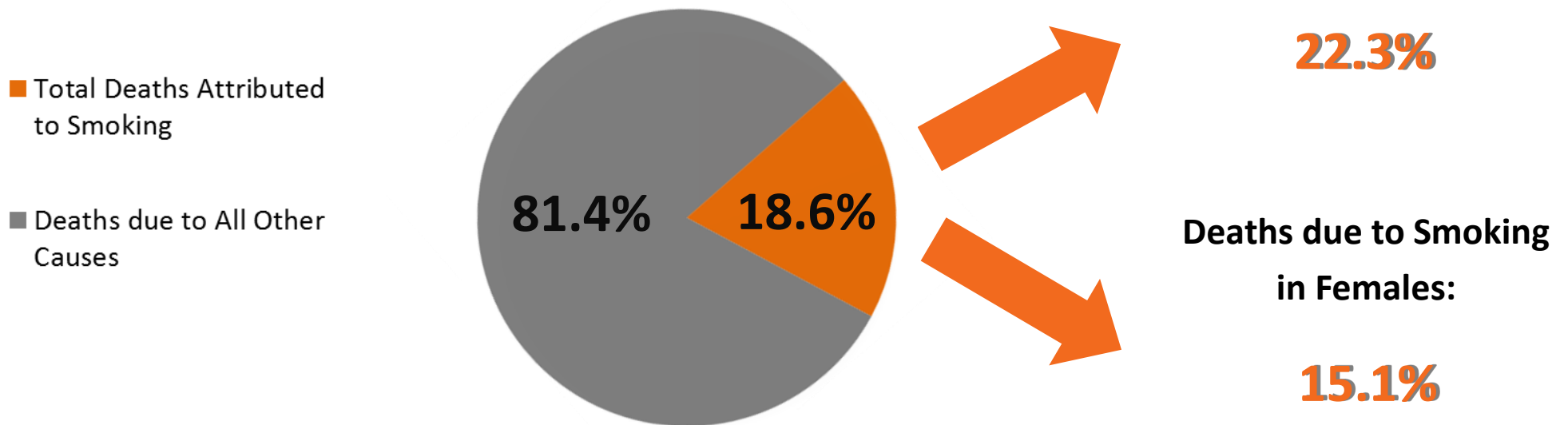


2016 Deaths and Estimates of Smoking-Attributable Mortality (SAM) for North Central Region Adults 35 Years of Age and Older

2016 Smoking-Attributable Mortality (SAM) for North Central Region Adults 35 Years of Age and Older, Total and by Gender

	Total Population 35+	Males 35+	Females 35+
Total Population 35 and Over	331,586	162,284	169,302
Total Number of Deaths	3,387	1,660	1,727
Total Deaths Attributed to Smoking	631	369	261
Percent Deaths Attributed to Smoking	18.6%	22.3%	15.1%

2016 Deaths Due to Smoking, Total Population 35+



2016 Deaths and Estimates of Smoking-Attributable Mortality (SAM) for North Central Region Adults 35 Years of Age and Older

2016 Deaths and Estimates of Smoking-Attributable Mortality (SAM) for North Central 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	78	0.84	65	80	0.81	65	158	130
Other cancers ^a	C00-C14, C15, C16, C18-21, C22, C25, C32, C53, C64-65, C67, C92.0	180	0.25	45	136	0.13	18	316	63
Total—Cancers		258	0.52	135	216	0.44	94	474	229
Coronary heart disease	I11, I20-I25	289	0.28	82	204	0.19	39	493	121
Other heart disease ^b	I00-I09, I26-I28, I30-I51	129	0.18	23	152	0.13	19	281	42
Cerebrovascular disease ^c	I60-I69	86	0.15	13	146	0.09	13	232	26
Other vascular disease ^d	I70-I74, I76-I78	14	0.41	6	19	0.35	7	33	13
Diabetes mellitus	E10-E14	47	0.18	8	35	0.08	3	82	11
Total—Cardiovascular and metabolic diseases		565	0.24	136	556	0.15	86	1,121	221
Pneumonia, influenza, tuberculosis	J09-J18, A16-A19	25	0.31	8	36	0.16	6	61	13
COPD	J40-J44	56	0.82	46	65	0.76	49	121	95
Total—Pulmonary diseases ^e		81	0.67	54	101	0.57	57	182	112
Total—Cancers, cardiovascular and metabolic diseases, pulmonary diseases		904	0.38	340	873	0.28	241	1,777	581
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	6	0.06	0	6	0.06	0	12	1
Sudden infant death syndrome ^g	R95	1	0.17	0	0	0.17	0	1	0
Total Perinatal Conditions		7	0.08	1	6	0.08	0	13	1
Residential fires	X00-X09	1	1.00	1	1	1.00	1	2	2
Secondhand smoke									0
Lung Cancer	C33-C34	78	0.05	4	80	0.04	3	158	7
Coronary heart disease	I11, I20-I25	289	0.09	25	204	0.08	16	493	41
Total—Secondhand smoke		367	0.08	28	284	0.07	19	651	47
TOTAL Attributable Deaths				369			261		631

†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 2016 ICD 10 Mortality codes.

Source: California Department of Public Health (CDPH), Center for Health Statistics and Informatics, Vital Records Business Intelligence System (VRBIS), 2016. Prepared by County of San Diego, Health & Human Services Agency, Public Health Services, Community Health Statistics Unit, 02/14/19.

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, 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