2016 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	241,360	115,202	126,158
Total Number of Deaths	2,916	1,508	1,408
Total Deaths Attributed to Smoking	597	360	237
Percent Deaths Attributed to Smoking	**20.5%**	**23.9%**	**16.8%**

2016 Deaths Due to Smoking, Total Population 35+

■ Total Deaths Attributed to Smoking

■ Deaths due to All Other Causes

79.5% 20.5%

Deaths due to Smoking in Males:
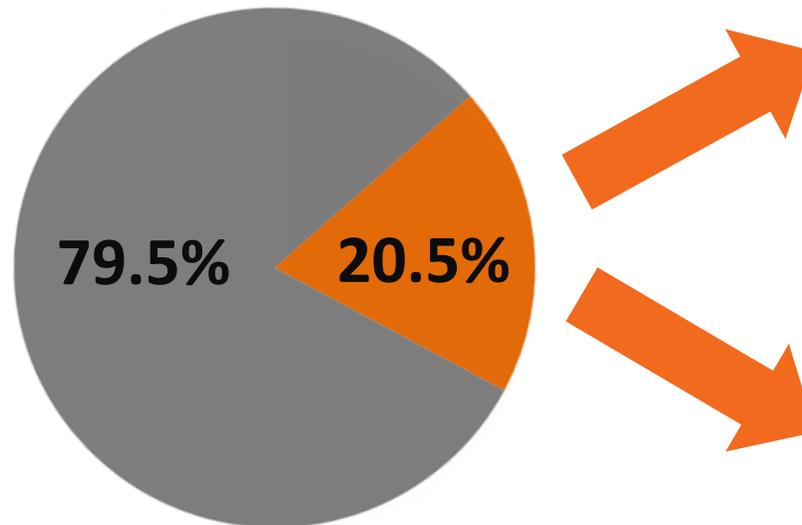
23.9%

Deaths due to Smoking in Females:

16.8%

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

2016 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	71	0.84	59	66	0.81	53	137	113
Other cancers [a]	C00-C14, C15, C16, C18-21, C22, C25, C32, C53, C64-65, C67, C92.0	161	0.25	41	130	0.13	17	291	58
Total—Cancers		232	0.52	121	196	0.44	85	428	207
Coronary heart disease	I11, I20-I25	256	0.28	72	223	0.19	43	479	115
Other heart disease [b]	I00-I09, I26-I28, I30-I51	111	0.18	20	86	0.13	11	197	30
Cerebrovascular disease [c]	I60-I69	107	0.15	16	103	0.09	9	210	25
Other vascular disease [d]	I70-I74, I76-I78	11	0.41	5	9	0.35	3	20	8
Diabetes mellitus	E10-E14	83	0.18	15	64	0.08	5	147	20
Total—Cardiovascular and metabolic diseases		568	0.24	136	485	0.15	75	1,053	211
Pneumonia, influenza, tuberculosis	J09-J18, A16-A19	33	0.31	10	29	0.16	5	62	15
COPD	J40-J44	57	0.82	47	72	0.76	55	129	101
Total—Pulmonary diseases [e]		90	0.67	60	101	0.57	57	191	118
Total—Cancers, cardiovascular and metabolic diseases, pulmonary diseases		890	0.38	334	782	0.28	216	1,672	550
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	7	0.06	0	9	0.06	1	16	1
Sudden infant death syndrome [g]	R95	0	0.17	0	1	0.17	0	1	0
Total Perinatal Conditions		7	0.08	1	9	0.08	1	16	1
Residential fires	X00-X09	0	1.00	0	1	1.00	1	1	1
Secondhand smoke									0
Lung Cancer	C33-C34	71	0.05	4	66	0.04	3	137	6
Coronary heart disease	I11, I20-I25	256	0.09	22	223	0.08	17	479	39
Total—Secondhand smoke		327	0.08	25	289	0.07	19	616	44
TOTAL Attributable Deaths				360			237		597

†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