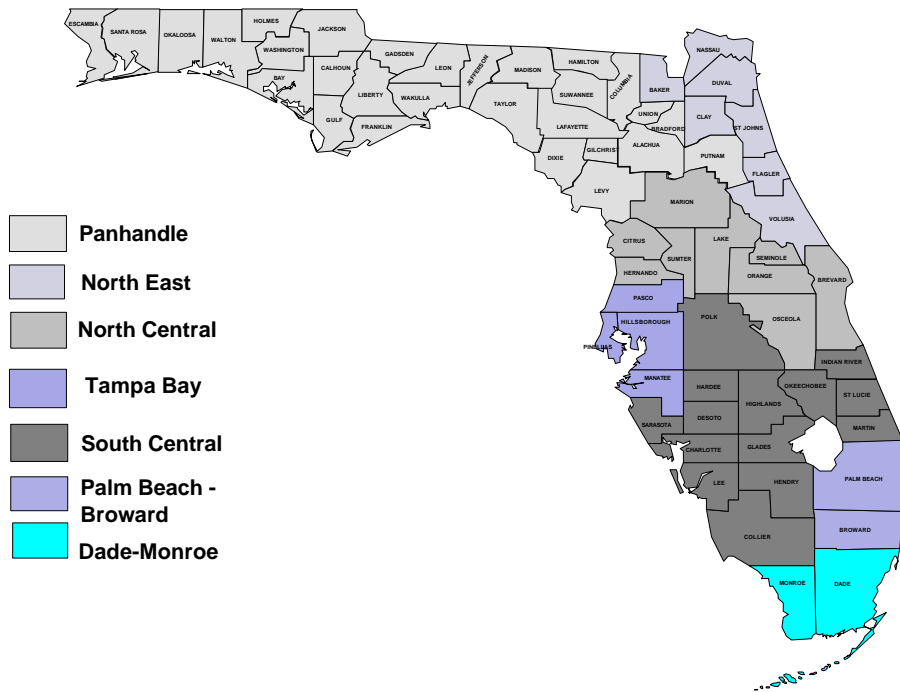


*1997 & 1998*  
*Smoking-Attributable*  
*Mortality Report*



*1999 Epidemiological Series 99-1124*

## Regions, Florida, 1997 & 1998



# *1997 and 1998 Smoking-Attributable Mortality Report*

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*Smoking-Attributable Mortality, by County,  
for Florida Residents, 1997 and 1998*

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Between 1997 and 1998, the percentage of smoking-attributable deaths compared with all deaths by all causes in Florida remained steady. During 1997 an estimated 18.90% of all deaths in Florida were attributable to cigarette smoking, and 18.74% were smoking-attributable in 1998. Using the Smoking-Attributable Mortality, Morbidity and Economic Costs (SAMMEC 3.0) software program, developed by the Centers for Disease Control and Prevention, as a model, Florida's smoking-attributable deaths were determined by analyzing the available smoking and mortality data by county. This county by county analysis required data from several different sources: the 1997 and 1998 Florida population estimates provided by the Executive Office of the Governor, Office of Policy and Budgeting; mortality data from the Office of Vital Statistics; and smoking prevalence calculated from data obtained from the Behavioral Risk Factor Surveillance System.

In 1997, there were 153,830 deaths from all causes. Smoking-attributable mortality accounted for 29,073 (18.90%) of those deaths. Males accounted for 18,228 (62.7%) of smoking-attributable deaths while females accounted for 10,845 (37.3%).

In 1998, there were 157,160 deaths from all causes. Smoking-attributable mortality accounted for 29,450 (18.74%) of those deaths. Males accounted for 18,372 (62.4%) of smoking-attributable deaths while females accounted for 11,078 (37.6%).

Each year, 1997 and 1998, is analyzed separately in the attached summaries and tables. The tables show a breakdown for each year by county distributed by age, sex and cause of death. The information supplied herein can be used for targeting counties for anti-tobacco programs as well as documenting the burden of cigarette smoking to different populations.

The first section of this report will explain the methodology as well as provide further detail on smoking-attributable mortality. Questions regarding this publication and requests for copies may be addressed to the Florida Department of Health, Bin #A-12, 2020 Capital Circle SE, Tallahassee, Florida 32399-1720. The telephone number is (850)245-4401.

## METHODOLOGY

Smoking-Attributable Mortality, Morbidity, and Economic Costs (SAMMEC 3.0) software was developed by the Centers of Disease Control and Prevention, Office on Smoking and Health, to calculate measures of the disease impact of cigarette smoking for the United States and for each individual state. "Disease impact" is a summary expression for the calculation of multiple epidemiologic indicators that describe the magnitude of the health effects of cigarette smoking.

SAMMEC 3.0 was used as a model for the Bureau of Epidemiology staff to create a program to calculate the disease impact measures for each county in Florida. Since SAMMEC 3.0 was designed primarily for use by states; using it for smaller populations such as counties would have been prohibitively labor intensive. For purposes of this report, we used the smoking-attributable fraction calculation, smoking-attributable mortality calculation and Relative Risk Estimates, provided in the SAMMEC 3.0 software, to develop an Access program for calculating the smoking-attributable statistics for each county.

In order to calculate disease impact measures we used the following data:

<b>Smoking Prevalence</b>	Proportion of current and former smokers for persons ages 35 to 64 and 65+.
<b>Number of Deaths</b>	Deaths from specified smoking-related causes by sex and 5 year age category for persons 35 years of age and older.
<b>Population Data</b>	Population data for groups under study.

Smoking prevalence data was gathered from the Behavioral Risk Factor Surveillance System (BRFSS), for the two-year time period from 1997-1998. We did not conduct analyses of county prevalence due to low sample size in some counties but instead grouped the counties into their respective regions following the former HRS District boundaries. For each county we used the prevalence from their region in the following calculations.

The critical calculation taken from SAMMEC 3.0 is the smoking-attributable fraction (SAF) for each smoking-related cause of death. The SAF is the estimated proportion of deaths causally linked to cigarette smoking. Calculation of the SAF requires two measures: disease-specific relative risk estimates and smoking prevalence estimates. The formula for calculating SAFs is

derived from the attributable risk formula.

$$\text{Attributable risk} = \frac{P(RR-1)}{P(RR-1)+1}$$

p = prevalence of risk factor

RR = relative risk of death comparing the exposed to the nonexposed

The relative risk is the ratio of the rates of illness or death for exposed persons compared with those of nonexposed persons. For a smoking-related cause of death, the relative risk is the ratio of the mortality rate for current or former smokers compared with that for never smokers.

$$\text{Relative risk} = \frac{\text{Mortality rate for current or former smokers}}{\text{Mortality rate for never smokers}}$$

Sex-specific relative risks are provided in the SAMMEC software. These numbers were obtained from the American Cancer Society's Cancer Prevention Study II, 1989, and entered into SAMMEC by the CDC Office on Smoking and Health, 1996.

Depending on the population, the SAF may be an overestimation or an underestimation if the population is not comparable to the one from which the relative risks were calculated. It is also possible that the use of prevalence rates may result in an underestimation of smoking-attributable deaths since overall smoking prevalence rates are lower in recent years than in the previous 30 years (United States Department of Health and Human Services, 1989), and the burden of most chronic diseases linked to smoking, such as cancer and chronic obstructive pulmonary disease, reflects decades of higher smoking prevalence.

The following formula provided by SAMMEC is used to calculate the total SAF of mortality by sex for each cause of death for the population under study. This expanded form of the attributable risk formula accounts for different levels of exposure for current smokers and former smokers as indicated by separate prevalence estimates and relative risk estimates.

$$\text{Smoking-attributable fraction} = \frac{[p_0 + p_1(\text{RR1}) + p_2(\text{RR2})] - 1}{[p_0 + p_1(\text{RR1}) + p_2(\text{RR2})]}$$

Where:

p0 = prevalence of never smokers in population under study

p1 = prevalence of current smokers in population under study

p2 = prevalence of former smokers in population under study

RR1 = relative risk of death for current smokers compared with never smokers

RR2 = relative risk of death for former smokers compared with never smokers

The SAFs are multiplied by the number of deaths to determine the smoking-attributable mortality for each five-year age group. Number of deaths for each specified cause of death were supplied by the Office of Vital Statistics Death Records.

$$\text{Smoking-attributable mortality} = [\text{Number of deaths} \times \text{SAF}]$$

If the smoking-attributable fraction associated with lung cancer is .875 and the number of deaths caused by lung cancer for males ages 60-64, is 1,200, then the smoking-attributable mortality for lung cancer in males ages 60-64 is:

$$\text{Smoking-attributable mortality} = (1,200 \times .875) = 1,050$$

To calculate the rates of smoking-attributable deaths per 100,000 population, the total Smoking-attributable deaths per county are divided by the total population per county and multiplied by 100,000.

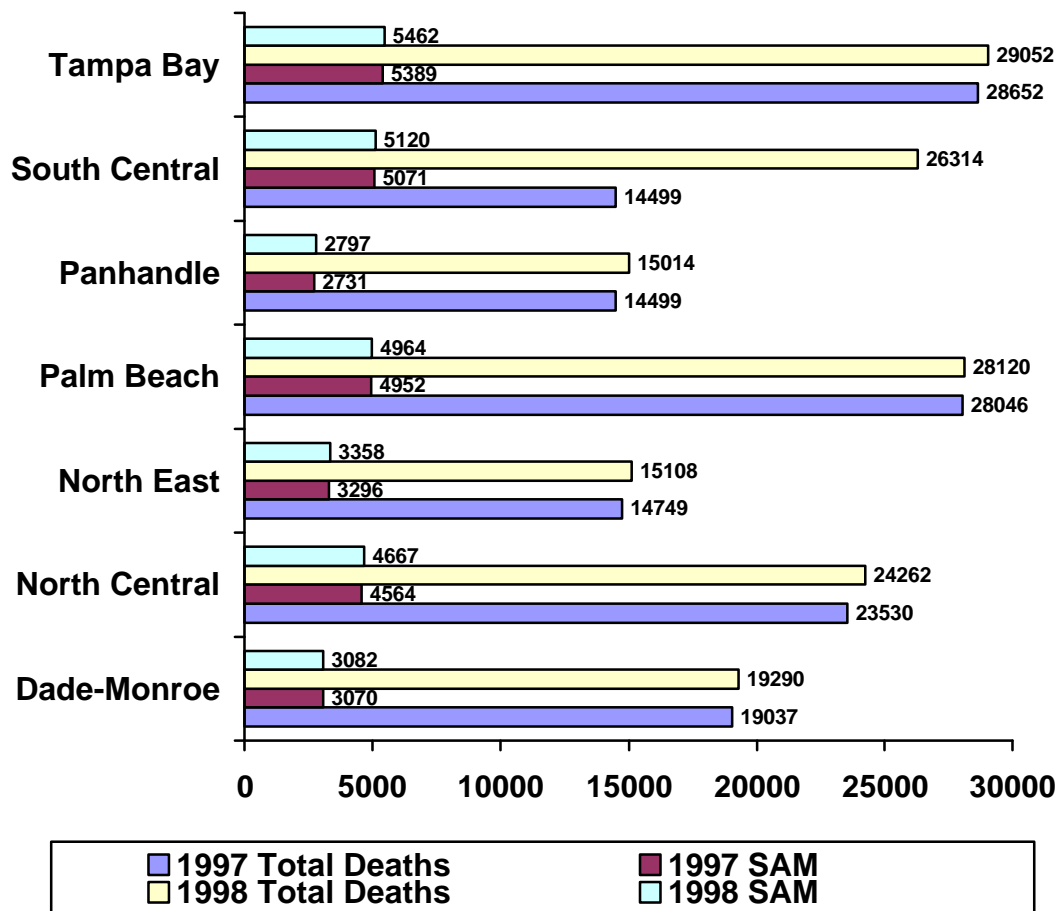
SAMMEC, also, provides a formula for deriving the years of potential life lost (YPLL) per smoking-attributable death. This formula uses the years of potential life remaining (YPLR) data provided in the SAMMEC software as follows:

$$\text{Smoking-attributable YPLL} = [\text{Number of Deaths} \times \text{YPLR} \times \text{SAF}]$$

The YPLR varies by race and gender and the values used in this calculation given in the Appendix on page 53.

## *1997 and 1998 Total Deaths and Smoking-Attributable Mortality (SAM), by Region, Florida*

<i>Region</i>	<i>1997 Total</i>	<i>1997 SAM</i>	<i>1998 Total</i>	<i>1998 SAM</i>
<i>Dade-Monroe</i>	19037	3070	19290	3082
<i>North Central</i>	23530	4564	24262	4667
<i>North East</i>	14749	3296	15108	3358
<i>Palm Beach</i>	28046	4952	28120	4964
<i>Panhandle</i>	14499	2731	15014	2797
<i>South Central</i>	25317	5071	26314	5120
<i>Tampa Bay</i>	28652	5389	29052	5462
<b><i>Grand Total</i></b>	<b><i>153830</i></b>	<b><i>29073</i></b>	<b><i>157160</i></b>	<b><i>29450</i></b>



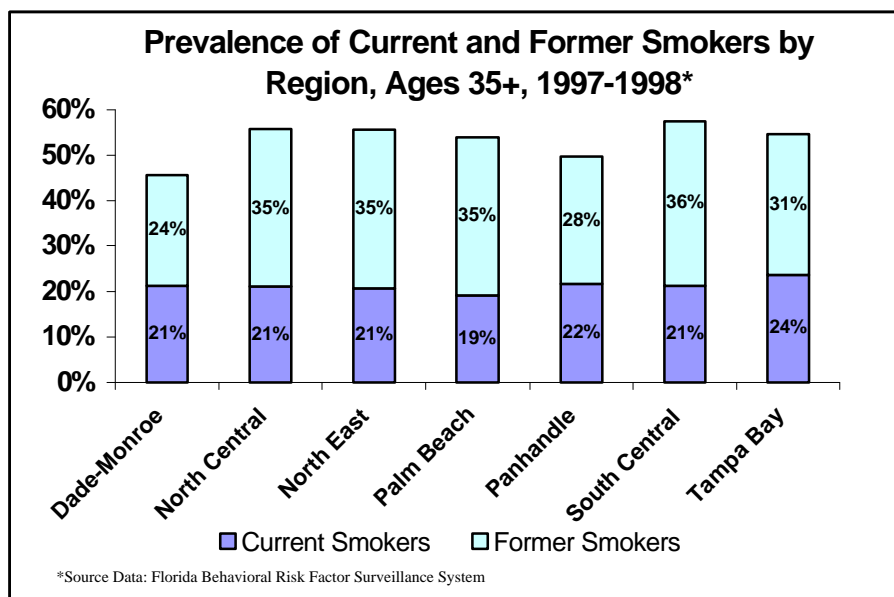
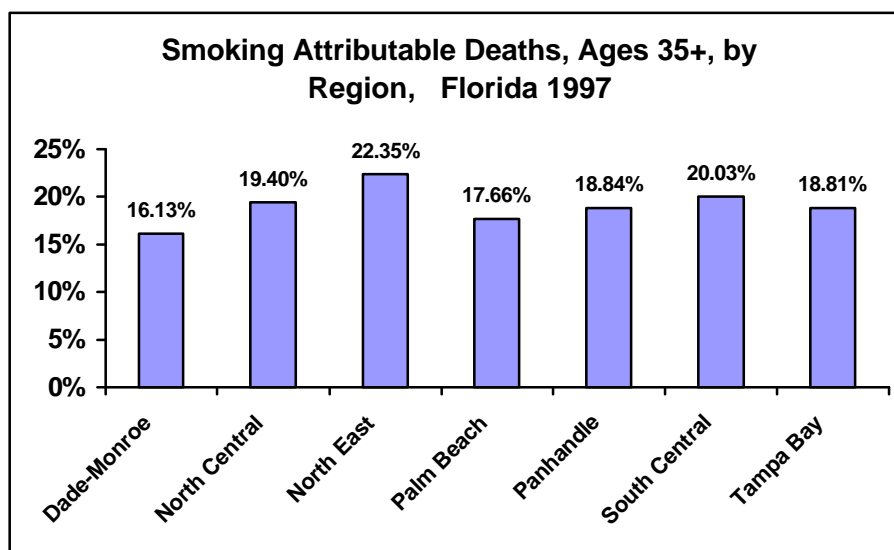
# 1997

## 1997 Summary of Results

- In 1997, smoking-attributable mortality accounted for 29,073 deaths for persons ages 35+ or 18.90% of total deaths.
- Smoking-attributable mortality for males, ages 35+, accounted for 18,228 or 22.95% of total male deaths.
- Smoking-attributable mortality for females, ages 35+, accounted for 10,845 or 14.66% of total female deaths.
- The smoking-attributable rate of deaths per 100,000 population ages 35+ was 355.5.
- Smoking-attributable mortality accounted for 19.57% of all cardiovascular deaths, 69.68% of all cancer deaths and 60.59% of all respiratory deaths statewide.
- The percentage of smoking-attributable mortality as a proportion of total mortality was highest in the North East Region of the state, 22.35%, and lowest in the Dade-Monroe Region, 16.13%.
- Liberty, 27.78%, had the highest percentage of smoking-attributable deaths as a proportion of total deaths, and Hamilton County, 11.11%, had the lowest percentage.
- The county with the highest smoking-attributable rate of deaths per 100,000 population ages 35+ was Highlands (522.8), and the county with the lowest smoking-attributable rate of deaths per 100,000 population ages 35+ was Hamilton (202.7). The second highest smoking-attributable rate of deaths per 100,000 was Volusia County (518.2).
- The percentage of cardiovascular deaths that were attributable to smoking was highest in Baker County, 33.33%, and lowest in Lafayette County, 7.69%.
- The percentage of cancer deaths (neoplasms) that were smoking-attributable was highest in Gilchrist County, 100%, and lowest in Desoto County, 60.61%.
- The percentage of respiratory deaths that were attributable to smoking was highest in Liberty County, 100%, and lowest in Hamilton County, 42.86%.
- The county with the highest number of years of potential life lost per smoking-attributable death is Liberty (17.55). The county with the lowest is Indian River (10.91).
- Years of potential life lost per smoking attributable death were highest in cancer deaths with 14.02 years and lowest in respiratory disease deaths with 10.75 years. Cardiovascular disease smoking-attributable deaths lost 12.47 years.

## *Smoking Attributable Deaths, Ages 35+, by Region, Florida 1997*

<i>Region</i>	<i>Total Number of Deaths</i>	<i>Smoking-Attributable Deaths</i>	<i>Percent</i>
<i>Dade-Monroe</i>	19037	3070	16.13%
<i>North Central</i>	23530	4564	19.40%
<i>North East</i>	14749	3296	22.35%
<i>Palm Beach</i>	28046	4952	17.66%
<i>Panhandle</i>	14499	2731	18.84%
<i>South Central</i>	25317	5071	20.03%
<i>Tampa Bay</i>	28652	5389	18.81%
<b>Grand Total</b>	<b>153830</b>	<b>29073</b>	<b>18.90%</b>



## *Smoking Attributable Deaths, Ages 35+, by County, Florida 1997*

<i>County</i>	<i>Smoking Attributable</i>		
	<i>Total Deaths</i>	<i>Deaths</i>	<i>Percent</i>
Alachua	1522	255	16.75%
Baker	148	35	23.65%
Bay	1289	266	20.64%
Bradford	267	55	20.60%
Brevard	4551	934	20.52%
Broward	15579	2735	17.56%
Calhoun	125	23	18.40%
Charlotte	2019	414	20.51%
Citrus	1816	381	20.98%
Clay	943	206	21.85%
Collier	2036	403	19.79%
Columbia	554	112	20.22%
Dade	18333	2935	16.01%
Desoto	283	53	18.73%
Dixie	134	26	19.40%
Duval	6160	1331	21.61%
Escambia	2591	486	18.76%
Flagler	532	118	22.18%
Franklin	147	27	18.37%
Gadsden	427	62	14.52%
Gilchrist	132	27	20.45%
Glades	100	26	26.00%
Gulf	155	35	22.58%
Hamilton	117	13	11.11%
Hardee	178	36	20.22%
Hendry	234	44	18.80%
Hernando	1865	378	20.27%
Highlands	1243	285	22.93%
Hillsborough	7925	1534	19.36%
Holmes	217	46	21.20%
Indian River	1306	279	21.36%
Jackson	488	86	17.62%
Jefferson	145	25	17.24%
Lafayette	43	9	20.93%
Lake	2492	497	19.94%
Lee	4611	880	19.08%
Leon	1337	204	15.26%
Levy	352	71	20.17%
Liberty	54	15	27.78%
Madison	142	26	18.31%
Manatee	3137	583	18.58%
Marion	2940	573	19.49%
Martin	1483	304	20.50%
Monroe	704	135	19.18%
Nassau	445	102	22.92%
Okaloosa	1147	241	21.01%
Okeechobee	382	83	21.73%
Orange	5835	1069	18.32%
Osceola	1210	219	18.10%
Palm Beach	12467	2217	17.78%

***Smoking Attributable Deaths, Ages 35+, by County,  
Florida 1997 continued***

<b><i>County</i></b>	<b><i>Total Deaths</i></b>	<b><i>Deaths</i></b>	<b><i>Percent</i></b>
Pasco	4983	1028	20.63%
Pinellas	12607	2244	17.80%
Polk	4824	979	20.29%
Putnam	840	171	20.36%
Santa Rosa	755	155	20.53%
Sarasota	4588	893	19.46%
Seminole	2341	423	18.07%
St. Johns	1049	229	21.83%
St. Lucie	2030	392	19.31%
Sumter	480	90	18.75%
Suwannee	404	78	19.31%
Taylor	209	42	20.10%
Union	149	21	14.09%
Volusia	5472	1275	23.30%
Wakulla	130	23	17.69%
Walton	408	87	21.32%
Washington	219	44	20.09%
<b><i>Grand Total</i></b>	<b><i>153830</i></b>	<b><i>29073</i></b>	<b><i>18.90%</i></b>

## *Smoking Attributable Deaths by Selected Cause, Ages 35+, by County, Florida 1997*

<u>Category</u>	<u>County</u>	<u>Total Deaths</u>	<u>Smoking Attributable Deaths</u>	<u>Percent</u>
<b>Cardiovascular Disease</b>				
	Alachua	409	82	20.05%
	Baker	39	13	33.33%
	Bay	373	75	20.11%
	Bradford	92	17	18.48%
	Brevard	1510	272	18.01%
	Broward	5863	1054	17.98%
	Calhoun	30	5	16.67%
	Charlotte	687	129	18.78%
	Citrus	632	114	18.04%
	Clay	290	75	25.86%
	Collier	682	134	19.65%
	Columbia	149	28	18.79%
	Dade	6420	1238	19.28%
	Desoto	90	16	17.78%
	Dixie	43	7	16.28%
	Duval	1923	521	27.09%
	Escambia	805	156	19.38%
	Flagler	155	35	22.58%
	Franklin	41	7	17.07%
	Gadsden	127	26	20.47%
	Gilchrist	36	6	16.67%
	Glades	30	7	23.33%
	Gulf	52	8	15.38%
	Hamilton	38	3	7.89%
	Hardee	57	12	21.05%
	Hendry	69	14	20.29%
	Hernando	603	104	17.25%
	Highlands	469	91	19.40%
	Hillsborough	2628	553	21.04%
	Holmes	66	10	15.15%
	Indian River	432	75	17.36%
	Jackson	189	30	15.87%
	Jefferson	53	8	15.09%
	Lafayette	13	1	7.69%
	Lake	901	160	17.76%
	Lee	1350	265	19.63%
	Leon	391	78	19.95%
	Levy	130	25	19.23%
	Liberty	10	1	10.00%
	Madison	39	5	12.82%
	Manatee	1031	204	19.79%
	Marion	989	188	19.01%
	Martin	506	97	19.17%
	Monroe	175	41	23.43%
	Nassau	131	35	26.72%
	Okaloosa	317	62	19.56%
	Okeechobee	116	20	17.24%
	Orange	1805	342	18.95%
	Osceola	410	77	18.78%
	Palm Beach	4577	821	17.94%
	Pasco	1655	319	9.27%
	Pinellas	4048	776	19.17%

***Smoking Attributable Deaths by Selected Cause, Ages  
35+, by County, Florida 1997 continued***

<u>Category</u>	<u>County</u>	<u>Total Deaths</u>	<u>Smoking Attributable Deaths</u>	<u>Percent</u>
<b>Cardiovascular Disease cont.</b>				
	Polk	1658	335	20.21%
	Putnam	231	40	17.32%
	Santa Rosa	218	45	20.64%
	Sarasota	1686	310	18.39%
	Seminole	755	138	18.28%
	St. Johns	290	81	27.93%
	St. Lucie	638	121	18.97%
	Sumter	175	32	18.29%
	Suwannee	125	22	17.60%
	Taylor	66	13	19.70%
	Union	31	6	19.35%
	Volusia	1992	503	25.25%
	Wakulla	30	6	20.00%
	Walton	117	23	19.66%
	Washington	83	14	16.87%
<b>Sum</b>		<b>51771</b>	<b>10131</b>	<b>19.57%</b>

**Neoplasms**

Alachua	168	116	69.05%
Baker	17	13	76.47%
Bay	173	123	71.10%
Bradford	36	22	61.11%
Brevard	635	446	70.24%
Broward	1629	1089	66.85%
Calhoun	18	11	61.11%
Charlotte	268	186	69.40%
Citrus	233	162	69.53%
Clay	101	74	73.27%
Collier	249	175	70.28%
Columbia	67	45	67.16%
Dade	1450	971	66.97%
Desoto	33	20	60.61%
Dixie	21	13	61.90%
Duval	610	473	77.54%
Escambia	321	226	70.40%
Flagler	80	59	73.75%
Franklin	20	14	70.00%
Gadsden	34	26	76.47%
Gilchrist	12	12	100.00%
Glades	13	11	84.62%
Gulf	25	20	80.00%
Hamilton	10	7	70.00%
Hardee	17	12	70.59%
Hendry	21	15	71.43%
Hernando	223	153	68.61%
Highlands	155	109	70.32%
Hillsborough	868	614	70.74%
Holmes	29	21	72.41%
Indian River	175	128	73.14%
Jackson	48	33	68.75%
Jefferson	17	12	70.59%

***Smoking Attributable Deaths by Selected Cause, Ages  
35+, by County, Florida 1997 continued***

<u>Category</u>	<u>County</u>	<u>Total Deaths</u>	<u>Smoking Attributable Deaths</u>	<u>Percent</u>
<b>Neoplasms cont.</b>				
	Lafayette	5	4	80.00%
	Lake	315	209	66.35%
	Lee	570	405	71.05%
	Leon	102	73	71.57%
	Levy	50	35	70.00%
	Liberty	12	9	75.00%
	Madison	16	12	75.00%
	Manatee	344	241	70.06%
	Marion	361	246	68.14%
	Martin	223	153	68.61%
	Monroe	98	64	65.31%
	Nassau	54	42	77.78%
	Okaloosa	159	120	75.47%
	Okeechobee	47	34	72.34%
	Orange	666	472	70.87%
	Osceola	123	86	69.92%
	Palm Beach	1380	928	67.25%
	Pasco	595	422	70.92%
	Pinellas	1256	867	69.03%
	Polk	586	411	70.14%
	Putnam	115	81	70.43%
	Santa Rosa	110	75	68.18%
	Sarasota	522	350	67.05%
	Seminole	274	184	67.15%
	St. Johns	124	95	76.61%
	St. Lucie	249	181	72.69%
	Sumter	61	43	70.49%
	Suwannee	42	27	64.29%
	Taylor	21	17	80.95%
	Union	17	11	64.71%
	Volusia	618	460	74.43%
	Wakulla	19	13	68.42%
	Walton	50	36	72.00%
	Washington	27	20	74.07%
<b>Sum</b>		<b>16987</b>	<b>11837</b>	<b>69.68%</b>

**Respiratory Diseases**

Alachua	105	57	54.29%
Baker	12	9	75.00%
Bay	114	68	59.65%
Bradford	26	16	61.54%
Brevard	346	216	62.43%
Broward	960	592	61.67%
Calhoun	9	7	77.78%
Charlotte	201	99	49.25%
Citrus	167	105	62.87%
Clay	87	57	65.52%
Collier	141	94	66.67%
Columbia	61	39	63.93%
Dade	1366	726	53.15%
Desoto	30	17	56.67%

*Smoking Attributable Deaths by Selected Cause, Ages  
35+, by County, Florida 1997 continued*

<u>Category</u>	<u>County</u>	<u>Total Deaths</u>	<u>Smoking Attributable Deaths</u>	<u>Percent</u>
<b>Respiratory Diseases cont.</b>				
	Dixie	9	6	66.67%
	Duval	520	337	64.81%
	Escambia	186	104	55.91%
	Flagler	34	24	70.59%
	Franklin	10	6	60.00%
	Gadsden	21	10	47.62%
	Gilchrist	16	9	56.25%
	Glades	13	8	61.54%
	Gulf	13	7	53.85%
	Hamilton	7	3	42.86%
	Hardee	19	12	63.16%
	Hendry	24	15	62.50%
	Hernando	181	121	66.85%
	Highlands	134	85	63.43%
	Hillsborough	579	367	63.39%
	Holmes	25	15	60.00%
	Indian River	124	76	61.29%
	Jackson	35	23	65.71%
	Jefferson	9	5	55.56%
	Lafayette	6	4	66.67%
	Lake	206	128	62.14%
	Lee	334	210	62.87%
	Leon	95	53	55.79%
	Levy	22	11	50.00%
	Liberty	5	5	100.00%
	Madison	15	9	60.00%
	Manatee	213	138	64.79%
	Marion	218	139	63.76%
	Martin	88	54	61.36%
	Monroe	57	30	52.63%
	Nassau	35	25	71.43%
	Okaloosa	101	59	58.42%
	Okeechobee	50	29	58.00%
	Orange	437	255	58.35%
	Osceola	93	56	60.22%
	Palm Beach	769	468	60.86%
	Pasco	473	287	60.68%
	Pinellas	962	601	62.47%
	Polk	392	233	59.44%
	Putnam	77	50	64.94%
	Santa Rosa	61	35	57.38%
	Sarasota	368	233	63.32%
	Seminole	194	101	52.06%
	St. Johns	85	53	62.35%
	St. Lucie	138	90	65.22%
	Sumter	27	15	55.56%
	Suwannee	40	29	72.50%
	Taylor	21	12	57.14%
	Union	7	4	57.14%
	Volusia	484	312	64.46%
	Wakulla	7	4	57.14%
	Walton	44	28	63.64%
	Washington	18	10	55.56%
<b>Sum</b>		<b>11726</b>	<b>7105</b>	<b>60.59%</b>

## *Smoking Attributable Deaths by Gender, Ages 35+, by County, Florida 1997*

<u>Gender</u>	<u>County</u>	<u>Total Deaths</u>	<u>Smoking Attributable Deaths</u>	<u>Percent</u>
<b>Female</b>	Alachua	742	95	12.80%
	Baker	66	6	9.09%
	Bay	618	94	15.21%
	Bradford	124	19	15.32%
	Brevard	2114	346	16.37%
	Broward	7695	1204	15.65%
	Calhoun	64	7	10.94%
	Charlotte	906	138	15.23%
	Citrus	798	126	15.79%
	Clay	450	74	16.44%
	Collier	862	138	16.01%
	Columbia	276	42	15.22%
	Dade	9106	917	10.07%
	Desoto	130	19	14.62%
	Dixie	55	6	10.91%
	Duval	3061	460	15.03%
	Escambia	1266	181	14.30%
	Flagler	250	43	17.20%
	Franklin	70	7	10.00%
	Gadsden	191	17	8.90%
	Gilchrist	58	8	13.79%
	Glades	33	7	21.21%
	Gulf	69	9	13.04%
	Hamilton	66	5	7.58%
	Hardee	87	17	19.54%
	Hendry	108	17	15.74%
	Hernando	879	139	15.81%
	Highlands	545	91	16.70%
	Hillsborough	3804	591	15.54%
	Holmes	114	16	14.04%
	Indian River	602	98	16.28%
	Jackson	246	27	10.98%
	Jefferson	74	12	16.22%
	Lafayette	22	2	9.09%
	Lake	1153	175	15.18%
Lee	2093	317	15.15%	
Leon	694	76	10.95%	
Levy	166	26	15.66%	
Liberty	30	4	13.33%	
Madison	63	10	15.87%	
Manatee	1528	221	14.46%	
Marion	1260	202	16.03%	
Martin	685	107	15.62%	
Monroe	299	36	12.04%	
Nassau	211	33	15.64%	
Okaloosa	555	85	15.32%	
Okeechobee	167	31	18.56%	
Orange	2895	430	14.85%	
Osceola	564	80	14.18%	
Palm Beach	6084	968	15.91%	
Pasco	2290	392	17.12%	
Pinellas	6501	903	13.89%	
Polk	2253	350	15.53%	

***Smoking Attributable Deaths by Gender, Ages 35+, by  
County, Florida 1997 continued***

<u>Gender</u>	<u>County</u>	<u>Total Deaths</u>	<u>Smoking Attributable Deaths</u>	<u>Percent</u>
<b>Female cont.</b>				
	Putnam	399	65	16.29%
	Santa Rosa	356	51	14.33%
	Sarasota	2261	366	16.19%
	Seminole	1148	161	14.02%
	St. Johns	483	82	16.98%
	St. Lucie	917	131	14.29%
	Sumter	210	24	11.43%
	Suwannee	208	26	12.50%
	Taylor	91	12	13.19%
	Union	32	5	15.63%
	Volusia	2636	450	17.07%
	Wakulla	58	7	12.07%
	Walton	178	29	16.29%
	Washington	92	12	13.04%
<b>Sum</b>		<b>74111</b>	<b>10845</b>	<b>14.63%</b>
<b>Male</b>				
	Alachua	780	160	20.51%
	Baker	82	29	35.37%
	Bay	671	172	25.63%
	Bradford	143	36	25.17%
	Brevard	2437	588	24.13%
	Broward	7883	1531	19.42%
	Calhoun	61	16	26.23%
	Charlotte	1113	276	24.80%
	Citrus	1018	255	25.05%
	Clay	493	132	26.77%
	Collier	1173	265	22.59%
	Columbia	278	70	25.18%
	Dade	9226	2018	21.87%
	Desoto	153	34	22.22%
	Dixie	79	20	25.32%
	Duval	3098	871	28.11%
	Escambia	1325	305	23.02%
	Flagler	282	75	26.60%
	Franklin	77	20	25.97%
	Gadsden	236	45	19.07%
	Gilchrist	74	19	25.68%
	Glades	67	19	28.36%
	Gulf	86	26	30.23%
	Hamilton	51	8	15.69%
	Hardee	91	19	20.88%
	Hendry	126	27	21.43%
	Hernando	986	239	24.24%
	Highlands	697	194	27.83%
	Hillsborough	4121	943	22.88%
	Holmes	103	30	29.13%
	Indian River	704	181	25.71%
	Jackson	242	59	24.38%
	Jefferson	71	13	18.31%
	Lafayette	21	7	33.33%

*Smoking Attributable Deaths by Gender, Ages 35+, by  
County, Florida 1997 continued*

<u>Gender</u>	<u>County</u>	<u>Total Deaths</u>	<u>Smoking Attributable Deaths</u>	<u>Percent</u>
<b>Male cont.</b>				
	Lake	1339	322	24.05%
	Lee	2518	563	22.36%
	Leon	642	128	19.94%
	Levy	186	45	24.19%
	Liberty	24	11	45.83%
	Madison	79	16	20.25%
	Manatee	1609	362	22.50%
	Marion	1680	371	22.08%
	Martin	798	197	24.69%
	Monroe	404	99	24.50%
	Nassau	234	69	29.49%
	Okaloosa	592	156	26.35%
	Okeechobee	215	52	24.19%
	Orange	2940	639	21.73%
	Osceola	646	139	21.52%
	Palm Beach	6383	1249	19.57%
	Pasco	2693	636	23.62%
	Pinellas	6105	1341	21.97%
	Polk	2571	629	24.47%
	Putnam	441	106	24.04%
	Santa Rosa	399	104	26.07%
	Sarasota	2327	527	22.65%
	Seminole	1192	262	21.98%
	St. Johns	566	147	25.97%
	St. Lucie	1113	261	23.45%
	Sumter	270	66	24.44%
	Suwannee	196	52	26.53%
	Taylor	118	30	25.42%
	Union	117	16	13.68%
	Volusia	2836	825	29.09%
	Wakulla	72	16	22.22%
	Walton	230	58	25.22%
	Washington	127	32	25.20%
<b>Sum</b>		<b>79710</b>	<b>18228</b>	<b>22.87%</b>

***Total Number and Percent, and Rate per 100,000 of Smoking Attributable Deaths, Ages 35+, by County, Florida 1997***

<b><i>County</i></b>	<b><i>Total Deaths</i></b>	<b><i>Smoking Attributable Deaths</i></b>	<b><i>Percent</i></b>	<b><i>Population Ages 35+</i></b>	<b><i>Smoking Attributable Deaths per 100,000</i></b>
Alachua	1522	255	16.75%	82976	307.3
Baker	148	35	23.65%	9492	368.7
Bay	1289	266	20.64%	74355	357.7
Bradford	267	55	20.60%	12704	432.9
Brevard	4551	934	20.52%	260440	358.6
Broward	15579	2735	17.56%	818348	334.2
Calhoun	125	23	18.40%	6648	346.0
Charlotte	2019	414	20.51%	91184	454.0
Citrus	1816	381	20.98%	77277	493.0
Clay	943	206	21.85%	63463	324.6
Collier	2036	403	19.79%	124537	323.6
Columbia	554	112	20.22%	27239	411.2
Dade	18333	2935	16.01%	1054948	278.2
Desoto	283	53	18.73%	14870	356.4
Dixie	134	26	19.40%	7264	357.9
Duval	6160	1331	21.61%	348483	381.9
Escambia	2591	486	18.76%	140586	345.7
Flagler	532	118	22.18%	28192	418.6
Franklin	147	27	18.37%	6597	409.3
Gadsden	427	62	14.52%	23408	264.9
Gilchrist	132	27	20.45%	6144	439.5
Glades	100	26	26.00%	5593	464.9
Gulf	155	35	22.58%	7425	471.4
Hamilton	117	13	11.11%	6415	202.7
Hardee	178	36	20.22%	10608	339.4
Hendry	234	44	18.80%	13147	334.7
Hernando	1865	378	20.27%	82933	455.8
Highlands	1243	285	22.93%	54518	522.8
Hillsborough	7925	1534	19.36%	472612	324.6
Holmes	217	46	21.20%	9290	495.2
Indian River	1306	279	21.36%	66830	417.5
Jackson	488	86	17.62%	25002	344.0
Jefferson	145	25	17.24%	7205	347.0
Lafayette	43	9	20.93%	3252	276.8
Lake	2492	497	19.94%	123314	403.0
Lee	4611	880	19.08%	248174	354.6
Leon	1337	204	15.26%	95333	214.0

**Total Number and Percent, and Rate per 100,000 of Smoking Attributable  
Deaths, Ages 35+, by County, Florida 1997 continued**

<i>County</i>	<i>Smoking Attributable</i>			<i>Population Ages 35+</i>	<i>Smoking Attributable Deaths per 100,000</i>
	<i>Total Deaths</i>	<i>Deaths</i>	<i>Percent</i>		
Levy	352	71	20.17%	18667	380.4
Liberty	54	15	27.78%	3814	393.3
Madison	142	26	18.31%	8930	291.2
Manatee	3137	583	18.58%	152541	382.2
Marion	2940	573	19.49%	145396	394.1
Martin	1483	304	20.50%	75592	402.2
Monroe	704	135	19.18%	50891	265.3
Nassau	445	102	22.92%	27299	373.6
Okaloosa	1147	241	21.01%	81917	294.2
Okeechobee	382	83	21.73%	18645	445.2
Orange	5835	1069	18.32%	378155	282.7
Osceola	1210	219	18.10%	74754	293.0
Palm Beach	12467	2217	17.78%	608838	364.1
Pasco	4983	1028	20.63%	208977	491.9
Pinellas	12607	2244	17.80%	558931	401.5
Polk	4824	979	20.29%	256941	381.0
Putnam	840	171	20.36%	39514	432.8
Santa Rosa	755	155	20.53%	51490	301.0
Sarasota	4588	893	19.46%	216806	411.9
Seminole	2341	423	18.07%	173359	244.0
St. Johns	1049	229	21.83%	61822	370.4
St. Lucie	2030	392	19.31%	105315	372.2
Sumter	480	90	18.75%	26400	340.9
Suwannee	404	78	19.31%	18608	419.2
Taylor	209	42	20.10%	9453	444.3
Union	149	21	14.09%	6312	332.7
Volusia	5472	1275	23.30%	246065	518.2
Wakulla	130	23	17.69%	9928	231.7
Walton	408	87	21.32%	21180	410.8
Washington	219	44	20.09%	10651	413.1
<b>Grand Total</b>	<b>153830</b>	<b>29073</b>	<b>18.90%</b>	<b>8177997</b>	<b>355.5</b>

## *Smoking-Attributable Years of Potential Life Lost, by County, Florida 1997*

<i>County</i>	<i>Smoking-Attributable Deaths</i>	<i>Smoking-Attributable Years of Potential Life Lost</i>	<i>Years of Potential Life Lost per Smoking-Attributable Death</i>
Alachua	255	3461.60	13.57
Baker	35	573.05	16.37
Bay	266	4021.81	15.12
Bradford	55	755.84	13.74
Brevard	934	12285.66	13.15
Broward	2735	32008.07	11.70
Calhoun	23	362.88	15.78
Charlotte	414	4650.10	11.23
Citrus	381	4397.85	11.54
Clay	206	2870.88	13.94
Collier	403	4789.18	11.88
Columbia	112	1532.54	13.68
Dade	2935	36041.17	12.28
Desoto	53	765.44	14.44
Dixie	26	432.63	16.64
Duval	1331	19646.53	14.76
Escambia	486	6914.21	14.23
Flagler	118	1616.52	13.70
Franklin	27	405.56	15.02
Gadsden	62	936.66	15.11
Gilchrist	27	385.44	14.28
Glades	26	361.74	13.91
Gulf	35	516.73	14.76
Hamilton	13	191.27	14.71
Hardee	36	544.38	15.12
Hendry	44	566.10	12.87
Hernando	378	4415.90	11.68
Highlands	285	3233.54	11.35
Hillsborough	1534	20952.00	13.66
Holmes	46	623.02	13.54
Indian River	279	3044.78	10.91
Jackson	86	1185.98	13.79
Jefferson	25	389.29	15.57
Lafayette	9	120.65	13.41
Lake	497	6207.81	12.49
Lee	880	10825.41	12.30
Leon	204	2968.76	14.55
Levy	71	955.39	13.46
Liberty	15	263.26	17.55
Madison	26	415.54	15.98
Manatee	583	7297.66	12.52
Marion	573	7360.11	12.84
Martin	304	3685.14	12.12
Monroe	135	1911.27	14.16
Nassau	102	1583.88	15.53
Okaloosa	241	3303.91	13.71
Okeechobee	83	1172.33	14.12
Orange	1069	15059.77	14.09
Osceola	219	3026.65	13.82

***Smoking-Attributable Years of Potential Life Lost,  
by County, Florida 1997 continued***

<b><i>County</i></b>	<b><i>Smoking-Attributable Deaths</i></b>	<b><i>Smoking-Attributable Years of Potential Life Lost</i></b>	<b><i>Years of Potential Life Lost per Smoking-Attributable Death</i></b>
Palm Beach	2217	25481.37	11.49
Pasco	1028	12234.01	11.90
Pinellas	2244	26472.33	11.80
Polk	979	13055.72	13.34
Putnam	171	2392.57	13.99
Santa Rosa	155	2248.53	14.51
Sarasota	893	10015.63	11.22
Seminole	423	5661.43	13.38
St. Johns	229	3157.51	13.79
St. Lucie	392	4871.04	12.43
Sumter	90	1273.10	14.15
Suwannee	78	1035.36	13.27
Taylor	42	598.52	14.25
Union	21	472.08	22.48
Volusia	1275	16358.16	12.83
Wakulla	23	351.36	15.28
Walton	87	1287.91	14.80
Washington	44	612.24	13.91
<b><i>Total</i></b>	<b>29073</b>	<b>368614.73</b>	<b>12.68</b>

## *Smoking-Attributable Years of Potential Life Lost, by Cause, Florida 1997*

<i>Category</i>	<i>County</i>	<i>Smoking-Attributable Deaths</i>	<i>Smoking-Attributable Years of Potential Life Lost</i>	<i>Years of Potential Life Lost per Smoking-Attributable Death</i>
<b>Cardiovascular Disease</b>				
	Alachua	82	1141.34	13.92
	Baker	13	256.20	19.71
	Bay	75	1182.77	15.77
	Bradford	17	246.39	14.49
	Brevard	272	3417.73	12.57
	Broward	1054	11513.91	10.92
	Calhoun	5	86.31	17.26
	Charlotte	129	1317.33	10.21
	Citrus	114	1291.05	11.32
	Clay	75	1149.31	15.32
	Collier	134	1427.60	10.65
	Columbia	28	381.45	13.62
	Dade	1238	15078.91	12.18
	Desoto	16	281.96	17.62
	Dixie	7	100.01	14.29
	Duval	521	7908.62	15.18
	Escambia	156	2287.24	14.66
	Flagler	35	487.28	13.92
	Franklin	7	89.45	12.78
	Gadsden	26	441.43	16.98
	Gilchrist	6	93.63	15.61
	Glades	7	108.86	15.55
	Gulf	8	150.61	18.83
	Hamilton	3	75.16	25.05
	Hardee	12	176.26	14.69
	Hendry	14	195.03	13.93
	Hernando	104	1270.97	12.22
	Highlands	91	997.89	10.97
	Hillsborough	553	7804.53	14.11
	Holmes	10	136.13	13.61
	Indian River	75	745.21	9.94
	Jackson	30	424.46	14.15
	Jefferson	8	126.29	15.79
	Lafayette	1	42.23	42.23
	Lake	160	1939.12	12.12
	Lee	265	3048.93	11.51
	Leon	78	1200.31	15.39
	Levy	25	339.26	13.57
	Liberty	1	26.27	26.27
	Madison	5	116.88	23.38
	Manatee	204	2490.97	12.21
	Marion	188	2530.11	13.46
	Martin	97	1079.03	11.12
	Monroe	41	581.74	14.19
	Nassau	35	624.05	17.83
	Okaloosa	62	916.11	14.78
	Okeechobee	20	307.97	15.40
	Orange	342	4846.31	14.17
	Osceola	77	1111.19	14.43
	Palm Beach	821	8661.01	10.55
	Pasco	319	3644.44	11.42

***Smoking-Attributable Years of Potential Life Lost, by  
Cause, Florida 1997 continued***

<u>Category</u>	<u>County</u>	<u>Smoking-Attributable Deaths</u>	<u>Smoking-Attributable Years of Potential Life Lost</u>	<u>Years of Potential Life Lost per Smoking-Attributable Death</u>
<b>Cardiovascular Disease cont.</b>				
	Pinellas	776	8966.93	11.56
	Polk	335	4373.79	13.06
	Putnam	40	541.94	13.55
	Santa Rosa	45	681.31	15.14
	Sarasota	310	3215.25	10.37
	Seminole	138	1729.76	12.53
	St. Johns	81	1118.91	13.81
	St. Lucie	121	1515.62	12.53
	Sumter	32	525.72	16.43
	Suwannee	22	265.07	12.05
	Taylor	13	208.01	16.00
	Union	6	128.41	21.40
	Volusia	503	6505.86	12.93
	Wakulla	6	78.40	13.07
	Walton	23	361.07	15.70
	Washington	14	186.62	13.33
<b>Sum</b>		<b>10131</b>	<b>126299.93</b>	<b>12.47</b>
<b>Neoplasms</b>				
	Alachua	116	1635.46	14.10
	Baker	13	216.95	16.69
	Bay	123	2037.43	16.56
	Bradford	22	321.03	14.59
	Brevard	446	6394.66	14.34
	Broward	1089	14512.50	13.33
	Calhoun	11	200.78	18.25
	Charlotte	186	2419.86	13.01
	Citrus	162	2030.03	12.53
	Clay	74	1096.92	14.82
	Collier	175	2354.35	13.45
	Columbia	45	648.34	14.41
	Dade	971	13824.02	14.24
	Desoto	20	272.85	13.64
	Dixie	13	268.94	20.69
	Duval	473	7348.37	15.54
	Escambia	226	3430.52	15.18
	Flagler	59	904.32	15.33
	Franklin	14	250.04	17.86
	Gadsden	26	385.66	14.83
	Gilchrist	12	177.66	14.81
	Glades	11	155.75	14.16
	Gulf	20	281.68	14.08
	Hamilton	7	90.88	12.98
	Hardee	12	213.28	17.77
	Hendry	15	219.60	14.64
	Hernando	153	1926.51	12.59
	Highlands	109	1417.94	13.01
	Hillsborough	614	9169.31	14.93
	Holmes	21	296.05	14.10
	Indian River	128	1580.87	12.35

***Smoking-Attributable Years of Potential Life Lost, by  
Cause, Florida 1997 continued***

<u>Category</u>	<u>County</u>	<u>Smoking-Attributable Deaths</u>	<u>Smoking-Attributable Years of Potential Life Lost</u>	<u>Years of Potential Life Lost per Smoking-Attributable Death</u>
<b>Neoplasms cont.</b>				
	Jackson	33	518.02	15.70
	Jefferson	12	214.45	17.87
	Lafayette	4	43.18	10.80
	Lake	209	2887.02	13.81
	Lee	405	5547.49	13.70
	Leon	73	1137.55	15.58
	Levy	35	474.15	13.55
	Liberty	9	192.05	21.34
	Madison	12	181.17	15.10
	Manatee	241	3319.37	13.77
	Marion	246	3355.00	13.64
	Martin	153	2048.63	13.39
	Monroe	64	992.90	15.51
	Nassau	42	669.33	15.94
	Okaloosa	120	1729.82	14.42
	Okeechobee	34	559.82	16.47
	Orange	472	7117.98	15.08
	Osceola	86	1281.87	14.91
	Palm Beach	928	12036.67	12.97
	Pasco	422	5635.49	13.35
	Pinellas	867	11351.47	13.09
	Polk	411	6010.08	14.62
	Putnam	81	1219.95	15.06
	Santa Rosa	75	1138.72	15.18
	Sarasota	350	4544.08	12.98
	Seminole	184	2745.61	14.92
	St. Johns	95	1442.65	15.19
	St. Lucie	181	2415.00	13.34
	Sumter	43	573.66	13.34
	Suwannee	27	423.15	15.67
	Taylor	17	235.68	13.86
	Union	11	279.47	25.41
	Volusia	460	6478.59	14.08
	Wakulla	13	222.48	17.11
	Walton	36	541.89	15.05
	Washington	20	294.84	14.74
<b>Sum</b>		<b>11837</b>	<b>165941.81</b>	<b>14.02</b>
<b>Respiratory Diseases</b>				
	Alachua	57	684.81	12.01
	Baker	9	99.90	11.10
	Bay	68	801.61	11.79
	Bradford	16	188.42	11.78
	Brevard	216	2473.27	11.45
	Broward	592	5981.65	10.10
	Calhoun	7	75.79	10.83
	Charlotte	99	912.91	9.22
	Citrus	105	1076.77	10.25
	Clay	57	624.65	10.96
	Collier	94	1007.24	10.72

***Smoking-Attributable Years of Potential Life Lost, by  
Cause, Florida 1997 continued***

<u>Category</u>	<u>County</u>	<u>Smoking-Attributable Deaths</u>	<u>Smoking-Attributable Years of Potential Life Lost</u>	<u>Years of Potential Life Lost per Smoking-Attributable Death</u>
<b>Respiratory Diseases cont.</b>				
	Columbia	39	502.75	12.89
	Dade	726	7138.24	9.83
	Desoto	17	210.63	12.39
	Dixie	6	63.68	10.61
	Duval	337	4389.53	13.03
	Escambia	104	1196.45	11.50
	Flagler	24	224.92	9.37
	Franklin	6	66.07	11.01
	Gadsden	10	109.57	10.96
	Gilchrist	9	114.15	12.68
	Glades	8	97.13	12.14
	Gulf	7	84.43	12.06
	Hamilton	3	25.23	8.41
	Hardee	12	154.85	12.90
	Hendry	15	151.46	10.10
	Hernando	121	1218.43	10.07
	Highlands	85	817.70	9.62
	Hillsborough	367	3978.16	10.84
	Holmes	15	190.85	12.72
	Indian River	76	718.70	9.46
	Jackson	23	243.50	10.59
	Jefferson	5	48.55	9.71
	Lafayette	4	35.23	8.81
	Lake	128	1381.68	10.79
	Lee	210	2228.99	10.61
	Leon	53	630.90	11.90
	Levy	11	141.99	12.91
	Liberty	5	44.94	8.99
	Madison	9	117.49	13.05
	Manatee	138	1487.33	10.78
	Marion	139	1475.01	10.61
	Martin	54	557.47	10.32
	Monroe	30	336.63	11.22
	Nassau	25	290.50	11.62
	Okaloosa	59	657.97	11.15
	Okeechobee	29	304.54	10.50
	Orange	255	3095.47	12.14
	Osceola	56	633.59	11.31
	Palm Beach	468	4783.70	10.22
	Pasco	287	2954.08	10.29
	Pinellas	601	6153.93	10.24
	Polk	233	2671.85	11.47
	Putnam	50	630.67	12.61
	Santa Rosa	35	428.50	12.24
	Sarasota	233	2256.30	9.68
	Seminole	101	1186.06	11.74
	St. Johns	53	595.94	11.24
	St. Lucie	90	940.42	10.45
	Sumter	15	173.71	11.58
	Suwannee	29	347.14	11.97
	Taylor	12	154.83	12.90

***Smoking-Attributable Years of Potential Life Lost, by  
Cause, Florida 1997 continued***

<u>Category</u>	<u>County</u>	<u>Smoking-Attributable Deaths</u>	<u>Smoking-Attributable Years of Potential Life Lost</u>	<u>Years of Potential Life Lost per Smoking-Attributable Death</u>
<b>Respiratory Diseases cont.</b>				
	Union	4	64.21	16.05
	Volusia	312	3373.72	10.81
	Wakulla	4	50.48	12.62
	Walton	28	384.95	13.75
	Washington	10	130.78	13.08
<b>Sum</b>		7105	76372.99	10.75

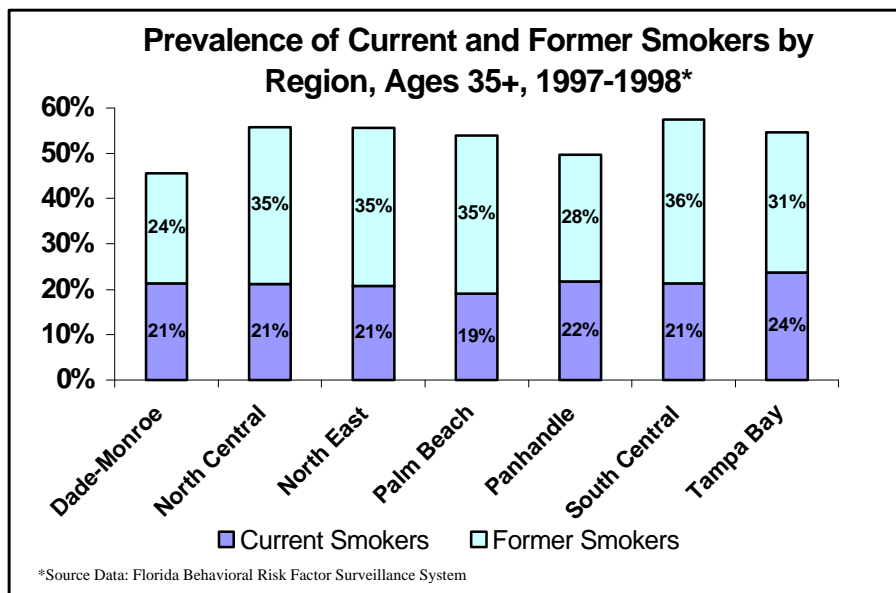
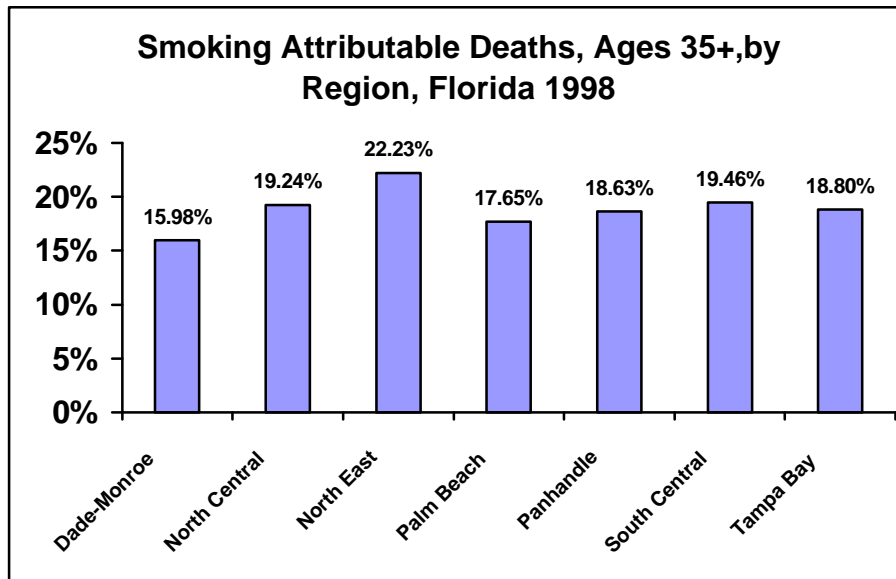
# 1998

## 1998 Summary of Results

- In 1998, smoking-attributable mortality accounted for 29,450 deaths for persons ages 35+ or 18.74% of total deaths.
- Smoking-attributable mortality for males, ages 35+, accounted for 18,372 or 22.78% of total male deaths.
- Smoking-attributable mortality for females, ages 35+, accounted for 11,078 or 14.48% of total female deaths.
- The smoking-attributable rate of deaths per 100,000 population ages 35+ was 350.4.
- Smoking-attributable mortality accounted for 19.57% of all cardiovascular deaths, 69.38% of all cancer deaths and 60.28% of all respiratory deaths statewide.
- The percentage of smoking-attributable mortality as a proportion of total mortality was highest in the North East Region of the state, 22.23%, and lowest in the Dade-Monroe Region, 15.98%.
- Baker County, 28%, had the highest percentage of smoking-attributable deaths as a proportion of total deaths, and Jefferson County, 12.4%, had the lowest percentage.
- The county with the highest smoking-attributable rate of deaths per 100,000 population ages 35+ was Union County (529.4), and the county with the lowest smoking-attributable rate of deaths per 100,000 population ages 35+ was Leon County (211.9). The second highest smoking-attributable rate of deaths per 100,000 was Baker County (512.0).
- The percentage of cardiovascular deaths that were attributable to smoking was highest in Baker County, 35.29%, and lowest in Washington County, 11.54%.
- The percentage of cancer deaths (neoplasms) that were smoking-attributable was highest in Union County, 85.71%, and lowest in Lafayette County, 40.00%.
- The percentage of respiratory deaths that were attributable to smoking was highest in Hamilton County, 90.00%, and lowest in Gilchrist County, 40.00%.
- The county with the highest number of years of potential life lost per smoking-attributable death is Union (18.65). The county with the lowest is Sarasota (10.79).
- Years of potential life lost per smoking-attributable death were highest in cancer deaths with 13.99 years and lowest in respiratory disease deaths with 10.66 years. Cardiovascular disease smoking-attributable deaths lost 12.50 years.

## *Smoking Attributable Deaths, Ages 35+, by Region, Florida 1998*

<i>Region</i>	<i>Total Number of Deaths</i>	<i>Smoking-Attributable Deaths</i>	<i>Percent</i>
<i>Dade-Monroe</i>	19290	3082	15.98%
<i>North Central</i>	24262	4667	19.24%
<i>North East</i>	15108	3358	22.23%
<i>Palm Beach</i>	28120	4964	17.65%
<i>Panhandle</i>	15014	2797	18.63%
<i>South Central</i>	26314	5120	19.46%
<i>Tampa Bay</i>	29052	5462	18.80%
<i>Grand Total</i>	<i>157160</i>	<i>29450</i>	<i>18.74%</i>



## *Smoking Attributable Deaths, Ages 35+, by County, Florida 1998*

<i>County</i>	<i>Total Deaths</i>	<i>Smoking Attributable Deaths</i>	<i>Percent</i>
Alachua	1495	249	16.66%
Baker	175	49	28.00%
Bay	1315	252	19.16%
Bradford	255	39	15.29%
Brevard	4728	930	19.67%
Broward	15633	2743	17.55%
Calhoun	133	24	18.05%
Charlotte	2030	400	19.70%
Citrus	1939	389	20.06%
Clay	996	213	21.39%
Collier	2077	423	20.37%
Columbia	539	111	20.59%
Dade	18583	2944	15.84%
Desoto	251	48	19.12%
Dixie	143	24	16.78%
Duval	6403	1400	21.86%
Escambia	2733	535	19.58%
Flagler	583	127	21.78%
Franklin	101	18	17.82%
Gadsden	436	64	14.68%
Gilchrist	129	20	15.50%
Glades	84	16	19.05%
Gulf	160	29	18.12%
Hamilton	105	28	26.67%
Hardee	240	49	20.42%
Hendry	240	45	18.75%
Hernando	1967	395	20.08%
Highlands	1212	245	20.21%
Hillsborough	8178	1581	19.33%
Holmes	225	46	20.44%
Indian River	1475	284	19.25%
Jackson	526	82	15.59%
Jefferson	129	16	12.40%
Lafayette	58	8	13.79%
Lake	2719	530	19.49%
Lee	4673	910	19.47%
Leon	1388	209	15.06%
Levy	386	80	20.73%
Liberty	53	10	18.87%
Madison	217	35	16.13%
Manatee	3254	595	18.29%
Marion	3018	609	20.18%
Martin	1508	286	18.97%
Monroe	707	138	19.52%
Nassau	428	99	23.13%
Okaloosa	1229	272	22.13%
Okeechobee	408	94	23.04%
Orange	5708	1052	18.43%
Osceola	1263	228	18.05%
Palm Beach	12487	2221	17.79%

***Smoking Attributable Deaths, Ages 35+, by County,  
Florida 1998 continued***

<b><i>County</i></b>	<b><i>Total Deaths</i></b>	<b><i>Smoking Attributable Deaths</i></b>	<b><i>Percent</i></b>
Pasco	5013	1002	19.99%
Pinellas	12607	2284	18.12%
Polk	5112	1001	19.58%
Putnam	830	162	19.52%
Santa Rosa	837	168	20.07%
Sarasota	4855	901	18.56%
Seminole	2401	426	17.74%
St. Johns	1073	226	21.06%
St. Lucie	2149	418	19.45%
Sumter	519	108	20.81%
Suwannee	433	83	19.17%
Taylor	189	36	19.05%
Union	186	35	18.82%
Volusia	5450	1244	22.83%
Wakulla	173	33	19.08%
Walton	402	85	21.14%
Washington	209	44	21.05%
<b><i>Grand Total</i></b>	<b><i>157160</i></b>	<b><i>29450</i></b>	<b><i>18.74%</i></b>

## *Smoking Attributable Deaths by Selected Cause, Ages 35+, by County, Florida 1998*

<u>Category</u>	<u>County</u>	<u>Total Deaths</u>	<u>Smoking Attributable Deaths</u>	<u>Percent</u>
<b>Cardiovascular Disease</b>	Alachua	399	78	19.55%
	Baker	51	18	35.29%
	Bay	391	75	19.18%
	Bradford	72	12	16.67%
	Brevard	1557	277	17.79%
	Broward	5845	1064	18.20%
	Calhoun	38	6	15.79%
	Charlotte	686	121	17.64%
	Citrus	643	112	17.42%
	Clay	332	84	25.30%
	Collier	741	147	19.84%
	Columbia	158	27	17.09%
	Dade	6746	1318	19.54%
	Desoto	78	17	21.79%
	Dixie	46	8	17.39%
	Duval	1952	540	27.66%
	Escambia	846	166	19.62%
	Flagler	179	51	28.49%
	Franklin	23	4	17.39%
	Gadsden	120	26	21.67%
	Gilchrist	41	8	19.51%
	Glades	27	4	14.81%
	Gulf	50	6	12.00%
	Hamilton	31	5	16.13%
	Hardee	90	16	17.78%
	Hendry	73	14	19.18%
	Hernando	691	125	18.09%
	Highlands	457	81	17.72%
	Hillsborough	2775	573	20.65%
	Holmes	75	11	14.67%
	Indian River	484	85	17.56%
	Jackson	191	32	16.75%
	Jefferson	45	6	13.33%
	Lafayette	20	3	15.00%
	Lake	923	164	17.77%
Lee	1445	286	19.79%	
Leon	346	61	17.63%	
Levy	127	23	18.11%	
Liberty	16	3	18.75%	
Madison	75	12	16.00%	
Manatee	1044	203	19.44%	
Marion	1026	190	18.52%	
Martin	487	86	17.66%	
Monroe	215	49	22.79%	
Nassau	132	33	25.00%	
Okaloosa	365	76	20.82%	
Okeechobee	141	27	19.15%	
Orange	1756	346	19.70%	
Osceola	400	76	19.00%	
Palm Beach	4690	849	18.10%	
Pasco	1727	337	19.51%	
Pinellas	3937	750	19.05%	
Polk	1700	346	20.35%	

***Smoking Attributable Deaths by Selected Cause, Ages  
35+, by County, Florida 1998 continued***

<u>Category</u>	<u>County</u>	<u>Total Deaths</u>	<u>Smoking Attributable Deaths</u>	<u>Percent</u>
<b>Cardiovascular Disease cont.</b>				
	Putnam	234	41	17.52%
	Santa Rosa	254	48	18.90%
	Sarasota	1628	284	17.44%
	Seminole	782	144	18.41%
	St. Johns	230	62	26.96%
	St. Lucie	638	123	19.28%
	Sumter	188	36	19.15%
	Suwannee	166	33	19.88%
	Taylor	67	10	14.93%
	Union	35	7	20.00%
	Volusia	1896	480	25.32%
	Wakulla	41	6	14.63%
	Walton	136	25	18.38%
	Washington	52	6	11.54%
<b>Sum</b>		<b>52852</b>	<b>10342</b>	<b>19.57%</b>

**Neoplasms**

Alachua	163	113	69.33%
Baker	20	13	65.00%
Bay	152	111	73.03%
Bradford	19	13	68.42%
Brevard	612	433	70.75%
Broward	1569	1063	67.75%
Calhoun	19	12	63.16%
Charlotte	249	175	70.28%
Citrus	247	170	68.83%
Clay	105	78	74.29%
Collier	266	181	68.05%
Columbia	65	46	70.77%
Dade	1514	985	65.06%
Desoto	24	18	75.00%
Dixie	14	9	64.29%
Duval	687	521	75.84%
Escambia	321	230	71.65%
Flagler	75	55	73.33%
Franklin	12	8	66.67%
Gadsden	36	25	69.44%
Gilchrist	11	8	72.73%
Glades	13	8	61.54%
Gulf	21	14	66.67%
Hamilton	17	14	82.35%
Hardee	28	21	75.00%
Hendry	28	22	78.57%
Hernando	250	174	69.60%
Highlands	160	113	70.63%
Hillsborough	861	607	70.50%
Holmes	19	15	78.95%
Indian River	175	126	72.00%
Jackson	39	27	69.23%
Jefferson	9	6	66.67%

***Smoking Attributable Deaths by Selected Cause, Ages  
35+, by County, Florida 1998 continued***

<u>Category</u>	<u>County</u>	<u>Total Deaths</u>	<u>Smoking Attributable Deaths</u>	<u>Percent</u>
<b>Neoplasms cont.</b>				
	Lafayette	5	2	40.00%
	Lake	339	239	70.50%
	Lee	550	377	68.55%
	Leon	146	97	66.44%
	Levy	52	35	67.31%
	Liberty	6	5	83.33%
	Madison	21	13	61.90%
	Manatee	359	249	69.36%
	Marion	424	294	69.34%
	Martin	179	125	69.83%
	Monroe	93	60	64.52%
	Nassau	61	45	73.77%
	Okaloosa	165	118	71.52%
	Okeechobee	55	39	70.91%
	Orange	618	426	68.93%
	Osceola	135	96	71.11%
	Palm Beach	1333	890	66.77%
	Pasco	561	388	69.16%
	Pinellas	1320	920	69.70%
	Polk	548	383	69.89%
	Putnam	109	77	70.64%
	Santa Rosa	105	73	69.52%
	Sarasota	531	358	67.42%
	Seminole	268	175	65.30%
	St. Johns	149	112	75.17%
	St. Lucie	257	185	71.98%
	Sumter	65	44	67.69%
	Suwannee	39	27	69.23%
	Taylor	22	17	77.27%
	Union	21	18	85.71%
	Volusia	635	468	73.70%
	Wakulla	24	19	79.17%
	Walton	52	37	71.15%
	Washington	32	24	75.00%
<b>Sum</b>		<b>17079</b>	<b>11849</b>	<b>69.38%</b>

**Respiratory Diseases**

	Alachua	98	58	59.18%
	Baker	30	18	60.00%
	Bay	114	66	57.89%
	Bradford	26	14	53.85%
	Brevard	349	220	63.04%
	Broward	1017	616	60.57%
	Calhoun	11	6	54.55%
	Charlotte	194	104	53.61%
	Citrus	170	107	62.94%
	Clay	72	51	70.83%
	Collier	159	95	59.75%
	Columbia	59	38	64.41%
	Dade	1265	641	50.67%
	Desoto	25	13	52.00%
	Dixie	12	7	58.33%
	Duval	539	339	62.89%

***Smoking Attributable Deaths by Selected Cause, Ages  
35+, by County, Florida 1998 continued***

<u>Category</u>	<u>County</u>	<u>Total Deaths</u>	<u>Smoking Attributable Deaths</u>	<u>Percent</u>
<b>Respiratory Diseases cont.</b>				
	Escambia	234	139	59.40%
	Flagler	35	21	60.00%
	Franklin	9	6	66.67%
	Gadsden	22	13	59.09%
	Gilchrist	10	4	40.00%
	Glades	6	4	66.67%
	Gulf	12	9	75.00%
	Hamilton	10	9	90.00%
	Hardee	19	12	63.16%
	Hendry	14	9	64.29%
	Hernando	144	96	66.67%
	Highlands	92	51	55.43%
	Hillsborough	619	401	64.78%
	Holmes	34	20	58.82%
	Indian River	120	73	60.83%
	Jackson	40	23	57.50%
	Jefferson	8	4	50.00%
	Lafayette	4	3	75.00%
	Lake	202	127	62.87%
	Lee	393	247	62.85%
	Leon	89	51	57.30%
	Levy	35	22	62.86%
	Liberty	4	2	50.00%
	Madison	22	10	45.45%
	Manatee	225	143	63.56%
	Marion	202	125	61.88%
	Martin	113	75	66.37%
	Monroe	48	29	60.42%
	Nassau	37	21	56.76%
	Okaloosa	131	78	59.54%
	Okeechobee	50	28	56.00%
	Orange	495	280	56.57%
	Osceola	92	56	60.87%
	Palm Beach	781	482	61.72%
	Pasco	445	277	62.25%
	Pinellas	964	614	63.69%
	Polk	477	272	57.02%
	Putnam	74	44	59.46%
	Santa Rosa	77	47	61.04%
	Sarasota	439	259	59.00%
	Seminole	176	107	60.80%
	St. Johns	89	52	58.43%
	St. Lucie	174	110	63.22%
	Sumter	42	28	66.67%
	Suwannee	34	23	67.65%
	Taylor	12	9	75.00%
	Union	16	10	62.50%
	Volusia	456	296	64.91%
	Wakulla	11	8	72.73%
	Walton	45	23	51.11%
	Washington	21	14	66.67%
<b>Sum</b>		<b>12043</b>	<b>7259</b>	<b>60.28%</b>

## *Smoking Attributable Deaths by Gender, Ages 35+, by County, Florida 1998*

<i>Gender</i>	<i>County</i>	<i>Total Deaths</i>	<i>Smoking Attributable Deaths</i>	<i>Percent</i>
<b>Female</b>				
	Alachua	758	93	12.27%
	Baker	81	13	16.05%
	Bay	651	100	15.36%
	Bradford	110	14	12.73%
	Brevard	2240	352	15.71%
	Broward	7874	1223	15.53%
	Calhoun	61	8	13.11%
	Charlotte	990	144	14.55%
	Citrus	902	141	15.63%
	Clay	499	80	16.03%
	Collier	948	164	17.30%
	Columbia	259	37	14.29%
	Dade	9209	873	9.48%
	Desoto	119	16	13.45%
	Dixie	66	8	12.12%
	Duval	3268	493	15.09%
	Escambia	1373	191	13.91%
	Flagler	262	42	16.03%
	Franklin	56	8	14.29%
	Gadsden	195	18	9.23%
	Gilchrist	73	5	6.85%
	Glades	27	5	18.52%
	Gulf	88	13	14.77%
	Hamilton	45	6	13.33%
	Hardee	102	10	9.80%
	Hendry	115	11	9.57%
	Hernando	897	136	15.16%
	Highlands	559	79	14.13%
	Hillsborough	3942	598	15.17%
	Holmes	102	13	12.75%
	Indian River	652	99	15.18%
	Jackson	277	34	12.27%
	Jefferson	70	6	8.57%
	Lafayette	28	3	10.71%
	Lake	1241	184	14.83%
	Lee	2138	339	15.86%
	Leon	746	88	11.80%
	Levy	165	24	14.55%
	Liberty	27	2	7.41%
	Madison	104	13	12.50%
	Manatee	1535	221	14.40%
	Marion	1311	208	15.87%
	Martin	736	114	15.49%
	Monroe	293	37	12.63%
	Nassau	213	39	18.31%
	Okaloosa	612	108	17.65%
	Okeechobee	175	33	18.86%
	Orange	2696	415	15.39%
	Osceola	593	86	14.50%
	Palm Beach	6244	1016	16.27%
	Pasco	2395	380	15.87%
	Pinellas	6509	958	14.72%
	Polk	2412	348	14.43%

***Smoking Attributable Deaths by Gender, Ages 35+, by  
County, Florida 1998 continued***

<i>Gender</i>	<i>County</i>	<i>Total Deaths</i>	<i>Deaths</i>	<i>Percent</i>
<b>Female cont.</b>				
	Putnam	392	48	12.24%
	Santa Rosa	388	61	15.72%
	Sarasota	2408	347	14.41%
	Seminole	1170	168	14.36%
	St. Johns	506	72	14.23%
	St. Lucie	986	148	15.01%
	Sumter	230	33	14.35%
	Suwannee	218	30	13.76%
	Taylor	83	10	12.05%
	Union	43	6	13.95%
	Volusia	2664	451	16.93%
	Wakulla	79	11	13.92%
	Walton	210	31	14.76%
	Washington	90	13	14.44%
<b>Sum</b>		<b>76510</b>	<b>11078</b>	<b>14.48%</b>
<b>Male</b>				
	Alachua	737	156	21.17%
	Baker	94	36	38.30%
	Bay	664	152	22.89%
	Bradford	145	25	17.24%
	Brevard	2488	578	23.23%
	Broward	7758	1520	19.59%
	Calhoun	72	16	22.22%
	Charlotte	1040	256	24.62%
	Citrus	1037	248	23.92%
	Clay	497	133	26.76%
	Collier	1129	259	22.94%
	Columbia	280	74	26.43%
	Dade	9374	2071	22.09%
	Desoto	132	32	24.24%
	Dixie	77	16	20.78%
	Duval	3135	907	28.93%
	Escambia	1360	344	25.29%
	Flagler	320	85	26.56%
	Franklin	45	10	22.22%
	Gadsden	241	46	19.09%
	Gilchrist	55	15	27.27%
	Glades	57	11	19.30%
	Gulf	72	16	22.22%
	Hamilton	60	22	36.67%
	Hardee	138	39	28.26%
	Hendry	125	34	27.20%
	Hernando	1070	259	24.21%
	Highlands	653	166	25.42%
	Hillsborough	4235	983	23.21%
	Holmes	123	33	26.83%
	Indian River	823	185	22.48%
	Jackson	249	48	19.28%
	Jefferson	59	10	16.95%
	Lafayette	30	5	16.67%
	Lake	1478	346	23.41%
	Lee	2534	571	22.53%

*Smoking Attributable Deaths by Gender, Ages 35+, by  
County, Florida 1998 continued*

<i>Gender</i>	<i>County</i>	<i>Total Deaths</i>	<i>Smoking Attributable Deaths</i>	<i>Percent</i>
<b>Male cont.</b>				
	Leon	642	121	18.85%
	Levy	221	56	25.34%
	Liberty	26	8	30.77%
	Madison	113	22	19.47%
	Manatee	1719	374	21.76%
	Marion	1707	401	23.49%
	Martin	772	172	22.28%
	Monroe	414	101	24.40%
	Nassau	215	60	27.91%
	Okaloosa	617	164	26.58%
	Okeechobee	233	61	26.18%
	Orange	3010	637	21.16%
	Osceola	670	142	21.19%
	Palm Beach	6243	1205	19.30%
	Pasco	2618	622	23.76%
	Pinellas	6098	1326	21.74%
	Polk	2699	653	24.19%
	Putnam	438	114	26.03%
	Santa Rosa	449	107	23.83%
	Sarasota	2447	554	22.64%
	Seminole	1231	258	20.96%
	St. Johns	567	154	27.16%
	St. Lucie	1163	270	23.22%
	Sumter	289	75	25.95%
	Suwannee	215	53	24.65%
	Taylor	105	26	24.76%
	Union	143	29	20.28%
	Volusia	2786	793	28.46%
	Wakulla	94	22	23.40%
	Walton	192	54	28.13%
	Washington	119	31	26.05%
<b>Sum</b>		<b>80641</b>	<b>18372</b>	<b>22.78%</b>
<b>Grand Total</b>		<b>157151</b>	<b>29450</b>	<b>18.74%</b>

***Total Number and Percent, and Rate per 100,000 of Smoking Attributable  
Deaths, Ages 35+, by County, Florida 1998***

<b><i>County</i></b>	<b><i>Total Deaths</i></b>	<b><i>Smoking Attributable Deaths</i></b>	<b><i>Percent</i></b>	<b><i>Population Ages 35+</i></b>	<b><i>Smoking Attributable Deaths per 100,000</i></b>
Alachua	1495	249	16.66%	84603	294.3
Baker	175	49	28.00%	9570	512.0
Bay	1315	252	19.16%	76692	328.6
Bradford	255	39	15.29%	12870	303.0
Brevard	4728	930	19.67%	267739	347.4
Broward	15633	2743	17.55%	844864	324.7
Calhoun	133	24	18.05%	7058	340.0
Charlotte	2030	400	19.70%	93358	428.5
Citrus	1939	389	20.06%	79568	488.9
Clay	996	213	21.39%	67606	315.1
Collier	2077	423	20.37%	131911	320.7
Columbia	539	111	20.59%	28349	391.5
Dade	18583	2944	15.84%	1072780	274.4
Desoto	251	48	19.12%	15345	312.8
Dixie	143	24	16.78%	7385	325.0
Duval	6403	1400	21.86%	357766	391.3
Escambia	2733	535	19.58%	143864	371.9
Flagler	583	127	21.78%	29915	424.5
Franklin	101	18	17.82%	6874	261.9
Gadsden	436	64	14.68%	24006	266.6
Gilchrist	129	20	15.50%	6472	309.0
Glades	84	16	19.05%	5724	279.5
Gulf	160	29	18.12%	7539	384.7
Hamilton	105	28	26.67%	6685	418.8
Hardee	240	49	20.42%	10828	452.5
Hendry	240	45	18.75%	13276	339.0
Hernando	1967	395	20.08%	85461	462.2
Highlands	1212	245	20.21%	55446	441.9
Hillsborough	8178	1581	19.33%	484972	326.0
Holmes	225	46	20.44%	9538	482.3
Indian River	1475	284	19.25%	68555	414.3
Jackson	526	82	15.59%	25362	323.3
Jefferson	129	16	12.40%	7382	216.7
Lafayette	58	8	13.79%	3308	241.8
Lake	2719	530	19.49%	129197	410.2

***Total Number and Percent, and Rate per 100,000 of Smoking Attributable  
Deaths, Ages 35+, by County, Florida 1998 continued***

<b><i>County</i></b>	<b><i>Total Deaths</i></b>	<b><i>Smoking Attributable</i></b>		<b><i>Population Ages 35+</i></b>	<b><i>Smoking Attributable Deaths per 100,000</i></b>
		<b><i>Deaths</i></b>	<b><i>Percent</i></b>		
Lee	4673	910	19.47%	257229	353.8
Leon	1388	209	15.06%	98626	211.9
Levy	386	80	20.73%	19328	413.9
Liberty	53	10	18.87%	3860	259.1
Madison	217	35	16.13%	9087	385.2
Manatee	3254	595	18.29%	157109	378.7
Marion	3018	609	20.18%	149722	406.8
Martin	1508	286	18.97%	78128	366.1
Monroe	707	138	19.52%	51814	266.3
Nassau	428	99	23.13%	28510	347.2
Okaloosa	1229	272	22.13%	85038	319.9
Okeechobee	408	94	23.04%	18907	497.2
Orange	5708	1052	18.43%	392356	268.1
Osceola	1263	228	18.05%	78189	291.6
Palm Beach	12487	2221	17.79%	623653	356.1
Pasco	5013	1002	19.99%	213481	469.4
Pinellas	12607	2284	18.12%	565343	404.0
Polk	5112	1001	19.58%	263348	380.1
Putnam	830	162	19.52%	40579	399.2
Santa Rosa	837	168	20.07%	54821	306.5
Sarasota	4855	901	18.56%	221644	406.5
Seminole	2401	426	17.74%	179487	237.3
St. Johns	1073	226	21.06%	64644	349.6
St. Lucie	2149	418	19.45%	108935	383.7
Sumter	519	108	20.81%	28381	380.5
Suwannee	433	83	19.17%	18977	437.4
Taylor	189	36	19.05%	9672	372.2
Union	186	35	18.82%	6611	529.4
Volusia	5450	1244	22.83%	251943	493.8
Wakulla	173	33	19.08%	10606	311.1
Walton	402	85	21.14%	22621	375.8
Washington	209	44	21.05%	11246	391.3
<b><i>Grand Total</i></b>	<b><i>157160</i></b>	<b><i>29450</i></b>	<b><i>18.74%</i></b>	<b><i>8405763</i></b>	<b><i>350.4</i></b>

## *Smoking-Attributable Years of Potential Life Lost, by County, Florida 1998*

<i>County</i>	<i>Smoking-Attributable Deaths</i>	<i>Smoking-Attributable Years of Potential Life Lost</i>	<i>Years of Potential Life Lost per Smoking-Attributable Death</i>
Alachua	249	3459.83	13.89
Baker	49	874.16	17.84
Bay	252	3488.18	13.84
Bradford	39	576.25	14.78
Brevard	930	11682.68	12.56
Broward	2743	31920.27	11.64
Calhoun	24	311.54	12.98
Charlotte	400	4433.70	11.08
Citrus	389	4685.86	12.05
Clay	213	3031.00	14.23
Collier	423	4974.43	11.76
Columbia	111	1518.77	13.68
Dade	2944	36676.93	12.46
Desoto	48	652.89	13.60
Dixie	24	391.39	16.31
Duval	1400	21182.38	15.13
Escambia	535	7508.68	14.03
Flagler	127	1663.92	13.10
Franklin	18	291.44	16.19
Gadsden	64	1041.23	16.27
Gilchrist	20	320.18	16.01
Glades	16	253.87	15.87
Gulf	29	407.86	14.06
Hamilton	28	333.95	11.93
Hardee	49	717.29	14.64
Hendry	45	614.49	13.66
Hernando	395	4642.35	11.75
Highlands	245	2800.14	11.43
Hillsborough	1581	21374.16	13.52
Holmes	46	587.96	12.78
Indian River	284	3431.81	12.08
Jackson	82	1102.91	13.45
Jefferson	16	216.69	13.54
Lafayette	8	141.29	17.66
Lake	530	6494.56	12.25
Lee	910	11060.19	12.15
Leon	209	2975.06	14.23
Levy	80	1182.79	14.78
Liberty	10	130.50	13.05
Madison	35	560.59	16.02
Manatee	595	7308.89	12.28
Marion	609	7912.24	12.99
Martin	286	3204.51	11.20
Monroe	138	1886.45	13.67
Nassau	99	1561.16	15.77
Okaloosa	272	3807.08	14.00
Okeechobee	94	1430.32	15.22
Orange	1052	14735.01	14.01
Osceola	228	3148.48	13.81
Palm Beach	2221	25096.76	11.30
Pasco	1002	12139.31	12.12
Pinellas	2284	27089.00	11.86
Polk	1001	13167.76	13.15

***Smoking-Attributable Years of Potential Life Lost,  
by County, Florida 1998 continued***

<b><i>County</i></b>	<b><i>Smoking-Attributable Deaths</i></b>	<b><i>Smoking-Attributable Years of Potential Life Lost</i></b>	<b><i>Years of Potential Life Lost per Smoking-Attributable Death</i></b>
Putnam	162	2364.05	14.59
Santa Rosa	168	2517.58	14.99
Sarasota	901	9724.09	10.79
Seminole	426	5766.09	13.54
St. Johns	226	3143.07	13.91
St. Lucie	418	5140.31	12.30
Sumter	108	1484.51	13.75
Suwannee	83	1106.24	13.33
Taylor	36	508.84	14.13
Union	35	652.78	18.65
Volusia	1244	15431.10	12.40
Wakulla	33	585.66	17.75
Walton	85	1192.79	14.03
Washington	44	716.29	16.28
<b><i>Total</i></b>	29450	372534.52	12.65

## *Smoking-Attributable Years of Potential Life Lost, by Cause, Florida 1998*

<u>Category</u>	<u>County</u>	<u>Smoking-Attributable Deaths</u>	<u>Smoking-Attributable Years of Potential Life Lost</u>	<u>Years of Potential Life Lost per Smoking-Attributable Death</u>
<i>Cardiovascular Disease</i>				
	Alachua	78	1080.38	13.85
	Baker	18	414.87	23.05
	Bay	75	1032.17	13.76
	Bradford	12	245.97	20.50
	Brevard	277	3329.17	12.02
	Broward	1064	11743.20	11.04
	Calhoun	6	82.37	13.73
	Charlotte	121	1209.30	9.99
	Citrus	112	1361.31	12.15
	Clay	84	1171.07	13.94
	Collier	147	1527.16	10.39
	Columbia	27	396.85	14.70
	Dade	1318	16251.35	12.33
	Desoto	17	263.07	15.47
	Dixie	8	165.31	20.66
	Duval	540	8384.07	15.53
	Escambia	166	2442.39	14.71
	Flagler	51	750.28	14.71
	Franklin	4	82.00	20.50
	Gadsden	26	456.50	17.56
	Gilchrist	8	144.86	18.11
	Glades	4	74.80	18.70
	Gulf	6	106.74	17.79
	Hamilton	5	88.88	17.78
	Hardee	16	277.58	17.35
	Hendry	14	180.89	12.92
	Hernando	125	1512.14	12.10
	Highlands	81	874.47	10.80
	Hillsborough	573	7934.15	13.85
	Holmes	11	149.13	13.56
	Indian River	85	984.59	11.58
	Jackson	32	424.34	13.26
	Jefferson	6	105.29	17.55
	Lafayette	3	75.51	25.17
	Lake	164	1804.56	11.00
	Lee	286	3273.64	11.45
	Leon	61	890.57	14.60
	Levy	23	388.72	16.90
	Liberty	3	58.40	19.47
	Madison	12	212.06	17.67
	Manatee	203	2441.81	12.03
	Marion	190	2410.49	12.69
	Martin	86	936.78	10.89
	Monroe	49	670.89	13.69
	Nassau	33	532.08	16.12
	Okaloosa	76	1148.85	15.12
	Okeechobee	27	386.09	14.30
	Orange	346	4885.13	14.12
	Osceola	76	1087.98	14.32
	Palm Beach	849	9073.32	10.69
	Pasco	337	3886.31	11.53
	Pinellas	750	8699.27	11.60
	Polk	346	4606.29	13.31
	Putnam	41	602.80	14.70
	Santa Rosa	48	759.06	15.81

## *Smoking-Attributable Years of Potential Life Lost, by Cause, Florida 1998*

<i>Category</i>	<i>County</i>	<i>Smoking-Attributable Deaths</i>	<i>Smoking-Attributable Years of Potential Life Lost</i>	<i>Years of Potential Life Lost per Smoking-Attributable Death</i>
<i>Cardiovascular Disease</i>				
	Sarasota	284	2824.11	9.94
	Seminole	144	1934.33	13.43
	St. Johns	62	924.04	14.90
	St. Lucie	123	1446.63	11.76
	Sumter	36	465.46	12.93
	Suwannee	33	384.62	11.66
	Taylor	10	185.60	18.56
	Union	7	161.20	23.03
	Volusia	480	6295.41	13.12
	Wakulla	6	138.67	23.11
	Walton	25	370.33	14.81
	Washington	6	114.59	19.10
<b>Sum</b>		<b>10342</b>	<b>129322.28</b>	<b>12.50</b>
<i>Neoplasms</i>				
	Alachua	113	1732.24	15.33
	Baker	13	221.70	17.05
	Bay	111	1695.17	15.27
	Bradford	13	184.80	14.22
	Brevard	433	6048.67	13.97
	Broward	1063	14018.78	13.19
	Calhoun	12	159.55	13.30
	Charlotte	175	2301.00	13.15
	Citrus	170	2312.30	13.60
	Clay	78	1239.53	15.89
	Collier	181	2468.36	13.64
	Columbia	46	669.48	14.55
	Dade	985	13997.84	14.21
	Desoto	18	244.57	13.59
	Dixie	9	118.10	13.12
	Duval	521	8316.35	15.96
	Escambia	230	3456.32	15.03
	Flagler	55	691.53	12.57
	Franklin	8	121.27	15.16
	Gadsden	25	416.95	16.68
	Gilchrist	8	124.92	15.61
	Glades	8	132.50	16.56
	Gulf	14	196.21	14.02
	Hamilton	14	155.10	11.08
	Hardee	21	316.43	15.07
	Hendry	22	326.74	14.85
	Hernando	174	2168.33	12.46
	Highlands	113	1449.87	12.83
	Hillsborough	607	9093.34	14.98
	Holmes	15	216.51	14.43
	Indian River	126	1642.81	13.04
	Jackson	27	428.49	15.87
	Jefferson	6	75.55	12.59
	Lafayette	2	46.95	23.48
	Lake	239	3320.84	13.89
	Lee	377	5137.17	13.63
	Leon	97	1490.98	15.37

## *Smoking-Attributable Years of Potential Life Lost, by Cause, Florida 1998*

<u>Category</u>	<u>County</u>	<u>Smoking-Attributable Deaths</u>	<u>Smoking-Attributable Years of Potential Life Lost</u>	<u>Years of Potential Life Lost per Smoking-Attributable Death</u>
<i>Neoplasms</i>				
	Levy	35	518.11	14.80
	Liberty	5	50.49	10.10
	Madison	13	239.39	18.41
	Manatee	249	3343.27	13.43
	Marion	294	4106.11	13.97
	Martin	125	1564.78	12.52
	Monroe	60	876.79	14.61
	Nassau	45	738.14	16.40
	Okaloosa	118	1788.81	15.16
	Okeechobee	39	697.70	17.89
	Orange	426	6652.00	15.62
	Osceola	96	1449.07	15.09
	Palm Beach	890	11450.08	12.87
	Pasco	388	5208.53	13.42
	Pinellas	920	12028.49	13.07
	Polk	383	5587.37	14.59
	Putnam	77	1205.95	15.66
	Santa Rosa	73	1112.87	15.24
	Sarasota	358	4484.81	12.53
	Seminole	175	2615.28	14.94
	St. Johns	112	1615.34	14.42
	St. Lucie	185	2499.74	13.51
	Sumter	44	694.27	15.78
	Suwannee	27	466.60	17.28
	Taylor	17	245.83	14.46
	Union	18	343.88	19.10
	Volusia	468	6180.66	13.21
	Wakulla	19	335.31	17.65
	Walton	37	551.34	14.90
	Washington	24	415.30	17.30
<b>Sum</b>		<b>11849</b>	<b>165803.55</b>	<b>13.99</b>
<i>Respiratory Diseases</i>				
	Alachua	58	647.22	11.16
	Baker	18	237.59	13.20
	Bay	66	760.85	11.53
	Bradford	14	145.48	10.39
	Brevard	220	2304.83	10.48
	Broward	616	6158.29	10.00
	Calhoun	6	69.63	11.61
	Charlotte	104	923.40	8.88
	Citrus	107	1012.26	9.46
	Clay	51	620.39	12.16
	Collier	95	978.90	10.30
	Columbia	38	452.45	11.91
	Dade	641	6427.74	10.03
	Desoto	13	145.25	11.17
	Dixie	7	107.97	15.42

## *Smoking-Attributable Years of Potential Life Lost, by Cause, Florida 1998*

<u>Category</u>	<u>County</u>	<u>Smoking-Attributable Deaths</u>	<u>Smoking-Attributable Years of Potential Life Lost</u>	<u>Years of Potential Life Lost per Smoking-Attributable Death</u>
<i>Respiratory Diseases</i>				
	Duval	339	4481.96	13.22
	Escambia	139	1609.97	11.58
	Flagler	21	222.11	10.58
	Franklin	6	88.16	14.69
	Gadsden	13	167.77	12.91
	Gilchrist	4	50.40	12.60
	Glades	4	46.57	11.64
	Gulf	9	104.91	11.66
	Hamilton	9	89.97	10.00
	Hardee	12	123.28	10.27
	Hendry	9	106.86	11.87
	Hernando	96	961.87	10.02
	Highlands	51	475.80	9.33
	Hillsborough	401	4346.68	10.84
	Holmes	20	222.32	11.12
	Indian River	73	804.40	11.02
	Jackson	23	250.08	10.87
	Jefferson	4	35.84	8.96
	Lafayette	3	18.82	6.27
	Lake	127	1369.16	10.78
	Lee	247	2649.37	10.73
	Leon	51	593.51	11.64
	Levy	22	275.95	12.54
	Liberty	2	21.61	10.81
	Madison	10	109.14	10.91
	Manatee	143	1523.81	10.66
	Marion	125	1395.63	11.17
	Martin	75	702.95	9.37
	Monroe	29	338.77	11.68
	Nassau	21	290.94	13.85
	Okaloosa	78	869.41	11.15
	Okeechobee	28	346.52	12.38
	Orange	280	3197.89	11.42
	Osceola	56	611.43	10.92
	Palm Beach	482	4573.37	9.49
	Pasco	277	3044.47	10.99
	Pinellas	614	6361.24	10.36
	Polk	272	2974.11	10.93
	Putnam	44	555.31	12.62
	Santa Rosa	47	645.64	13.74
	Sarasota	259	2415.16	9.32
	Seminole	107	1216.49	11.37
	St. Johns	52	603.69	11.61
	St. Lucie	110	1193.94	10.85
	Sumter	28	324.78	11.60
	Suwannee	23	255.02	11.09
	Taylor	9	77.41	8.60
	Union	10	147.70	14.77
	Volusia	296	2955.03	9.98
	Wakulla	8	111.67	13.96
	Walton	23	271.12	11.79
	Washington	14	186.40	13.31
<b>Sum</b>		<b>7259</b>	<b>77408.70</b>	<b>10.66</b>

# APPENDIX

## Relative Risk - SAMMEC 3.0

Florida Department of Health  
Chronic Disease Epidemiology

Cause of Death (ICD9-CM)	Males		Females	
	Current Smoker	Former Smoker	Current Smoker	Former Smoker
<b>Neoplasms</b>				
Lip, Oral Cavity, Pharynx(140-149)	27.48	8.80	5.59	2.88
Esophagus(150)	7.60	5.83	10.25	3.16
Pancreas(157)	2.14	1.12	2.33	1.78
Larynx(161)	10.48	5.24	17.78	11.88
Trachea, Lung, Bronchus(162)	22.36	9.36	11.94	4.69
Cervix Uteri(180)	N/A	N/A	2.14	1.94
Urinary Bladder(188)	2.86	1.90	2.58	1.85
Kidney, Other Urinary(189)	2.95	1.95	1.41	1.16
<b>Cardiovascular Diseases</b>				
Rheumatic Heart Disease(390-398)	1.85	1.32	1.69	1.16
Hypertension(401-404)	1.85	1.32	1.69	1.16
Ischemic Heart Disease(410-414)				
Person Aged 35-64()	2.81	1.75	3.00	1.43
Person Aged 65+()	1.62	1.29	1.60	1.29
Pulmonary Heart Disease(415-417)	1.85	1.32	1.69	1.16
Cardiac Arrest/Other Heart Disease(420-429)	1.85	1.32	1.69	1.16
Cerebrovascular Disease(430-438)				
Person Aged 35-64()	3.67	1.38	4.80	1.41
Person Aged 65+()	1.94	1.27	1.47	1.01
Atherosclerosis(440)	4.06	2.33	3.00	1.34
Aortic Aneurysm(441)	4.06	2.33	3.00	1.34
Other Arterial Disease(442-448)	4.06	2.33	3.00	1.34
<b>Respiratory Diseases</b>				
Respiratory Tuberculosis(10-12)	1.99	1.56	2.18	1.38
Pneumonia, Influenza(480-487)	1.99	1.56	2.18	1.38
Bronchitis, Emphysema(490-492)	9.65	8.75	10.47	7.04
Asthma(493)	1.99	1.56	2.18	1.38
Chronic Airways Obstruction(496)	9.65	8.75	10.47	7.04
<b>Perinatal Conditions</b>				
Short Gestation / Low Birth Weight(765)	1.76		1.76	
Respiratory Distress Syndrome(769)	1.76		1.76	
Respiratory Conditions-Newborn(770)	1.76		1.76	
Sudden Infant Death Syndrome(798.0)	1.50		1.50	
<b>Other Conditions</b>				
Burn Deaths(890-899)	N/A		N/A	

Database Description:  
Relative Risk Estimates from ACS CPS-II  
Entered on 7/25/96  
by the Office on Smoking and Health

## *Regional Prevalence by Gender and Age*

<i>Region</i>	<i>Gender</i>	<i>Ages</i>	<i>Prevalence of Never Smokers</i>	<i>Prevalence of Current Smokers</i>	<i>Prevalence of Former Smokers</i>
<b>Dade-Monroe</b>					
	<i>Female</i>				
		35-64	0.6306	0.1864	0.183
		65+	0.7782	0.074	0.1478
	<i>Male</i>				
		35-64	0.4342	0.2935	0.2723
		65+	0.3242	0.434	0.2418
<b>North Central</b>					
	<i>Female</i>				
		35-64	0.4591	0.2929	0.248
		65+	0.5517	0.0651	0.3832
	<i>Male</i>				
		35-64	0.415	0.2762	0.3088
		65+	0.3465	0.0736	0.5799
<b>North East</b>					
	<i>Female</i>				
		35-64	0.5088	0.2316	0.2596
		65+	0.5697	0.1336	0.2967
	<i>Male</i>				
		35-64	0.3853	0.254	0.3607
		65+	0.2022	0.133	0.6648
<b>Palm Beach</b>					
	<i>Female</i>				
		35-64	0.509	0.2259	0.2651
		65+	0.4749	0.1198	0.4053
	<i>Male</i>				
		35-64	0.4244	0.2541	0.3215
		65+	0.4146	0.0899	0.4955
<b>Panhandle</b>					
	<i>Female</i>				
		35-64	0.5452	0.2552	0.1996
		65+	0.609	0.085	0.306
	<i>Male</i>				
		35-64	0.4498	0.2658	0.2844
		65+	0.3666	0.1475	0.4859

## *Regional Prevalence by Gender and Age*

<u>Region</u>	<u>Gender</u>	<u>Ages</u>	<u>Prevalence of Never Smokers</u>	<u>Prevalence of Current Smokers</u>	<u>Prevalence of Former Smokers</u>
<b>South Central</b>					
	<i>Female</i>				
		35-64	0.4922	0.2283	0.2795
		65+	0.5888	0.0998	0.3114
	<i>Male</i>				
		35-64	0.3235	0.3342	0.3423
		65+	0.2801	0.0908	0.6291
<b>Tampa Bay</b>					
	<i>Female</i>				
		35-64	0.4905	0.2801	0.2294
		65+	0.5736	0.1362	0.2902
	<i>Male</i>				
		35-64	0.3748	0.324	0.3012
		65+	0.3331	0.111	0.5559

Years of Potential Life Remaining  
Life Expectancy  
SAMMEC 3.0

Florida Department of Health  
Chronic Disease Epidemiology

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Age Group	Males	Females
0-<1	72.0	78.9
1-19	63.0	69.7
20-24	51.6	58.0
25-29	47.0	53.2
30-34	42.5	48.3
35-39	38.0	43.6
40-44	33.5	38.8
45-49	29.1	34.2
50-54	24.9	29.7
55-59	20.9	25.4
60-64	17.3	21.4
65-69	14.0	17.6
70-74	11.1	14.0
75-79	8.5	10.8
80-84	6.3	8.0
85+	5.3	6.5

SAMMEC 3.0

Database Description:  
U.S. 1991 Years of Life Remaining  
To Life Expectancy, Entered on 7/25/96  
by the Office on Smoking and Health