



Estimated Prevalence and Incidence of Lung Disease

**American Lung Association
Epidemiology and Statistics Unit
Research and Program Services
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EXECUTIVE SUMMARY

Estimated Prevalence and Incidence of Lung Disease has been compiled to provide lung disease morbidity data at a more local scale. This document displays prevalence estimates of asthma, chronic bronchitis, and emphysema as well as the incidence of lung cancer at the county and state levels. Data are based upon the 2010 National Health Interview Survey, the 2010 Behavioral Risk Factor Surveillance Survey and the 2010 joint report from CDC's National Program of Cancer Registries, NCI's SEER program, and state-based cancer registries.

Prior to 2001, this publication also showed estimates for acute lung diseases. Due to the revision of the National Health Interview Survey's questionnaire in 1997, questions on acute lung diseases were eliminated. Therefore, the most recent acute lung disease estimates by lung association territory are in the April 2000 issue of *Estimated Prevalence and Incidence of Lung Disease*.

Questions on chronic lung disease were revised as well. Chronic bronchitis and emphysema prevalence estimates are still obtained from the National Health Interview Survey (NHIS) but current estimates cannot be compared to those found in versions of the *Estimated Prevalence and Incidence of Lung Disease* prior to 2001.

Adult asthma prevalence estimates are taken from the Behavioral Risk Factor Surveillance Survey (BRFSS), a state-based, random-digit-dialed survey of the non-institutionalized U.S. adult population.

The BRFSS has been collecting data on asthma prevalence since 2000 and these estimates have been used in this publication since April 2001. An optional module on asthma prevalence among children under 18 years of age was introduced in 2001, but comparing estimates from before 2005 is not recommended as different sampling methods were used prior to that year. Unfortunately, not every state includes this module.

Lung cancer incidence estimates are obtained from StateCancerProfiles.gov, a system that provides data from the authoritative source of population-based cancer registry incidence and survival information in the U.S. The system delineates the age-adjusted incidence rates for lung cancer during 2008 for males and females.

Please note that these numbers reflect the *estimated* prevalence and incidence of lung disease within each county and state, and not the *actual number*. That is, the estimate is derived from national and/or state data and adjusted for the age-specific population of each area. Many other factors may affect *actual* prevalence. When citing these data, make efforts to ensure that the nature and derivation of the estimates are understood.

STATISTICAL METHODOLOGY

Presently, county-specific measurements of the number of persons with chronic lung disease are not available. In order to assess the magnitude of lung disease at the county levels, we have utilized a synthetic estimation technique originally developed by the U.S. Census Bureau. This method uses age-specific national or state estimates of diagnosed lung disease to project the prevalence of chronic lung disease and sex-specific age-adjusted state estimates to project the incidence of lung cancer for each county within the United States. These prevalence and incidence estimates are presented in this report.

Prevalence Estimates:

Chronic Bronchitis and Emphysema. The current National Health Interview Survey questionnaire states, “Have you been diagnosed with chronic bronchitis by a health professional in the past year?” and, “Have you been diagnosed with emphysema by a health professional during your lifetime?” The 1997 revisions to these questions included a change in prevalence time frames for emphysema and the elimination of childhood estimates. Prior to this, survey respondents were asked “Have you or someone in your family had chronic bronchitis or emphysema in the past year?”

This year’s publication utilized the 2010 National Health Interview Survey. It was estimated that 9.9 million Americans had a diagnosis of chronic bronchitis and 4.3 million Americans had emphysema.

Local area prevalence of chronic bronchitis and emphysema are estimated by applying age-specific national prevalence rates from the 2010 NHIS to age-specific county-level resident populations for 2010. Thereafter, the age-specific prevalence estimates for each county within a state are summed to determine its overall prevalence. Prevalence estimates for chronic bronchitis and emphysema are calculated for those 18-44, 45-64 and 65 plus.

An individual respondent to the NHIS can report the presence of more than one chronic lung disease, i.e. chronic bronchitis and emphysema. For this reason and the fact that prevalence estimates are over different time frames (chronic bronchitis prevalence over a year versus emphysema prevalence over a lifetime), adding these estimates to calculate COPD prevalence should not be performed, as it would *overestimate* the prevalence in your community.

Adult and Pediatric Asthma. This is the eleventh year that the Behavioral Risk Factor Surveillance Survey has been used for adult asthma and the second for pediatric asthma. It was assumed that state-specific figures would be a better measure of county prevalence than national estimates from the National Health Interview Survey.

The Behavioral Risk Factor Surveillance Survey questionnaire asks respondents “Have you ever been diagnosed with asthma by a health professional?” and “Do you still have asthma?” *Data results from the latter question are used to obtain county estimates.* Adult respondents with one or more children in the household answer the same two questions for the child, if only one, or a randomly selected child, if two or more are reported.

In 2010, the Behavioral Risk Factor Surveillance System (BRFSS) survey indicated that approximately 8.6% of adults and 9.1% of children residing in the United States reported having asthma.

Local area prevalence of adult asthma is estimated by applying age-specific state prevalence rates from the 2010 BRFSS to age-specific county-level resident populations obtained from the U.S. Census Bureau web site. Local area prevalence of pediatric asthma is estimated by applying the most recent state prevalence rates, or if none are available, the national rate from the BRFSS to pediatric county-level resident populations obtained from the U.S. Census Bureau web site. Thereafter, the age-specific prevalence estimates for each county within a state are summed to determine its overall pediatric and adult prevalence.

The prevalence estimates for pediatric and adult asthma are calculated for those under 18 years of age and 18 years of age or older, respectively. Pediatric asthma data from the 2010 BRFSS was available

for thirty-two states and Washington D.C., five states¹ from 2009, three states² from 2008, and one state each³ for 2007 and 2006. National data was used for the eight states⁴ that had no data available since 2006.

Incidence Estimates:

Lung Cancer. State- and gender-specific lung cancer incidence rates for 2008 were obtained from StateCancerProfiles.gov, a system that provides access to statistics from both the NCI's Surveillance, Epidemiology and End Results (SEER) program and the CDC's National Program of Cancer Registries.

Local area incidence of lung cancer is estimated by applying 2008 age-adjusted and sex-specific incidence rates to 2010 county populations obtained from the U.S. Census Bureau. Thereafter, the incidence estimates for each county within a state are summed to determine overall incidence.

Lung cancer incidence estimates cannot be compared with versions prior to the 2003 *Estimated Prevalence and Incidence of Lung Disease*.

Limitations of Estimates

Since the statistics presented by the NHIS and BRFSS are based on a sample, they will differ (due to random sampling variability) from figures that would be derived from a complete census or case registry of people in the U.S. with these diseases. The results are also subject to reporting, non-response and processing errors. These types of errors are kept to a minimum by methods built into the surveys. Additionally, a major limitation of both surveys is that the information collected represents self-reports of medically diagnosed conditions, which may underestimate disease prevalence since not all individuals with these conditions have been properly diagnosed. However, the NHIS is the best available source for estimating the magnitude of chronic lung disease on the national level, while the BRFSS is the best available source for asthma information on the state level. The conditions covered in the surveys may vary considerably in the accuracy and completeness with which they are reported. Local estimates of chronic lung diseases are scaled in direct proportion to the base population of the county and its age distribution. No adjustments are made for other factors that may affect local prevalence (e.g. local prevalence of cigarette smokers or occupational exposures) since the health surveys that obtain such data are rarely conducted on the county level. Because the estimates do not account for geographic differences in the prevalence of chronic and acute diseases, the sum of the estimates for each of the counties in the United States may not exactly reflect the national estimate derived by the NHIS or state estimates derived by the BRFSS.

¹ California, Delaware, Idaho, New York and Virginia.

² Maine, New Hampshire, and Ohio.

³ Alaska for 2007 and Minnesota for 2006.

⁴ Arkansas, Colorado, Florida, Massachusetts, North Carolina, South Carolina, South Dakota, and Tennessee.

Sources:

1. Irwin, R. Guide to Local Area Populations U.S. Bureau of the Census Technical Paper Number 39 (1972).
2. Centers for Disease Control and Prevention. National Center for Health Statistics. National Health Interview Survey, United States, 2010. Calculations by the American Lung Association Research and Program Services Division using SPSS and SUDAAN software.
3. Centers for Disease Control and Prevention. National Center for Health Statistics. Behavioral Risk Factor Surveillance System, 2010. Calculations by the American Lung Association Research and Program Services Division using SPSS and SUDAAN software.
4. StateCancerProfile.gov, 2011. Cancer Incidence by State and Gender, 2008.
5. U.S. Census Bureau. 2010 Census. Summary File 1, Tables P12, P13, and PCT12.

Footnotes:

- (1) Adding across rows does not produce valid estimates, i.e. summing pediatric and adult asthma and/or emphysema and chronic bronchitis.
- (2) Total Population is based on the 2010 Census.
- (3) Pediatric asthma estimates are for those under 18 years of age and represent the estimated number of children who had asthma during 2010 based on state rates (BRFSS) applied to county population estimates (US Census).
- (4) Adult asthma estimates are for those 18 years and older and represents the estimated number of adults who had asthma during 2010 based on state rates (BRFSS) applied to county population estimates (US Census).
- (5) Chronic bronchitis estimates are for adults 18 and over who have been diagnosed with this disease within 2010 based on national rates (NHIS) applied to county population estimates (US Census).
- (6) Emphysema estimates are for adults 18 and over who have been diagnosed with this disease over their lifetime based on national rates (NHIS) applied to county population estimates (US Census).
- (7) Lung cancer data for most states and DC represent the estimated number of new cases diagnosed in 2008 based on state- and sex-specific age-adjusted incidence rates applied to county population estimates in 2010 (US Census).

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Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Alabama	4,779,736	130,084	287,847	158,676	71,106	3,866
Autauga	54,571	1,679	3,149	1,718	743	44
Baldwin	182,265	4,813	11,138	6,323	3,063	148
Barbour	27,457	691	1,694	936	422	23
Bibb	22,915	597	1,395	759	328	19
Blount	57,322	1,620	3,417	1,905	881	47
Bullock	10,914	279	670	370	164	9
Butler	20,947	581	1,261	716	348	17
Calhoun	118,572	3,116	7,220	3,993	1,809	96
Chambers	34,215	885	2,104	1,194	577	28
Cherokee	25,989	639	1,627	937	465	21
Chilton	43,643	1,259	2,580	1,423	639	36
Choctaw	13,859	361	854	493	247	11
Clarke	25,833	734	1,542	874	421	21
Clay	13,932	361	857	489	241	11
Cleburne	14,972	408	906	511	243	12
Coffee	49,948	1,388	2,986	1,648	751	41
Colbert	54,428	1,382	3,365	1,916	937	44
Conecuh	13,228	349	812	469	235	11
Coosa	11,539	272	731	419	204	9
Covington	37,765	979	2,325	1,336	670	31
Crenshaw	13,906	380	841	477	228	11
Cullman	80,406	2,141	4,891	2,750	1,303	65
Dale	50,251	1,433	2,977	1,633	727	41
Dallas	43,820	1,332	2,553	1,430	660	35
DeKalb	71,109	2,110	4,163	2,302	1,045	58
Elmore	79,303	2,149	4,776	2,599	1,107	64
Escambia	38,319	997	2,342	1,302	602	32
Etowah	104,430	2,755	6,371	3,581	1,692	84
Fayette	17,241	441	1,066	611	303	14
Franklin	31,704	904	1,881	1,045	487	26
Geneva	26,790	688	1,652	942	463	22
Greene	9,045	252	546	313	152	7
Hale	15,760	450	941	533	252	13
Henry	17,302	450	1,065	613	303	14
Houston	101,547	2,863	6,058	3,371	1,549	82
Jackson	53,227	1,377	3,274	1,857	893	43
Jefferson	658,466	17,750	39,726	21,754	9,558	528
Lamar	14,564	371	903	522	264	12
Lauderdale	92,709	2,295	5,756	3,237	1,549	75
Lawrence	34,339	915	2,091	1,172	540	28
Lee	140,247	3,629	8,445	4,329	1,602	114
Limestone	82,782	2,281	4,965	2,718	1,176	68
Lowndes	11,299	314	681	385	180	9
Macon	21,452	508	1,341	733	325	17
Madison	334,811	9,131	20,131	10,986	4,726	272
Marengo	21,027	596	1,257	714	345	17
Marion	30,776	766	1,915	1,096	546	25
Marshall	93,019	2,672	5,512	3,068	1,425	76
Mobile	412,992	11,898	24,412	13,406	5,914	333
Monroe	23,068	671	1,368	775	371	19
Montgomery	229,363	6,452	13,604	7,331	3,104	184
Morgan	119,490	3,288	7,184	3,990	1,815	97
Perry	10,591	293	635	356	171	8
Pickens	19,746	529	1,204	687	335	16
Pike	32,899	768	2,048	1,085	453	26
Randolph	22,913	629	1,385	789	386	19
Russell	52,947	1,551	3,108	1,699	744	43
Shelby	195,085	5,739	11,428	6,172	2,551	158
St. Clair	83,593	2,277	5,035	2,771	1,223	68
Sumter	13,763	352	845	469	215	11
Talladega	82,291	2,215	4,984	2,771	1,258	67
Tallapoosa	41,616	1,059	2,575	1,471	720	34
Tuscaloosa	194,656	4,800	11,921	6,229	2,458	157
Walker	67,023	1,735	4,119	2,331	1,115	54
Washington	17,581	515	1,039	585	274	14
Wilcox	11,670	362	676	383	182	9
Winston	24,484	609	1,526	874	431	20

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Alaska	710,231	12,970	52,103	21,806	8,268	510
Aleutians East Borough	3,141	26	271	115	39	2
Aleutians West Census Area	5,561	56	462	194	62	4
Anchorage Municipality	291,826	5,246	21,468	8,872	3,262	209
Bethel Census Area	17,013	430	1,072	438	158	12
Bristol Bay Borough	997	16	77	34	14	1
Denali Borough	1,826	28	141	62	25	1
Dillingham Census Area	4,847	110	325	137	53	3
Fairbanks North Star Borough	97,581	1,731	7,184	2,919	1,026	70
Haines Borough	2,508	35	205	94	43	2
Hoonah-Angoon Census Area	2,150	29	176	79	36	2
Juneau City and Borough	31,275	508	2,390	1,022	401	22
Kenai Peninsula Borough	55,400	908	4,284	1,877	812	40
Ketchikan Gateway Borough	13,477	223	1,033	445	184	10
Kodiak Island Borough	13,592	270	962	401	147	10
Lake and Peninsula Borough	1,631	34	114	48	19	1
Matanuska-Susitna Borough	88,995	1,780	6,322	2,680	1,045	64
Nome Census Area	9,492	226	619	253	92	7
North Slope Borough	9,430	156	702	298	101	7
Northwest Arctic Borough	7,523	184	483	195	69	5
Petersburg Census Area	3,815	62	296	130	57	3
Prince of Wales-Hyder Census Area	5,559	99	417	183	77	4
Sitka City and Borough	8,881	145	688	295	125	6
Skagway Municipality	968	11	81	35	13	1
Southeast Fairbanks Census Area	7,029	128	521	224	92	5
Valdez-Cordova Census Area	9,636	163	728	319	128	7
Wade Hampton Census Area	7,459	215	432	172	60	5
Wrangell City and Borough	2,369	36	191	87	42	2
Yakutat City and Borough	662	11	50	22	9	0
Yukon-Koyukuk Census Area	5,588	107	408	177	75	4
Arizona	6,392,017	152,744	460,599	205,473	92,218	3,337
Apache	71,518	2,125	4,759	2,115	928	37
Cochise	131,346	2,836	9,860	4,530	2,208	69
Coconino	134,421	2,981	9,859	4,191	1,589	70
Gila	53,597	1,076	4,178	2,021	1,114	28
Graham	37,220	992	2,553	1,113	468	20
Greenlee	8,437	231	583	259	114	4
La Paz	20,489	345	1,657	843	525	11
Maricopa	3,817,117	94,502	270,565	118,825	50,819	1,991
Mohave	200,186	3,869	15,728	7,588	4,166	105
Navajo	107,449	2,998	7,373	3,322	1,520	56
Pima	980,263	21,127	73,245	33,057	15,344	511
Pinal	375,770	9,348	26,593	11,852	5,331	198
Santa Cruz	47,420	1,365	3,215	1,451	666	25
Yavapai	211,033	3,776	16,944	8,205	4,535	110
Yuma	195,751	5,174	13,488	6,101	2,891	102
Arkansas	2,915,918	64,473	172,413	96,229	43,911	2,400
Arkansas	19,019	401	1,146	657	317	16
Ashley	21,853	483	1,297	742	357	18
Baxter	41,513	680	2,672	1,661	971	34
Benton	221,339	5,605	12,425	6,751	2,911	182
Boone	36,903	778	2,221	1,286	641	30
Bradley	11,508	243	691	397	196	9
Calhoun	5,368	100	335	194	94	4
Carroll	27,446	560	1,674	984	499	23
Chicot	11,800	247	713	414	208	10
Clark	22,995	406	1,438	782	345	19
Clay	16,083	325	980	575	297	13
Cleburne	25,970	468	1,635	986	540	21
Cleveland	8,689	195	513	295	142	7
Columbia	24,552	507	1,479	827	387	20
Conway	21,273	466	1,265	728	356	18
Craighead	96,443	2,188	5,625	3,029	1,280	79
Crawford	61,948	1,482	3,575	1,997	900	51
Crittenden	50,902	1,342	2,826	1,544	652	42
Cross	17,870	407	1,050	599	285	15

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Arkansas continued						
Dallas	8,116	173	488	286	144	7
Desha	13,008	306	757	432	205	11
Drew	18,509	395	1,106	617	283	15
Faulkner	113,237	2,514	6,644	3,490	1,366	93
Franklin	18,125	402	1,073	615	298	15
Fulton	12,245	235	760	459	249	10
Garland	96,024	1,821	5,958	3,519	1,841	79
Grant	17,853	391	1,062	599	276	15
Greene	42,090	960	2,465	1,378	631	35
Hempstead	22,609	533	1,311	743	349	19
Hot Spring	32,923	696	1,981	1,128	534	27
Howard	13,789	328	797	452	214	11
Independence	36,647	797	2,182	1,235	583	30
Izard	13,696	238	870	525	287	11
Jackson	17,997	338	1,117	631	295	15
Jefferson	77,435	1,670	4,623	2,566	1,138	64
Johnson	25,540	574	1,502	840	387	21
Lafayette	7,645	161	461	272	140	6
Lawrence	17,415	362	1,051	607	302	14
Lee	10,424	196	647	362	167	9
Lincoln	14,134	249	889	481	202	12
Little River	13,171	284	788	455	223	11
Logan	22,353	498	1,325	768	380	18
Lonoke	68,356	1,706	3,871	2,105	888	56
Madison	15,717	344	937	537	256	13
Marion	16,653	270	1,080	661	363	14
Miller	43,462	956	2,574	1,429	641	36
Mississippi	46,480	1,187	2,614	1,446	636	38
Monroe	8,149	167	497	293	149	7
Montgomery	9,487	181	590	356	193	8
Nevada	8,997	193	539	312	155	7
Newton	8,330	157	520	309	162	7
Ouachita	26,120	557	1,572	913	449	21
Perry	10,445	218	632	364	176	9
Phillips	21,757	554	1,228	701	334	18
Pike	11,291	253	666	384	190	9
Poinsett	24,583	540	1,460	831	396	20
Polk	20,662	446	1,237	730	378	17
Pope	61,754	1,291	3,705	2,022	877	51
Prairie	8,715	170	538	317	163	7
Pulaski	382,748	8,354	22,722	12,408	5,288	313
Randolph	17,969	378	1,082	629	318	15
Saline	107,118	2,369	6,341	3,566	1,651	88
Scott	11,233	261	655	378	186	9
Searcy	8,195	152	514	308	163	7
Sebastian	125,744	2,889	7,344	4,065	1,803	103
Sevier	17,058	457	937	515	227	14
Sharp	17,264	337	1,065	647	360	14
St. Francis	28,258	605	1,690	927	398	24
Stone	12,394	232	776	471	257	10
Union	41,639	912	2,480	1,415	671	34
Van Buren	17,295	321	1,082	652	353	14
Washington	203,065	4,665	11,757	6,124	2,359	168
White	77,076	1,670	4,575	2,524	1,131	63
Woodruff	7,260	152	440	258	129	6
Yell	22,185	528	1,280	725	343	18
California	37,253,956	616,591	2,142,757	1,178,481	491,670	18,796
Alameda	1,510,271	22,595	89,705	49,163	20,160	760
Alpine	1,175	17	74	43	20	1
Amador	38,091	424	2,512	1,495	772	20
Butte	220,000	3,063	13,391	7,563	3,464	111
Calaveras	45,578	593	2,924	1,762	933	23
Colusa	21,419	425	1,155	643	279	11
Contra Costa	1,049,025	17,281	61,165	34,299	15,008	528
Del Norte	28,610	407	1,741	978	433	15
El Dorado	181,058	2,731	11,057	6,392	3,002	91
Fresno	930,450	18,409	49,721	27,034	10,932	470

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
California continued						
Glenn	28,122	522	1,566	883	399	14
Humboldt	134,623	1,795	8,305	4,634	2,011	68
Imperial	174,528	3,390	9,415	5,139	2,104	89
Inyo	18,546	259	1,155	683	348	9
Kern	839,631	16,855	44,572	24,047	9,398	426
Kings	152,982	2,822	8,348	4,423	1,619	79
Lake	64,665	907	4,023	2,359	1,171	33
Lassen	34,895	417	2,185	1,179	456	18
Los Angeles	9,818,605	159,352	566,147	308,756	125,611	4,947
Madera	150,865	2,842	8,270	4,562	1,933	76
Marin	252,409	3,464	15,773	9,179	4,449	127
Mariposa	18,251	215	1,196	717	376	9
Mendocino	87,841	1,291	5,355	3,079	1,448	44
Merced	255,793	5,353	13,302	7,191	2,853	129
Modoc	9,686	141	598	356	185	5
Mono	14,202	198	868	474	188	7
Monterey	415,057	7,364	23,192	12,653	5,168	211
Napa	136,484	2,089	8,149	4,641	2,154	69
Nevada	98,764	1,267	6,321	3,754	1,922	50
Orange	3,010,232	48,867	174,505	96,221	40,413	1,518
Placer	348,432	5,644	20,512	11,765	5,556	175
Plumas	20,007	239	1,308	784	410	10
Riverside	2,189,641	41,135	120,166	66,447	28,441	1,105
Sacramento	1,418,788	24,083	81,006	44,570	18,564	714
San Benito	55,269	1,066	3,023	1,661	678	28
San Bernardino	2,035,210	39,442	109,976	59,433	23,199	1,027
San Diego	3,095,313	48,038	181,080	99,026	40,726	1,564
San Francisco	805,235	7,133	53,026	28,983	12,061	408
San Joaquin	685,306	13,315	37,106	20,338	8,380	346
San Luis Obispo	269,637	3,373	16,916	9,556	4,342	137
San Mateo	718,451	10,599	43,215	24,245	10,708	362
Santa Barbara	423,895	6,504	24,848	13,697	5,851	214
Santa Clara	1,781,642	28,494	103,545	56,723	23,313	900
Santa Cruz	262,382	3,676	15,963	8,791	3,622	132
Shasta	177,223	2,630	10,758	6,236	3,033	89
Sierra	3,240	37	216	130	69	2
Siskiyou	44,900	619	2,818	1,676	864	23
Solano	413,344	6,735	24,130	13,398	5,664	209
Sonoma	483,878	7,063	29,359	16,618	7,489	244
Stanislaus	514,453	9,762	28,134	15,444	6,401	259
Sutter	94,737	1,732	5,275	2,943	1,294	48
Tehama	63,463	1,072	3,689	2,128	1,023	32
Trinity	13,786	167	899	538	279	7
Tulare	442,179	9,561	22,675	12,297	4,931	223
Tuolumne	55,365	642	3,601	2,132	1,095	28
Ventura	823,318	14,057	47,178	26,210	11,194	415
Yolo	200,849	3,027	11,726	6,267	2,402	101
Yuba	72,155	1,392	3,919	2,143	873	36
Colorado	5,029,196	111,063	349,083	161,229	66,724	2,583
Adams	441,603	11,429	29,190	12,842	4,861	227
Alamosa	15,445	347	1,066	493	206	8
Arapahoe	572,003	13,350	39,005	17,941	7,288	293
Archuleta	12,084	218	866	460	230	6
Baca	3,788	74	265	143	80	2
Bent	6,499	99	495	231	99	3
Boulder	294,567	5,687	21,349	9,663	3,819	151
Broomfield	55,889	1,328	3,790	1,737	701	29
Chaffee	17,809	271	1,333	690	350	9
Cheyenne	1,836	41	125	64	32	1
Clear Creek	9,088	142	679	344	153	5
Conejos	8,256	212	536	268	129	4
Costilla	3,524	67	248	135	74	2
Crowley	5,823	71	465	208	80	3
Custer	4,255	66	312	175	95	2
Delta	30,952	621	2,162	1,132	592	16
Denver	600,158	11,669	43,672	19,044	7,367	308
Dolores	2,064	42	144	75	38	1

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Colorado continued						
Douglas	285,465	7,885	18,253	8,335	3,168	146
Eagle	52,197	1,160	3,663	1,566	527	27
El Paso	622,263	14,741	42,259	19,306	7,795	319
Elbert	23,086	530	1,558	785	335	12
Fremont	46,824	744	3,499	1,736	835	25
Garfield	56,389	1,379	3,793	1,715	661	29
Gilpin	5,441	87	406	202	84	3
Grand	14,843	273	1,078	518	214	8
Gunnison	15,324	252	1,162	508	188	8
Hinsdale	843	15	61	32	16	0
Huerfano	6,711	108	490	273	154	3
Jackson	1,394	24	102	53	27	1
Jefferson	534,543	10,792	37,830	18,290	8,035	274
Kiowa	1,398	28	97	52	28	1
Kit Carson	8,270	167	585	285	134	4
La Plata	51,334	953	3,735	1,758	740	26
Lake	7,310	165	506	228	89	4
Larimer	299,630	5,805	21,634	9,952	4,153	154
Las Animas	15,507	294	1,107	562	278	8
Lincoln	5,467	101	395	193	92	3
Logan	22,709	412	1,660	786	352	12
Mesa	146,723	3,128	10,212	4,945	2,286	75
Mineral	712	9	54	30	16	0
Moffat	13,795	338	920	435	183	7
Montezuma	25,535	544	1,762	897	440	13
Montrose	41,276	922	2,804	1,429	718	21
Morgan	28,159	714	1,848	889	410	14
Otero	18,831	422	1,279	649	329	10
Ouray	4,436	72	325	175	87	2
Park	16,206	282	1,180	606	269	8
Phillips	4,442	102	298	155	83	2
Pitkin	17,148	272	1,292	616	258	9
Prowers	12,551	308	831	406	190	6
Pueblo	159,063	3,526	10,919	5,331	2,504	82
Rio Blanco	6,666	147	460	221	97	3
Rio Grande	11,982	274	809	408	199	6
Routt	23,509	445	1,707	789	303	12
Saguache	6,108	128	424	215	101	3
San Juan	699	12	52	26	11	0
San Miguel	7,359	131	544	247	91	4
Sedgwick	2,379	42	171	92	51	1
Summit	27,994	443	2,141	936	336	15
Teller	23,350	433	1,670	867	398	12
Washington	4,814	102	331	172	89	2
Weld	252,825	6,380	16,808	7,585	3,021	130
Yuma	10,043	240	671	331	160	5
Connecticut	3,574,097	91,741	252,453	121,417	55,163	2,444
Fairfield	916,829	25,492	63,223	30,325	13,680	627
Hartford	894,014	22,912	63,116	30,424	13,937	611
Litchfield	189,927	4,598	13,454	6,838	3,284	130
Middlesex	165,676	3,941	11,860	5,891	2,770	113
New Haven	862,477	21,669	61,397	29,291	13,277	589
New London	274,055	6,692	19,642	9,443	4,277	188
Tolland	152,691	3,468	11,290	5,203	2,186	105
Windham	118,428	2,970	8,469	4,001	1,751	81
Delaware	897,934	27,795	69,012	30,283	13,760	684
Kent	162,310	5,454	12,225	5,274	2,354	124
New Castle	538,479	16,896	41,751	17,699	7,585	410
Sussex	197,145	5,445	15,036	7,309	3,821	150
District of Columbia	601,723	18,103	51,962	20,256	7,928	356
Florida	18,801,310	362,664	1,242,462	659,733	318,769	12,839
Alachua	247,336	4,013	17,265	8,171	3,145	169
Baker	27,115	639	1,688	855	357	19
Bay	168,852	3,360	11,057	5,784	2,632	116

Association/State/County	Total Population²	Pediatric Asthma³	Adult Asthma⁴	Chronic Bronchitis⁵	Emphysema⁶	Lung Cancer^{7,8}
Florida continued						
Bradford	28,520	511	1,923	995	446	20
Brevard	543,376	9,758	36,345	20,260	10,478	371
Broward	1,748,066	35,464	113,898	59,348	26,843	1,192
Calhoun	14,625	284	966	504	233	10
Charlotte	159,978	2,073	11,394	6,923	4,322	109
Citrus	141,236	2,029	9,878	5,945	3,633	96
Clay	190,865	4,546	11,794	6,109	2,639	130
Collier	321,520	5,677	21,676	12,308	7,019	220
Columbia	67,531	1,377	4,387	2,322	1,084	47
DeSoto	34,862	710	2,279	1,191	580	24
Dixie	16,422	285	1,107	613	310	11
Duval	864,263	18,442	55,658	27,920	11,544	589
Escambia	297,619	5,814	19,638	10,132	4,557	204
Flagler	95,696	1,725	6,396	3,652	2,031	65
Franklin	11,549	179	803	426	203	8
Gadsden	46,389	1,015	2,947	1,551	701	32
Gilchrist	16,939	329	1,116	594	285	12
Glades	12,884	219	880	476	246	9
Gulf	15,863	233	1,115	586	271	11
Hamilton	14,799	264	1,000	509	220	10
Hardee	27,731	695	1,696	849	372	19
Hendry	39,140	986	2,391	1,180	495	27
Hernando	172,778	3,095	11,574	6,638	3,766	118
Highlands	98,786	1,629	6,758	3,984	2,463	67
Hillsborough	1,229,226	26,661	78,836	39,562	16,657	839
Holmes	19,927	388	1,312	700	339	14
Indian River	138,028	2,352	9,353	5,411	3,125	94
Jackson	49,746	898	3,345	1,753	811	35
Jefferson	14,761	249	1,002	544	259	10
Lafayette	8,870	162	600	294	121	6
Lake	297,052	5,595	19,690	11,092	6,142	203
Lee	618,754	10,953	41,677	23,276	12,637	423
Leon	275,487	4,891	18,830	8,853	3,290	187
Levy	40,801	782	2,682	1,495	765	28
Liberty	8,365	161	555	276	111	6
Madison	19,224	379	1,261	668	314	13
Manatee	322,833	6,006	21,451	12,053	6,568	220
Marion	331,298	5,816	22,332	12,719	7,186	226
Martin	146,318	2,333	10,046	5,848	3,371	100
Miami-Dade	2,496,435	49,453	164,428	83,768	37,194	1,702
Monroe	73,090	997	5,167	2,836	1,353	51
Nassau	73,314	1,443	4,789	2,605	1,249	50
Okaloosa	180,822	3,660	11,792	6,125	2,746	124
Okeechobee	39,996	868	2,558	1,347	651	28
Orange	1,145,956	24,480	74,128	35,871	13,924	784
Osceola	268,685	6,381	16,707	8,383	3,493	184
Palm Beach	1,320,134	24,366	88,176	48,276	25,367	900
Pasco	464,697	8,933	30,656	16,857	8,774	317
Pinellas	916,542	14,761	62,901	35,037	18,197	624
Polk	602,095	12,844	38,662	20,655	10,229	411
Putnam	74,364	1,521	4,807	2,657	1,352	51
Santa Rosa	151,372	3,281	9,649	5,038	2,226	104
Sarasota	379,448	5,413	26,645	15,776	9,518	258
Seminole	422,718	8,806	27,341	14,004	5,979	288
St. Johns	190,039	3,974	12,203	6,611	3,147	130
St. Lucie	277,789	5,619	18,082	9,872	5,082	190
Sumter	93,420	771	7,063	4,429	2,990	64
Suwannee	41,551	856	2,687	1,467	743	29
Taylor	22,570	403	1,519	802	372	16
Union	15,535	273	1,049	535	215	11
Volusia	494,593	8,452	33,549	18,563	9,646	338
Wakulla	30,776	628	2,001	1,022	424	21
Walton	55,043	1,027	3,656	1,963	932	38
Washington	24,896	478	1,647	864	399	17

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Georgia	9,687,653	223,922	557,786	303,025	124,458	7,113
Appling	18,236	422	1,053	596	269	13
Atkinson	8,375	218	461	250	104	6
Bacon	11,096	254	643	358	160	8
Baker	3,451	72	206	120	57	3
Baldwin	45,720	840	2,823	1,525	633	34
Banks	18,395	417	1,068	599	263	14
Barrow	69,367	1,761	3,854	2,059	812	51
Bartow	100,157	2,409	5,684	3,115	1,291	74
Ben Hill	17,634	420	1,010	570	261	13
Berrien	19,286	444	1,117	628	285	14
Bibb	155,547	3,606	8,972	4,974	2,180	113
Bleckley	13,063	265	789	436	199	10
Brantley	18,411	440	1,049	589	259	14
Brooks	16,243	346	966	555	264	12
Bryan	30,233	796	1,652	909	366	22
Bulloch	70,217	1,294	4,327	2,177	783	52
Burke	23,316	592	1,298	730	320	17
Butts	23,655	479	1,423	788	341	18
Calhoun	6,694	119	417	228	95	5
Camden	50,513	1,227	2,853	1,513	585	37
Candler	10,998	253	637	360	166	8
Carroll	110,527	2,528	6,395	3,437	1,409	81
Catoosa	63,942	1,433	3,734	2,090	937	47
Charlton	12,171	237	740	407	174	9
Chatham	265,128	5,393	15,943	8,621	3,640	194
Chattahoochee	11,267	274	635	283	71	9
Chattooga	26,015	526	1,570	883	403	19
Cherokee	214,346	5,295	12,017	6,538	2,603	158
Clarke	116,714	1,835	7,466	3,619	1,213	85
Clay	3,183	64	193	116	60	2
Clayton	259,424	6,739	14,227	7,394	2,622	190
Clinch	6,798	166	385	217	97	5
Cobb	688,078	15,861	39,529	21,216	8,187	505
Coffee	42,356	998	2,425	1,317	548	31
Colquitt	45,498	1,131	2,562	1,411	624	34
Columbia	124,053	3,039	6,984	3,872	1,608	91
Cook	17,212	421	976	545	246	13
Coweta	127,317	3,130	7,164	3,935	1,630	94
Crawford	12,630	258	757	434	195	9
Crisp	23,439	550	1,348	767	352	17
Dade	16,633	322	1,015	571	259	12
Dawson	22,330	457	1,340	765	348	16
Decatur	27,842	636	1,616	910	414	20
DeKalb	691,893	14,841	40,746	21,498	8,179	506
Dodge	21,796	456	1,301	725	324	16
Dooly	14,918	284	914	514	229	11
Dougherty	94,565	2,187	5,458	2,980	1,274	69
Douglas	132,403	3,373	7,332	3,933	1,521	97
Early	11,008	261	633	365	177	8
Echols	4,034	106	221	117	47	3
Effingham	52,250	1,340	2,887	1,572	627	39
Elbert	20,166	422	1,208	697	338	15
Emanuel	22,598	517	1,312	737	335	17
Evans	11,000	255	636	352	158	8
Fannin	23,682	407	1,502	913	488	17
Fayette	106,567	2,525	6,080	3,572	1,633	78
Floyd	96,317	2,107	5,676	3,173	1,440	71
Forsyth	175,511	4,800	9,441	5,148	2,059	129
Franklin	22,084	445	1,338	768	371	16
Fulton	920,581	19,744	54,225	28,589	10,889	675
Gilmer	28,292	560	1,723	1,011	501	21
Glascock	3,082	73	177	101	48	2
Glynn	79,626	1,728	4,706	2,684	1,254	58
Gordon	55,186	1,337	3,130	1,721	735	41
Grady	25,011	578	1,447	816	374	18
Greene	15,994	296	996	597	314	12
Gwinnett	805,321	21,094	43,993	23,256	8,459	593
Habersham	43,041	926	2,554	1,440	671	31

Association/State/County	Total Population²	Pediatric Asthma³	Adult Asthma⁴	Chronic Bronchitis⁵	Emphysema⁶	Lung Cancer^{7,8}
Georgia continued						
Hall	179,684	4,509	10,055	5,469	2,295	133
Hancock	9,429	154	600	344	159	7
Haralson	28,780	650	1,678	944	429	21
Harris	32,024	685	1,893	1,098	498	24
Hart	25,213	504	1,533	894	444	19
Heard	11,834	274	683	387	174	9
Henry	203,922	5,362	11,146	6,005	2,330	149
Houston	139,900	3,369	7,935	4,322	1,775	103
Irwin	9,538	208	564	318	149	7
Jackson	60,485	1,442	3,451	1,907	821	45
Jasper	13,900	312	809	458	203	10
Jeff Davis	15,068	374	847	473	209	11
Jefferson	16,930	384	986	561	262	12
Jenkins	8,340	201	476	273	129	6
Johnson	9,980	188	613	346	155	8
Jones	28,669	672	1,645	931	412	21
Lamar	18,317	348	1,123	622	273	13
Lanier	10,078	249	567	307	127	7
Laurens	48,434	1,121	2,801	1,581	726	35
Lee	28,298	713	1,572	857	335	21
Liberty	63,453	1,725	3,416	1,744	601	47
Lincoln	7,996	148	495	293	144	6
Long	14,464	397	776	406	149	11
Lowndes	109,233	2,424	6,379	3,325	1,282	80
Lumpkin	29,966	561	1,843	1,009	430	22
Macon	14,740	292	891	497	214	11
Madison	28,120	618	1,651	936	421	21
Marion	8,742	188	516	298	136	6
McDuffie	21,875	512	1,258	715	326	16
McIntosh	14,333	277	878	518	255	11
Meriwether	21,992	468	1,308	756	361	16
Miller	6,125	129	367	213	107	4
Mitchell	23,498	524	1,373	764	338	18
Monroe	26,424	535	1,590	913	415	20
Montgomery	9,123	187	547	303	131	7
Morgan	17,868	399	1,046	608	291	13
Murray	39,628	957	2,247	1,232	514	29
Muscogee	189,885	4,368	10,973	5,950	2,500	139
Newton	99,958	2,595	5,507	2,978	1,206	73
Oconee	32,808	836	1,819	1,035	448	24
Oglethorpe	14,899	319	882	502	230	11
Paulding	142,324	3,873	7,660	4,027	1,477	105
Peach	27,695	568	1,658	897	370	20
Pickens	29,431	596	1,777	1,030	495	22
Pierce	18,758	440	1,079	611	280	14
Pike	17,869	435	1,012	570	252	13
Polk	41,475	993	2,368	1,322	593	31
Pulaski	12,010	232	735	420	197	9
Putnam	21,218	414	1,299	762	380	16
Quitman	2,513	46	157	94	50	2
Rabun	16,276	308	1,008	603	319	12
Randolph	7,719	155	468	274	136	6
Richmond	200,549	4,431	11,737	6,358	2,639	147
Rockdale	85,215	2,059	4,825	2,677	1,123	62
Schley	5,010	135	273	153	70	4
Screven	14,593	332	849	488	229	11
Seminole	8,729	180	526	311	159	6
Spalding	64,073	1,457	3,723	2,079	927	47
Stephens	26,175	535	1,579	908	437	19
Stewart	6,058	85	398	213	91	5
Sumter	32,819	746	1,907	1,043	451	24
Talbot	6,865	132	420	251	122	5
Taliaferro	1,717	29	109	65	33	1
Tattnell	25,520	486	1,561	842	347	20
Taylor	8,906	196	524	300	140	7
Telfair	16,500	298	1,025	567	248	13
Terrell	9,315	207	546	314	147	7
Thomas	44,720	1,001	2,617	1,497	703	33

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Georgia continued						
Tift	40,118	931	2,315	1,271	554	29
Toombs	27,223	684	1,528	857	392	20
Towns	10,471	147	700	427	250	8
Treutlen	6,885	154	402	225	101	5
Troup	67,044	1,600	3,826	2,128	931	49
Turner	8,930	198	525	298	141	7
Twiggs	9,023	167	558	329	158	7
Union	21,356	341	1,387	855	489	16
Upson	27,153	577	1,617	926	439	20
Walker	68,756	1,461	4,090	2,326	1,081	51
Walton	83,768	2,030	4,750	2,644	1,151	61
Ware	36,312	769	2,164	1,219	566	27
Warren	5,834	123	349	205	103	4
Washington	21,187	453	1,255	709	319	16
Wayne	30,099	671	1,759	977	429	22
Webster	2,799	64	163	94	44	2
Wheeler	7,421	126	467	253	105	6
White	27,144	557	1,637	953	470	20
Whitfield	102,599	2,632	5,693	3,095	1,302	76
Wilcox	9,255	161	581	322	143	7
Wilkes	10,593	212	644	379	191	8
Wilkinson	9,563	209	564	328	157	7
Worth	21,679	480	1,271	727	337	16
Hawaii	1,360,301	33,501	99,328	46,062	20,814	747
Hawaii	185,079	4,662	13,426	6,404	2,964	102
Honolulu	953,207	23,211	69,772	32,108	14,462	523
Kalawao	90	0	8	4	2	0
Kauai	67,091	1,679	4,870	2,329	1,086	37
Maui	154,834	3,949	11,252	5,217	2,300	85
Idaho	1,567,582	19,744	100,226	48,928	21,407	871
Ada	392,365	4,772	25,307	12,137	4,968	218
Adams	3,976	35	296	156	82	2
Bannock	82,839	1,045	5,242	2,515	1,046	46
Bear Lake	5,986	75	391	202	104	3
Benewah	9,285	101	642	331	169	5
Bingham	45,607	692	2,694	1,317	577	25
Blaine	21,376	239	1,453	716	311	12
Boise	7,028	69	510	263	129	4
Bonner	40,877	407	2,911	1,494	739	23
Bonneville	104,234	1,509	6,268	3,033	1,288	58
Boundary	10,972	129	738	378	188	6
Butte	2,891	38	188	97	50	2
Camas	1,117	11	79	40	19	1
Canyon	188,923	2,738	11,287	5,426	2,276	105
Caribou	6,963	93	442	224	110	4
Cassia	22,952	349	1,353	668	304	13
Clark	982	14	59	29	13	1
Clearwater	8,761	72	655	344	184	5
Custer	4,368	39	320	166	84	2
Elmore	27,038	353	1,677	794	317	15
Franklin	12,786	207	729	360	166	7
Fremont	13,242	191	803	400	187	7
Gem	16,719	189	1,135	584	299	9
Gooding	15,464	210	960	479	227	9
Idaho	16,267	157	1,171	615	327	9
Jefferson	26,140	427	1,476	709	294	15
Jerome	22,374	320	1,352	655	280	12
Kootenai	138,494	1,576	9,269	4,612	2,130	77
Latah	37,244	321	2,594	1,207	457	21
Lemhi	7,936	73	582	308	167	4
Lewis	3,821	39	271	143	78	2
Lincoln	5,208	78	309	150	65	3
Madison	37,536	449	2,284	988	283	21
Minidoka	20,069	271	1,259	631	300	11
Nez Perce	39,265	392	2,731	1,381	679	22
Oneida	4,286	59	270	139	70	2

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Idaho continued						
Owyhee	11,526	155	724	361	168	6
Payette	22,623	298	1,433	719	345	13
Power	7,817	111	478	235	105	4
Shoshone	12,765	122	915	474	245	7
Teton	10,170	139	619	286	101	6
Twin Falls	77,230	973	4,937	2,433	1,106	43
Valley	9,862	90	721	369	180	6
Washington	10,198	116	691	360	191	6
Illinois	12,830,632	307,858	887,265	416,066	180,237	9,322
Adams	67,103	1,521	4,609	2,326	1,142	49
Alexander	8,238	185	566	287	140	6
Bond	17,768	359	1,279	618	282	13
Boone	54,165	1,543	3,503	1,665	726	39
Brown	6,937	110	543	241	98	5
Bureau	34,978	802	2,372	1,228	615	25
Calhoun	5,089	110	349	185	96	4
Carroll	15,387	311	1,064	576	305	11
Cass	13,642	335	921	455	216	10
Champaign	201,081	3,845	15,383	6,422	2,398	147
Christian	34,800	765	2,407	1,221	599	25
Clark	16,335	366	1,119	574	286	12
Clay	13,815	311	944	486	241	10
Clinton	37,762	844	2,639	1,279	582	28
Coles	53,873	978	4,083	1,826	776	39
Cook	5,194,675	121,236	365,672	166,900	70,157	3,766
Crawford	19,817	399	1,411	705	337	15
Cumberland	11,048	256	753	381	185	8
De Witt	16,561	376	1,134	576	279	12
DeKalb	105,160	2,311	7,714	3,275	1,245	77
Douglas	19,980	509	1,325	663	318	15
DuPage	916,924	22,375	62,670	29,894	12,814	666
Edgar	18,576	405	1,276	664	335	13
Edwards	6,721	151	459	237	118	5
Effingham	34,242	831	2,313	1,150	541	25
Fayette	22,140	490	1,543	762	361	16
Ford	14,081	329	948	493	251	10
Franklin	39,561	882	2,718	1,390	696	29
Fulton	37,069	763	2,616	1,321	649	27
Gallatin	5,589	116	387	204	106	4
Greene	13,886	315	951	484	237	10
Grundy	50,063	1,344	3,337	1,553	655	36
Hamilton	8,457	190	575	301	156	6
Hancock	19,104	413	1,307	693	358	14
Hardin	4,320	86	301	161	84	3
Henderson	7,331	147	506	276	146	5
Henry	50,486	1,190	3,402	1,750	862	37
Iroquois	29,718	690	1,995	1,051	538	22
Jackson	60,218	1,056	4,672	1,987	779	44
Jasper	9,698	217	663	343	169	7
Jefferson	38,827	846	2,712	1,347	640	28
Jersey	22,985	515	1,590	792	374	17
Jo Daviess	22,678	464	1,557	852	453	17
Johnson	12,582	240	908	454	217	9
Kane	515,269	14,678	33,785	15,396	6,231	375
Kankakee	113,449	2,829	7,698	3,678	1,645	82
Kendall	114,736	3,548	7,406	3,172	1,164	84
Knox	52,919	1,070	3,746	1,899	940	39
Lake	703,462	18,956	46,627	21,951	9,168	513
LaSalle	113,924	2,579	7,831	3,943	1,895	83
Lawrence	16,833	316	1,238	593	272	13
Lee	36,031	761	2,529	1,268	597	26
Livingston	38,950	862	2,706	1,348	636	28
Logan	30,305	596	2,198	1,059	488	22
Macon	110,768	2,488	7,644	3,833	1,837	80
Macoupin	47,765	1,060	3,291	1,674	817	35
Madison	269,282	6,026	18,844	9,096	4,119	196
Marion	39,437	909	2,680	1,374	680	29

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Illinois continued						
Marshall	12,640	270	868	460	236	9
Mason	14,666	317	1,007	528	269	11
Massac	15,429	346	1,055	544	273	11
McDonough	32,612	516	2,563	1,121	471	24
McHenry	308,760	8,281	20,461	9,685	4,032	225
McLean	169,572	3,779	12,275	5,363	2,101	123
Menard	12,705	295	860	442	211	9
Mercer	16,434	366	1,119	587	295	12
Monroe	32,957	794	2,225	1,114	515	24
Montgomery	30,104	628	2,119	1,066	517	22
Morgan	35,547	746	2,504	1,250	598	26
Moultrie	14,846	364	991	506	252	11
Ogle	53,497	1,303	3,595	1,808	855	39
Peoria	186,494	4,417	12,875	6,148	2,764	135
Perry	22,350	456	1,603	777	360	17
Piatt	16,729	394	1,124	582	283	12
Pike	16,430	365	1,125	582	296	12
Pope	4,470	80	320	170	89	3
Pulaski	6,161	138	419	219	110	4
Putnam	6,006	126	415	219	109	4
Randolph	33,476	652	2,418	1,187	553	25
Richland	16,233	355	1,119	576	292	12
Rock Island	147,546	3,265	10,259	5,097	2,422	107
Saline	24,913	561	1,705	874	438	18
Sangamon	197,465	4,606	13,580	6,644	3,012	143
Schuyler	7,544	155	528	273	136	6
Scott	5,355	125	360	188	94	4
Shelby	22,363	497	1,525	799	406	16
St. Clair	270,056	6,748	18,335	8,723	3,818	196
Stark	5,994	139	402	213	111	4
Stephenson	47,711	1,064	3,256	1,697	860	35
Tazewell	135,394	3,132	9,297	4,608	2,173	98
Union	17,808	377	1,238	638	317	13
Vermilion	81,625	1,961	5,512	2,772	1,336	59
Wabash	11,947	261	825	423	210	9
Warren	17,707	386	1,237	615	296	13
Washington	14,716	321	1,018	520	253	11
Wayne	16,760	372	1,147	596	305	12
White	14,665	302	1,016	541	284	11
Whiteside	58,498	1,352	3,968	2,039	1,010	43
Will	677,560	19,377	44,332	20,226	8,116	493
Williamson	66,357	1,445	4,639	2,300	1,093	48
Winnebago	295,266	7,239	20,041	9,727	4,408	214
Woodford	38,664	983	2,564	1,285	604	28
Indiana	6,483,802	141,400	464,302	210,953	92,994	5,075
Adams	34,387	942	2,239	1,040	484	27
Allen	355,329	8,437	24,761	11,136	4,801	278
Bartholomew	76,794	1,702	5,450	2,515	1,144	60
Benton	8,854	201	619	296	142	7
Blackford	12,766	256	925	450	223	10
Boone	56,640	1,399	3,884	1,792	788	44
Brown	15,242	279	1,135	567	281	12
Carroll	20,155	436	1,433	688	330	16
Cass	38,966	887	2,729	1,283	604	31
Clark	110,232	2,295	8,021	3,640	1,591	86
Clay	26,890	566	1,935	909	425	21
Clinton	33,224	778	2,308	1,076	499	26
Crawford	10,713	219	777	372	175	8
Daviess	31,648	802	2,132	994	462	25
Dearborn	50,047	1,100	3,569	1,666	751	39
Decatur	25,740	577	1,817	850	393	20
DeKalb	42,223	979	2,955	1,367	615	33
Delaware	117,671	2,073	8,946	3,993	1,767	92
Dubois	41,889	938	2,955	1,394	650	33
Elkhart	197,559	4,939	13,476	6,076	2,652	155
Fayette	24,277	512	1,737	833	405	19
Floyd	74,578	1,576	5,394	2,486	1,104	58

Association/State/County	Total Population²	Pediatric Asthma³	Adult Asthma⁴	Chronic Bronchitis⁵	Emphysema⁶	Lung Cancer^{7,8}
Indiana continued						
Fountain	17,240	367	1,226	595	296	14
Franklin	23,087	530	1,615	763	354	18
Fulton	20,836	454	1,475	709	345	16
Gibson	33,503	716	2,397	1,133	534	26
Grant	70,061	1,334	5,184	2,430	1,147	55
Greene	33,165	693	2,384	1,138	545	26
Hamilton	274,569	7,292	18,461	8,058	3,189	215
Hancock	70,002	1,612	4,916	2,276	1,017	55
Harrison	39,364	818	2,854	1,335	608	31
Hendricks	145,448	3,509	10,109	4,513	1,892	114
Henry	49,462	971	3,626	1,723	821	39
Howard	82,752	1,722	5,954	2,844	1,368	64
Huntington	37,124	773	2,684	1,253	579	29
Jackson	42,376	916	3,030	1,405	643	33
Jasper	33,478	756	2,360	1,097	503	26
Jay	21,253	496	1,473	697	332	17
Jefferson	32,428	645	2,379	1,108	508	25
Jennings	28,525	662	1,999	919	408	22
Johnson	139,654	3,244	9,798	4,434	1,933	109
Knox	38,440	720	2,862	1,329	618	30
Kosciusko	77,358	1,742	5,466	2,523	1,140	61
LaGrange	37,128	1,126	2,315	1,046	462	29
Lake	496,005	11,190	35,054	16,130	7,237	387
LaPorte	111,467	2,232	8,172	3,793	1,725	88
Lawrence	46,134	956	3,322	1,597	772	36
Madison	131,636	2,672	9,578	4,463	2,079	103
Marion	903,393	19,914	64,968	28,268	11,496	704
Marshall	47,051	1,112	3,253	1,531	718	37
Martin	10,334	218	741	356	170	8
Miami	36,903	738	2,709	1,249	563	29
Monroe	137,974	1,976	11,160	4,509	1,648	108
Montgomery	38,124	803	2,739	1,288	607	30
Morgan	68,894	1,523	4,906	2,283	1,024	54
Newton	14,244	288	1,032	500	243	11
Noble	47,536	1,130	3,303	1,515	671	37
Ohio	6,128	114	455	220	107	5
Orange	19,840	430	1,411	673	322	16
Owen	21,575	441	1,568	750	352	17
Parke	17,339	326	1,289	608	285	13
Perry	19,338	364	1,439	674	312	15
Pike	12,845	253	938	454	222	10
Porter	164,343	3,510	11,869	5,419	2,367	129
Posey	25,910	540	1,873	892	415	20
Pulaski	13,402	281	960	464	226	11
Putnam	37,963	703	2,855	1,289	565	30
Randolph	26,171	561	1,859	896	440	20
Ripley	28,818	667	2,007	946	445	23
Rush	17,392	379	1,234	589	282	14
Scott	24,181	511	1,747	806	361	19
Shelby	44,436	953	3,188	1,492	683	35
Spencer	20,952	445	1,502	720	341	16
St. Joseph	266,931	5,790	19,132	8,689	3,853	208
Starke	23,363	501	1,669	793	375	18
Steuben	34,185	689	2,496	1,171	543	27
Sullivan	21,475	404	1,602	741	338	17
Switzerland	10,613	239	747	351	164	8
Tippecanoe	172,780	3,140	13,246	5,384	1,972	136
Tipton	15,936	326	1,150	559	275	12
Union	7,516	166	533	252	117	6
Vanderburgh	179,703	3,508	13,275	6,083	2,747	140
Vermillion	16,212	329	1,173	567	277	13
Vigo	107,848	2,026	8,083	3,610	1,569	85
Wabash	32,888	656	2,385	1,151	572	26
Warren	8,508	175	613	297	144	7
Warrick	59,689	1,357	4,204	1,971	897	47
Washington	28,262	627	2,008	934	424	22
Wayne	68,917	1,396	5,000	2,369	1,135	54
Wells	27,636	607	1,956	935	447	22

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Indiana continued						
White	24,643	524	1,755	854	422	19
Whitley	33,292	719	2,382	1,121	515	26
Iowa	3,046,355	45,324	181,629	101,910	47,066	2,115
Adair	7,682	107	462	281	150	5
Adams	4,029	53	247	151	80	3
Allamakee	14,330	206	857	513	265	10
Appanoose	12,887	180	777	465	242	9
Audubon	6,119	83	370	229	126	4
Benton	26,076	414	1,520	876	418	18
Black Hawk	131,090	1,774	8,057	4,370	1,917	91
Boone	26,306	391	1,566	904	433	18
Bremer	24,276	343	1,466	835	405	17
Buchanan	20,958	353	1,195	688	329	15
Buena Vista	20,260	315	1,190	671	314	14
Butler	14,867	218	884	529	275	10
Calhoun	9,670	128	590	365	202	7
Carroll	20,816	322	1,218	721	369	14
Cass	13,956	198	836	506	269	10
Cedar	18,499	282	1,090	639	314	13
Cerro Gordo	44,151	591	2,704	1,586	787	31
Cherokee	12,072	159	739	452	242	8
Chickasaw	12,439	189	732	439	227	9
Clarke	9,286	146	542	314	154	6
Clay	16,667	238	1,001	589	297	12
Clayton	18,129	262	1,083	653	338	13
Clinton	49,116	722	2,931	1,701	830	34
Crawford	17,096	281	983	566	276	12
Dallas	66,135	1,197	3,700	1,955	788	46
Davis	8,753	159	483	284	143	6
Decatur	8,457	119	510	292	144	6
Delaware	17,764	279	1,037	609	300	12
Des Moines	40,325	582	2,418	1,409	697	28
Dickinson	16,667	201	1,043	639	343	12
Dubuque	93,653	1,385	5,590	3,154	1,474	65
Emmet	10,302	148	618	362	183	7
Fayette	20,880	292	1,260	745	382	15
Floyd	16,303	242	965	577	302	11
Franklin	10,680	159	633	376	193	7
Fremont	7,441	106	447	269	140	5
Greene	9,336	134	557	340	181	6
Grundy	12,453	185	739	439	224	9
Guthrie	10,954	163	648	392	206	8
Hamilton	15,673	235	928	547	275	11
Hancock	11,341	165	676	407	210	8
Hardin	17,534	252	1,047	628	333	12
Harrison	14,928	224	884	523	263	10
Henry	20,145	291	1,211	690	328	14
Howard	9,566	150	556	331	172	7
Humboldt	9,815	141	587	353	186	7
Ida	7,089	106	419	254	135	5
Iowa	16,355	250	963	566	281	11
Jackson	19,848	287	1,187	707	359	14
Jasper	36,842	524	2,222	1,283	619	26
Jefferson	16,843	191	1,080	620	285	12
Johnson	130,882	1,614	8,312	4,117	1,465	91
Jones	20,638	288	1,250	729	358	14
Keokuk	10,511	152	628	375	193	7
Kossuth	15,543	221	930	572	310	11
Lee	35,862	496	2,179	1,269	618	25
Linn	211,226	3,228	12,519	6,861	3,013	146
Louisa	11,387	183	661	379	179	8
Lucas	8,898	135	522	316	167	6
Lyon	11,581	200	653	380	188	8
Madison	15,679	266	893	513	243	11
Mahaska	22,381	339	1,325	755	361	16
Marion	33,309	521	1,952	1,109	526	23
Marshall	40,648	642	2,370	1,368	665	28

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Iowa continued						
Mills	15,059	238	881	508	234	10
Mitchell	10,776	166	629	383	208	7
Monona	9,243	128	557	346	193	6
Monroe	7,970	120	471	277	141	6
Montgomery	10,740	156	640	386	202	7
Muscatine	42,745	695	2,476	1,393	635	30
O'Brien	14,398	211	855	513	270	10
Osceola	6,462	93	387	231	120	4
Page	15,932	218	967	575	297	11
Palo Alto	9,421	129	571	342	181	7
Plymouth	24,986	404	1,444	846	417	17
Pocahontas	7,310	98	445	276	149	5
Polk	430,640	6,844	25,271	13,466	5,534	298
Pottawattamie	93,158	1,400	5,540	3,116	1,427	65
Poweshiek	18,914	246	1,167	672	332	13
Ringgold	5,131	77	301	186	104	4
Sac	10,350	145	622	382	208	7
Scott	165,224	2,526	9,789	5,429	2,408	114
Shelby	12,167	178	722	440	235	8
Sioux	33,704	563	1,933	1,063	484	23
Story	89,542	993	5,820	2,870	1,048	63
Tama	17,767	283	1,030	608	310	12
Taylor	6,317	92	376	227	121	4
Union	12,534	183	748	437	218	9
Van Buren	7,570	113	447	267	139	5
Wapello	35,625	505	2,151	1,227	587	25
Warren	46,225	748	2,684	1,501	676	32
Washington	21,704	340	1,267	743	370	15
Wayne	6,403	93	380	232	126	4
Webster	38,013	524	2,313	1,323	635	27
Winnebago	10,866	147	663	392	200	8
Winneshiek	21,056	268	1,311	741	352	15
Woodbury	102,172	1,694	5,886	3,233	1,428	71
Worth	7,598	109	455	271	137	5
Wright	13,229	192	788	476	253	9
Kansas	2,853,118	54,726	182,932	92,038	40,872	1,897
Allen	13,371	237	873	465	233	9
Anderson	8,102	155	515	280	148	5
Atchison	16,924	308	1,104	561	261	11
Barber	4,861	82	320	177	93	3
Barton	27,674	511	1,785	944	463	18
Bourbon	15,173	293	965	510	253	10
Brown	9,984	191	634	344	176	7
Butler	65,880	1,336	4,127	2,109	939	44
Chase	2,790	46	185	102	54	2
Chautauqua	3,669	57	246	140	78	2
Cherokee	21,603	406	1,385	731	351	14
Cheyenne	2,726	44	181	105	61	2
Clark	2,215	42	140	79	43	1
Clay	8,535	152	554	303	160	6
Cloud	9,533	161	632	339	176	6
Coffey	8,601	157	553	301	150	6
Comanche	1,891	33	123	71	40	1
Cowley	36,311	668	2,353	1,217	577	24
Crawford	39,134	657	2,634	1,283	561	26
Decatur	2,961	42	202	119	69	2
Dickinson	19,754	369	1,267	681	343	13
Doniphan	7,945	134	529	274	130	5
Douglas	110,826	1,591	7,862	3,503	1,249	74
Edwards	3,037	54	196	109	56	2
Elk	2,882	46	191	110	62	2
Ellis	28,452	450	1,947	943	405	19
Ellsworth	6,497	92	450	241	120	4
Finney	36,776	887	2,165	1,034	403	25
Ford	33,848	788	2,028	967	391	23
Franklin	25,992	508	1,649	851	392	17
Geary	34,362	799	2,080	930	333	23

Association/State/County	Total Population²	Pediatric Asthma³	Adult Asthma⁴	Chronic Bronchitis⁵	Emphysema⁶	Lung Cancer^{7,8}
Kansas continued						
Gove	2,695	45	177	101	57	2
Graham	2,597	37	177	102	58	2
Grant	7,829	185	463	230	97	5
Gray	6,006	137	359	182	82	4
Greeley	1,247	20	83	47	25	1
Greenwood	6,689	111	442	248	135	4
Hamilton	2,690	57	166	84	38	2
Harper	6,034	108	391	216	117	4
Harvey	34,684	666	2,210	1,164	573	23
Haskell	4,256	100	251	128	55	3
Hodgeman	1,916	35	123	70	37	1
Jackson	13,462	269	843	448	215	9
Jefferson	19,126	356	1,224	659	317	13
Jewell	3,077	43	210	125	74	2
Johnson	544,179	10,792	34,508	17,131	7,182	361
Kearny	3,977	89	239	123	57	3
Kingman	7,858	143	505	280	147	5
Kiowa	2,553	41	171	91	46	2
Labette	21,607	396	1,396	739	359	14
Lane	1,750	30	115	64	34	1
Leavenworth	76,227	1,441	4,910	2,448	1,029	51
Lincoln	3,241	59	208	118	63	2
Linn	9,656	169	629	347	180	6
Logan	2,756	47	181	100	53	2
Lyon	33,690	598	2,228	1,085	462	22
Marion	12,660	216	832	458	242	8
Marshall	10,117	176	660	367	196	7
McPherson	29,180	516	1,904	1,019	512	19
Meade	4,575	100	278	147	74	3
Miami	32,787	666	2,046	1,066	484	22
Mitchell	6,373	103	425	235	124	4
Montgomery	35,471	632	2,316	1,218	598	24
Morris	5,923	96	393	223	121	4
Morton	3,233	66	202	107	53	2
Nemaha	10,178	201	639	351	186	7
Neosho	16,512	307	1,062	563	279	11
Ness	3,107	52	204	117	67	2
Norton	5,671	85	387	206	103	4
Osage	16,295	305	1,040	566	282	11
Osborne	3,858	61	257	148	84	3
Ottawa	6,091	117	386	210	106	4
Pawnee	6,973	115	464	249	123	5
Phillips	5,642	103	362	202	107	4
Pottawatomie	21,604	483	1,305	662	294	14
Pratt	9,656	166	636	340	172	6
Rawlins	2,519	36	172	101	58	2
Reno	64,511	1,147	4,215	2,217	1,081	43
Republic	4,980	72	338	198	116	3
Rice	10,083	181	657	346	172	7
Riley	71,115	991	5,141	2,123	664	48
Rooks	5,181	92	336	185	96	3
Rush	3,307	48	225	128	71	2
Russell	6,970	112	465	260	142	5
Saline	55,606	1,049	3,576	1,832	842	37
Scott	4,936	93	315	170	86	3
Sedgwick	498,365	10,191	31,292	15,482	6,579	331
Seward	22,952	552	1,360	631	241	15
Shawnee	177,934	3,325	11,466	5,905	2,719	118
Sheridan	2,556	45	165	94	51	2
Sherman	6,010	102	398	213	108	4
Smith	3,853	58	259	152	88	3
Stafford	4,437	78	288	161	86	3
Stanton	2,235	49	136	70	34	1
Stevens	5,724	132	342	173	79	4
Sumner	24,132	475	1,518	811	392	16
Thomas	7,900	139	520	266	124	5
Trego	3,001	45	202	117	65	2
Wabaunsee	7,053	135	446	243	118	5

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Kansas continued						
Wallace	1,485	28	94	53	28	1
Washington	5,799	100	379	214	118	4
Wichita	2,234	46	138	75	38	1
Wilson	9,409	173	605	331	172	6
Woodson	3,309	50	224	127	69	2
Wyandotte	157,505	3,345	9,775	4,754	1,968	105
Kentucky	4,339,367	108,642	344,594	144,024	63,858	4,441
Adair	18,656	447	1,501	636	295	19
Allen	19,956	519	1,565	666	308	20
Anderson	21,421	578	1,660	694	302	22
Ballard	8,249	194	667	291	143	8
Barren	42,173	1,085	3,319	1,422	670	43
Bath	11,591	304	906	389	181	12
Bell	28,691	661	2,333	1,000	470	29
Boone	118,811	3,565	8,861	3,602	1,456	122
Bourbon	19,985	511	1,576	680	320	20
Boyd	49,542	1,125	4,045	1,748	838	51
Boyle	28,432	654	2,314	989	468	29
Bracken	8,488	228	658	280	128	9
Breathitt	13,878	342	1,107	470	211	14
Breckinridge	20,059	515	1,579	690	330	21
Bullitt	74,319	1,994	5,771	2,399	1,016	76
Butler	12,690	311	1,014	435	206	13
Caldwell	12,984	306	1,048	461	229	13
Calloway	37,191	713	3,170	1,285	567	38
Campbell	90,336	2,187	7,248	2,997	1,300	92
Carlisle	5,104	123	410	181	92	5
Carroll	10,811	289	841	352	156	11
Carter	27,720	690	2,204	937	433	28
Casey	15,955	400	1,266	547	262	16
Christian	73,955	2,237	5,503	2,145	852	76
Clark	35,613	888	2,830	1,204	550	36
Clay	21,730	507	1,763	720	304	23
Clinton	10,272	260	812	354	172	11
Crittenden	9,315	224	748	329	165	10
Cumberland	6,856	162	553	246	125	7
Daviess	96,656	2,506	7,589	3,229	1,492	99
Edmonson	12,161	282	987	427	205	12
Elliott	7,852	170	650	273	123	8
Estill	14,672	354	1,177	507	238	15
Fayette	295,803	6,649	24,259	9,559	3,763	303
Fleming	14,348	372	1,126	482	224	15
Floyd	39,451	942	3,177	1,345	603	40
Franklin	49,285	1,132	4,012	1,694	761	50
Fulton	6,813	145	565	246	120	7
Gallatin	8,589	244	653	272	117	9
Garrard	16,912	416	1,350	581	269	17
Grant	24,662	735	1,844	756	317	25
Graves	37,121	961	2,915	1,260	610	38
Grayson	25,746	652	2,036	872	407	27
Green	11,258	271	904	397	195	12
Greenup	36,910	884	2,968	1,295	632	38
Hancock	8,565	236	658	282	130	9
Hardin	105,543	2,911	8,123	3,310	1,379	108
Harlan	29,278	710	2,347	1,004	460	30
Harrison	18,846	486	1,481	638	299	19
Hart	18,199	483	1,418	611	287	19
Henderson	46,250	1,154	3,675	1,567	717	47
Henry	15,416	406	1,204	519	241	16
Hickman	4,902	112	399	179	94	5
Hopkins	46,920	1,156	3,742	1,607	756	48
Jackson	13,494	338	1,071	453	205	14
Jefferson	741,096	18,239	59,161	24,702	10,939	755
Jessamine	48,586	1,332	3,746	1,536	648	50
Johnson	23,356	557	1,881	801	364	24
Kenton	159,720	4,241	12,451	5,105	2,139	164
Knott	16,346	375	1,331	563	251	17

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Kentucky continued						
Knox	31,883	835	2,496	1,056	486	33
Larue	14,193	358	1,124	484	229	15
Laurel	58,849	1,519	4,628	1,938	855	60
Lawrence	15,860	391	1,265	540	247	16
Lee	7,887	163	660	276	121	8
Leslie	11,310	257	924	394	179	12
Letcher	24,519	576	1,983	850	388	25
Lewis	13,870	351	1,097	470	219	14
Lincoln	24,742	648	1,937	825	384	25
Livingston	9,519	207	785	349	174	10
Logan	26,835	699	2,103	908	432	27
Lyon	8,314	136	730	328	169	9
Madison	82,916	1,895	6,769	2,687	1,084	85
Magoffin	13,333	339	1,053	443	196	14
Marion	19,820	519	1,552	649	287	21
Marshall	31,448	694	2,586	1,148	583	32
Martin	12,929	293	1,058	428	176	14
Mason	17,490	453	1,374	590	277	18
McCracken	65,565	1,561	5,281	2,300	1,114	67
McCreary	18,306	437	1,475	604	257	19
McLean	9,531	236	759	330	161	10
Meade	28,602	829	2,162	884	366	29
Menifee	6,306	155	503	218	104	6
Mercer	21,331	535	1,692	737	353	22
Metcalfe	10,099	257	798	345	166	10
Monroe	10,963	270	874	383	188	11
Montgomery	26,499	690	2,078	866	380	27
Morgan	13,923	301	1,152	475	205	15
Muhlenberg	31,499	724	2,563	1,100	521	32
Nelson	43,437	1,198	3,341	1,395	603	44
Nicholas	7,135	183	562	242	114	7
Ohio	23,842	630	1,860	797	377	24
Oldham	60,316	1,783	4,522	1,887	774	63
Owen	10,841	283	849	365	170	11
Owsley	4,755	112	384	167	81	5
Pendleton	14,877	391	1,163	492	216	15
Perry	28,712	663	2,334	985	437	29
Pike	65,024	1,514	5,273	2,236	1,003	66
Powell	12,613	330	988	416	185	13
Pulaski	63,063	1,524	5,058	2,184	1,044	64
Robertson	2,282	52	186	82	41	2
Rockcastle	17,056	420	1,361	582	270	17
Rowan	23,333	484	1,953	768	313	24
Russell	17,565	416	1,417	618	303	18
Scott	47,173	1,345	3,588	1,436	566	48
Shelby	42,074	1,109	3,287	1,372	593	43
Simpson	17,327	453	1,357	577	265	18
Spencer	17,061	466	1,317	548	228	18
Taylor	24,512	580	1,979	843	398	25
Todd	12,460	360	942	398	184	13
Trigg	14,339	343	1,153	515	263	15
Trimble	8,809	235	686	291	130	9
Union	15,007	366	1,201	500	223	15
Warren	113,792	2,751	9,142	3,626	1,458	116
Washington	11,717	288	935	403	191	12
Wayne	20,813	499	1,674	723	344	21
Webster	13,621	339	1,084	463	216	14
Whitley	35,637	903	2,819	1,185	538	36
Wolfe	7,355	188	580	252	120	8
Woodford	24,939	637	1,966	846	381	25
Louisiana	4,533,372	92,882	227,998	146,496	63,204	3,540
Acadia Parish	61,773	1,401	2,998	1,953	869	48
Allen Parish	25,764	490	1,326	850	368	21
Ascension Parish	107,215	2,555	5,109	3,186	1,251	84
Assumption Parish	23,421	478	1,180	777	350	18
Avoyelles Parish	42,073	854	2,121	1,394	638	33
Beauregard Parish	35,654	772	1,759	1,142	506	28

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Louisiana continued						
Bienville Parish	14,353	278	734	502	253	11
Bossier Parish	116,979	2,495	5,801	3,690	1,573	91
Caddo Parish	254,969	5,205	12,833	8,348	3,734	198
Calcasieu Parish	192,768	4,072	9,597	6,209	2,719	150
Caldwell Parish	10,132	197	518	344	159	8
Cameron Parish	6,839	138	347	230	103	5
Catahoula Parish	10,407	195	538	355	162	8
Claiborne Parish	17,195	281	921	608	283	14
Concordia Parish	20,822	435	1,040	688	318	16
De Soto Parish	26,656	552	1,336	894	415	21
East Baton Rouge Parish	440,171	8,612	22,455	13,998	5,681	342
East Carroll Parish	7,759	166	385	246	107	6
East Feliciana Parish	20,267	348	1,075	710	313	16
Evangeline Parish	33,984	762	1,656	1,079	484	27
Franklin Parish	20,767	442	1,030	693	336	16
Grant Parish	22,309	428	1,145	727	307	18
Iberia Parish	73,240	1,648	3,566	2,313	1,011	57
Iberville Parish	33,387	623	1,729	1,114	475	26
Jackson Parish	16,274	308	838	559	268	13
Jefferson Davis Parish	31,594	698	1,548	1,027	478	25
Jefferson Parish	432,552	8,091	22,376	14,601	6,504	337
La Salle Parish	14,890	293	758	496	228	12
Lafayette Parish	221,578	4,508	11,169	6,958	2,789	173
Lafourche Parish	96,318	1,966	4,850	3,119	1,352	75
Lincoln Parish	46,735	798	2,473	1,491	585	36
Livingston Parish	128,026	2,935	6,191	3,888	1,572	100
Madison Parish	12,093	251	605	386	164	9
Morehouse Parish	27,979	575	1,405	940	445	22
Natchitoches Parish	39,566	798	1,998	1,276	561	31
Orleans Parish	343,829	6,083	18,067	11,303	4,574	268
Ouachita Parish	153,720	3,354	7,562	4,828	2,084	119
Plaquemines Parish	23,042	526	1,117	718	305	18
Pointe Coupee Parish	22,802	455	1,157	785	375	18
Rapides Parish	131,613	2,826	6,514	4,268	1,932	102
Red River Parish	9,091	192	452	302	143	7
Richland Parish	20,725	439	1,030	681	314	16
Sabine Parish	24,233	492	1,221	830	409	19
St. Bernard Parish	35,897	762	1,785	1,109	433	28
St. Charles Parish	52,780	1,180	2,580	1,654	680	41
St. Helena Parish	11,203	230	564	376	173	9
St. James Parish	22,102	474	1,096	719	321	17
St. John the Baptist Parish	45,924	1,027	2,244	1,435	595	36
St. Landry Parish	83,384	1,884	4,052	2,676	1,226	65
St. Martin Parish	52,160	1,144	2,565	1,657	713	41
St. Mary Parish	54,650	1,155	2,721	1,779	790	43
St. Tammany Parish	233,740	4,996	11,605	7,672	3,425	182
Tangipahoa Parish	121,097	2,527	6,053	3,833	1,604	94
Tensas Parish	5,252	110	262	182	91	4
Terrebonne Parish	111,860	2,419	5,525	3,523	1,482	88
Union Parish	22,721	434	1,167	789	380	18
Vermilion Parish	57,999	1,286	2,839	1,851	825	45
Vernon Parish	52,334	1,206	2,521	1,517	581	41
Washington Parish	47,168	986	2,357	1,569	728	37
Webster Parish	41,207	807	2,101	1,416	686	32
West Baton Rouge Parish	23,788	492	1,193	762	319	19
West Carroll Parish	11,604	237	583	393	192	9
West Feliciana Parish	15,625	226	864	557	226	13
Winn Parish	15,313	286	792	521	237	12
Maine	1,328,361	25,685	105,173	47,459	22,425	1,023
Androscoggin	107,702	2,274	8,336	3,667	1,660	83
Aroostook	71,870	1,346	5,716	2,661	1,344	55
Cumberland	281,674	5,510	22,276	9,827	4,446	217
Franklin	30,768	566	2,465	1,119	536	24
Hancock	54,418	933	4,426	2,058	1,021	42
Kennebec	122,151	2,368	9,670	4,359	2,046	94
Knox	39,736	721	3,185	1,491	755	31
Lincoln	34,457	605	2,776	1,330	703	27

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Maine continued						
Oxford	57,833	1,152	4,536	2,096	1,026	45
Penobscot	153,923	2,840	12,354	5,399	2,426	119
Piscataquis	17,535	315	1,407	672	350	14
Sagadahoc	35,293	694	2,780	1,275	615	27
Somerset	52,228	1,046	4,094	1,870	899	40
Waldo	38,786	762	3,057	1,401	672	30
Washington	32,856	614	2,613	1,226	628	25
York	197,131	3,938	15,482	7,007	3,297	152
Maryland	5,773,552	160,239	370,053	190,512	82,055	3,771
Allegany	75,087	1,601	5,081	2,718	1,301	50
Anne Arundel	537,656	14,812	34,592	17,788	7,591	352
Baltimore	805,029	20,933	52,259	27,501	12,505	524
Baltimore City	620,961	15,818	40,856	20,375	8,404	404
Calvert	88,737	2,751	5,507	2,884	1,238	58
Caroline	33,066	989	2,061	1,087	489	22
Carroll	167,134	4,884	10,520	5,609	2,528	110
Cecil	101,108	3,003	6,350	3,301	1,427	66
Charles	146,551	4,605	9,082	4,574	1,845	96
Dorchester	32,618	837	2,108	1,168	577	21
Frederick	233,385	6,993	14,641	7,538	3,194	153
Garrett	30,097	789	1,935	1,068	524	20
Harford	244,826	7,155	15,428	8,092	3,566	160
Howard	287,085	8,843	17,894	9,175	3,807	188
Kent	20,197	420	1,360	769	401	13
Montgomery	971,777	27,658	61,782	31,998	13,891	634
Prince George's	863,420	24,398	55,460	27,287	10,675	563
Queen Anne's	47,798	1,347	3,028	1,651	779	31
Somerset	26,470	529	1,837	928	397	18
St. Mary's	105,151	3,267	6,525	3,296	1,353	69
Talbot	37,782	873	2,468	1,447	794	25
Washington	147,430	4,001	9,457	4,984	2,265	97
Wicomico	98,733	2,617	6,400	3,273	1,417	64
Worcester	51,454	1,116	3,420	2,001	1,086	34
Massachusetts	6,547,629	128,581	530,853	222,730	99,003	4,621
Barnstable	215,888	3,375	18,032	8,629	4,803	152
Berkshire	131,219	2,322	10,793	4,847	2,416	93
Bristol	548,285	11,093	43,997	18,655	8,433	387
Dukes	16,535	288	1,366	613	293	12
Essex	743,159	15,594	58,859	25,285	11,535	524
Franklin	71,372	1,275	5,873	2,601	1,217	50
Hampden	463,490	9,958	36,527	15,496	7,040	327
Hampshire	158,080	2,426	13,676	5,542	2,317	111
Middlesex	1,503,085	29,038	122,691	50,825	22,078	1,061
Nantucket	10,172	191	837	346	146	7
Norfolk	670,850	13,786	53,462	22,968	10,535	473
Plymouth	494,919	10,827	38,632	16,750	7,673	349
Suffolk	722,023	11,443	62,861	23,558	8,833	509
Worcester	798,552	16,967	63,245	26,616	11,682	565
Michigan	9,883,640	259,487	784,537	330,697	149,102	6,940
Alcona	10,942	176	923	474	287	8
Alger	9,601	182	810	372	191	7
Allegan	111,408	3,235	8,512	3,643	1,642	78
Alpena	29,598	685	2,382	1,093	561	21
Antrim	23,580	550	1,880	889	480	17
Arenac	15,899	354	1,290	597	310	11
Baraga	8,860	199	728	319	155	6
Barry	59,173	1,600	4,602	2,017	944	42
Bay	107,771	2,651	8,641	3,777	1,807	76
Benzie	17,525	407	1,405	652	342	12
Berrien	156,813	4,060	12,389	5,412	2,603	110
Branch	45,248	1,200	3,566	1,528	709	32
Calhoun	136,146	3,654	10,697	4,570	2,121	96
Cass	52,293	1,357	4,107	1,825	879	37
Charlevoix	25,949	633	2,057	946	481	18
Cheboygan	26,152	592	2,107	985	524	18

Association/State/County	Total Population²	Pediatric Asthma³	Adult Asthma⁴	Chronic Bronchitis⁵	Emphysema⁶	Lung Cancer^{7,8}
Michigan continued						
Chippewa	38,520	858	3,213	1,338	602	28
Clare	30,926	716	2,493	1,139	588	22
Clinton	75,382	2,060	5,912	2,482	1,100	53
Crawford	14,074	309	1,139	537	283	10
Delta	37,069	857	2,987	1,367	697	26
Dickinson	26,168	621	2,092	959	489	18
Eaton	107,759	2,779	8,558	3,671	1,675	76
Emmet	32,694	818	2,593	1,158	564	23
Genesee	425,790	11,798	33,186	14,035	6,356	298
Gladwin	25,692	571	2,077	977	531	18
Gogebic	16,427	307	1,393	635	330	12
Grand Traverse	86,986	2,125	7,003	3,032	1,410	61
Gratiot	42,476	1,009	3,487	1,449	656	30
Hillsdale	46,688	1,228	3,673	1,600	762	33
Houghton	36,628	837	3,064	1,235	551	26
Huron	33,118	757	2,662	1,244	665	23
Ingham	280,895	6,487	23,709	9,078	3,552	197
Ionia	63,905	1,735	5,061	2,062	868	46
Iosco	25,887	504	2,135	1,043	593	18
Iron	11,817	224	977	482	275	8
Isabella	70,311	1,399	6,247	2,250	816	49
Jackson	160,248	4,117	12,780	5,425	2,469	113
Kalamazoo	250,331	6,302	20,418	8,151	3,443	176
Kalkaska	17,153	431	1,359	606	295	12
Kent	602,622	17,505	46,799	18,838	7,883	423
Keweenaw	2,156	43	177	87	48	2
Lake	11,539	229	951	459	252	8
Lapeer	88,319	2,364	6,902	3,003	1,365	62
Leelanau	21,708	469	1,747	853	471	15
Lenawee	99,892	2,560	7,958	3,403	1,568	71
Livingston	180,967	5,118	13,911	6,004	2,655	128
Luce	6,631	131	562	245	118	5
Mackinac	11,113	230	910	434	234	8
Macomb	840,978	21,438	67,286	28,490	12,976	590
Manistee	24,733	522	2,032	941	490	18
Marquette	67,077	1,387	5,689	2,379	1,067	47
Mason	28,705	691	2,288	1,047	536	20
Mecosta	42,798	946	3,604	1,464	660	30
Menominee	24,029	558	1,927	891	455	17
Midland	83,629	2,198	6,600	2,841	1,321	59
Missaukee	14,849	398	1,151	518	258	10
Monroe	152,021	4,060	11,940	5,121	2,315	107
Montcalm	63,342	1,693	4,993	2,117	965	45
Montmorency	9,765	182	810	401	231	7
Muskegon	172,188	4,736	13,457	5,684	2,565	121
Newaygo	48,460	1,339	3,742	1,645	787	34
Oakland	1,202,362	31,229	95,489	40,595	18,160	843
Oceana	26,570	731	2,046	914	453	19
Ogemaw	21,699	489	1,746	823	442	15
Ontonagon	6,780	119	566	284	162	5
Osceola	23,528	645	1,815	811	401	17
Oscoda	8,640	193	691	335	186	6
Otsego	24,164	613	1,909	853	419	17
Ottawa	263,801	7,609	20,517	8,299	3,532	185
Presque Isle	13,376	259	1,101	544	310	9
Roscommon	24,449	435	2,043	1,018	592	17
Saginaw	200,169	5,185	15,897	6,805	3,183	140
Sanilac	43,114	1,128	3,372	1,512	753	30
Schoolcraft	8,485	187	686	324	172	6
Shiawassee	70,648	1,888	5,544	2,386	1,100	50
St. Clair	163,040	4,274	12,841	5,577	2,589	115
St. Joseph	61,295	1,757	4,702	2,024	950	43
Tuscola	55,729	1,449	4,387	1,929	923	39
Van Buren	76,258	2,148	5,876	2,537	1,165	54
Washtenaw	344,791	7,965	29,040	11,196	4,366	242
Wayne	1,820,584	51,120	141,972	58,895	25,883	1,274
Wexford	32,735	882	2,552	1,117	536	23

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Minnesota	5,303,925	89,524	304,641	174,129	76,509	3,015
Aitkin	16,202	203	955	657	381	9
Anoka	330,844	5,998	18,678	10,458	4,261	188
Becker	32,504	558	1,817	1,128	562	19
Beltrami	44,442	774	2,533	1,429	626	25
Benton	38,451	662	2,214	1,218	512	22
Big Stone	5,269	77	302	202	115	3
Blue Earth	64,013	863	3,988	2,094	837	36
Brown	25,893	397	1,497	927	470	15
Carlton	35,386	583	2,026	1,207	564	20
Carver	91,042	1,897	4,880	2,716	1,081	52
Cass	28,567	432	1,637	1,062	565	16
Chippewa	12,441	203	704	440	226	7
Chisago	53,887	965	3,034	1,742	751	31
Clay	58,999	958	3,473	1,878	779	34
Clearwater	8,695	151	482	302	154	5
Cook	5,176	61	315	205	106	3
Cottonwood	11,687	195	653	417	224	7
Crow Wing	62,500	1,002	3,570	2,205	1,111	36
Dakota	398,552	7,325	22,377	12,555	5,157	226
Dodge	20,087	406	1,079	621	275	11
Douglas	36,009	549	2,082	1,294	663	20
Faribault	14,553	223	831	537	289	8
Fillmore	20,866	353	1,167	732	377	12
Freeborn	31,255	479	1,799	1,131	588	18
Goodhue	46,183	763	2,624	1,602	778	26
Grant	6,018	90	346	224	121	3
Hennepin	1,152,425	18,221	68,121	37,623	15,580	654
Houston	19,027	307	1,083	675	336	11
Hubbard	20,428	311	1,169	757	401	12
Isanti	37,816	684	2,120	1,220	536	22
Itasca	45,058	686	2,597	1,645	841	26
Jackson	10,266	162	586	369	192	6
Kanabec	16,239	272	918	564	274	9
Kandiyohi	42,239	708	2,400	1,438	690	24
Kittson	4,552	69	259	172	95	3
Koochiching	13,311	194	774	495	255	8
Lac qui Parle	7,259	107	415	278	155	4
Lake	10,866	144	643	419	225	6
Lake of the Woods	4,045	57	236	155	82	2
Le Sueur	27,703	492	1,550	920	427	16
Lincoln	5,896	92	334	218	123	3
Lyon	25,857	437	1,488	839	371	15
Mahnomen	5,413	111	285	174	85	3
Marshall	9,439	155	532	336	173	5
Martin	20,840	323	1,190	762	402	12
McLeod	36,651	646	2,055	1,217	574	21
Meeker	23,300	413	1,293	793	389	13
Mille Lacs	26,097	461	1,458	872	420	15
Morrison	33,198	569	1,869	1,129	543	19
Mower	39,163	689	2,184	1,318	652	22
Murray	8,725	135	496	324	176	5
Nicollet	32,727	515	1,935	1,072	451	19
Nobles	21,378	382	1,193	704	336	12
Norman	6,852	116	379	246	133	4
Olmsted	144,248	2,541	8,178	4,655	2,035	82
Otter Tail	57,303	868	3,288	2,119	1,124	33
Pennington	13,930	231	796	472	224	8
Pine	29,750	460	1,731	1,041	498	17
Pipestone	9,596	167	531	334	175	5
Polk	31,600	524	1,800	1,080	521	18
Pope	10,995	163	636	407	216	6
Ramsey	508,640	8,261	29,788	16,503	6,964	288
Red Lake	4,089	70	229	142	70	2
Redwood	16,059	280	888	559	292	9
Renville	15,730	255	890	563	291	9
Rice	64,142	1,057	3,736	2,076	884	37
Rock	9,687	175	531	332	172	6
Roseau	15,629	286	862	520	244	9

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Minnesota continued						
Scott	129,928	2,735	6,990	3,753	1,426	74
Sherburne	88,499	1,797	4,833	2,593	996	50
Sibley	15,226	272	844	513	250	9
St. Louis	200,226	2,758	12,064	7,136	3,332	114
Stearns	150,642	2,433	8,853	4,862	2,042	86
Steele	36,576	673	2,024	1,192	554	21
Stevens	9,726	142	582	331	154	6
Swift	9,783	152	560	354	184	6
Todd	24,895	433	1,385	859	429	14
Traverse	3,558	54	201	135	78	2
Wabasha	21,676	352	1,236	760	373	12
Wadena	13,843	232	773	492	262	8
Waseca	19,136	315	1,099	647	299	11
Washington	238,136	4,434	13,247	7,576	3,191	135
Watonwan	11,211	196	622	386	198	6
Wilkin	6,576	110	370	231	116	4
Winona	51,461	695	3,171	1,745	745	29
Wright	124,700	2,605	6,689	3,673	1,489	71
Yellow Medicine	10,438	173	588	368	190	6
Mississippi	2,967,297	65,049	160,873	95,330	41,869	2,617
Adams	32,297	619	1,859	1,127	534	29
Alcorn	37,057	777	2,059	1,245	591	33
Amite	13,131	254	761	469	236	12
Attala	19,564	438	1,069	653	323	17
Benton	8,729	186	483	292	138	8
Bolivar	34,145	744	1,848	1,088	466	30
Calhoun	14,962	322	827	503	244	13
Carroll	10,597	197	620	379	185	9
Chickasaw	17,392	394	942	567	263	15
Choctaw	8,547	179	483	297	147	8
Claiborne	9,604	195	531	312	133	8
Clarke	16,732	355	934	569	276	15
Clay	20,634	456	1,129	679	314	18
Coahoma	26,151	660	1,344	797	350	23
Copiah	29,449	636	1,616	965	436	26
Covington	19,568	438	1,062	640	300	17
DeSoto	161,252	3,928	8,335	4,855	1,981	142
Forrest	74,934	1,524	4,067	2,355	962	66
Franklin	8,118	176	451	275	133	7
George	22,578	522	1,203	714	315	20
Greene	14,400	272	809	471	193	14
Grenada	21,906	464	1,215	732	342	19
Hancock	43,929	904	2,479	1,502	708	39
Harrison	187,105	3,948	10,234	6,012	2,544	166
Hinds	245,285	5,600	12,996	7,587	3,137	214
Holmes	19,198	480	991	589	262	17
Humphreys	9,375	233	488	291	129	8
Issaquena	1,406	24	82	49	22	1
Itawamba	23,401	465	1,313	789	369	21
Jackson	139,668	3,065	7,604	4,510	1,972	124
Jasper	17,062	355	958	582	279	15
Jefferson	7,726	157	432	257	113	7
Jefferson Davis	12,487	254	707	430	208	11
Jones	67,761	1,494	3,682	2,204	1,012	60
Kemper	10,456	210	588	354	166	9
Lafayette	47,351	754	2,684	1,518	567	42
Lamar	55,658	1,258	2,937	1,705	696	49
Lauderdale	80,261	1,729	4,388	2,620	1,189	71
Lawrence	12,929	281	713	431	202	11
Leake	23,805	634	1,197	714	324	21
Lee	82,910	1,903	4,429	2,631	1,168	73
Leflore	32,317	753	1,701	1,000	428	28
Lincoln	34,869	784	1,893	1,137	524	31
Lowndes	59,779	1,296	3,255	1,930	849	52
Madison	95,203	2,208	5,061	2,967	1,231	84
Marion	27,088	597	1,478	889	412	24
Marshall	37,144	749	2,084	1,238	543	33

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Mississippi continued						
Monroe	36,989	782	2,057	1,245	592	32
Montgomery	10,925	230	613	375	185	10
Neshoba	29,676	733	1,547	925	422	26
Newton	21,720	487	1,173	705	328	19
Noxubee	11,545	269	617	369	167	10
Oktibbeha	47,671	750	2,688	1,501	530	42
Panola	34,707	804	1,856	1,105	491	30
Pearl River	55,834	1,182	3,097	1,862	861	50
Perry	12,250	268	673	404	186	11
Pike	40,404	945	2,161	1,299	601	35
Pontotoc	29,957	696	1,595	948	420	27
Prentiss	25,276	507	1,416	852	399	22
Quitman	8,223	185	446	268	123	7
Rankin	141,617	3,059	7,680	4,505	1,895	125
Scott	28,264	657	1,499	887	387	25
Sharkey	4,916	108	272	165	77	4
Simpson	27,503	624	1,491	896	412	24
Smith	16,491	367	902	546	258	15
Stone	17,786	373	976	575	246	16
Sunflower	29,450	615	1,599	926	369	27
Tallahatchie	15,378	300	851	496	205	14
Tate	28,886	642	1,562	925	403	25
Tippah	22,232	486	1,214	728	337	20
Tishomingo	19,593	391	1,117	685	342	17
Tunica	10,778	277	546	317	128	9
Union	27,134	602	1,471	881	406	24
Walthall	15,443	351	838	509	244	14
Warren	48,773	1,088	2,660	1,589	710	43
Washington	51,137	1,234	2,697	1,605	710	44
Wayne	20,747	468	1,124	674	308	18
Webster	10,253	222	567	344	164	9
Wilkinson	9,878	196	555	331	148	9
Winston	19,198	412	1,064	647	314	17
Yalobusha	12,678	260	715	435	211	11
Yazoo	28,065	609	1,511	885	373	26
Missouri	5,988,927	155,518	404,316	199,207	89,950	4,621
Adair	25,607	542	1,784	843	345	20
Andrew	17,291	454	1,173	591	281	13
Atchison	5,685	129	401	212	113	4
Audrain	25,529	695	1,691	851	406	19
Barry	35,597	943	2,399	1,232	614	28
Barton	12,402	351	816	419	208	10
Bates	17,049	464	1,136	585	293	13
Benton	19,056	375	1,398	767	436	15
Bollinger	12,363	318	844	430	209	10
Boone	162,642	3,737	11,148	5,114	1,894	125
Buchanan	89,201	2,287	6,022	2,958	1,328	69
Butler	42,794	1,088	2,909	1,478	719	33
Caldwell	9,424	262	626	320	158	7
Callaway	44,332	1,091	3,054	1,479	636	35
Camden	44,002	915	3,201	1,699	904	34
Cape Girardeau	75,674	1,811	5,191	2,543	1,136	58
Carroll	9,295	239	629	326	167	7
Carter	6,265	165	423	215	105	5
Cass	99,478	2,879	6,499	3,212	1,459	77
Cedar	13,982	361	942	505	276	11
Chariton	7,831	193	540	287	154	6
Christian	77,422	2,311	4,984	2,425	1,059	60
Clark	7,139	187	483	248	124	6
Clay	221,939	6,248	14,609	7,016	2,952	171
Clinton	20,743	556	1,397	706	338	16
Cole	75,990	1,957	5,166	2,505	1,081	59
Cooper	17,601	434	1,204	600	278	14
Crawford	24,696	655	1,664	843	407	19
Dade	7,883	195	545	288	152	6
Dallas	16,777	455	1,125	576	285	13
Daviess	8,433	246	550	282	141	7

Association/State/County	Total Population²	Pediatric Asthma³	Adult Asthma⁴	Chronic Bronchitis⁵	Emphysema⁶	Lung Cancer^{7,8}
Missouri continued						
DeKalb	12,892	252	935	454	197	10
Dent	15,657	398	1,065	553	282	12
Douglas	13,684	334	948	497	258	11
Dunklin	31,953	882	2,111	1,070	519	25
Franklin	101,492	2,739	6,824	3,380	1,540	78
Gasconade	15,222	367	1,057	554	289	12
Gentry	6,738	180	448	236	125	5
Greene	275,174	6,369	18,992	9,242	4,065	212
Grundy	10,261	269	685	359	189	8
Harrison	8,957	242	594	313	166	7
Henry	22,272	541	1,537	799	410	17
Hickory	9,627	182	705	396	237	7
Holt	4,912	106	352	185	98	4
Howard	10,144	238	705	353	165	8
Howell	40,400	1,098	2,681	1,366	671	31
Iron	10,630	262	733	376	187	8
Jackson	674,158	18,071	45,007	21,823	9,448	519
Jasper	117,404	3,304	7,660	3,744	1,663	91
Jefferson	218,733	5,999	14,670	7,079	3,001	169
Johnson	52,595	1,314	3,530	1,654	655	41
Knox	4,131	113	276	145	77	3
Laclede	35,571	972	2,366	1,190	566	27
Lafayette	33,381	893	2,239	1,137	551	26
Lawrence	38,634	1,110	2,519	1,278	621	30
Lewis	10,211	261	690	347	166	8
Lincoln	52,566	1,607	3,375	1,626	689	41
Linn	12,761	344	853	445	229	10
Livingston	15,195	363	1,045	534	264	12
Macon	15,566	412	1,043	544	282	12
Madison	12,226	320	823	422	210	9
Maries	9,176	235	626	323	162	7
Marion	28,781	751	1,939	972	459	22
McDonald	23,083	706	1,476	723	321	18
Mercer	3,785	105	251	133	70	3
Miller	24,748	670	1,657	836	400	19
Mississippi	14,358	348	987	490	226	11
Moniteau	15,607	428	1,035	510	231	12
Monroe	8,840	225	606	315	160	7
Montgomery	12,236	311	836	434	221	9
Morgan	20,565	495	1,424	760	410	16
New Madrid	18,956	492	1,285	649	311	15
Newton	58,114	1,611	3,848	1,930	911	45
Nodaway	23,370	465	1,642	777	319	18
Oregon	10,881	265	756	397	206	8
Osage	13,878	375	927	463	216	11
Ozark	9,723	213	694	374	206	8
Pemiscot	18,296	549	1,175	588	276	14
Perry	18,971	520	1,260	634	301	15
Pettis	42,201	1,177	2,777	1,382	640	33
Phelps	45,156	1,068	3,095	1,500	653	35
Pike	18,516	448	1,278	638	298	15
Platte	89,322	2,400	6,038	2,913	1,234	69
Polk	31,137	836	2,066	1,039	495	24
Pulaski	52,274	1,368	3,397	1,507	500	41
Putnam	4,979	127	339	180	97	4
Ralls	10,167	259	702	359	175	8
Randolph	25,414	641	1,725	849	383	20
Ray	23,494	640	1,578	792	372	18
Reynolds	6,696	167	460	241	126	5
Ripley	14,100	361	955	494	251	11
Saline	23,370	589	1,586	794	373	18
Schuyler	4,431	124	290	152	79	3
Scotland	4,843	149	307	159	82	4
Scott	39,191	1,075	2,605	1,303	610	30
Shannon	8,441	215	581	298	148	7
Shelby	6,373	174	424	222	116	5
St. Charles	360,485	10,131	23,855	11,488	4,857	278
St. Clair	9,805	214	698	376	206	8

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Missouri continued						
St. Francois	65,359	1,572	4,499	2,211	994	51
St. Louis	998,954	25,549	68,116	34,000	15,822	766
St. Louis City	319,294	7,369	22,087	10,416	4,183	246
Ste. Genevieve	18,145	461	1,251	635	306	14
Stoddard	29,968	745	2,046	1,046	517	23
Stone	32,202	658	2,340	1,269	707	25
Sullivan	6,714	177	451	230	113	5
Taney	51,675	1,247	3,549	1,806	884	40
Texas	26,008	624	1,802	923	458	20
Vernon	21,159	574	1,412	717	348	16
Warren	32,513	887	2,178	1,088	507	25
Washington	25,195	661	1,709	842	378	20
Wayne	13,521	306	952	503	267	10
Webster	36,202	1,095	2,329	1,149	520	28
Worth	2,171	48	153	83	46	2
Wright	18,815	532	1,237	636	318	15
Montana	989,415	15,399	69,809	34,050	15,756	598
Beaverhead	9,246	128	674	333	160	6
Big Horn	12,865	294	784	368	155	8
Blaine	6,491	134	414	202	94	4
Broadwater	5,612	87	395	203	102	3
Carbon	10,078	137	733	386	197	6
Carter	1,160	14	87	47	25	1
Cascade	81,327	1,283	5,730	2,778	1,303	49
Chouteau	5,813	107	388	197	100	4
Custer	11,699	183	825	413	204	7
Daniels	1,751	25	126	68	39	1
Dawson	8,966	129	647	324	160	5
Deer Lodge	9,298	121	687	349	176	6
Fallon	2,890	47	201	102	51	2
Fergus	11,586	161	843	440	234	7
Flathead	90,928	1,464	6,333	3,133	1,453	55
Gallatin	89,513	1,290	6,481	2,870	1,088	54
Garfield	1,206	19	84	44	23	1
Glacier	13,399	292	835	395	168	8
Golden Valley	884	13	63	33	18	1
Granite	3,079	36	232	126	71	2
Hill	16,096	297	1,075	514	228	10
Jefferson	11,406	181	790	411	194	7
Judith Basin	2,072	29	149	79	42	1
Lake	28,746	502	1,956	984	487	17
Lewis and Clark	63,395	990	4,455	2,189	996	38
Liberty	2,339	35	167	85	44	1
Lincoln	19,687	268	1,434	757	398	12
Madison	7,691	94	574	303	159	5
McCone	1,734	25	125	66	36	1
Meagher	1,891	25	139	74	40	1
Mineral	4,223	52	315	167	89	3
Missoula	109,299	1,504	8,000	3,650	1,484	66
Musselshell	4,538	64	326	173	89	3
Park	15,636	213	1,139	578	279	9
Petroleum	494	8	35	18	10	0
Phillips	4,253	68	297	157	83	3
Pondera	6,153	106	421	215	111	4
Powder River	1,743	25	125	67	37	1
Powell	7,027	84	528	264	125	4
Prairie	1,179	14	88	48	28	1
Ravalli	40,212	608	2,856	1,476	760	24
Richland	9,746	157	678	337	158	6
Roosevelt	10,425	228	648	308	133	6
Rosebud	9,233	188	590	289	128	6
Sanders	11,413	162	823	439	236	7
Sheridan	3,384	45	248	133	73	2
Silver Bow	34,200	495	2,466	1,211	576	21
Stillwater	9,117	144	636	329	162	6
Sweet Grass	3,651	58	256	134	71	2
Teton	6,073	97	425	221	118	4

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Montana continued						
Toole	5,324	76	384	187	85	3
Treasure	718	9	53	29	16	0
Valley	7,369	118	516	270	144	4
Wheatland	2,168	35	151	78	41	1
Wibaux	1,017	15	73	39	22	1
Yellowstone	147,972	2,414	10,306	4,959	2,252	89
Nebraska	1,826,341	27,943	107,100	59,279	26,505	1,138
Adams	31,364	457	1,856	1,053	493	20
Antelope	6,685	96	385	244	131	4
Arthur	460	8	25	16	8	0
Banner	690	9	40	26	14	0
Blaine	478	7	27	17	9	0
Boone	5,505	79	318	199	107	3
Box Butte	11,308	173	649	385	184	7
Boyd	2,099	27	123	81	47	1
Brown	3,145	41	185	119	67	2
Buffalo	46,102	674	2,783	1,465	615	29
Burt	6,858	94	400	255	141	4
Butler	8,395	127	479	296	154	5
Cass	25,241	389	1,451	851	398	16
Cedar	8,852	137	500	312	167	6
Chase	3,966	57	230	141	75	2
Cherry	5,713	77	338	209	110	4
Cheyenne	9,998	146	587	343	164	6
Clay	6,542	100	373	227	115	4
Colfax	10,515	186	584	324	148	7
Cuming	9,139	139	521	322	172	6
Custer	10,939	157	632	395	211	7
Dakota	21,006	384	1,157	627	269	13
Dawes	9,182	107	586	316	145	6
Dawson	24,326	423	1,354	764	352	15
Deuel	1,941	25	115	74	41	1
Dixon	6,000	94	341	206	104	4
Dodge	36,691	534	2,153	1,264	634	23
Douglas	517,110	8,197	30,353	15,995	6,532	322
Dundy	2,008	27	117	75	41	1
Fillmore	5,890	85	338	215	118	4
Franklin	3,225	42	189	123	69	2
Frontier	2,756	36	166	99	50	2
Furnas	4,959	70	285	183	101	3
Gage	22,311	312	1,311	797	410	14
Garden	2,057	23	125	82	48	1
Garfield	2,049	26	120	80	47	1
Gosper	2,044	28	119	76	41	1
Grant	614	7	38	24	12	0
Greeley	2,538	36	146	93	52	2
Hall	58,607	972	3,336	1,854	835	37
Hamilton	9,124	142	518	313	154	6
Harlan	3,423	45	201	130	73	2
Hayes	967	14	56	36	19	1
Hitchcock	2,908	38	172	110	60	2
Holt	10,435	149	602	380	202	7
Hooker	736	10	43	28	16	0
Howard	6,274	94	361	219	113	4
Jefferson	7,547	98	449	282	152	5
Johnson	5,217	60	326	191	93	3
Kearney	6,489	96	375	228	116	4
Keith	8,368	110	495	313	167	5
Keya Paha	824	11	48	32	19	1
Kimball	3,821	52	224	140	76	2
Knox	8,701	128	496	318	176	5
Lancaster	285,407	4,010	17,506	9,071	3,653	178
Lincoln	36,288	553	2,104	1,218	580	23
Logan	763	12	43	27	14	0
Loup	632	9	37	24	13	0
Madison	34,876	531	2,034	1,154	535	22
McPherson	539	9	29	18	10	0

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Nebraska continued						
Merrick	7,845	118	451	272	138	5
Morrill	5,042	74	292	179	93	3
Nance	3,735	53	217	134	69	2
Nemaha	7,248	95	438	256	126	5
Nuckolls	4,500	58	264	173	100	3
Otoe	15,740	231	912	553	284	10
Pawnee	2,773	37	161	106	61	2
Perkins	2,970	45	170	105	56	2
Phelps	9,188	137	528	322	166	6
Pierce	7,266	115	411	249	127	5
Platte	32,237	518	1,838	1,058	498	20
Polk	5,406	80	309	194	102	3
Red Willow	11,055	154	653	390	197	7
Richardson	8,363	109	495	314	172	5
Rock	1,526	19	91	59	33	1
Saline	14,200	211	840	466	213	9
Sarpy	158,840	2,782	9,018	4,668	1,801	99
Saunders	20,780	327	1,182	703	339	13
Scotts Bluff	36,970	557	2,150	1,251	610	23
Seward	16,750	241	995	564	263	10
Sheridan	5,469	79	315	199	109	3
Sherman	3,152	43	184	118	65	2
Sioux	1,311	18	77	49	26	1
Stanton	6,129	102	344	199	93	4
Thayer	5,228	68	307	201	116	3
Thomas	647	9	38	24	13	0
Thurston	6,940	150	350	194	87	4
Valley	4,260	57	250	159	88	3
Washington	20,234	310	1,167	682	316	13
Wayne	9,595	113	617	320	136	6
Webster	3,812	52	221	142	80	2
Wheeler	818	12	47	29	15	1
York	13,665	186	815	484	242	8
Nevada	2,700,551	56,968	187,247	86,651	36,914	1,877
Carson City	55,274	1,012	3,925	1,950	932	39
Churchill	24,877	537	1,684	829	391	17
Clark	1,951,269	41,857	135,300	61,460	25,522	1,356
Douglas	46,997	813	3,303	1,777	926	33
Elko	48,818	1,219	3,160	1,457	573	34
Esmeralda	783	11	57	32	18	1
Eureka	1,987	41	133	68	31	1
Humboldt	16,528	388	1,086	518	217	12
Lander	5,775	137	378	183	80	4
Lincoln	5,345	123	353	179	91	4
Lyon	51,980	1,107	3,504	1,768	850	36
Mineral	4,772	75	343	187	101	3
Nye	43,946	779	3,076	1,681	928	31
Pershing	6,753	113	493	236	102	5
Storey	4,010	60	283	160	81	3
Washoe	421,407	8,509	29,459	13,817	5,909	293
White Pine	10,030	186	710	349	161	7
New Hampshire	1,316,470	24,696	106,155	45,539	20,425	899
Belknap	60,088	1,073	4,810	2,187	1,062	41
Carroll	47,818	767	3,849	1,852	967	33
Cheshire	77,117	1,299	6,411	2,729	1,238	53
Coos	33,055	538	2,684	1,250	635	23
Grafton	89,118	1,409	7,507	3,211	1,475	61
Hillsborough	400,721	8,089	31,919	13,333	5,735	274
Merrimack	146,445	2,747	11,789	5,083	2,290	100
Rockingham	295,223	5,798	23,381	10,179	4,535	202
Strafford	123,143	2,186	10,304	4,138	1,727	84
Sullivan	43,742	791	3,501	1,578	761	30

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
New Jersey	8,791,894	184,883	587,352	293,218	130,748	5,631
Atlantic	274,549	5,719	18,349	9,303	4,241	176
Bergen	905,116	18,299	60,927	31,198	14,536	579
Burlington	448,734	9,332	30,004	15,225	6,901	288
Camden	513,657	11,201	33,965	16,842	7,395	329
Cape May	97,265	1,643	6,779	3,717	1,962	62
Cumberland	156,898	3,375	10,450	5,081	2,192	101
Essex	783,969	17,450	51,708	24,973	10,495	501
Gloucester	288,288	6,290	19,050	9,485	4,139	185
Hudson	634,266	11,742	44,523	20,362	7,883	407
Hunterdon	128,349	2,705	8,508	4,457	2,016	82
Mercer	366,513	7,429	24,836	12,156	5,243	235
Middlesex	809,858	16,603	54,760	26,595	11,334	519
Monmouth	630,380	13,455	41,733	21,451	9,796	404
Morris	492,276	10,536	32,577	16,690	7,623	316
Ocean	576,567	12,078	38,070	20,397	10,785	369
Passaic	501,226	11,156	33,023	16,057	6,859	321
Salem	66,083	1,388	4,393	2,265	1,060	42
Somerset	323,444	7,237	21,149	10,693	4,721	207
Sussex	149,265	3,202	9,875	5,061	2,227	96
Union	536,499	11,751	35,451	17,496	7,634	343
Warren	108,692	2,292	7,221	3,713	1,705	70
New Mexico	2,059,179	41,381	149,260	67,019	29,862	909
Bernalillo	662,564	12,696	49,104	21,506	9,212	292
Catron	3,725	47	284	160	94	2
Chaves	65,645	1,467	4,560	2,067	954	29
Cibola	27,213	545	1,979	881	388	12
Colfax	13,750	227	1,025	513	266	6
Curry	48,376	1,094	3,398	1,451	610	21
De Baca	2,022	36	145	76	42	1
Doña Ana	209,233	4,456	14,971	6,503	2,806	92
Eddy	53,829	1,120	3,836	1,754	805	24
Grant	29,514	516	2,156	1,086	579	13
Guadalupe	4,687	81	352	163	76	2
Harding	695	7	55	31	18	0
Hidalgo	4,894	101	346	165	81	2
Lea	64,727	1,518	4,480	1,921	801	29
Lincoln	20,497	310	1,546	799	429	9
Los Alamos	17,950	347	1,293	631	302	8
Luna	25,095	530	1,742	844	440	11
McKinley	71,492	1,785	4,827	2,060	836	31
Mora	4,881	83	362	180	91	2
Otero	63,797	1,273	4,611	2,098	974	28
Quay	9,041	157	663	332	175	4
Rio Arriba	40,246	791	2,921	1,345	616	18
Roosevelt	19,846	420	1,432	604	253	9
San Juan	130,044	3,004	9,027	3,939	1,660	57
San Miguel	29,393	516	2,200	1,027	479	13
Sandoval	131,561	2,805	9,338	4,225	1,857	58
Santa Fe	144,170	2,412	10,909	5,150	2,408	64
Sierra	11,988	154	912	505	304	5
Socorro	17,866	341	1,313	596	271	8
Taos	32,937	541	2,482	1,208	592	15
Torrance	16,383	315	1,191	562	261	7
Union	4,549	74	346	162	79	2
Valencia	76,569	1,610	5,454	2,475	1,103	34
New York	19,378,102	434,404	1,482,650	649,277	286,197	12,592
Albany	304,204	6,090	23,990	10,515	4,637	198
Allegany	48,946	1,062	3,771	1,677	770	32
Bronx	1,385,108	36,982	100,558	42,151	17,074	896
Broome	200,600	4,074	15,705	7,082	3,333	131
Cattaraugus	80,317	1,888	6,036	2,759	1,304	52
Cayuga	80,026	1,737	6,160	2,799	1,305	52
Chautauqua	134,905	2,958	10,338	4,724	2,263	88
Chemung	88,830	1,997	6,766	3,081	1,452	58
Chenango	50,477	1,153	3,820	1,780	866	33
Clinton	82,128	1,596	6,530	2,853	1,239	54

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
New York continued						
Columbia	63,096	1,286	4,918	2,329	1,162	41
Cortland	49,336	1,046	3,838	1,660	716	32
Delaware	47,980	945	3,767	1,785	906	31
Dutchess	297,488	6,626	22,792	10,165	4,540	194
Erie	919,040	19,982	70,692	31,913	14,931	597
Essex	39,370	762	3,110	1,453	716	26
Franklin	51,599	1,077	4,028	1,770	776	34
Fulton	55,531	1,238	4,238	1,942	924	36
Genesee	60,079	1,332	4,595	2,096	987	39
Greene	49,221	952	3,893	1,805	875	32
Hamilton	4,836	80	393	197	107	3
Herkimer	64,519	1,436	4,920	2,274	1,102	42
Jefferson	116,229	2,976	8,557	3,601	1,480	76
Kings	2,504,700	59,700	188,760	79,398	32,655	1,622
Lewis	27,087	673	2,000	916	432	18
Livingston	65,393	1,328	5,138	2,275	1,008	43
Madison	73,442	1,608	5,652	2,518	1,130	48
Monroe	744,344	16,944	56,649	25,087	11,249	483
Montgomery	50,219	1,185	3,764	1,731	837	33
Nassau	1,339,532	31,296	100,900	46,015	21,623	870
New York	1,585,873	23,547	133,465	55,657	23,034	1,026
Niagara	216,469	4,670	16,678	7,629	3,607	141
Oneida	234,878	5,160	17,998	8,180	3,884	153
Onondaga	467,026	10,773	35,394	15,725	7,091	303
Ontario	107,931	2,441	8,208	3,769	1,777	70
Orange	372,813	10,198	26,781	11,663	4,939	243
Orleans	42,883	958	3,278	1,481	678	28
Oswego	122,109	2,835	9,254	4,076	1,777	80
Otsego	62,259	1,167	4,970	2,240	1,051	40
Putnam	99,710	2,375	7,492	3,396	1,510	65
Queens	2,230,722	46,394	174,510	74,852	31,867	1,450
Rensselaer	159,429	3,412	12,356	5,461	2,417	104
Richmond	468,730	10,968	35,439	15,561	6,779	305
Rockland	311,687	8,797	22,035	9,855	4,493	203
Saratoga	219,607	5,008	16,704	7,509	3,385	143
Schenectady	154,727	3,567	11,712	5,273	2,439	101
Schoharie	32,749	656	2,573	1,175	552	21
Schuyler	18,343	391	1,415	663	323	12
Seneca	35,251	755	2,723	1,235	577	23
St. Lawrence	111,944	2,391	8,679	3,801	1,682	73
Steuben	98,990	2,330	7,432	3,420	1,634	65
Suffolk	1,493,350	35,925	111,763	49,895	22,421	973
Sullivan	77,547	1,765	5,891	2,689	1,250	51
Tioga	51,125	1,203	3,839	1,782	853	33
Tompkins	101,564	1,673	8,415	3,401	1,296	66
Ulster	182,493	3,698	14,320	6,482	2,974	119
Warren	65,707	1,360	5,109	2,384	1,161	43
Washington	63,216	1,338	4,901	2,222	1,034	42
Wayne	93,772	2,240	7,023	3,209	1,484	61
Westchester	949,113	22,901	70,847	31,908	14,747	616
Wyoming	42,155	874	3,294	1,468	653	28
Yates	25,348	624	1,873	870	425	16
North Carolina	9,535,483	206,759	543,368	312,240	136,586	7,256
Alamance	151,131	3,212	8,684	5,052	2,307	114
Alexander	37,198	766	2,163	1,279	596	29
Alleghany	11,155	203	676	416	217	9
Anson	26,948	541	1,575	917	415	21
Ashe	27,281	480	1,664	1,019	524	21
Avery	17,797	277	1,109	655	311	14
Beaufort	47,759	954	2,815	1,716	863	36
Bertie	21,282	402	1,271	764	371	16
Bladen	35,190	736	2,040	1,220	578	27
Brunswick	107,431	1,827	6,619	4,106	2,161	82
Buncombe	238,318	4,426	14,248	8,384	3,922	181
Burke	90,912	1,829	5,325	3,163	1,503	70
Cabarrus	178,011	4,420	9,666	5,506	2,332	136
Caldwell	83,029	1,702	4,836	2,870	1,348	63

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Camden	9,980	232	558	328	147	8
Carteret	66,469	1,140	4,077	2,494	1,255	51
Caswell	23,719	443	1,420	855	405	18
Catawba	154,358	3,334	8,832	5,176	2,357	118
Chatham	63,505	1,254	3,753	2,280	1,142	48
Cherokee	27,444	479	1,684	1,055	572	21
Chowan	14,793	301	869	536	277	11
Clay	10,587	180	655	413	226	8
Cleveland	98,078	2,084	5,648	3,338	1,553	74
Columbus	58,098	1,226	3,353	1,980	925	44
Craven	103,505	2,193	5,952	3,453	1,594	79
Cumberland	319,431	7,752	17,406	9,565	3,725	243
Currituck	23,547	507	1,350	800	358	18
Dare	33,920	615	2,044	1,227	573	26
Davidson	162,878	3,523	9,323	5,493	2,524	124
Davie	41,240	884	2,377	1,435	699	31
Duplin	58,505	1,348	3,277	1,915	876	45
Durham	267,587	5,466	15,411	8,411	3,231	203
Edgecombe	56,552	1,258	3,210	1,902	879	43
Forsyth	350,670	7,739	19,877	11,448	5,029	265
Franklin	60,619	1,347	3,433	2,000	882	46
Gaston	206,086	4,462	11,765	6,829	3,032	157
Gates	12,197	263	700	420	198	9
Graham	8,861	173	526	321	165	7
Granville	59,916	1,208	3,491	2,020	873	47
Greene	21,362	449	1,229	708	307	17
Guilford	488,406	10,374	27,964	15,892	6,778	370
Halifax	54,691	1,143	3,172	1,902	913	41
Harnett	114,678	2,884	6,180	3,449	1,404	87
Haywood	59,036	1,045	3,598	2,212	1,155	45
Henderson	106,740	1,990	6,430	3,966	2,128	81
Hertford	24,669	471	1,465	868	407	19
Hoke	46,952	1,285	2,433	1,316	481	36
Hyde	5,810	98	356	208	95	5
Iredell	159,437	3,678	8,917	5,191	2,302	122
Jackson	40,271	645	2,481	1,413	627	31
Johnston	168,878	4,256	9,107	5,154	2,117	129
Jones	10,153	200	600	366	180	8
Lee	57,866	1,347	3,227	1,874	846	44
Lenoir	59,495	1,299	3,405	2,043	982	45
Lincoln	78,265	1,675	4,491	2,637	1,180	60
Macon	33,922	592	2,082	1,303	715	26
Madison	20,764	371	1,258	755	368	16
Martin	24,505	493	1,442	879	436	18
McDowell	44,996	887	2,652	1,579	754	34
Mecklenburg	919,628	21,145	51,033	27,930	10,596	699
Mitchell	15,579	275	950	584	304	12
Montgomery	27,798	611	1,586	944	449	21
Moore	88,247	1,735	5,243	3,240	1,757	67
Nash	95,840	2,078	5,481	3,231	1,474	73
New Hanover	202,667	3,662	12,142	6,914	3,016	154
Northampton	22,099	417	1,325	815	419	17
Onslow	177,772	4,072	9,810	5,074	1,721	139
Orange	133,801	2,535	7,876	4,336	1,668	101
Pamlico	13,144	213	819	511	270	10
Pasquotank	40,661	834	2,357	1,353	596	31
Pender	52,217	1,077	3,035	1,802	842	40
Perquimans	13,453	251	811	503	267	10
Person	39,464	826	2,286	1,365	642	30
Pitt	168,148	3,425	9,689	5,271	2,024	127
Polk	20,510	357	1,262	798	444	16
Randolph	141,752	3,146	8,041	4,714	2,150	108
Richmond	46,639	1,031	2,649	1,552	711	36
Robeson	134,168	3,256	7,345	4,170	1,755	102
Rockingham	93,643	1,884	5,492	3,289	1,574	71
Rowan	138,428	2,985	7,924	4,640	2,125	106
Rutherford	67,810	1,380	3,968	2,390	1,172	52
Sampson	63,431	1,475	3,542	2,073	952	48
Scotland	36,157	822	2,035	1,194	541	27

Association/State/County	Total Population²	Pediatric Asthma³	Adult Asthma⁴	Chronic Bronchitis⁵	Emphysema⁶	Lung Cancer^{7,8}
North Carolina continued						
Stanly	60,585	1,244	3,525	2,084	981	46
Stokes	47,401	953	2,781	1,670	797	36
Surry	73,673	1,560	4,255	2,541	1,229	56
Swain	13,981	296	808	484	234	11
Transylvania	33,090	528	2,074	1,302	731	25
Tyrrell	4,407	72	272	160	75	3
Union	201,292	5,517	10,492	5,954	2,440	154
Vance	45,422	1,046	2,546	1,494	686	34
Wake	900,993	21,260	49,575	27,262	10,330	686
Warren	20,972	386	1,264	772	389	16
Washington	13,228	276	771	472	238	10
Watauga	51,079	641	3,271	1,770	698	39
Wayne	122,623	2,762	6,907	3,986	1,763	93
Wilkes	69,340	1,408	4,059	2,443	1,191	53
Wilson	81,234	1,817	4,597	2,696	1,234	62
Yadkin	38,406	810	2,220	1,324	635	29
Yancey	17,818	323	1,080	663	345	14
North Dakota						
	672,591	9,592	38,893	22,720	10,272	372
Adams	2,343	29	139	92	51	1
Barnes	11,066	146	648	405	207	6
Benson	6,660	143	328	194	89	4
Billings	783	9	47	31	16	0
Bottineau	6,429	78	382	247	131	4
Bowman	3,151	43	182	118	63	2
Burke	1,968	26	114	75	40	1
Burleigh	81,308	1,174	4,684	2,724	1,202	45
Cass	149,778	2,090	8,812	4,729	1,801	83
Cavalier	3,993	50	234	157	90	2
Dickey	5,289	78	301	189	102	3
Divide	2,071	23	125	84	48	1
Dunn	3,536	50	203	128	63	2
Eddy	2,385	32	138	92	52	1
Emmons	3,550	49	204	139	82	2
Foster	3,343	47	192	124	68	2
Golden Valley	1,680	26	94	61	33	1
Grand Forks	66,861	859	4,023	2,158	830	37
Grant	2,394	29	142	97	56	1
Griggs	2,420	29	143	97	56	1
Hettinger	2,477	30	147	97	55	1
Kidder	2,435	33	140	91	48	1
LaMoure	4,139	56	239	159	90	2
Logan	1,990	27	115	78	46	1
McHenry	5,395	75	309	199	105	3
McIntosh	2,809	33	168	116	74	2
McKenzie	6,360	108	345	209	97	4
McLean	8,962	113	526	346	185	5
Mercer	8,424	115	484	310	150	5
Morton	27,471	420	1,548	929	430	15
Mountrail	7,673	117	434	255	115	4
Nelson	3,126	36	187	127	74	2
Oliver	1,846	26	105	69	34	1
Pembina	7,413	102	426	275	144	4
Pierce	4,357	60	251	164	91	2
Ramsey	11,451	161	659	409	204	6
Ransom	5,457	82	307	197	103	3
Renville	2,470	34	142	91	47	1
Richland	16,321	234	938	561	259	9
Rolette	13,937	298	690	397	167	8
Sargent	3,829	56	217	139	72	2
Sheridan	1,321	14	81	56	33	1
Sioux	4,153	97	198	106	39	2
Slope	727	9	42	28	14	0
Stark	24,199	332	1,413	837	392	13
Steele	1,975	27	114	75	41	1
Stutsman	21,100	277	1,240	756	365	12
Towner	2,246	28	132	89	50	1
Traill	8,121	116	466	288	145	4

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
North Dakota continued						
Walsh	11,119	158	635	407	213	6
Ward	61,675	928	3,533	1,983	851	34
Wells	4,207	49	251	172	102	2
Williams	22,398	331	1,276	764	354	12
Ohio	11,536,504	256,035	846,955	386,507	175,326	8,347
Adams	28,550	669	2,057	953	445	21
Allen	106,331	2,386	7,769	3,565	1,647	77
Ashland	53,139	1,189	3,880	1,799	853	38
Ashtabula	101,497	2,251	7,438	3,484	1,655	74
Athens	64,757	961	5,266	2,131	777	47
Auglaize	45,949	1,094	3,290	1,540	732	33
Belmont	70,400	1,299	5,418	2,565	1,251	51
Brown	44,846	1,035	3,251	1,506	698	33
Butler	368,130	8,683	26,590	11,775	4,989	266
Carroll	28,836	622	2,129	1,018	497	21
Champaign	40,097	941	2,889	1,334	616	29
Clark	138,333	3,061	10,132	4,742	2,274	100
Clermont	197,363	4,743	14,170	6,404	2,777	143
Clinton	42,040	962	3,060	1,399	631	30
Columbiana	107,841	2,211	8,082	3,811	1,833	78
Coshocton	36,901	832	2,687	1,264	610	27
Crawford	43,784	950	3,219	1,531	760	32
Cuyahoga	1,280,122	27,215	95,026	44,014	20,639	921
Darke	52,959	1,239	3,805	1,801	884	38
Defiance	39,037	900	2,827	1,312	615	28
Delaware	174,214	4,735	11,977	5,287	2,161	126
Erie	77,079	1,608	5,744	2,747	1,352	56
Fairfield	146,156	3,601	10,387	4,698	2,067	106
Fayette	29,030	672	2,100	972	454	21
Franklin	1,163,414	26,116	85,549	36,418	14,314	841
Fulton	42,698	1,032	3,048	1,417	656	31
Gallia	30,934	689	2,262	1,057	504	22
Geauga	93,389	2,272	6,644	3,199	1,556	68
Greene	161,573	3,294	12,171	5,463	2,411	117
Guernsey	40,087	902	2,923	1,374	660	29
Hamilton	802,374	17,781	58,986	26,553	11,754	579
Hancock	74,782	1,653	5,495	2,508	1,142	54
Hardin	32,058	709	2,356	1,045	458	23
Harrison	15,864	326	1,186	573	287	12
Henry	28,215	665	2,027	948	450	20
Highland	43,589	1,040	3,118	1,444	680	32
Hocking	29,380	657	2,149	1,005	474	21
Holmes	42,366	1,361	2,680	1,188	518	31
Huron	59,626	1,469	4,230	1,941	884	43
Jackson	33,225	765	2,411	1,107	506	24
Jefferson	69,709	1,318	5,327	2,544	1,262	50
Knox	60,921	1,378	4,439	2,036	940	44
Lake	230,041	4,784	17,183	8,084	3,860	166
Lawrence	62,450	1,373	4,587	2,127	1,002	45
Licking	166,492	3,856	12,075	5,513	2,474	121
Logan	45,858	1,089	3,290	1,534	720	33
Lorain	301,356	6,758	22,052	10,178	4,680	218
Lucas	441,815	9,951	32,325	14,537	6,409	319
Madison	43,435	920	3,244	1,451	626	32
Mahoning	238,823	4,813	17,945	8,544	4,224	172
Marion	66,501	1,381	4,981	2,280	1,034	49
Medina	172,332	4,101	12,393	5,717	2,583	125
Meigs	23,770	508	1,762	823	389	17
Mercer	40,814	1,010	2,882	1,354	649	30
Miami	102,506	2,322	7,464	3,488	1,649	74
Monroe	14,642	295	1,098	533	273	11
Montgomery	535,153	11,559	39,549	18,186	8,441	386
Morgan	15,054	330	1,104	528	261	11
Morrow	34,827	843	2,487	1,147	522	25
Muskingum	86,074	1,936	6,279	2,904	1,362	62
Noble	14,645	262	1,131	563	295	11
Ottawa	41,428	806	3,142	1,540	785	30

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Ohio continued						
Paulding	19,614	463	1,410	659	310	14
Perry	36,058	884	2,565	1,172	525	26
Pickaway	55,698	1,234	4,099	1,840	806	41
Pike	28,709	668	2,074	957	445	21
Portage	161,419	3,158	12,312	5,476	2,360	117
Preble	42,270	960	3,077	1,440	680	31
Putnam	34,499	863	2,431	1,130	527	25
Richland	124,475	2,627	9,249	4,320	2,063	91
Ross	78,064	1,649	5,826	2,649	1,181	57
Sandusky	60,944	1,394	4,424	2,068	978	44
Scioto	79,499	1,696	5,892	2,701	1,258	58
Seneca	56,745	1,253	4,167	1,921	890	41
Shelby	49,423	1,266	3,459	1,582	712	36
Stark	375,586	8,062	27,775	13,027	6,242	271
Summit	541,781	11,586	40,213	18,517	8,509	391
Trumbull	210,312	4,372	15,677	7,461	3,669	152
Tuscarawas	92,582	2,059	6,769	3,186	1,539	67
Union	52,300	1,336	3,683	1,600	641	38
Van Wert	28,744	672	2,068	975	473	21
Vinton	13,435	313	972	449	206	10
Warren	212,693	5,483	14,902	6,647	2,810	155
Washington	61,778	1,213	4,679	2,220	1,086	45
Wayne	114,520	2,733	8,201	3,784	1,757	83
Williams	37,642	836	2,755	1,292	619	27
Wood	125,488	2,557	9,470	4,160	1,757	91
Wyandot	22,615	516	1,640	770	372	16

Oklahoma	3,751,351	94,886	269,003	122,088	54,430	3,070
Adair	22,683	649	1,559	712	319	19
Alfalfa	5,642	104	445	215	110	5
Atoka	14,182	342	1,037	483	230	12
Beaver	5,636	150	400	189	91	5
Beckham	22,119	545	1,597	716	310	18
Blaine	11,943	260	892	400	178	10
Bryan	42,416	1,012	3,099	1,420	664	35
Caddo	29,600	764	2,113	974	451	24
Canadian	115,541	3,174	8,046	3,600	1,509	95
Carter	47,557	1,250	3,377	1,565	733	39
Cherokee	46,987	1,157	3,393	1,528	674	38
Choctaw	15,205	375	1,106	528	266	12
Cimarron	2,475	64	178	88	48	2
Cleveland	255,755	6,040	18,627	8,087	3,192	210
Coal	5,925	154	424	202	102	5
Comanche	124,098	3,178	8,795	3,798	1,499	102
Cotton	6,193	156	448	212	104	5
Craig	15,029	348	1,114	527	259	12
Creek	69,967	1,779	5,036	2,354	1,107	57
Custer	27,469	654	1,997	885	382	22
Delaware	41,487	950	3,098	1,510	795	34
Dewey	4,810	125	345	167	88	4
Ellis	4,151	105	300	146	75	3
Garfield	60,580	1,526	4,359	2,013	944	50
Garvin	27,576	687	1,996	939	462	23
Grady	52,431	1,345	3,754	1,728	783	43
Grant	4,527	105	338	166	89	4
Greer	6,239	126	477	220	105	5
Harmon	2,922	77	208	99	49	2
Harper	3,685	95	264	126	64	3
Haskell	12,769	332	912	431	215	10
Hughes	14,003	317	1,042	487	236	12
Jackson	26,446	705	1,860	837	368	22
Jefferson	6,472	160	471	227	117	5
Johnston	10,957	274	792	371	180	9
Kay	46,562	1,202	3,332	1,570	773	38
Kingfisher	15,034	408	1,057	492	232	12
Kiowa	9,446	225	696	334	169	8
Latimer	11,154	273	812	382	188	9
Le Flore	50,384	1,270	3,628	1,681	788	41

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Oklahoma continued						
Lincoln	34,273	892	2,450	1,152	550	28
Logan	41,848	1,069	2,998	1,367	602	34
Love	9,423	234	683	323	159	8
Major	7,527	178	556	268	138	6
Marshall	15,840	386	1,159	561	293	13
Mayes	41,259	1,073	2,945	1,380	660	34
McClain	34,506	938	2,422	1,115	504	28
McCurtain	33,151	878	2,350	1,096	522	27
McIntosh	20,252	434	1,542	759	408	17
Murray	13,488	329	985	467	231	11
Muskogee	70,990	1,787	5,108	2,351	1,085	58
Noble	11,561	291	835	394	192	9
Nowata	10,536	260	767	366	184	9
Okfuskee	12,191	290	895	420	203	10
Oklahoma	718,633	18,486	51,118	22,791	9,700	587
Okmulgee	40,069	1,008	2,889	1,345	640	33
Osage	47,472	1,179	3,449	1,626	773	39
Ottawa	31,848	802	2,294	1,073	523	26
Pawnee	16,577	417	1,199	567	276	14
Payne	77,350	1,493	5,899	2,471	925	64
Pittsburg	45,837	1,033	3,421	1,610	788	38
Pontotoc	37,492	894	2,736	1,243	567	31
Pottawatomie	69,442	1,771	4,971	2,275	1,039	56
Pushmataha	11,572	265	863	418	218	9
Roger Mills	3,647	93	262	125	63	3
Rogers	86,905	2,319	6,138	2,821	1,275	71
Seminole	25,482	669	1,812	849	410	21
Sequoyah	42,391	1,115	3,011	1,400	657	35
Stephens	45,048	1,105	3,281	1,551	765	37
Texas	20,640	606	1,394	609	247	17
Tillman	7,992	202	577	274	137	7
Tulsa	603,403	15,746	42,748	19,139	8,200	493
Wagoner	73,085	1,987	5,123	2,338	1,033	60
Washington	50,976	1,220	3,742	1,773	881	42
Washita	11,629	306	826	390	192	9
Woods	8,878	170	685	309	144	7
Woodward	20,081	499	1,449	661	300	17
Oregon	3,831,074	65,351	282,548	129,097	57,855	2,438
Baker	16,134	247	1,211	612	329	10
Benton	85,579	1,150	6,706	2,905	1,179	55
Clackamas	375,992	6,730	27,465	12,768	5,800	239
Clatsop	37,039	573	2,804	1,338	644	24
Columbia	49,351	876	3,614	1,691	776	31
Coos	63,043	900	4,820	2,406	1,267	40
Crook	20,978	347	1,547	768	400	13
Curry	22,364	265	1,760	936	544	14
Deschutes	157,733	2,732	11,576	5,393	2,499	100
Douglas	107,667	1,666	8,064	4,013	2,109	69
Gilliam	1,871	27	144	73	40	1
Grant	7,445	108	566	291	161	5
Harney	7,422	126	546	269	138	5
Hood River	22,346	438	1,582	721	319	14
Jackson	203,206	3,342	15,054	7,216	3,550	129
Jefferson	21,720	414	1,543	726	344	14
Josephine	82,713	1,273	6,186	3,123	1,683	53
Klamath	66,380	1,116	4,893	2,337	1,139	42
Lake	7,895	115	603	300	156	5
Lane	351,715	5,256	26,830	12,309	5,587	224
Lincoln	46,034	600	3,603	1,813	957	29
Linn	116,672	2,125	8,409	3,939	1,855	74
Malheur	31,313	604	2,206	1,015	470	20
Marion	315,335	6,289	22,085	9,970	4,389	201
Morrow	11,173	241	763	351	158	7
Multnomah	735,334	11,365	55,973	24,111	9,525	468
Polk	75,403	1,383	5,418	2,498	1,151	48
Sherman	1,765	26	134	68	36	1
Tillamook	25,250	377	1,913	956	502	16

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Umatilla	75,889	1,524	5,310	2,405	1,060	49
Union	25,748	437	1,892	896	432	16
Wallowa	7,008	99	537	276	151	4
Wasco	25,213	441	1,834	883	438	16
Washington	529,710	10,245	37,764	16,436	6,594	337
Wheeler	1,441	20	110	59	35	1
Yamhill	99,193	1,873	7,084	3,222	1,435	63
Pennsylvania	12,702,379	266,042	981,425	438,477	204,089	9,001
Adams	101,407	2,138	7,821	3,527	1,662	72
Allegheny	1,223,348	23,026	96,938	43,705	20,759	864
Armstrong	68,941	1,352	5,394	2,520	1,259	49
Beaver	170,539	3,323	13,354	6,236	3,121	121
Bedford	49,762	1,023	3,830	1,796	911	35
Berks	411,442	9,351	31,081	13,786	6,321	292
Blair	127,089	2,561	9,864	4,525	2,216	90
Bradford	62,622	1,357	4,768	2,223	1,108	44
Bucks	625,249	13,674	47,972	21,649	10,055	444
Butler	183,862	3,932	14,159	6,377	2,978	131
Cambria	143,679	2,690	11,346	5,269	2,631	102
Cameron	5,085	94	402	196	104	4
Carbon	65,249	1,290	5,100	2,365	1,167	46
Centre	153,990	2,336	12,890	5,147	1,968	110
Chester	498,886	11,820	37,427	16,456	7,308	354
Clarion	39,988	739	3,180	1,412	659	28
Clearfield	81,642	1,553	6,446	2,947	1,430	58
Clinton	39,238	773	3,070	1,363	636	28
Columbia	67,295	1,196	5,409	2,388	1,101	48
Crawford	88,765	1,897	6,803	3,106	1,497	63
Cumberland	235,406	4,641	18,484	8,232	3,818	167
Dauphin	268,100	5,928	20,504	9,057	4,082	190
Delaware	558,979	12,426	42,551	18,789	8,540	395
Elk	31,946	634	2,488	1,173	595	23
Erie	280,566	6,080	21,501	9,496	4,330	199
Fayette	136,606	2,637	10,735	4,962	2,445	97
Forest	7,716	91	666	297	140	6
Franklin	149,618	3,405	11,223	5,093	2,453	106
Fulton	14,845	327	1,124	516	252	11
Greene	38,686	732	3,077	1,370	631	28
Huntingdon	45,913	881	3,626	1,628	766	33
Indiana	88,880	1,605	7,121	3,126	1,427	63
Jefferson	45,200	930	3,486	1,618	807	32
Juniata	24,636	563	1,845	845	412	18
Lackawanna	214,437	4,187	16,782	7,658	3,727	152
Lancaster	519,445	12,293	38,625	17,224	8,019	368
Lawrence	91,108	1,844	7,048	3,291	1,657	64
Lebanon	133,568	2,931	10,127	4,628	2,252	95
Lehigh	349,497	7,878	26,450	11,770	5,433	247
Luzerne	320,918	6,174	25,203	11,547	5,652	228
Lycoming	116,111	2,307	9,080	4,098	1,946	82
McKean	43,450	872	3,383	1,535	738	31
Mercer	116,638	2,404	8,978	4,169	2,085	83
Mifflin	46,682	1,028	3,521	1,641	827	33
Monroe	169,842	3,866	12,931	5,709	2,536	121
Montgomery	799,874	17,484	61,125	27,392	12,751	566
Montour	18,267	369	1,415	661	332	13
Northampton	297,735	6,210	23,030	10,345	4,851	211
Northumberland	94,528	1,853	7,382	3,425	1,707	67
Perry	45,969	1,020	3,520	1,571	714	33
Philadelphia	1,526,006	32,761	117,594	49,215	20,494	1,075
Pike	57,369	1,273	4,365	2,020	981	41
Potter	17,457	372	1,330	633	327	12
Schuylkill	148,289	2,833	11,670	5,371	2,642	106
Snyder	39,702	847	3,046	1,355	630	28
Somerset	77,742	1,442	6,164	2,862	1,422	56
Sullivan	6,428	98	526	259	142	5
Susquehanna	43,356	873	3,375	1,585	793	31
Tioga	41,981	818	3,286	1,510	742	30
Union	44,947	792	3,627	1,563	692	33

Association/State/County	Total Population²	Pediatric Asthma³	Adult Asthma⁴	Chronic Bronchitis⁵	Emphysema⁶	Lung Cancer^{7,8}
Pennsylvania continued						
Venango	54,984	1,127	4,257	1,991	992	39
Warren	41,815	831	3,259	1,535	775	30
Washington	207,820	4,067	16,304	7,519	3,677	147
Wayne	52,822	957	4,216	1,983	998	38
Westmoreland	365,169	6,919	28,801	13,508	6,795	259
Wyoming	28,276	586	2,194	1,000	477	20
York	434,972	9,720	33,129	14,706	6,692	309
Rhode Island						
Bristol	49,875	1,186	4,300	1,793	860	38
Kent	166,158	3,998	14,303	5,924	2,784	125
Newport	82,888	1,917	7,194	3,002	1,444	63
Providence	626,667	16,064	53,513	20,914	9,140	473
Washington	126,979	2,975	11,021	4,533	2,091	96
South Carolina						
Abbeville	25,417	524	1,634	887	428	17
Aiken	160,099	3,337	10,261	5,488	2,572	110
Allendale	10,419	211	673	352	155	7
Anderson	187,126	4,062	11,847	6,319	2,954	129
Bamberg	15,987	324	1,034	551	260	11
Barnwell	22,621	525	1,399	748	345	16
Beaufort	162,233	3,113	10,683	5,782	2,965	112
Berkeley	177,843	4,074	11,053	5,560	2,232	123
Calhoun	15,175	299	988	542	261	10
Charleston	350,209	6,584	23,118	11,753	5,001	241
Cherokee	55,342	1,237	3,470	1,818	814	38
Chester	33,140	718	2,097	1,123	521	23
Chesterfield	46,734	1,047	2,926	1,551	701	32
Clarendon	34,971	708	2,261	1,227	594	24
Colleton	38,892	860	2,446	1,325	632	27
Darlington	68,681	1,510	4,327	2,311	1,063	47
Dillon	32,062	777	1,954	1,028	460	22
Dorchester	136,555	3,355	8,275	4,216	1,728	94
Edgefield	26,985	523	1,763	928	409	19
Fairfield	23,956	492	1,539	838	393	16
Florence	136,885	3,054	8,587	4,489	1,994	93
Georgetown	60,158	1,180	3,926	2,204	1,141	41
Greenville	451,225	9,906	28,464	14,700	6,407	311
Greenwood	69,661	1,496	4,430	2,323	1,074	48
Hampton	21,090	461	1,331	698	312	15
Horry	269,291	4,915	17,920	9,588	4,593	186
Jasper	24,777	556	1,551	785	326	17
Kershaw	61,697	1,372	3,871	2,078	960	43
Lancaster	76,652	1,616	4,899	2,600	1,213	53
Laurens	66,537	1,398	4,254	2,266	1,052	46
Lee	19,220	386	1,244	656	292	13
Lexington	262,391	5,814	16,487	8,572	3,713	181
Marion	33,062	731	2,079	1,119	522	22
Marlboro	28,933	573	1,881	979	428	20
McCormick	10,233	134	729	416	224	7
Newberry	37,508	774	2,412	1,290	610	26
Oconee	74,273	1,423	4,881	2,683	1,354	51
Orangeburg	92,501	1,943	5,918	3,127	1,440	63
Pickens	119,224	2,201	7,914	4,005	1,720	83
Richland	384,504	7,934	24,727	12,137	4,700	265
Saluda	19,875	415	1,274	679	322	14
Spartanburg	284,307	6,293	17,885	9,345	4,171	196
Sumter	107,456	2,486	6,664	3,447	1,518	74
Union	28,961	598	1,861	1,012	488	20
Williamsburg	34,423	736	2,188	1,173	544	24
York	226,073	5,233	14,000	7,206	3,047	155
South Dakota						
Aurora	2,710	66	150	93	50	2
Beadle	17,398	382	991	601	297	10
Bennett	3,431	108	168	96	42	2
Bon Homme	7,070	126	428	258	129	4

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
South Dakota continued						
Brookings	31,965	547	1,955	1,012	371	19
Brown	36,531	768	2,112	1,243	589	21
Brule	5,255	123	293	179	90	3
Buffalo	1,912	68	87	47	18	1
Butte	10,110	229	568	345	166	6
Campbell	1,466	25	89	59	34	1
Charles Mix	9,129	245	485	295	151	5
Clark	3,691	79	213	134	73	2
Clay	13,864	220	864	444	162	8
Codington	27,227	612	1,539	903	419	16
Corson	4,050	126	199	114	49	2
Custer	8,216	148	493	321	173	5
Davison	19,504	415	1,125	663	321	11
Day	5,710	113	337	215	118	3
Deuel	4,364	93	251	155	80	3
Dewey	5,301	163	262	148	62	3
Douglas	3,002	62	175	113	64	2
Edmunds	4,071	89	234	148	80	2
Fall River	7,094	121	433	280	153	4
Faulk	2,364	50	137	87	49	1
Grant	7,356	154	424	265	135	4
Gregory	4,271	87	250	160	90	3
Haakon	1,937	39	113	73	39	1
Hamlin	5,903	164	310	187	95	3
Hand	3,431	65	206	131	75	2
Hanson	3,331	98	169	100	47	2
Harding	1,255	26	72	44	21	1
Hughes	17,022	366	971	575	259	10
Hutchinson	7,343	158	426	271	155	4
Hyde	1,420	29	83	53	29	1
Jackson	3,031	90	153	89	42	2
Jerauld	2,071	39	124	79	45	1
Jones	1,006	20	59	37	20	1
Kingsbury	5,148	102	303	192	104	3
Lake	11,200	220	660	393	189	7
Lawrence	24,097	428	1,456	864	409	14
Lincoln	44,828	1,205	2,361	1,298	507	26
Lyman	3,755	100	199	118	56	2
Marshall	4,656	94	273	167	85	3
McCook	5,618	132	314	194	101	3
McPherson	2,459	49	147	96	59	1
Meade	25,434	581	1,421	826	357	15
Mellette	2,048	60	104	62	29	1
Miner	2,389	52	137	87	48	1
Minnehaha	169,468	3,857	9,505	5,353	2,222	99
Moody	6,486	154	359	217	104	4
Pennington	100,948	2,251	5,707	3,318	1,486	59
Perkins	2,982	58	177	113	62	2
Potter	2,329	41	142	92	54	1
Roberts	10,149	261	548	333	168	6
Sanborn	2,355	46	139	87	46	1
Shannon	13,586	484	617	325	114	8
Spink	6,415	145	363	227	120	4
Stanley	2,966	65	168	102	49	2
Sully	1,373	28	80	51	26	1
Todd	9,612	350	430	231	84	6
Tripp	5,644	120	326	204	109	3
Turner	8,347	180	479	296	152	5
Union	14,399	341	795	477	222	8
Walworth	5,438	109	321	203	113	3
Yankton	22,438	451	1,312	783	374	13
Ziebach	2,801	99	128	70	26	2
Tennessee	6,346,105	135,566	289,105	210,506	93,523	5,093
Anderson	75,129	1,492	3,436	2,667	1,308	60
Bedford	45,058	1,094	1,969	1,425	632	36
Benton	16,489	306	760	610	314	13
Bledsoe	12,876	251	596	453	212	11

Association/State/County	Total Population²	Pediatric Asthma³	Adult Asthma⁴	Chronic Bronchitis⁵	Emphysema⁶	Lung Cancer^{7,8}
Tennessee continued						
Blount	123,010	2,481	5,633	4,285	2,037	99
Bradley	98,963	2,060	4,541	3,311	1,489	79
Campbell	40,716	811	1,867	1,431	696	33
Cannon	13,801	281	630	479	228	11
Carroll	28,522	567	1,306	1,007	497	23
Carter	57,424	1,045	2,701	2,060	990	46
Cheatham	39,105	884	1,750	1,278	541	32
Chester	17,131	362	785	567	256	14
Claiborne	32,213	614	1,503	1,130	530	26
Clay	7,861	149	361	289	150	6
Cocke	35,662	693	1,642	1,271	614	29
Coffee	52,796	1,165	2,355	1,782	847	42
Crockett	14,586	324	649	493	238	12
Cumberland	56,053	968	2,596	2,176	1,234	45
Davidson	626,681	12,360	29,794	20,132	7,935	502
Decatur	11,757	229	536	428	224	9
DeKalb	18,723	389	850	647	307	15
Dickson	49,666	1,127	2,213	1,630	730	40
Dyer	38,335	866	1,703	1,276	589	31
Fayette	38,413	805	1,734	1,337	628	31
Fentress	17,959	376	808	628	307	14
Franklin	41,052	812	1,886	1,446	704	33
Gibson	49,683	1,124	2,192	1,677	813	40
Giles	29,485	590	1,348	1,039	502	24
Grainger	22,657	457	1,035	793	378	18
Greene	68,831	1,321	3,182	2,456	1,199	55
Grundy	13,703	287	617	478	236	11
Hamblen	62,544	1,336	2,826	2,119	1,002	50
Hamilton	336,463	6,580	15,674	11,555	5,259	269
Hancock	6,819	136	312	242	118	5
Hardeman	27,253	524	1,279	935	417	22
Hardin	26,026	512	1,189	935	469	21
Hawkins	56,833	1,150	2,593	1,992	958	46
Haywood	18,787	436	826	622	285	15
Henderson	27,769	612	1,242	932	434	22
Henry	32,330	637	1,470	1,172	603	26
Hickman	24,690	504	1,135	840	379	20
Houston	8,426	181	376	293	146	7
Humphreys	18,538	389	834	648	319	15
Jackson	11,638	215	541	426	210	9
Jefferson	51,407	1,029	2,363	1,786	848	41
Johnson	18,244	305	875	669	323	15
Knox	432,226	8,563	20,233	14,451	6,263	347
Lake	7,832	119	393	275	117	7
Lauderdale	27,815	611	1,263	899	386	23
Lawrence	41,869	954	1,847	1,401	673	34
Lewis	12,161	263	543	420	203	10
Lincoln	33,361	706	1,499	1,160	564	27
Loudon	48,556	894	2,237	1,814	960	39
Macon	22,248	504	990	732	334	18
Madison	98,294	2,142	4,455	3,230	1,425	78
Marion	28,237	558	1,297	996	474	23
Marshall	30,617	684	1,370	1,012	452	25
Mauzy	80,956	1,781	3,643	2,686	1,192	65
McMinn	52,266	1,069	2,378	1,825	884	42
McNairy	26,075	554	1,169	906	446	21
Meigs	11,753	229	542	418	199	9
Monroe	44,519	922	2,018	1,548	745	36
Montgomery	172,331	4,369	7,617	4,945	1,808	138
Moore	6,362	128	289	227	114	5
Morgan	21,987	419	1,034	756	335	18
Obion	31,807	659	1,442	1,106	535	25
Overton	22,083	465	995	766	372	18
Perry	7,915	162	357	282	143	6
Pickett	5,077	88	236	194	104	4
Polk	16,825	338	768	594	289	14
Putnam	72,321	1,411	3,398	2,428	1,085	58
Rhea	31,809	676	1,439	1,082	511	26

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Tennessee continued						
Roane	54,181	1,023	2,496	1,984	998	44
Robertson	66,283	1,544	2,939	2,132	919	53
Rutherford	262,604	6,227	11,853	7,827	2,903	211
Scott	22,228	510	987	726	328	18
Sequatchie	14,112	301	636	482	228	11
Sevier	89,889	1,803	4,132	3,120	1,461	72
Shelby	927,644	22,178	41,149	28,788	11,752	741
Smith	19,166	421	860	643	291	15
Stewart	13,324	276	602	468	228	11
Sullivan	156,823	2,926	7,277	5,689	2,843	126
Sumner	160,645	3,682	7,143	5,237	2,309	129
Tipton	61,081	1,507	2,660	1,912	811	49
Trousdale	7,870	175	352	262	119	6
Unicoi	18,313	334	850	676	345	15
Union	19,109	413	861	645	293	15
Van Buren	5,548	105	256	202	98	4
Warren	39,839	879	1,783	1,335	624	32
Washington	122,979	2,250	5,839	4,279	1,952	99
Wayne	17,021	302	812	602	279	14
Weakley	35,021	637	1,672	1,204	544	28
White	25,841	526	1,174	908	447	21
Williamson	183,182	4,860	7,722	5,648	2,365	147
Wilson	113,993	2,588	5,082	3,738	1,635	92
Texas	25,145,561	519,338	1,349,112	764,017	311,147	15,399
Anderson	58,458	868	3,473	2,001	848	38
Andrews	14,786	326	774	448	191	9
Angelina	86,771	1,755	4,697	2,764	1,250	53
Aransas	23,158	342	1,383	897	498	14
Archer	9,054	165	511	314	152	6
Armstrong	1,901	32	110	70	37	1
Atascosa	44,911	973	2,374	1,403	629	27
Austin	28,417	539	1,580	963	462	17
Bailey	7,165	168	365	215	100	4
Bandera	20,485	304	1,230	792	414	13
Bastrop	74,171	1,471	4,065	2,395	1,036	46
Baylor	3,726	58	219	141	80	2
Bee	31,861	529	1,834	1,031	414	20
Bell	310,235	6,665	16,327	8,923	3,363	190
Bexar	1,714,773	35,195	92,129	51,876	20,942	1,047
Blanco	10,497	174	612	387	196	6
Borden	641	10	37	24	12	0
Bosque	18,212	315	1,041	661	353	11
Bowie	92,565	1,698	5,184	3,060	1,388	57
Brazoria	313,166	6,580	16,731	9,502	3,818	193
Brazos	194,851	3,013	11,301	5,773	1,852	120
Brewster	9,232	142	545	330	157	6
Briscoe	1,637	27	95	60	33	1
Brooks	7,223	152	386	237	118	4
Brown	38,106	690	2,144	1,307	643	23
Burleson	17,187	306	976	604	300	11
Burnet	42,750	750	2,435	1,517	770	26
Caldwell	38,066	761	2,069	1,194	511	23
Calhoun	21,381	429	1,163	701	332	13
Callahan	13,544	244	766	477	241	8
Cameron	406,220	10,151	20,030	11,419	4,857	247
Camp	12,401	254	670	407	198	8
Carson	6,182	120	341	212	106	4
Cass	30,464	534	1,734	1,080	552	19
Castro	8,062	191	410	243	112	5
Chambers	35,096	757	1,860	1,068	433	22
Cherokee	50,845	996	2,785	1,662	777	31
Childress	7,041	114	406	233	104	4
Clay	10,752	185	618	387	194	7
Cochran	3,127	69	163	99	47	2
Coke	3,320	53	194	128	73	2
Coleman	8,895	150	513	328	177	5
Collin	782,341	16,995	41,240	22,957	8,632	478

Association/State/County	Total Population²	Pediatric Asthma³	Adult Asthma⁴	Chronic Bronchitis⁵	Emphysema⁶	Lung Cancer^{7,8}
Texas continued						
Collingsworth	3,057	64	164	101	51	2
Colorado	20,874	376	1,180	741	383	13
Comal	108,472	1,944	6,155	3,771	1,803	66
Comanche	13,974	256	784	494	263	9
Concho	4,087	44	259	149	63	3
Cooke	38,437	744	2,119	1,286	618	24
Coryell	75,388	1,589	3,990	2,131	754	46
Cottle	1,505	26	86	56	31	1
Crane	4,375	98	229	133	58	3
Crockett	3,719	75	202	122	58	2
Crosby	6,059	132	319	196	99	4
Culberson	2,398	50	128	77	37	1
Dallam	6,703	152	347	196	78	4
Dallas	2,368,139	49,489	126,318	69,927	26,763	1,449
Dawson	13,833	259	766	441	196	9
Deaf Smith	19,372	472	968	557	240	12
Delta	5,231	90	300	188	97	3
Denton	662,614	13,786	35,438	19,318	6,912	405
DeWitt	20,097	340	1,156	714	357	12
Dickens	2,444	37	144	89	45	2
Dimmit	9,996	227	518	311	146	6
Donley	3,677	57	215	134	70	2
Duval	11,782	233	643	386	185	7
Eastland	18,583	315	1,067	664	342	11
Ector	137,130	3,011	7,181	4,065	1,658	84
Edwards	2,002	32	118	76	41	1
El Paso	800,647	18,215	41,259	23,290	9,523	488
Ellis	149,610	3,276	7,872	4,524	1,866	92
Erath	37,890	639	2,164	1,222	513	23
Falls	17,866	293	1,034	617	290	11
Fannin	33,915	568	1,954	1,184	573	21
Fayette	24,554	408	1,423	909	487	15
Fisher	3,974	68	228	146	79	2
Floyd	6,446	141	339	209	106	4
Foard	1,336	21	78	50	28	1
Fort Bend	585,375	13,149	30,524	17,185	6,509	358
Franklin	10,605	197	593	369	188	6
Freestone	19,816	350	1,125	683	330	12
Frio	17,217	322	952	532	216	11
Gaines	17,526	462	842	473	189	11
Galveston	291,309	5,610	16,100	9,375	3,984	178
Garza	6,461	97	382	214	85	4
Gillespie	24,837	381	1,467	966	559	15
Glasscock	1,226	27	65	39	18	1
Goliad	7,210	125	414	262	135	4
Gonzales	19,807	406	1,068	641	304	12
Gray	22,535	421	1,253	752	358	14
Grayson	120,877	2,204	6,793	4,087	1,930	74
Gregg	121,730	2,346	6,696	3,910	1,744	74
Grimes	26,604	458	1,524	908	411	17
Guadalupe	131,533	2,754	7,040	4,092	1,762	80
Hale	36,273	789	1,904	1,094	473	22
Hall	3,353	66	184	118	65	2
Hamilton	8,517	137	495	319	179	5
Hansford	5,613	129	289	172	80	3
Hardeman	4,139	77	231	145	75	3
Hardin	54,635	1,067	3,002	1,782	807	33
Harris	4,092,459	86,823	217,153	119,788	44,982	2,508
Harrison	65,631	1,284	3,604	2,136	961	40
Hartley	6,062	104	347	201	86	4
Haskell	5,899	93	345	217	115	4
Hays	157,107	2,932	8,712	4,759	1,762	96
Hemphill	3,807	84	199	118	53	2
Henderson	78,532	1,350	4,494	2,789	1,423	48
Hidalgo	774,769	20,308	37,172	20,542	8,149	472
Hill	35,089	644	1,966	1,211	610	21
Hockley	22,935	471	1,235	721	319	14
Hood	51,182	825	2,987	1,895	1,006	31

Association/State/County	Total Population²	Pediatric Asthma³	Adult Asthma⁴	Chronic Bronchitis⁵	Emphysema⁶	Lung Cancer^{7,8}
Texas continued						
Hopkins	35,161	680	1,936	1,165	553	22
Houston	23,732	373	1,393	861	435	15
Howard	35,012	594	2,012	1,184	523	22
Hudspeth	3,476	79	180	109	51	2
Hunt	86,129	1,620	4,789	2,835	1,287	53
Hutchinson	22,150	441	1,209	727	341	14
Irion	1,599	28	92	58	29	1
Jack	9,044	151	521	309	141	6
Jackson	14,075	271	777	474	231	9
Jasper	35,710	673	1,987	1,214	592	22
Jeff Davis	2,342	35	140	93	52	1
Jefferson	252,273	4,569	14,178	8,225	3,567	156
Jim Hogg	5,300	116	278	166	79	3
Jim Wells	40,838	889	2,150	1,266	571	25
Johnson	150,934	3,113	8,129	4,729	2,029	93
Jones	20,202	282	1,216	703	304	13
Karnes	14,824	224	875	505	221	9
Kaufman	103,350	2,251	5,449	3,135	1,303	63
Kendall	33,410	613	1,885	1,176	582	20
Kenedy	416	8	23	14	7	0
Kent	808	14	46	30	18	0
Kerr	49,625	757	2,929	1,888	1,057	30
Kimble	4,607	71	273	176	96	3
King	286	5	16	10	5	0
Kinney	3,598	55	212	135	74	2
Kleberg	32,061	609	1,763	984	402	20
Knox	3,719	71	205	129	69	2
La Salle	6,886	113	395	220	90	4
Lamar	49,793	915	2,787	1,683	813	30
Lamb	13,977	310	730	442	216	9
Lampasas	19,677	369	1,098	669	321	12
Lavaca	19,263	336	1,098	699	374	12
Lee	16,612	329	909	554	267	10
Leon	16,801	284	968	617	331	10
Liberty	75,643	1,465	4,166	2,409	1,017	46
Limestone	23,384	417	1,321	795	379	14
Lipscomb	3,302	69	177	106	50	2
Live Oak	11,531	178	680	420	212	7
Llano	19,301	233	1,204	817	496	12
Loving	82	1	5	3	2	0
Lubbock	278,831	5,133	15,514	8,653	3,483	171
Lynn	5,915	124	317	194	94	4
Madison	13,664	227	783	446	194	9
Marion	10,546	152	635	407	216	6
Martin	4,799	110	247	145	65	3
Mason	4,012	64	235	154	87	2
Matagorda	36,702	732	2,005	1,207	562	23
Maverick	54,258	1,386	2,648	1,508	635	33
McCulloch	8,283	154	463	292	153	5
McLennan	234,906	4,519	12,909	7,398	3,173	143
McMullen	707	9	44	28	16	0
Medina	46,006	897	2,531	1,507	684	28
Menard	2,242	33	134	89	51	1
Midland	136,872	2,839	7,345	4,225	1,776	84
Milam	24,757	496	1,349	833	418	15
Mills	4,936	91	277	179	100	3
Mitchell	9,403	138	558	315	133	6
Montague	19,719	342	1,125	703	363	12
Montgomery	455,746	9,529	24,429	14,092	5,865	279
Moore	21,904	529	1,099	619	250	14
Morris	12,934	228	735	457	235	8
Motley	1,210	20	70	46	27	1
Nacogdoches	64,524	1,139	3,636	2,038	837	39
Navarro	47,735	978	2,575	1,535	712	29
Newton	14,445	254	822	498	238	9
Nolan	15,216	298	834	507	247	9
Nueces	340,223	6,676	18,633	10,811	4,658	208
Ochiltree	10,223	244	516	294	122	6

Association/State/County	Total Population²	Pediatric Asthma³	Adult Asthma⁴	Chronic Bronchitis⁵	Emphysema⁶	Lung Cancer^{7,8}
Texas continued						
Oldham	2,052	53	101	61	28	1
Orange	81,837	1,551	4,543	2,706	1,237	50
Palo Pinto	28,111	532	1,563	954	463	17
Panola	23,796	444	1,328	801	380	15
Parker	116,927	2,259	6,463	3,821	1,680	72
Parmer	10,269	243	521	302	132	6
Pecos	15,507	289	864	499	211	10
Polk	45,413	724	2,652	1,634	823	28
Potter	121,073	2,546	6,451	3,672	1,523	75
Presidio	7,818	171	410	252	128	5
Rains	10,914	179	635	401	210	7
Randall	120,725	2,277	6,696	3,883	1,682	74
Reagan	3,367	76	175	101	42	2
Real	3,309	50	197	130	75	2
Red River	12,860	208	749	473	249	8
Reeves	13,783	238	784	444	185	9
Refugio	7,383	135	415	260	135	5
Roberts	929	18	51	31	15	1
Robertson	16,622	319	919	562	275	10
Rockwall	78,337	1,778	4,063	2,335	958	48
Runnels	10,501	199	583	365	190	6
Rusk	53,330	936	3,031	1,791	809	33
Sabine	10,834	160	646	428	248	7
San Augustine	8,865	141	519	334	183	5
San Jacinto	26,384	479	1,490	926	461	16
San Patricio	64,804	1,382	3,445	2,034	914	40
San Saba	6,131	97	358	218	110	4
Schleicher	3,461	83	175	103	47	2
Scurry	16,921	320	938	553	251	11
Shackelford	3,378	63	189	117	59	2
Shelby	25,448	509	1,383	830	396	16
Sherman	3,034	69	157	93	43	2
Smith	209,714	4,069	11,504	6,751	3,068	128
Somervell	8,490	170	464	282	133	5
Starr	60,968	1,564	2,962	1,663	686	37
Stephens	9,630	174	542	332	166	6
Sterling	1,143	21	64	39	19	1
Stonewall	1,490	26	85	55	31	1
Sutton	4,128	86	222	134	62	3
Swisher	7,854	155	428	258	127	5
Tarrant	1,809,034	38,355	96,149	53,843	20,989	1,105
Taylor	131,506	2,432	7,317	4,206	1,831	80
Terrell	984	16	57	36	19	1
Terry	12,651	248	692	407	186	8
Throckmorton	1,641	28	94	61	35	1
Titus	32,334	748	1,656	951	408	20
Tom Green	110,224	1,962	6,214	3,605	1,598	67
Travis	1,024,266	18,535	57,295	30,719	10,739	630
Trinity	14,585	230	857	549	298	9
Tyler	21,766	329	1,287	785	391	14
Upshur	39,309	735	2,195	1,336	640	24
Upton	3,355	69	181	109	51	2
Uvalde	26,405	577	1,386	826	389	16
Val Verde	48,879	1,102	2,527	1,452	633	30
Van Zandt	52,579	957	2,960	1,830	919	32
Victoria	86,793	1,753	4,709	2,787	1,261	53
Walker	67,861	856	4,163	2,295	878	43
Waller	43,205	806	2,402	1,353	541	26
Ward	10,658	221	573	343	161	6
Washington	33,718	564	1,944	1,193	595	21
Webb	250,304	6,668	11,912	6,484	2,426	153
Wharton	41,280	837	2,236	1,338	624	25
Wheeler	5,410	104	299	185	94	3
Wichita	131,500	2,300	7,450	4,278	1,846	81
Wilbarger	13,535	262	745	449	213	8
Willacy	22,134	449	1,191	672	280	14
Williamson	422,679	9,187	22,222	12,392	4,816	258
Wilson	42,918	857	2,349	1,407	632	26

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Texas continued						
Winkler	7,110	160	371	218	96	4
Wise	59,127	1,165	3,244	1,915	844	36
Wood	41,964	645	2,476	1,596	886	26
Yoakum	7,879	189	398	232	101	5
Young	18,550	337	1,044	646	327	11
Zapata	14,018	363	677	381	159	9
Zavala	11,677	277	591	342	150	7
Utah	2,763,885	59,896	172,069	76,662	29,728	667
Beaver	6,629	154	399	191	87	2
Box Elder	49,975	1,167	3,003	1,401	605	12
Cache	112,656	2,451	6,988	2,985	1,062	27
Carbon	21,403	393	1,428	683	309	5
Daggett	1,059	17	74	38	19	0
Davis	306,479	7,244	18,297	8,166	3,128	74
Duchesne	18,607	434	1,119	518	219	4
Emery	10,976	240	682	328	149	3
Garfield	5,172	95	346	173	84	1
Grand	9,225	146	649	315	142	2
Iron	46,163	959	2,926	1,299	511	11
Juab	10,246	264	583	271	115	2
Kane	7,125	119	492	253	132	2
Millard	12,503	279	769	377	180	3
Morgan	9,469	230	558	264	114	2
Piute	1,556	32	99	52	29	0
Rich	2,264	48	142	70	34	1
Salt Lake	1,029,655	20,614	66,384	29,531	11,231	248
San Juan	14,746	345	886	414	178	4
Sanpete	27,822	574	1,770	805	338	7
Sevier	20,802	454	1,292	624	295	5
Summit	36,324	692	2,400	1,121	435	9
Tooele	58,218	1,445	3,385	1,506	568	14
Uintah	32,588	747	1,977	894	356	8
Utah	516,564	12,514	30,344	12,705	4,280	125
Wasatch	23,530	549	1,416	644	254	6
Washington	138,115	2,867	8,755	4,248	2,118	33
Wayne	2,778	58	177	88	43	1
Weber	231,236	4,766	14,730	6,698	2,713	56
Vermont	625,741	12,850	55,277	22,073	10,089	412
Addison	36,821	746	3,274	1,297	582	24
Bennington	37,125	756	3,210	1,367	690	24
Caledonia	31,227	675	2,699	1,102	518	21
Chittenden	156,545	3,113	14,364	5,266	2,151	103
Essex	6,306	119	550	241	123	4
Franklin	47,746	1,174	4,030	1,577	691	31
Grand Isle	6,970	141	607	255	118	5
Lamoille	24,475	544	2,132	834	371	16
Orange	28,936	601	2,519	1,039	484	19
Orleans	27,231	576	2,345	982	485	18
Rutland	61,642	1,181	5,467	2,264	1,085	41
Washington	59,534	1,225	5,241	2,110	967	39
Windham	44,513	879	3,905	1,634	781	29
Windsor	56,670	1,118	4,935	2,106	1,043	37
Virginia	8,001,024	152,972	516,049	263,455	112,758	5,509
Accomack	33,164	571	2,225	1,213	616	23
Albemarle	98,970	1,757	6,528	3,373	1,513	68
Alexandria City	139,966	1,978	9,633	4,633	1,696	96
Alleghany	16,250	285	1,088	600	313	11
Amelia	12,690	233	836	448	213	9
Amherst	32,353	573	2,148	1,144	548	22
Appomattox	14,973	274	986	531	262	10
Arlington	207,627	2,692	14,474	6,829	2,397	143
Augusta	73,750	1,300	4,909	2,625	1,251	51
Bath	4,731	66	334	185	98	3
Bedford	68,676	1,263	4,534	2,458	1,192	47
Bedford City	6,222	105	418	227	119	4

Association/State/County	Total Population²	Pediatric Asthma³	Adult Asthma⁴	Chronic Bronchitis⁵	Emphysema⁶	Lung Cancer^{7,8}
Virginia continued						
Bland	6,824	101	473	252	121	5
Botetourt	33,148	613	2,187	1,192	581	23
Bristol City	17,835	306	1,191	635	317	12
Brunswick	17,434	278	1,186	625	295	12
Buchanan	24,098	372	1,657	883	416	17
Buckingham	17,146	272	1,168	610	274	12
Buena Vista City	6,650	118	439	228	106	5
Campbell	54,842	994	3,613	1,912	902	38
Caroline	28,545	565	1,828	950	422	20
Carroll	30,042	513	2,020	1,102	562	21
Charles City	7,256	107	507	276	133	5
Charlotte	12,586	239	822	449	228	9
Charlottesville City	43,475	534	3,046	1,412	489	30
Chesapeake City	222,209	4,747	13,849	7,065	2,934	153
Chesterfield	316,236	6,809	19,668	10,062	4,191	217
Clarke	14,034	266	920	503	246	10
Colonial Heights City	17,411	321	1,142	616	315	12
Covington City	5,961	105	397	214	107	4
Craig	5,190	92	347	188	92	4
Culpeper	46,689	997	2,913	1,505	658	32
Cumberland	10,052	189	656	350	167	7
Danville City	43,055	764	2,857	1,543	779	29
Dickenson	15,903	274	1,065	571	275	11
Dinwiddie	28,001	526	1,825	958	432	19
Emporia City	5,927	126	371	196	96	4
Essex	11,151	202	737	397	195	8
Fairfax	1,081,726	21,675	68,772	34,750	14,023	746
Fairfax City	22,565	379	1,509	775	341	16
Falls Church City	12,332	251	783	403	168	8
Fauquier	65,203	1,357	4,129	2,184	983	45
Floyd	15,279	276	1,011	547	270	11
Fluvanna	25,691	488	1,668	882	416	17
Franklin	56,159	964	3,770	2,037	1,002	39
Franklin City	8,582	169	552	296	145	6
Frederick	78,305	1,624	4,938	2,561	1,132	54
Fredericksburg City	24,286	394	1,613	768	284	16
Galax City	7,042	127	464	251	129	5
Giles	17,286	309	1,146	618	307	12
Gloucester	36,858	672	2,432	1,295	602	25
Goochland	21,717	363	1,473	795	373	15
Grayson	15,533	243	1,069	590	308	11
Greene	18,403	379	1,165	608	270	13
Greensville	12,243	166	860	438	184	9
Halifax	36,241	659	2,398	1,314	675	25
Hampton City	137,436	2,581	8,903	4,528	1,930	94
Hanover	99,863	2,063	6,335	3,348	1,517	69
Harrisonburg City	48,914	606	3,395	1,517	481	33
Henrico	306,935	6,137	19,528	9,996	4,317	209
Henry	54,151	917	3,649	1,990	1,018	37
Highland	2,321	29	169	97	54	2
Hopewell City	22,591	468	1,421	737	340	15
Isle of Wight	35,270	663	2,314	1,245	585	24
James City	67,009	1,187	4,464	2,453	1,285	46
King and Queen	6,945	119	468	254	125	5
King George	23,584	540	1,433	731	303	16
King William	15,935	325	1,012	526	231	11
Lancaster	11,391	151	818	480	291	8
Lee	25,587	427	1,721	906	424	18
Lexington City	7,042	59	521	247	100	5
Loudoun	312,311	7,876	18,105	8,829	3,192	215
Louisa	33,153	606	2,187	1,164	539	23
Lunenburg	12,914	206	882	472	228	9
Lynchburg City	75,568	1,219	5,056	2,508	1,068	52
Madison	13,308	245	878	477	237	9
Manassas City	37,821	887	2,257	1,096	395	26
Manassas Park City	14,273	335	845	395	129	10
Martinsville City	13,821	244	920	499	253	9
Mathews	8,978	135	627	357	202	6

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Virginia continued						
Mecklenburg	32,727	526	2,236	1,227	638	23
Middlesex	10,959	145	786	447	249	8
Montgomery	94,392	1,247	6,538	3,065	1,096	66
Nelson	15,020	239	1,033	573	296	10
New Kent	18,429	338	1,215	641	282	13
Newport News City	180,719	3,624	11,417	5,662	2,278	124
Norfolk City	242,803	4,177	15,926	7,620	2,815	169
Northampton	12,389	201	847	473	255	8
Northumberland	12,330	167	882	515	309	8
Norton City	3,958	71	261	136	62	3
Nottoway	15,853	269	1,061	562	269	11
Orange	33,481	632	2,185	1,179	589	23
Page	24,042	429	1,595	858	422	17
Patrick	18,490	294	1,268	701	370	13
Petersburg City	32,420	553	2,164	1,128	515	22
Pittsylvania	63,506	1,113	4,243	2,295	1,125	44
Poquoson City	12,150	245	780	422	204	8
Portsmouth City	95,535	1,870	6,112	3,128	1,372	65
Powhatan	28,046	535	1,824	955	418	20
Prince Edward	23,368	335	1,607	797	336	16
Prince George	35,725	664	2,322	1,173	476	25
Prince William	402,002	9,587	23,862	11,644	4,221	278
Pulaski	34,872	561	2,377	1,279	628	24
Radford City	16,408	177	1,165	520	165	11
Rappahannock	7,373	121	504	280	143	5
Richmond	9,254	131	646	343	166	7
Richmond City	204,214	3,137	13,821	6,751	2,647	140
Roanoke	92,376	1,660	6,122	3,299	1,616	63
Roanoke City	97,032	1,743	6,379	3,298	1,481	66
Rockbridge	22,307	352	1,533	845	439	15
Rockingham	76,314	1,491	4,916	2,604	1,234	53
Russell	28,897	487	1,946	1,039	496	20
Salem City	24,802	407	1,673	881	420	17
Scott	23,177	369	1,584	860	437	16
Shenandoah	41,993	762	2,773	1,499	752	29
Smyth	32,208	554	2,156	1,159	573	22
Southampton	18,570	323	1,244	670	316	13
Spotsylvania	122,397	2,809	7,423	3,769	1,548	84
Stafford	128,961	3,070	7,691	3,821	1,441	89
Staunton City	23,746	381	1,614	865	436	16
Suffolk City	84,585	1,827	5,254	2,701	1,158	58
Surry	7,058	123	474	257	123	5
Sussex	12,087	167	845	435	192	9
Tazewell	45,078	757	3,038	1,630	791	31
Virginia Beach City	437,994	8,686	27,840	13,938	5,659	301
Warren	37,575	749	2,404	1,252	554	26
Washington	54,876	887	3,734	2,005	981	38
Waynesboro City	21,006	404	1,356	715	345	14
Westmoreland	17,454	288	1,187	656	344	12
Williamsburg City	14,068	116	1,040	487	185	10
Winchester City	26,203	480	1,706	868	383	18
Wise	41,452	710	2,760	1,425	636	29
Wythe	29,235	504	1,956	1,051	517	20
York	65,464	1,426	4,071	2,131	943	45
Washington	6,724,540	95,103	495,257	220,952	95,063	4,191
Adams	18,728	392	1,171	509	212	12
Asotin	21,623	283	1,620	779	397	13
Benton	175,177	2,867	12,290	5,509	2,383	109
Chelan	72,453	1,086	5,227	2,435	1,155	45
Clallam	71,404	781	5,577	2,788	1,532	44
Clark	425,363	6,770	30,165	13,465	5,753	265
Columbia	4,078	49	312	157	86	3
Cowlitz	102,410	1,487	7,471	3,482	1,648	64
Douglas	38,431	630	2,685	1,232	569	24
Ferry	7,551	90	584	285	145	5
Franklin	78,163	1,607	4,942	2,050	749	49
Garfield	2,266	27	174	87	47	1

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Washington continued						
Grant	89,120	1,637	5,937	2,634	1,142	56
Grays Harbor	72,797	946	5,490	2,573	1,230	46
Island	78,506	980	5,968	2,842	1,415	49
Jefferson	29,872	267	2,438	1,257	711	19
King	1,931,249	24,868	146,231	63,698	25,872	1,204
Kitsap	251,133	3,398	18,777	8,544	3,798	157
Kittitas	40,915	450	3,201	1,385	573	26
Klickitat	20,318	270	1,526	738	370	13
Lewis	75,455	1,050	5,565	2,634	1,296	47
Lincoln	10,570	144	786	392	209	7
Mason	60,699	744	4,643	2,220	1,106	38
Okanogan	41,120	581	3,027	1,448	717	26
Pacific	20,920	225	1,642	833	465	13
Pend Oreille	13,001	169	984	487	252	8
Pierce	795,225	11,915	57,550	25,357	10,557	495
San Juan	15,769	150	1,280	650	353	10
Skagit	116,901	1,668	8,561	4,001	1,917	73
Skamania	11,066	148	835	394	184	7
Snohomish	713,335	10,474	52,100	22,927	9,380	445
Spokane	471,221	6,585	34,797	15,597	6,814	293
Stevens	43,531	631	3,189	1,549	777	27
Thurston	252,264	3,495	18,708	8,448	3,718	157
Wahkiakum	3,978	44	311	160	91	2
Walla Walla	58,781	796	4,362	1,974	900	37
Whatcom	201,140	2,538	15,268	6,795	2,945	125
Whitman	44,776	405	3,622	1,443	499	28
Yakima	243,231	4,453	16,242	7,193	3,096	152

West Virginia	1,852,994	25,333	106,280	65,418	30,856	1,670
Barbour	16,589	236	941	583	280	15
Berkeley	104,169	1,714	5,664	3,352	1,422	94
Boone	24,629	368	1,378	846	387	22
Braxton	14,523	197	834	526	258	13
Brooke	24,069	299	1,411	895	449	22
Cabell	96,319	1,236	5,625	3,369	1,553	87
Calhoun	7,627	99	442	282	140	7
Clay	9,386	145	519	323	154	8
Doddridge	8,202	110	473	293	139	8
Fayette	46,039	618	2,650	1,656	800	42
Gilmer	8,693	82	542	310	130	8
Grant	11,937	167	679	431	216	11
Greenbrier	35,480	465	2,053	1,310	664	32
Hampshire	23,964	352	1,345	844	406	22
Hancock	30,676	403	1,774	1,134	571	28
Hardy	14,025	197	798	498	240	13
Harrison	69,099	992	3,908	2,431	1,168	62
Jackson	29,211	431	1,639	1,028	508	26
Jefferson	53,498	831	2,962	1,767	757	48
Kanawha	193,063	2,598	11,111	6,919	3,322	173
Lewis	16,372	222	940	591	292	15
Lincoln	21,720	322	1,217	752	352	20
Logan	36,743	490	2,120	1,312	610	33
Marion	56,418	733	3,281	2,008	955	51
Marshall	33,107	451	1,897	1,203	592	30
Mason	27,324	388	1,550	971	473	25
McDowell	22,113	289	1,282	803	385	20
Mercer	62,264	836	3,585	2,241	1,102	56
Mineral	28,212	384	1,619	1,007	489	25
Mingo	26,839	387	1,517	928	417	24
Monongalia	96,189	997	5,917	3,189	1,177	87
Monroe	13,502	186	772	495	254	12
Morgan	17,541	235	1,009	644	322	16
Nicholas	26,233	363	1,498	942	459	24
Ohio	44,443	554	2,607	1,634	807	40
Pendleton	7,695	96	450	294	156	7
Pleasants	7,605	101	439	272	129	7
Pocahontas	8,719	102	518	334	169	8
Preston	33,520	428	1,956	1,198	557	30

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
West Virginia continued						
Putnam	55,486	858	3,071	1,891	873	50
Raleigh	78,859	1,071	4,531	2,789	1,315	71
Randolph	29,405	373	1,717	1,073	524	27
Ritchie	10,449	144	596	378	185	9
Roane	14,926	212	846	535	262	13
Summers	13,927	165	825	526	264	12
Taylor	16,895	230	970	601	285	15
Tucker	7,141	90	417	270	141	6
Tyler	9,208	126	527	338	170	8
Upshur	24,254	327	1,396	859	409	22
Wayne	42,481	623	2,389	1,480	711	38
Webster	9,154	129	520	330	163	8
Wetzel	16,583	227	949	607	311	15
Wirt	5,717	79	327	207	98	5
Wood	86,956	1,242	4,925	3,072	1,489	78
Wyoming	23,796	334	1,353	844	395	21
Wisconsin	5,686,986	118,982	359,091	189,993	85,205	3,607
Adams	20,875	304	1,417	833	450	13
Ashland	16,157	333	1,020	557	265	10
Barron	45,870	902	2,923	1,638	819	29
Bayfield	15,014	253	983	586	309	10
Brown	248,007	5,491	15,440	7,963	3,378	157
Buffalo	13,587	268	863	488	244	9
Burnett	15,457	274	1,001	598	328	10
Calumet	48,971	1,176	2,950	1,556	673	31
Chippewa	62,415	1,307	3,927	2,116	972	40
Clark	34,690	896	2,022	1,106	537	22
Columbia	56,833	1,178	3,581	1,945	901	36
Crawford	16,644	331	1,053	600	304	11
Dane	488,073	9,423	31,891	15,811	6,254	309
Dodge	88,759	1,739	5,699	3,062	1,413	57
Door	27,785	451	1,838	1,092	588	18
Douglas	44,159	841	2,860	1,529	694	28
Dunn	43,857	805	2,903	1,453	603	28
Eau Claire	98,736	1,854	6,491	3,267	1,376	62
Florence	4,423	69	295	175	92	3
Fond du Lac	101,633	2,047	6,473	3,484	1,614	64
Forest	9,304	181	593	337	175	6
Grant	51,208	967	3,341	1,750	805	33
Green	36,842	795	2,288	1,256	590	23
Green Lake	19,051	390	1,195	684	352	12
Iowa	23,687	523	1,459	800	369	15
Iron	5,916	87	398	242	136	4
Jackson	20,449	411	1,300	710	339	13
Jefferson	83,686	1,764	5,276	2,777	1,230	53
Juneau	26,664	504	1,718	959	472	17
Kenosha	166,426	3,804	10,250	5,280	2,224	106
Kewaunee	20,574	431	1,288	714	347	13
La Crosse	114,638	2,173	7,497	3,834	1,657	73
Lafayette	16,836	386	1,024	565	271	11
Langlade	19,977	374	1,284	738	382	13
Lincoln	28,743	560	1,830	1,041	525	18
Manitowoc	81,442	1,618	5,177	2,882	1,404	52
Marathon	134,063	2,920	8,338	4,474	2,050	85
Marquette	41,749	761	2,705	1,548	797	26
Marquette	15,404	274	1,000	585	309	10
Menominee	4,232	122	236	123	54	3
Milwaukee	947,735	20,996	59,283	29,830	12,425	598
Monroe	44,673	1,037	2,714	1,471	679	28
Oconto	37,660	749	2,389	1,336	642	24
Oneida	35,998	590	2,383	1,395	739	23
Outagamie	176,695	3,946	10,953	5,694	2,440	112
Ozaukee	86,395	1,810	5,399	3,009	1,432	55
Pepin	7,469	151	471	267	134	5
Pierce	41,019	814	2,653	1,334	537	26
Polk	44,205	933	2,758	1,536	741	28
Portage	70,019	1,292	4,609	2,359	1,008	44

Association/State/County	Total Population ²	Pediatric Asthma ³	Adult Asthma ⁴	Chronic Bronchitis ⁵	Emphysema ⁶	Lung Cancer ^{7,8}
Wisconsin continued						
Price	14,159	240	928	549	289	9
Racine	195,408	4,309	12,109	6,463	2,897	124
Richland	18,021	373	1,130	636	319	11
Rock	160,331	3,569	9,926	5,249	2,362	102
Rusk	14,755	294	930	540	283	9
Sauk	61,976	1,312	3,886	2,099	979	39
Sawyer	16,557	307	1,064	622	328	11
Shawano	41,949	849	2,652	1,483	744	27
Sheboygan	115,507	2,450	7,234	3,912	1,810	73
St. Croix	84,345	2,033	5,092	2,627	1,082	54
Taylor	20,689	452	1,278	709	343	13
Trempealeau	28,816	620	1,793	981	469	18
Vernon	29,773	700	1,789	1,008	500	19
Vilas	21,430	338	1,423	863	490	14
Walworth	102,228	2,132	6,464	3,410	1,519	65
Washburn	15,911	287	1,028	604	321	10
Washington	131,887	2,876	8,176	4,435	2,017	84
Waukesha	389,891	8,333	24,258	13,364	6,213	247
Waupaca	52,410	1,054	3,315	1,864	933	33
Waushara	24,496	429	1,601	920	474	16
Winnebago	166,994	3,209	10,844	5,637	2,469	106
Wood	74,749	1,510	4,730	2,630	1,288	47
Wyoming	563,626	8,918	41,938	18,558	8,075	306
Albany	36,299	398	3,020	1,166	404	20
Big Horn	11,668	198	835	400	204	6
Campbell	46,133	855	3,293	1,352	475	25
Carbon	15,885	247	1,186	534	237	9
Converse	13,833	231	1,007	457	205	8
Crook	7,083	111	522	249	121	4
Fremont	40,123	673	2,912	1,332	619	22
Goshen	13,249	178	1,020	482	242	7
Hot Springs	4,812	63	368	185	100	3
Johnson	8,569	125	644	310	157	5
Laramie	91,738	1,475	6,790	3,004	1,311	50
Lincoln	18,106	336	1,269	575	258	10
Natrona	75,450	1,187	5,626	2,485	1,079	41
Niobrara	2,484	31	194	94	49	1
Park	28,205	389	2,158	1,020	502	15
Platte	8,667	116	663	328	172	5
Sheridan	29,116	427	2,197	1,025	486	16
Sublette	10,247	160	768	338	139	6
Sweetwater	43,806	782	3,155	1,332	514	24
Teton	21,294	268	1,701	713	278	12
Uinta	21,118	420	1,451	630	255	11
Washakie	8,533	143	614	293	148	5
Weston	7,208	104	547	255	122	4