

"The Most Challenging Places to Live with Spring Allergies"

(columns/factors are not weighted equally)

2007 Spring Rank	Overall	Metropolitan Area	Total Score (Avg. 65.27)	Subtotal: Pollen Score (Avg. 150 grains/cubic inch air daily)	Subtotal: Medicine Utilization per Patient (Avg. 2.3 Medications Per Patient)	Subtotal: Board Certified Allergists per Patient (Avg. 4.2 Board Certified Allergists Per 10,000 Patients)
1	●	Tulsa,OK	100	●	●	◐
2	●	Dallas-FortWorth,TX	95.52	●	◐	●
3	●	Fort Myers,FL	91.57	●	●	◐
4	●	San Antonio,TX	91.37	●	●	◐
5	●	Tuscon,AZ	91.13	●	◐	●
6	●	Saint Louis,MO	91.07	◐	●	◐
7	●	Wichita,KS	89.86	◐	◐	●
8	●	Little Rock,AR	88.02	●	◐	◐
9	●	Charlotte,NC	86.32	◐	●	●
10	●	Atlanta,GA	86.23	●	◐	◐
11	●	Augusta,GA	85.42	◐	●	◐
12	●	Jacksonville,FL	85.06	●	●	●
13	●	El Paso,TX	84.88	◐	●	◐
14	●	Columbia,SC	83.71	◐	●	◐
15	●	Oklahoma City,OK	83.51	◐	◐	●
16	●	Bakersfield,CA	83.15	◐	●	◐
17	●	Tampa,FL	83.03	◐	●	◐
18	●	Sarasota,FL	83	●	◐	◐
19	●	Las Vegas,NV	81.13	●	●	◐
20	●	Los Angeles,CA	81.09	◐	◐	●
21	●	Phoenix-Mesa,AZ	79.17	◐	●	○
22	●	Richmond,VA	78.76	◐	●	○
23	●	Birmingham,AL	78.63	◐	◐	●
24	●	Austin,TX	77.89	◐	●	◐
25	●	Mcallen,TX	76.41	◐	●	◐
26	●	Memphis,TN	75.95	●	●	◐
27	●	San Francisco,CA	75.66	◐	◐	◐
28	●	Houston,TX	74.79	●	◐	◐
29	◐	Greensboro,NC	74.09	●	◐	○
30	◐	Jackson,MS	73.51	●	○	◐

KEY TO ICONS

- Worse than Average
- ◐ Average
- Better than Average

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31	☐	Charleston, SC	72.41	☐	○	☐
32	☐	Allentown, PA	70.36	☐	●	○
33	☐	Philadelphia, PA	70.34	●	☐	○
34	☐	Melbourne, FL	70.32	○	☐	☐
35	☐	Orlando, FL	70.29	●	☐	○
36	☐	Daytona Beach, FL	70.25	●	☐	○
37	☐	West Palm Beach, FL	70.23	☐	●	☐
38	☐	Albuquerque, NM	70	●	☐	☐
39	☐	Madison, WI	69.47	●	○	●
40	☐	Norfolk, VA	67.9	☐	☐	○
41	☐	Pittsburgh, PA	67.87	☐	☐	☐
42	☐	Milwaukee, WI	66.55	●	●	○
43	☐	Indianapolis, IN	66.38	☐	☐	☐
44	☐	Mobile, AL	66.33	☐	☐	☐
45	☐	Pensacola, FL	66.28	●	○	☐
46	☐	Springfield, MO	65.78	○	●	○
47	☐	Louisville, KY	65.75	☐	●	○
48	☐	Raleigh-Durham-Chapel Hill, NC	64.52	●	○	●
49	☐	Modesto, CA	64.06	●	○	☐
50	☐	Sacramento, CA	64	☐	☐	○
51	☐	Stockton, CA	63.96	☐	☐	●
52	☐	Lexington, KY	63.93	☐	○	☐
53	☐	Greenville, SC	63.32	●	☐	○
54	☐	San Diego, CA	63.28	☐	●	○
55	☐	Denver, CO	62.86	●	☐	☐
56	☐	Chattanooga, TN	61.73	○	●	○
57	☐	Dayton, OH	61.35	●	☐	○
58	☐	New Orleans, LA	60.87	☐	○	☐
59	☐	Rochester, NY	60.07	☐	●	○
60	☐	Salt Lake City, UT	59.88	☐	☐	☐
61	☐	Johnson City, TN	59.05	●	☐	☐
62	☐	Cincinnati, OH	58.36	☐	○	○
63	☐	Knoxville, TN	58.16	○	●	○
64	☐	Omaha, NE	57.42	●	☐	○
65	☐	Nashville, TN	56.84	●	○	☐
66	☐	Baltimore, MD	56.24	☐	☐	○
67	☐	Baton Rouge, LA	56.15	☐	☐	○

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68	●	Columbus,OH	55.56	●	●	●
69	●	South Bend,IN	55.37	●	●	○
70	○	Kansas City,MO	55.25	●	●	○
71	○	Washington, DC	55.01	●	●	○
72	○	Canton,OH	54.99	●	●	○
73	○	Cleveland,OH	54.95	●	○	●
74	○	Hartford,CT	54.92	●	○	●
75	○	Lancaster,PA	54.7	●	●	●
76	○	Harrisburg,PA	54.59	●	●	●
77	○	Buffalo,NY	53.32	●	●	○
78	○	Youngstown,OH	53.16	○	●	○
79	○	New York,NY	52.78	●	○	○
80	○	Spokane,WA	52.49	●	○	●
81	○	Colorado Springs,CO	51.88	○	●	●
82	○	Providence,RI	51.81	●	●	○
83	○	Fresno,CA	51.57	●	●	○
84	○	Portland,OR	51.26	●	●	●
85	○	Chicago,IL	50.42	○	●	○
86	○	Boise City,ID	48.5	●	○	●
87	○	Des Moines,IA	48.5	○	●	○
88	○	Albany,NY	48.39	●	●	●
89	○	Miami,FL	48.34	●	○	●
90	○	Grand Rapids,MI	47.28	○	●	○
91	○	Kalamazoo,MI	47.18	●	○	○
92	○	Minneapolis-St. Paul,MN	47.02	●	●	○
93	○	Toledo,OH	46.79	○	●	○
94	○	Scranton,PA	45.73	●	○	●
95	○	Syracuse,NY	43.29	●	●	○
96	○	Seattle,WA	43.19	●	○	●
97	○	Lansing,MI	41.42	●	○	○
98	○	Detroit,MI	39.96	○	○	○
99	○	Boston,MA	39.6	○	○	○
100	○	Fort Wayne,IN	35.27	○	○	○

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2007 Rank - Rankings for the Allergy Capitals™ are based on analysis of data from 4 factors: Prevalence Data, Seasonal Pollen, Allergy Medicine Utilization per Patient and the number of Board Certified Allergists per patient. Weights were applied to each factor, and a composite final score was calculated for each Metropolitan Statistical Area (MSA).

Total Score - Final total scores and subtotals were rescaled assigning 100 points to the largest score and presenting all other scores as a percentage of the largest. The metro area with a total score of 100 points did not necessarily have the "most severe" score for all factors, but rather the highest total weighted final score overall.

Pollen Score - Quantitative data analysis of average recorded pollen/mold spore levels and predicted prevalence for certain types of pollens/molds over the most recent spring season and the duration of the peak season for the most allergenic pollen types; this score also takes into consideration local prevalence statistics for people affected by allergies to pollen.

Medicine Utilization per Patient Score - Quantitative data analysis of recorded per capita utilization of recorded pharmacy data for prescription (RX) and over-the-counter (OTC) medicines in each metro area during the most recent spring season, including oral, nasal and ocular antihistamines, and corticosteroids and non-steroidal medications.

Board Certified Allergists per Patient Score - Quantitative data analysis for the most recent spring season of the number of Board Certified allergy, immunology, pulmonology specialists per 10,000 patients.

GOVERNMENTAL SOURCES:

National Institute of Allergy and Infectious Diseases, National Institutes of Health, Allergic Rhinitis Information (2007)

U.S. Department of Commerce, Bureau of the Census, U.S. Census 2000

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, Air Resources Laboratory (ARL), Air Stagnation Climatology for the U.S. (2006)

U.S. Environmental Protection Agency, Status and Trends, Latest Findings on National Air Quality (2006)

NON-GOVERNMENTAL SOURCES:

Asthma and Allergy Foundation of America, "Asthma and Allergy Answers" (2007)

American Board of Medical Specialties, Specialist Database (2007)

INDUSTRY-SOURCES:

Surveillance Data Inc./Pollen.com (2006)

IMS Health (2006)