

**Annual average ambient concentrations of PM 2.5 in micrograms  
per cubic meter, based on seasonal averages and daily  
measurement  
(monitor and modeled data)**

*Counties for which measures are created using modeled data exclusively are identified using italic text with a shaded background.*

<b>County</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
ADAIR COUNTY, MO	9.5	10.2	9.3	8.3	9.6	8.5
ANDREW COUNTY, MO	12.2	12.2	11.0	10.7	12.6	10.6
ATCHISON COUNTY, MO	10.3	10.6	9.8	9.0	10.4	9.1
AUDRAIN COUNTY, MO	10.9	11.3	10.3	8.8	10.7	9.4
BARRY COUNTY, MO	10.8	11.0	9.4	8.7	10.1	9.2
BARTON COUNTY, MO	11.3	11.4	10.3	9.3	10.6	9.5
BATES COUNTY, MO	10.7	10.8	10.0	9.0	10.5	9.5
BENTON COUNTY, MO	9.7	10.1	8.9	8.1	9.7	8.6
BOLLINGER COUNTY, MO	12.4	12.8	12.9	11.6	13.2	12.4
BOONE COUNTY, MO	11.0	11.7	11.3	9.6	11.7	9.7
BUCHANAN COUNTY, MO	12.3	12.3	11.2	10.9	12.9	10.8
BUTLER COUNTY, MO	12.6	12.8	12.9	11.8	13.6	12.4
CALDWELL COUNTY, MO	10.5	10.5	9.4	8.6	10.1	8.6
CALLAWAY COUNTY, MO	10.9	11.5	9.9	8.6	10.8	9.1
CAMDEN COUNTY, MO	9.8	10.6	8.7	7.9	10.1	8.5
CAPE GIRARDEAU COUNTY, MO	13.2	13.1	13.7	12.4	13.8	13.2
CARROLL COUNTY, MO	10.4	10.4	9.5	8.5	10.0	8.7
CARTER COUNTY, MO	9.0	9.9	9.3	8.3	10.0	9.3
CASS COUNTY, MO	11.9	11.7	10.9	9.8	11.5	10.0
CEDAR COUNTY, MO	10.9	11.1	10.2	9.3	11.0	9.6
CHARITON COUNTY, MO	10.3	10.5	9.6	8.5	9.9	8.7
CHRISTIAN COUNTY, MO	11.3	11.9	10.4	9.7	11.6	10.1
CLARK COUNTY, MO	10.3	11.2	10.3	9.3	10.7	9.3
CLAY COUNTY, MO	13.1	12.8	12.8	11.2	13.0	10.9
CLINTON COUNTY, MO	11.7	11.5	10.4	9.5	11.2	9.4
COLE COUNTY, MO	11.0	11.3	9.5	8.4	10.7	8.9
COOPER COUNTY, MO	10.5	11.0	9.7	8.5	10.4	8.9
CRAWFORD COUNTY, MO	9.4	10.6	9.1	8.0	10.3	8.7
DADE COUNTY, MO	10.5	10.7	9.6	8.7	10.1	9.2
DALLAS COUNTY, MO	10.0	10.7	9.2	8.3	10.1	9.0
DAVIESS COUNTY, MO	10.5	10.5	9.4	8.6	10.1	8.6
DEKALB COUNTY, MO	11.0	11.1	9.8	9.1	10.8	9.1
DENT COUNTY, MO	8.7	9.9	8.7	7.7	9.7	8.5
DOUGLAS COUNTY, MO	9.0	9.8	8.4	7.7	9.4	8.8
DUNKLIN COUNTY, MO	13.8	13.2	13.9	13.0	14.7	13.5
FRANKLIN COUNTY, MO	11.5	12.7	10.9	9.6	12.3	10.1
GASCONADE COUNTY, MO	10.5	11.4	9.8	8.5	10.8	9.1
GENTRY COUNTY, MO	10.2	10.5	9.4	8.6	10.1	8.6
GREENE COUNTY, MO	11.5	12.0	10.6	9.9	11.8	10.3
GRUNDY COUNTY, MO	9.6	10.0	9.0	8.2	9.5	8.3
HARRISON COUNTY, MO	9.5	9.9	9.0	8.2	9.5	8.2
HENRY COUNTY, MO	10.6	10.6	9.6	8.7	10.2	9.1
HICKORY COUNTY, MO	9.8	10.3	9.1	8.2	9.8	8.9
HOLT COUNTY, MO	10.5	10.8	9.8	9.2	10.7	9.1
HOWARD COUNTY, MO	10.5	10.9	9.9	8.6	10.3	8.9

County	2001	2002	2003	2004	2005	2006
HOWELL COUNTY, MO	9.1	9.9	8.9	8.1	9.8	9.0
IRON COUNTY, MO	10.2	11.6	10.4	9.2	11.5	9.9
JACKSON COUNTY, MO	13.1	12.8	13.0	11.9	13.8	11.5
JASPER COUNTY, MO	13.4	12.9	12.0	9.8	10.9	9.7
JEFFERSON COUNTY, MO	13.9	14.8	14.0	12.5	15.4	12.7
JOHNSON COUNTY, MO	11.2	11.0	10.1	9.1	10.6	9.3
KNOX COUNTY, MO	9.8	10.5	9.7	8.6	9.9	8.8
LACLEDE COUNTY, MO	9.3	10.2	8.5	7.7	9.6	8.4
LAFAYETTE COUNTY, MO	11.4	11.1	10.2	9.2	10.8	9.4
LAWRENCE COUNTY, MO	11.0	11.1	9.8	8.8	10.2	9.3
LEWIS COUNTY, MO	10.4	11.2	10.3	9.1	10.6	9.3
LINCOLN COUNTY, MO	12.3	13.2	11.7	10.2	12.3	10.7
LINN COUNTY, MO	9.8	10.2	9.3	8.3	9.7	8.5
LIVINGSTON COUNTY, MO	10.0	10.2	9.2	8.3	9.8	8.5
MACON COUNTY, MO	9.8	10.4	9.5	8.4	9.8	8.7
MADISON COUNTY, MO	11.3	12.0	11.3	10.0	12.1	10.8
MARIES COUNTY, MO	13.8	10.7	9.5	7.9	10.1	8.6
MARION COUNTY, MO	11.5	12.2	11.2	9.8	11.3	10.2
MCDONALD COUNTY, MO	11.2	11.4	9.7	9.0	10.5	9.5
MERCER COUNTY, MO	9.3	10.6	9.6	8.3	9.3	8.2
MILLER COUNTY, MO	9.8	10.6	8.7	7.9	10.1	8.5
MISSISSIPPI COUNTY, MO	13.9	13.7	14.7	13.4	14.7	13.9
MONITEAU COUNTY, MO	10.5	11.0	9.7	8.5	10.4	8.9
MONROE COUNTY, MO	10.6	11.0	10.3	8.8	10.8	9.3
MONTGOMERY COUNTY, MO	11.1	11.9	10.6	9.1	11.1	9.8
MORGAN COUNTY, MO	9.9	10.4	9.0	8.1	9.8	8.5
NEW MADRID COUNTY, MO	14.0	13.7	15.0	13.9	14.8	14.1
NEWTON COUNTY, MO	11.6	11.6	10.2	9.3	10.7	9.5
NODAWAY COUNTY, MO	10.1	10.5	9.6	8.9	10.2	8.9
OREGON COUNTY, MO	9.0	9.9	9.0	8.2	9.9	9.2
OSAGE COUNTY, MO	13.7	11.1	10.0	8.3	10.5	8.9
OZARK COUNTY, MO	9.0	9.5	8.5	7.9	9.4	9.0
PEMISCOT COUNTY, MO	13.2	12.5	12.2	12.0	14.7	13.1
PERRY COUNTY, MO	12.3	12.7	12.6	11.2	12.9	12.1
PETTIS COUNTY, MO	10.7	10.7	9.7	8.6	10.2	8.9
PHELPS COUNTY, MO	9.7	10.5	9.0	7.9	10.1	8.6
PIKE COUNTY, MO	10.9	11.7	10.7	9.2	11.0	9.9
PLATTE COUNTY, MO	13.0	12.8	12.8	11.5	13.4	11.1
POLK COUNTY, MO	10.3	10.7	9.4	8.5	10.1	9.1
PULASKI COUNTY, MO	9.0	10.1	8.4	7.6	9.7	8.3
PUTNAM COUNTY, MO	9.2	9.8	9.0	8.1	9.4	8.2
RALLS COUNTY, MO	11.5	12.2	11.2	9.8	11.3	10.2
RANDOLPH COUNTY, MO	10.4	10.7	9.8	8.6	10.1	8.9
RAY COUNTY, MO	11.7	11.5	10.4	9.5	11.2	9.4
REYNOLDS COUNTY, MO	8.8	9.8	9.0	8.0	9.8	8.9
RIPLEY COUNTY, MO	10.8	11.5	11.0	10.0	12.0	10.8
SALINE COUNTY, MO	10.7	10.7	9.8	8.6	10.1	8.9
SCHUYLER COUNTY, MO	9.4	10.1	9.3	8.4	9.7	8.5
SCOTLAND COUNTY, MO	9.7	10.5	9.7	8.7	10.1	8.8
SCOTT COUNTY, MO	13.9	13.7	14.7	13.4	14.7	13.9
SHANNON COUNTY, MO	9.2	10.0	9.0	8.2	9.9	9.1
SHELBY COUNTY, MO	10.1	10.7	9.8	8.6	10.1	9.0
ST. CHARLES COUNTY, MO	13.9	14.2	13.4	12.0	14.7	12.1

<b>County</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
ST. CLAIR COUNTY, MO	10.2	10.4	9.5	8.6	10.1	9.1
STE. GENEVIEVE COUNTY, MO	13.3	13.4	12.7	11.5	14.1	11.7
ST. FRANCOIS COUNTY, MO	10.2	11.6	10.4	9.2	11.5	9.9
ST. LOUIS CITY, MO	16.1	16.2	15.2	14.1	16.7	14.3
ST. LOUIS COUNTY, MO	13.8	14.5	13.5	12.3	15.1	12.1
STODDARD COUNTY, MO	13.9	13.7	14.4	13.3	14.7	13.6
STONE COUNTY, MO	10.4	10.8	9.1	8.4	10.0	9.1
SULLIVAN COUNTY, MO	9.4	10.0	9.0	8.1	9.5	8.3
TANEY COUNTY, MO	9.7	10.3	8.7	8.0	9.6	9.0
TEXAS COUNTY, MO	8.9	9.9	8.5	7.6	9.6	8.5
VERNON COUNTY, MO	10.9	11.1	10.1	9.2	10.6	9.6
WARREN COUNTY, MO	12.6	13.5	11.8	10.3	13.0	10.8
WASHINGTON COUNTY, MO	11.5	12.6	11.2	9.8	12.6	10.3
WAYNE COUNTY, MO	10.3	11.1	10.6	9.5	11.4	10.4
WEBSTER COUNTY, MO	9.4	10.2	8.7	7.9	9.7	8.8
WORTH COUNTY, MO	10.0	10.3	9.3	8.7	10.0	8.7
WRIGHT COUNTY, MO	8.8	9.8	8.4	7.6	9.4	8.6

Data Notes:

- This dataset was obtained from the National Environmental Public Health Tracking (EPHT) Portal at <http://ephtracking.cdc.gov/showHome.action>
- Data provided by US Environmental Protection Agency (EPA) to the Centers for Disease Control (CDC).
- This measure was created using the Hierarchical Bayesian (HB) modeled predictions for counties and days without monitoring data and using Air Quality System (AQS) data for counties and days with monitoring data.
- HB modeled data are generated through statistical fusion of AQS monitor and Community Multiscale Air Quality (CMAQ) model-predicted concentration values.
- The Annual PM2.5 National Ambient Air Quality Standard (NAAQS) is 15.0 micrograms per cubic meter.
- Counties for which measures are created using modeled data exclusively are identified by using italic text with a shaded background.