

Number of person-days with PM2.5 over the National Ambient Air Quality Standard (monitor and modeled data)

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

County	2001	2002	2003	2004	2005	2006
ADAIR COUNTY, MO	0	0	0	0	0	0
ANDREW COUNTY, MO	0	33,026	33,224	0	16,505	0
ATCHISON COUNTY, MO	0	0	12,556	0	0	0
AUDRAIN COUNTY, MO	0	0	0	0	0	0
BARRY COUNTY, MO	0	0	0	0	70,698	0
BARTON COUNTY, MO	0	12,774	0	0	0	0
BATES COUNTY, MO	0	0	0	0	0	0
BENTON COUNTY, MO	0	0	0	0	0	0
BOLLINGER COUNTY, MO	0	24,498	36,639	12,178	72,906	12,112
BOONE COUNTY, MO	0	0	141,466	0	584,692	0
BUCHANAN COUNTY, MO	0	258,972	172,608	0	261,291	0
BUTLER COUNTY, MO	0	81,556	162,716	0	206,275	124,179
CALDWELL COUNTY, MO	0	0	0	0	0	0
CALLAWAY COUNTY, MO	0	41,969	0	0	0	0
CAMDEN COUNTY, MO	0	37,803	0	0	0	0
CAPE GIRARDEAU COUNTY, MO	0	138,990	348,940	141,200	426,744	72,112
CARROLL COUNTY, MO	0	0	0	0	0	0
CARTER COUNTY, MO	0	5,880	5,910	0	0	0
CASS COUNTY, MO	0	86,767	176,388	0	0	0
CEDAR COUNTY, MO	0	13,814	13,818	0	14,019	0
CHARITON COUNTY, MO	0	0	0	0	0	0
CHRISTIAN COUNTY, MO	0	58,863	0	0	132,818	0
CLARK COUNTY, MO	0	7,367	0	0	0	0
CLAY COUNTY, MO	376,410	573,570	387,250	196,995	0	0
CLINTON COUNTY, MO	0	19,584	20,118	0	0	0
COLE COUNTY, MO	0	72,022	0	0	0	0
COOPER COUNTY, MO	0	16,948	0	0	17,283	0
CRAWFORD COUNTY, MO	0	0	0	0	0	0
DADE COUNTY, MO	0	7,774	0	0	0	0
DALLAS COUNTY, MO	0	15,832	0	0	32,408	0
DAVISS COUNTY, MO	0	0	0	0	0	0
DEKALB COUNTY, MO	0	0	0	0	0	0
DENT COUNTY, MO	0	0	0	0	0	0
DOUGLAS COUNTY, MO	0	0	0	0	13,338	0
DUNKLIN COUNTY, MO	0	65,294	194,310	31,989	256,304	95,358
FRANKLIN COUNTY, MO	0	382,840	192,648	0	98,159	0
GASCONADE COUNTY, MO	0	30,790	0	0	0	0
GENTRY COUNTY, MO	0	0	0	0	0	0
GREENE COUNTY, MO	0	244,708	0	0	763,428	0
GRUNDY COUNTY, MO	0	0	0	0	0	0
HARRISON COUNTY, MO	0	0	0	0	0	0
HENRY COUNTY, MO	0	22,152	0	0	0	0
HICKORY COUNTY, MO	0	8,793	0	0	0	0
HOLT COUNTY, MO	0	0	5,138	0	0	0

County	2001	2002	2003	2004	2005	2006
HOWARD COUNTY, MO	0	10,003	0	0	0	0
HOWELL COUNTY, MO	0	0	0	0	38,075	0
IRON COUNTY, MO	0	10,444	10,256	0	0	0
JACKSON COUNTY, MO	1,974,312	1,321,160	2,644,624	661,507	2,647,428	0
JASPER COUNTY, MO	0	214,046	108,121	0	221,872	0
JEFFERSON COUNTY, MO	200,655	1,418,200	1,025,405	416,376	3,370,128	213,659
JOHNSON COUNTY, MO	0	49,858	0	0	0	0
KNOX COUNTY, MO	0	0	0	0	0	0
LACLEDE COUNTY, MO	0	0	0	0	0	0
LAFAYETTE COUNTY, MO	0	32,865	0	0	0	0
LAWRENCE COUNTY, MO	0	36,006	0	0	73,626	0
LEWIS COUNTY, MO	0	0	0	0	0	0
LINCOLN COUNTY, MO	0	168,752	87,726	45,374	47,418	0
LINN COUNTY, MO	0	0	0	0	0	0
LIVINGSTON COUNTY, MO	0	0	0	0	0	0
MACON COUNTY, MO	0	0	0	0	0	0
MADISON COUNTY, MO	0	11,839	35,391	0	11,982	0
MARIES COUNTY, MO	122,864	0	0	0	0	0
MARION COUNTY, MO	0	56,046	28,182	0	0	28,217
MCDONALD COUNTY, MO	0	0	0	0	22,554	0
MERCER COUNTY, MO	0	0	0	0	0	0
MILLER COUNTY, MO	0	24,097	0	0	0	0
MISSISSIPPI COUNTY, MO	0	39,516	108,072	27,212	122,877	41,187
MONITEAU COUNTY, MO	0	14,909	0	0	15,058	0
MONROE COUNTY, MO	0	0	9,265	0	9,192	0
MONTGOMERY COUNTY, MO	0	23,956	23,862	0	0	0
MORGAN COUNTY, MO	0	19,690	0	0	0	0
NEW MADRID COUNTY, MO	0	57,255	151,184	18,570	144,808	35,732
NEWTON COUNTY, MO	0	0	0	0	54,939	0
NODAWAY COUNTY, MO	0	0	21,924	0	0	0
OREGON COUNTY, MO	0	10,240	0	0	10,276	0
OSAGE COUNTY, MO	91,399	0	0	0	0	0
OZARK COUNTY, MO	0	0	0	0	9,349	0
PEMISCOT COUNTY, MO	0	19,754	0	0	171,513	18,855
PERRY COUNTY, MO	0	18,256	54,642	18,323	55,305	0
PETTIS COUNTY, MO	0	39,378	0	0	40,009	0
PHELPS COUNTY, MO	0	0	0	0	0	0
PIKE COUNTY, MO	0	36,598	18,383	0	0	0
PLATTE COUNTY, MO	152,032	155,578	158,556	0	0	0
POLK COUNTY, MO	0	27,782	0	0	58,084	0
PULASKI COUNTY, MO	0	0	0	0	0	0
PUTNAM COUNTY, MO	0	0	0	0	0	0
RALLS COUNTY, MO	0	19,264	9,572	0	0	9,788
RANDOLPH COUNTY, MO	0	24,706	0	0	0	0
RAY COUNTY, MO	0	23,481	23,613	0	0	0
REYNOLDS COUNTY, MO	0	0	0	0	0	0
RIPLEY COUNTY, MO	0	26,952	40,614	0	27,106	0
SALINE COUNTY, MO	0	22,957	0	0	0	0
SCHUYLER COUNTY, MO	0	0	4,155	0	0	0
SCOTLAND COUNTY, MO	0	0	0	0	0	0
SCOTT COUNTY, MO	0	120,831	323,232	80,886	365,697	121,815
SHANNON COUNTY, MO	0	8,258	0	0	0	0

County	2001	2002	2003	2004	2005	2006
SHELBY COUNTY, MO	0	0	0	0	0	0
ST. CHARLES COUNTY, MO	883,959	1,210,916	1,241,928	318,557	3,273,750	0
ST. CLAIR COUNTY, MO	0	0	0	0	0	0
STE. GENEVIEVE COUNTY, MO	0	35,738	53,778	0	107,322	0
ST. FRANCOIS COUNTY, MO	0	56,544	57,686	0	0	0
ST. LOUIS CITY, MO	2,799,640	2,803,768	1,044,117	1,402,820	6,346,296	353,837
ST. LOUIS COUNTY, MO	1,015,690	6,078,018	2,018,090	1,004,466	12,997,621	0
STODDARD COUNTY, MO	0	119,100	207,242	89,061	208,383	119,052
STONE COUNTY, MO	0	0	0	0	60,948	0
SULLIVAN COUNTY, MO	0	0	0	0	0	0
TANEY COUNTY, MO	0	0	0	0	43,072	0
TEXAS COUNTY, MO	0	0	0	0	0	0
VERNON COUNTY, MO	0	0	0	0	0	0
WARREN COUNTY, MO	0	104,304	53,738	27,578	28,585	0
WASHINGTON COUNTY, MO	0	70,998	23,721	0	23,818	0
WAYNE COUNTY, MO	0	26,160	26,130	0	12,905	0
WEBSTER COUNTY, MO	0	0	0	0	34,279	0
WORTH COUNTY, MO	0	0	0	0	0	0
WRIGHT COUNTY, MO	0	0	0	0	18,073	0

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 daily PM2.5 National Ambient Air Quality Standard (NAAQS) is 35.0 micrograms per cubic meter.
- Counties for which measures are created using modeled data exclusively are identified by using italic text with a shaded background.