

**Number of person-days with maximum 8-hour average ozone concentration 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	0	33,224	0	0	16,790
ATCHISON COUNTY, MO	0	0	0	0	0	0
AUDRAIN COUNTY, MO	0	0	0	0	0	0
BARRY COUNTY, MO	0	0	34,651	0	0	0
BARTON COUNTY, MO	0	0	12,904	0	0	0
BATES COUNTY, MO	0	0	17,006	0	0	34,016
BENTON COUNTY, MO	0	0	17,822	0	0	0
BOLLINGER COUNTY, MO	0	12,249	0	0	0	0
BOONE COUNTY, MO	0	0	0	0	0	0
BUCHANAN COUNTY, MO	0	0	172,608	0	0	87,472
BUTLER COUNTY, MO	0	0	0	0	0	0
CALDWELL COUNTY, MO	0	0	0	0	0	0
CALLAWAY COUNTY, MO	0	0	0	0	0	0
CAMDEN COUNTY, MO	0	0	0	0	0	0
CAPE GIRARDEAU COUNTY, MO	0	208,485	0	0	0	0
CARROLL COUNTY, MO	0	0	0	0	0	0
CARTER COUNTY, MO	0	0	0	0	0	0
CASS COUNTY, MO	84,568	867,670	881,940	90,966	649,292	472,650
CEDAR COUNTY, MO	13,861	96,698	69,090	41,577	84,114	0
CHARITON COUNTY, MO	0	0	0	0	0	0
CHRISTIAN COUNTY, MO	0	58,863	121,842	0	0	139,376
CLARK COUNTY, MO	0	0	0	0	0	0
CLAY COUNTY, MO	1,693,845	4,588,560	3,678,875	0	4,421,098	4,751,616
CLINTON COUNTY, MO	0	176,256	201,180	41,058	410,800	327,760
COLE COUNTY, MO	0	0	0	0	0	0
COOPER COUNTY, MO	0	0	0	0	0	0
CRAWFORD COUNTY, MO	0	23,228	0	0	0	0
DADE COUNTY, MO	0	0	7,707	0	0	0
DALLAS COUNTY, MO	0	0	15,938	0	0	0
DAVISS COUNTY, MO	0	0	0	0	0	0
DEKALB COUNTY, MO	0	0	26,004	0	0	12,282
DENT COUNTY, MO	0	0	0	0	0	0
DOUGLAS COUNTY, MO	0	0	13,164	0	0	0
DUNKLIN COUNTY, MO	0	0	0	0	0	0
FRANKLIN COUNTY, MO	0	765,680	96,324	0	0	0
GASCONADE COUNTY, MO	0	15,395	0	0	0	0
GENTRY COUNTY, MO	0	0	0	0	0	0
GREENE COUNTY, MO	727,995	978,832	990,272	250,907	1,781,332	518,726
GRUNDY COUNTY, MO	0	0	0	0	0	0
HARRISON COUNTY, MO	0	0	0	0	0	0
HENRY COUNTY, MO	0	0	22,370	0	0	44,768
HICKORY COUNTY, MO	0	0	8,955	0	0	0

County	2001	2002	2003	2004	2005	2006
HOLT COUNTY, MO	0	0	0	0	0	0
HOWARD COUNTY, MO	0	0	0	0	0	0
HOWELL COUNTY, MO	0	0	0	0	0	0
IRON COUNTY, MO	0	20,888	0	0	0	0
JACKSON COUNTY, MO	658,104	10,569,280	9,256,184	0	9,265,998	9,954,045
JASPER COUNTY, MO	0	0	108,121	0	0	0
JEFFERSON COUNTY, MO	1,605,240	4,254,600	1,435,567	0	1,895,697	427,318
JOHNSON COUNTY, MO	0	0	50,500	0	0	103,198
KNOX COUNTY, MO	0	0	0	0	0	0
LACLEDE COUNTY, MO	0	0	0	0	0	0
LAFAYETTE COUNTY, MO	0	0	65,768	0	0	65,514
LAWRENCE COUNTY, MO	0	0	36,086	0	0	0
LEWIS COUNTY, MO	0	0	0	0	0	0
LINCOLN COUNTY, MO	0	295,316	87,726	0	806,106	644,722
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	23,678	0	0	0	0
MARIES COUNTY, MO	0	0	0	0	0	0
MARION COUNTY, MO	0	84,069	0	0	0	0
MCDONALD COUNTY, MO	0	0	22,014	0	0	22,798
MERCER COUNTY, MO	0	0	0	0	0	0
MILLER COUNTY, MO	0	0	0	0	0	0
MISSISSIPPI COUNTY, MO	0	39,516	0	0	0	0
MONITEAU COUNTY, MO	0	0	0	0	0	0
MONROE COUNTY, MO	0	0	0	0	0	0
MONTGOMERY COUNTY, MO	0	35,934	11,931	0	0	0
MORGAN COUNTY, MO	0	0	0	0	0	0
NEW MADRID COUNTY, MO	0	57,255	0	0	0	0
NEWTON COUNTY, MO	0	0	53,764	0	0	55,418
NODAWAY COUNTY, MO	0	0	0	0	0	0
OREGON COUNTY, MO	0	0	0	0	0	0
OSAGE COUNTY, MO	0	0	0	0	0	0
OZARK COUNTY, MO	0	0	9,456	0	0	0
PEMISCOT COUNTY, MO	0	0	0	0	0	0
PERRY COUNTY, MO	0	54,768	0	0	184,350	110,712
PETTIS COUNTY, MO	0	0	0	0	0	0
PHELPS COUNTY, MO	0	0	0	0	0	0
PIKE COUNTY, MO	0	73,196	18,383	0	0	0
PLATTE COUNTY, MO	456,096	855,679	475,668	0	1,395,751	332,416
POLK COUNTY, MO	0	0	28,219	0	0	0
PULASKI COUNTY, MO	0	0	0	0	0	0
PUTNAM COUNTY, MO	0	0	0	0	0	0
RALLS COUNTY, MO	0	28,896	0	0	0	0
RANDOLPH COUNTY, MO	0	0	0	0	0	0
RAY COUNTY, MO	0	211,329	236,130	0	46,934	118,120
REYNOLDS COUNTY, MO	0	0	0	0	0	0
RIPLEY COUNTY, MO	0	0	0	0	0	0
SALINE COUNTY, MO	0	0	0	0	0	0
SCHUYLER COUNTY, MO	0	0	0	0	0	0
SCOTLAND COUNTY, MO	0	0	0	0	0	0

County	2001	2002	2003	2004	2005	2006
SCOTT COUNTY, MO	0	120,831	0	0	0	0
SHANNON COUNTY, MO	0	0	0	0	0	0
SHELBY COUNTY, MO	0	0	0	0	0	0
ST. CHARLES COUNTY, MO	1,178,612	10,898,244	2,173,374	0	5,238,000	2,686,560
ST. CLAIR COUNTY, MO	0	0	9,486	0	0	9,372
STE. GENEVIEVE COUNTY, MO	0	125,083	0	0	17,887	0
ST. FRANCOIS COUNTY, MO	0	113,088	0	0	0	0
ST. LOUIS CITY, MO	699,910	7,359,891	1,740,195	0	7,404,012	1,769,185
ST. LOUIS COUNTY, MO	20,313,800	35,455,105	18,162,810	1,004,466	30,994,327	16,948,201
STODDARD COUNTY, MO	0	0	0	0	0	0
STONE COUNTY, MO	0	0	29,916	0	0	0
SULLIVAN COUNTY, MO	0	0	0	0	0	0
TANEY COUNTY, MO	0	0	41,490	0	0	0
TEXAS COUNTY, MO	0	0	0	0	0	0
VERNON COUNTY, MO	0	0	20,193	0	0	0
WARREN COUNTY, MO	0	286,836	53,738	0	28,585	0
WASHINGTON COUNTY, MO	23,454	402,322	94,884	0	119,090	24,083
WAYNE COUNTY, MO	0	0	0	0	0	0
WEBSTER COUNTY, MO	0	0	32,852	0	0	0
WORTH COUNTY, MO	0	0	0	0	0	0
WRIGHT COUNTY, MO	0	0	0	0	0	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 ozone National Ambient Air Quality Standard (NAAQS) is 0.075 ppm. EPA established this new 8-hour standard for ozone of 0.075 parts per million (ppm) in 2008. The previous 8-hour standard was set at 0.08 ppm.
- Counties for which measures are created using modeled data exclusively are identified by using italic text with a shaded background.