COVID Data Tracker

Maps, charts, and data provided by CDC, updates Mon-Fri by 8 pm ET

Recommendations and guidelines for conducting surveillance for detection and monitoring of COVID-19 in communities and in labs (CDC, 4/7/2020)
Surveillance Lessons Learned from Previous Outbreaks and Epidemics (CDC, 4/7/2020) Lessons learned from earlier epidemics of acute respiratory illnesses such as SARS, Ebola, and Middle East respiratory syndrome (MERS) can inform surveillance for COVID-19.
Transmission Lessons Learned from Previous Outbreaks and Epidemics (CDC, 4/7/2020) Lessons learned from earlier epidemics of acute respiratory illnesses such as SARS, Ebola, and Middle East respiratory syndrome (MERS) can inform COVID-19 transmission.

United States
As of a Score

Cases Total	Cases Per 100,000	Deaths Total	Deaths Per 100,000	Current Hosp.	Hospitalized Per 100,000	% 65+ of People with Hospitalizations
103,907,802	31,353.8	1,123,613	338.9	12,789	3.9	29.4%

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Wastewater Surveillance

COVID-19: Wastewater Surveillance

Communities can track the presence of SARS-CoV-2, the virus that causes COVID-19, in wastewater samples. These data can provide early warning of COVID-19 in a community, including when more information, visit the *Wastewater Surveillance System page*.

Monitoring Wastewater Surveillance Data

Wastewater surveillance for COVID-19 is a rapidly developing field. State, tribal, local, and territorial health departments participating in the National Wastewater Surveillance System (NWSS) submit testing data to CDC. CDC then standardizes and integrates these data into this dashboard. Because this is a new field, sites often collect wastewater samples and share data as they become ready, or as requested by CDC or sites by their department.

*Wastewater data are meant to be used with other COVID-19 surveillance data to better understand COVID-19's spread in a community. Because wastewater surveillance is a developing field, the charts and maps, the map of sampling sites, and the map of SARS-CoV-2 variant is the most dominant at each wastewater sampling site, see CDC COVID Data Tracker's *Variants of Concern* data.*

*View *Information About the data and download the data*.

Maps, charts, and data provided by CDC, updates Mon-Fri by 8pm ET. This represents all wastewater data submitted directly to CDC's NWSS. Jurisdiction-level data are updated with the exceptions described in the *About the data* section. Each dot on the map represents a site. A site can represent all or part of a "sewershed," which is the area contributing wastewater to a sampling location. Not all communities report wastewater data to CDC. Participation in surveillance and wastewater samples are collected from lower quality sewers or communities that only participate on major reporting days. Wastewater surveillance data are not a substitute for clinical or other COVID-19 surveillance data, but can be an important supplement to what is reported on the map due to various factors, such as small populations or not reaching facility sampling.

View *Expanded and Download Data*

Wastewater Metric Chart

This chart shows how much virus levels have changed, increased and decreased over time at participating sites. Each line represents a site. The line's color shows the current trend, based on the most recent two weeks of data. Hover over the line to see more details about a site.

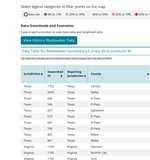
The percent change metric shows virus levels which have increased or decreased at sites over the 15 days. Sites are grouped into categories:

- Blue categories (Large decrease (-100%), Decrease (-99% to -10%)): Virus levels decreased at these sites in the last 15 days.
- Yellow category (Stable (-9% to 9%)): Virus levels stayed about the same at these sites in the last 15 days.
- Orange and red categories (Increase (10% to 99%), Large increase (100% or more)): Virus levels increased at these sites in the last 15 days.

The chart shows the overall percent of sites that were in each category over time since January 1, 2021. If more area on the chart is shaded light or dark blue, it means virus levels were decreasing at the sites at that point in time. If more area on the chart is shaded red or orange, it means virus levels were increasing at more sites at that point in time. Since the percent change in the last 15 days is based on the 15 days of wastewater sampling before and after a specific collection date, the most black line shows the number of samples available data for each date.

Note: This chart **does not** show overall levels of SARS-CoV-2 in wastewater.

Percent of sites in each percent change category over time, United States*



*The darker bar on the right side of the figure highlights the most recent 2 weeks, which may be subject to reporting delays. The actual number of sites reporting during those 2 weeks will likely increase as historical data are added.

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Wastewater Metric Map

Sites or territory: Select a site or territory to view

County: Select county/ies to enable

Reset Selections

Time Period: March 15, 2021 - Mar 25, 2023

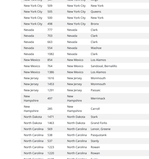
Map Cases Map Deaths Map Cases 7DP

Metric:
- Current virus levels in wastewater by site
- Percent change in the last 15 days
- Percent of wastewater samples with detectable virus

Sites:
- Sites with no recent data
- Sites that started sampling after 12/5/21

Current virus levels in wastewater by site
This metric shows whether SARS-CoV-2 levels at a site are currently higher or lower than past levels at that site. Sites are ranked by the most recent 2 weeks of data, with the sites with the highest virus levels at the top and lowest at the bottom. Sites with the most recent 2 weeks of data have the highest virus levels and are shown at the top. Public health officials watch for increasing levels of the virus in wastewater because it can be a sign that there could be more cases of COVID-19 in the community.

Note: Sites began collecting data at different times. Sites that began reporting wastewater data more recently, or that have had more samples, may generally have higher virus levels than sites that began collecting before December 2021. The data history for the newer sites may not be long enough to reflect the same surges as the other sites.



Current SARS-CoV-2 virus levels by site, United States

Total sites with current data: 1123
Total number of wastewater sampling sites: 1473
Data from Current SARS-CoV-2 in Wastewater (updated by jurisdiction) and Current SARS-CoV-2 in Wastewater (updated by date)

Select legend categories to filter points on the map.

Decreasing Stable Increasing Large increase No recent data

Data Downloads and Footnotes
Download data for jurisdiction-level and county-level data

View Historic Wastewater Data

Data Table for Wastewater Surveillance Current Virus Levels (in %)

Wastewater data from sewer systems serving a specific area or jurisdiction

Download Data

Jurisdiction	Sewershed or Site	Reporting Jurisdiction	County	Population Served	Current Virus Levels (% of Peak)	Current Trend (Last 2 Weeks)
Texas	1753	Texas	Tarrant	1,249,000	70.14	decreasing
Texas	2043	Texas	Dallas	372,164	new site	new site
Texas	1	Texas	El Paso	143,043	new site	new site
Texas	396	Texas	El Paso	143,000	53.4	decreasing
Texas	407	Texas	Galveston	36,490	43.2	decreasing
Texas	470	Texas	El Paso	406,000	39.2	decreasing
Texas	471	Texas	El Paso	406,000	38.8	decreasing
Texas	472	Texas	El Paso	176,000	35.6	decreasing
Texas	865	Texas	Webb	135,000	22.8	decreasing
Texas	867	Texas	Webb	135,000	19.9	decreasing
Virginia	1160	Virginia	Hanover	25,000	14.2	decreasing
Virginia	1159	Virginia	Norfolk City	76,332	13.9	decreasing
Virginia	1161	Virginia	Ivor	7,964	9.9	decreasing
Virginia	1162	Virginia	Ivor	7,964	9.9	decreasing
Virginia	1163	Virginia	Ivor	7,964	9.9	decreasing
Virginia	1218	Virginia	Petersburg City	30,000	5.2	decreasing
Vermont	1752	Vermont	Windsor	12,000	96.1	decreasing
Washington	1139	Washington	King, Pierce	896,000	43	decreasing
Washington	1140	Washington	King, Snohomish	700,000	27.3	decreasing
Washington	490	Washington	Clark	192,159	15	decreasing
Washington	1141	Washington	Snohomish	100,000	14.7	decreasing
Texas	1754	Texas	Dallas	368,000	38.4	decreasing
Texas	1141	Texas	Travis	110,000	new site	new site
Texas	1755	Texas	Kaufman	138,700	42.7	decreasing
Tennessee	1607	Tennessee	Chester	5,710	80.3	decreasing
Tennessee	1606	Tennessee	Sumner	172,000	72.9	decreasing
Tennessee	1623	Tennessee	Trousdale	309,000	33.4	decreasing
South Carolina	1944	South Carolina	Charleston, Berkeley, Dorchester	660,000	15.8	decreasing
South Carolina	1945	South Carolina	Pickens	39,000	13.1	decreasing
South Dakota	455	South Dakota	Beadle	13,281	new site	new site
South Dakota	1947	South Dakota	Minnehaha, Lincoln	215,000	39.4	decreasing
South Carolina	595	South Carolina	Greenwood	12,930	40.55	decreasing
South Carolina	1946	South Carolina	Greenville	145,245	new site	new site
South Carolina	1947	South Carolina	Horry	38,000	55	decreasing
South Carolina	1948	South Carolina	Georgetown	60,000	19.1	decreasing
Rhode Island	1221	Rhode Island	Providence	1,100	37.8	decreasing
Rhode Island	1222	Rhode Island	Woonsocket	15,000	34.6	decreasing
Rhode Island	1224	Rhode Island	Kent	33,000	23.4	decreasing
Rhode Island	1223	Rhode Island	Bristol	30,224	14.9	decreasing
Pennsylvania	1211	Pennsylvania	Lackawanna	1,100	31.8	decreasing
Pennsylvania	1212	Pennsylvania	Westmoreland	33,000	28.6	decreasing
Pennsylvania	1213	Pennsylvania	Bucks, Allegheny	41,000	25.3	decreasing
Pennsylvania	1214	Pennsylvania	Montgomery	1,100	23.2	decreasing
Pennsylvania	1215	Pennsylvania	Montgomery	1,100	22.9	decreasing
Oklahoma	321	Oklahoma	Bethany	11,500	52.05	decreasing
Oklahoma	767	Oklahoma	Stillwater	11,000	39.4	decreasing
Oklahoma	1264	Oklahoma	Carter	25,000	53.2	decreasing
New York City	1265	New York City	Richmond	196,128	99	decreasing
New York City	589	New York City	Kings	738,021	5	decreasing
New York City	1266	New York City	Kings	738,021	3.1	decreasing
New York City	591	New York City	Kings	738,205	73.4	decreasing
New York City	539	New York City	New York City	595,715	6.4	decreasing
New York City	1267	New York City	New York City	410,812	2.1	decreasing
New York City	1268	New York City	New York City	595,000	43.2	decreasing
Nevada	1111	Nevada	Clark	300,000	20	decreasing
Nevada	1112	Nevada	Clark	300,000	19.7	decreasing
Nevada	1113	Nevada	Clark	300,000	19.4	decreasing
New Mexico	1114	New Mexico	Los Alamos	5,852	51.6	decreasing
New Mexico	1115	New Mexico	Santa Fe, Rio Arriba	77,000	39.1	decreasing
New Mexico	1116	New Mexico	Los Alamos	13,000	38.6	decreasing
New Mexico	1117	New Mexico	Bernalillo, Sandoval	600,000	36.1	decreasing
New Mexico	1425	New Mexico	Otero County	41,000	34.6	decreasing
New Jersey	1251	New Jersey	Passaic	54,000	4	decreasing
Nebraska	1	Nebraska	Douglas	60,000	90.1	decreasing
Nebraska	285	Nebraska	Cass	25,000	14.6	decreasing
North Dakota	1471	North Dakota	Stark	25,679	41.25	decreasing
North Dakota	1469	North Dakota	Grand Forks	67,000	30.9	decreasing
North Carolina	999	North Carolina	Lenoir, Greene	28,484	19	decreasing
North Carolina	1000	North Carolina	Pasquotank	16,000	18.9	decreasing
North Carolina	1001	North Carolina	Brunswick	22,000	17.8	decreasing
North Carolina	1121	North Carolina	Rowan	22,544	15.4	decreasing
North Carolina	1122	North Carolina	Rowan	21,336	41.8	decreasing
North Carolina	1148	North Carolina	Surry	15,000	94.9	decreasing
Montana	1176	Montana	Cascade	81,000	21.1	decreasing
Missouri	1338	Missouri	Jefferson	12,530	new site	new site
Mississippi	1339	Mississippi	Scott, Carter, Hattiesburg	70,000	19.4	decreasing
Minnesota	782	Minnesota	Washington, Hennepin, Dakota, Anoka	1,100,000	19.3	decreasing
Maine	1340	Maine	Cumberland	9,556	20	decreasing
Maine	580	Maine	Sagadahoc	8,514	47.2	decreasing
Maine	1341	Maine	York	21,000	new site	new site
Maine	1343	Maine	York	21,000	16	decreasing
Maine	1342	Maine	Androscoggin	35,000	15.1	decreasing
Maryland	1420	Maryland	Allegany	45,000	94.9	decreasing
Maryland	501	Maryland	Wicomico	57,000	50.9	decreasing
Maryland	1421	Maryland	Howard	170,000	12.6	decreasing
Maryland	1348	Maryland	Charles	38,500	8.6	decreasing
Maryland	1422	Maryland	Anne Arundel	76,000	21.4	decreasing
Maryland	1349	Maryland	Anne Arundel	130,000	new site	new site
Maryland	1423	Maryland	Anne Arundel	130,000	7.1	decreasing
Maryland	1424	Maryland	Anne Arundel	130,000	6.1	decreasing
Maryland	1351	Maryland	Anne Arundel	51,000	new site	new site
Massachusetts	475	Massachusetts	Hampshire	32,000	24.8	decreasing
Massachusetts	1493	Massachusetts	Worcester	42,000	9.6	decreasing
Massachusetts	1494	Massachusetts	Worcester	3,000	9.6	decreasing
Louisiana	127	Louisiana	Orleans	998,000	50.2	decreasing
Louisiana	1051	Louisiana	Lafayette	27,000	47.9	decreasing
Louisiana	1052	Louisiana	Lafayette	47,000	23.9	decreasing
Louisiana	1053	Louisiana	Lafayette	47,000	22.6	decreasing
Louisiana	1054	Louisiana	Lafayette	27,000	72	decreasing
Louisiana	1055	Louisiana	Lafayette	27,000	new site	new site
Louisiana	1056	Louisiana	Lafayette	27,000	73	decreasing
Louisiana	1057	Louisiana	Lafayette	27,000	new site	new site
Louisiana	1058	Louisiana	Lafayette	48,000	24.4	decreasing
Louisiana	1059	Louisiana	Lafayette	27,000	19.1	decreasing
Louisiana	1060	Louisiana	Jefferson	188,000	38.1	decreasing
Louisiana	1015	Louisiana	Saint Tammany	15,000	17.4	decreasing
Louisiana	1016	Louisiana	Jefferson	188,000	15.1	decreasing
Louisiana	1229	Louisiana	Rapides	60,000	new site	new site
Louisiana	1230	Louisiana	East Baton Rouge	36,712	35.3	decreasing
Louisiana	1107	Louisiana	East Baton Rouge	262,326	19.8	decreasing
Kansas	1284	Kansas	Johnson	70,000	22.8	decreasing
Kansas	1285	Kansas	Johnson	71,000	21.8	decreasing
Kansas	1304	Kansas	Johnson	73,639	41	decreasing
Kansas	1286	Kansas	Johnson	63,436	61	decreasing
Kansas	1299	Kansas	Johnson	110,076	26.2	decreasing
Indiana	828	Indiana	Hamilton	36,000	19.2	decreasing
Indiana	1918	Indiana	Tippecanoe	93,000	26.2	decreasing
Indiana	1919	Indiana	Marion	36,712	20.1	decreasing
Indiana	1390	Indiana	Marion	36,000	19.1	decreasing
Indiana	1920	Indiana	Marion	36,000	18.9	decreasing
Indiana	1391	Indiana	Elkhart	56,930	28.6	decreasing
Indiana	1273	Indiana	Dubois	16,000	27.2	decreasing
Illinois	1450	Illinois	Cook	21,000	13.25	decreasing
Illinois	480	Illinois	Cook	161,000	20.4	decreasing
Illinois	1451	Illinois	Cook	161,000	19.1	decreasing
Iowa	944	Iowa	Johnson	75,849	41.4	decreasing
Iowa	1947	Iowa	Polk, Dallas	1,000,000	39.1	decreasing
Iowa	1948	Iowa	Warren	5,257	40.75	decreasing
Iowa	1487	Iowa	Mahaska	5,051	47.75	decreasing
Iowa	1949	Iowa	Woodbury	102,000	19.1	decreasing
Hawaii	798	Hawaii	Honolulu	48,519	39.8	decreasing
Hawaii	1950	Hawaii	Honolulu	48,519	19.6	decreasing
Hawaii	710	Hawaii	Kauai	70,000	17.6	decreasing
Hawaii	1951	Hawaii	Maui	160,000	16.9	decreasing
Hawaii	1775	Hawaii	Maui	52,000	29.1	decreasing
Hawaii	1776	Hawaii	Maui	52,000	new site	new site
Guam	1445	Guam	Guam	150,000	4.2	decreasing
Guam	1446	Guam	Guam	8,085	5.4	decreasing
Guam	1447	Guam	Guam	8,085	3.9	decreasing
Georgia	389	Georgia	Lowndes	125,000	13.4	decreasing
Georgia	1966	Georgia	Cobb, Fulton	1,000,000	12.9	decreasing
Georgia	1967	Georgia	Lowndes	100,000	12.9	decreasing
Florida	796	Florida	Escambia	197,000	5	decreasing
Florida	1968	Florida	Pinellas	220,000	21.4	decreasing
Florida	911	Florida	Pinellas	550,000	17.2	decreasing
Florida	1969	Florida	Pinellas	550,000	16.9	decreasing
Florida	1932	Florida	Leon	200,000	27.6	decreasing
Florida	1933	Florida	Palm Beach	1,000,000	19.1	decreasing
Florida	1970	Florida	Alachua	160,000	22	decreasing
Florida	1971	Florida	Alachua	130,000	20	decreasing
Florida	1934	Florida	Seminole, Orange	93,760	17.6	decreasing
Florida	1935	Florida	Hillsborough	83,760	14.2	decreasing
Connecticut	1972	Connecticut	Fairfield	35,000	118.8	decreasing
Connecticut	1973	Connecticut	Windham	10,000	20.4	decreasing
Connecticut	1974	Connecticut	Fairfield	35,000	19.8	decreasing
Connecticut	1975	Connecticut	Fairfield	35,000	18.4	decreasing
Connecticut	2003	Connecticut	Fairfield	35,000	43.8	decreasing
Connecticut	1976	Connecticut	Hartford	25,000	19.8	decreasing
Connecticut	1395	Connecticut	Fairfield	52,425	5	decreasing
Connecticut	1977	Connecticut	New Haven	25,000	5.4	decreasing
Connecticut	1979	Connecticut	New Haven	126,000	5.4	decreasing
Colorado	1980	Colorado	Pueblo	70,000	5.4	decreasing
Colorado	802	Colorado	Garfield, Eagle	150,000	24.6	decreasing
Colorado	1981	Colorado	Garfield	85,000	80	decreasing
Colorado	1982	Colorado	San Luis Obispo	59,000	28.4	decreasing
Colorado	178	Colorado	Lake	10,000	94.9	decreasing
Colorado	179	Colorado	Contra Costa	210,264	32.2	decreasing
Colorado	519	Colorado	Sonoma	320,000	52.9	decreasing
Colorado	1983	Colorado	Santa Cruz	130,000	19.1	decreasing
Colorado	1984	Colorado	Santa Cruz	130,000	18.9	decreasing
Colorado	495	Colorado	Santa Cruz	92,000	35	decreasing
Colorado	1985	Colorado	Santa Cruz	92,000	19.1	decreasing
Colorado	1361	Colorado	San Luis Obispo	6,500	57.6	decreasing
Colorado	1362	Colorado	Imperial	10,000	54.2	decreasing
Colorado	1287	Colorado	Monterey	250,000	54.4	decreasing
Colorado	1288	Colorado	Monterey	250,000	23.1	decreasing
Colorado	1289	Colorado	El Dorado	40,000	53.4	decreasing
Colorado	1290	Colorado	Yolo	200,000	19.1	decreasing
Colorado	1291	Colorado	Yolo	200,000	18.9	decreasing
Arizona	1271	Arizona	Pima	25,000	94.9	decreasing
Arizona	1272	Arizona	Maricopa	5,000,000	57.6	decreasing
Arizona	1273	Arizona	La Paz	2,500	43.75	decreasing
Arizona	1274	Arizona	Yavapai	50,000	19.1	decreasing
Arizona	1275	Arizona	Pima	25,000	94.9	decreasing
Arizona	1276	Arizona	Maricopa	5,000,000	57.6	decreasing
Arkansas	1277	Arkansas	Pulaski	32,641	47.2	decreasing
Arkansas	1278	Arkansas	Pulaski	32,641	19.1	decreasing
Arkansas	1279	Arkansas	Pulaski	32,000	18.9	decreasing
Arkansas	1304	Arkansas	Garland	92,000	52.2	decreasing
Arkansas	1305	Arkansas	Benton	17,000	52.2	decreasing
Arkansas	1306	Arkansas	Greene	29,000	45.8	decreasing
Arkansas	1307	Arkansas	Jefferson	35,000	19.1	decreasing
Arkansas	1461	Arkansas	Saline	30,000	32.2	decreasing
Arkansas	1462	Arkansas	Saline	30,000	19.1	decreasing
Arkansas	1463	Arkansas	Lee	15,000	47.2	decreasing
Arkansas	1364	Arkansas	Shelby	11,000	14.5	decreasing
Alaska	1310	Alaska	Anchorage	150,000	19.1	decreasing
Alaska	1194	Alaska	Anchorage	15,000	15.75	decreasing
Alaska	1311	Alaska	Anchorage	150,000	14.2	decreasing
Washington	876	Washington	Snohomish, King	280,000	41	decreasing
Washington	1312	Washington	Spokane	10,000	19.1	decreasing
Washington	1313	Washington	Snohomish	110,000	35.2	decreasing
Washington	894	Washington	Clark	16,000	94.9	decreasing
Washington	1314	Washington	Whatcom	20,000	57.6	decreasing
Wisconsin	1348	Wisconsin	Brown	240,000	38.4	decreasing
Wyoming	1315	Wyoming	Sheridan	30,000	29.6	decreasing
Wyoming	1316	Wyoming	Teton	13,636	49.8	decreasing
Wyoming	1317	Wyoming	Teton	13,636	19.1	decreasing
Utah	1318	Utah	Tooele	70,000	52.2	decreasing
Utah	1319	Utah	Tooele	70,000	19.1	decreasing
Utah	1320	Utah	Tooele	70,000	18.9	decreasing
California	1321	California	Santa Clara	1,000,000	19.1	decreasing
California	1322	California	Santa Clara	1,000,000	18.9	decreasing
California	1323	California	Merced	91,000	94.9	decreasing
California	1324	California	Kern	170,000	57.6	decreasing
California	2004	California	San Joaquin	95,000	26	decreasing
California	2005	California	San Joaquin	95,000	19.1	decreasing
California	272	California	Los Angeles, Ventura	1,000,000	18.9	decreasing
California	1325	California	Kern	170,000	94.9	decreasing
California	1326	California	Santa Clara	1,100,000	57.6	decreasing
California	396	California	San Bernardino	105,000	51	decreasing
California	1327	California	San Mateo, San Francisco	1,000,000	44.8	decreasing
California	350	California	San Mateo, San Francisco	750,000	19.1	decreasing
California	351	California	San Francisco	750,000	18.9	decreasing
California	1328	California	Sacramento	1,400,000	94.9	decreasing
California	1329	California	Sacramento	1,400,000	57.6	decreasing
California	38	California	Contra Costa	407,000	39.4	decreasing
California	1330	California	Colusa	5,275	19.1	decreasing
California	1331	California	Colusa	5,714	40.5	decreasing
California	1332	California	Lassen	5,018	27.9	decreasing
California	1401	California	Chaffee	19,000	26.4	decreasing
California	1402	California	Chaffee	19,000	19.1	decreasing
California	1403	California	El Paso	6,779	51.2	decreasing
California	1025	California	Weld	13,776	94.9	decreasing
California	1026	California	Douglas	18,000	57.6	decreasing
California	1027	California	Montrose	10,477	26	decreasing
California	1028	California	Delta	15,710	19.1	decreasing
California	1198	California	Shasta	5,957	69.9	decreasing
California	1199	California	Shasta	5,957	19.1	decreasing
California	1200	California	Shasta	5,957	18.9	decreasing
California	1201	California	Shasta	5,957	94.9	decreasing
California	1202	California	Shasta	5,957	57.6	decreasing
California	1203	California	Shasta	5,957	26	decreasing
California	1204	California	Shasta	5,957	19.1	decreasing
California	1205	California	Shasta	5,957	18.9	decreasing
California	1206	California	Shasta	5,957	94.9	decreasing
California	1207	California	Shasta	5,957	57.6	decreasing
California	1208	California	Shasta	5,957	26	decreasing
California	1209	California	Shasta	5,957	19.1	decreasing
California	1210	California	Shasta	5,957	18.9	decreasing
California	1211	California	Shasta	5,957	94.9	decreasing
California	1212	California	Shasta	5,957	57.6	decreasing
California	1213	California	Shasta	5,957	26	decreasing
California	1214	California	Shasta	5,957	19.1	decreasing
California	1215	California	Shasta	5,957	18.9	decreasing
California	1216	California	Shasta	5,957	94.9	decreasing
California	1217	California	Shasta	5,957	57.6	decreasing
California	1218	California	Shasta	5,957	26	decreasing
California	1219	California	Shasta	5,957	19.1	decreasing
California	1220	California	Shasta	5,957	18.9	decreasing
California	1221	California	Shasta	5,957	94.9	decreasing
California	1222	California	Shasta	5,957	57.6	decreasing
California	1223	California	Shasta	5,957	26	decreasing
California	1224	California	Shasta	5,957	19.1	decreasing
California	1225	California	Shasta	5,957	18.9	decreasing
California	1226	California	Shasta	5,957	94.9	decreasing
California	1227	California	Shasta	5,957	57.6	decreasing
California	1228	California	Shasta	5,957	26	decreasing
California	1229	California	Shasta	5,957	19.1	decreasing
California	1230	California	Shasta	5,957	18.9	decreasing
California	1231	California	Shasta	5,957	94.9	decreasing
California	1232	California	Shasta	5,957	57.6	decreasing
California	1233	California	Shasta	5,957	26	decreasing
California	1234	California	Shasta	5,957	19.1	decreasing
California	1235	California	Shasta	5,957	18.9	decreasing
California	1236	California	Shasta	5,957	94.9	decreasing
California	1237	California	Shasta	5,957	57.6	decreasing
California	1238	California	Shasta	5,957	26	decreasing
California	1239	California	Shasta	5,957	19.1	decreasing
California	1240	California	Shasta	5,957	18.9	decreasing
California	1241	California	Shasta	5,957	94.9	decreasing
California	1242	California	Shasta	5,957	57.6	decreasing
California	1243	California	Shasta	5,957	26	decreasing
California	1244	California	Shasta	5,957	19.1	decreasing
California	1245	California	Shasta	5,957	18.9	decreasing
California	1246	California	Shasta	5,957	94.9	decreasing
California	1247	California	Shasta	5,957	57.6	decreasing
California	1248	California	Shasta	5,957	26	decreasing
California	1249	California	Shasta	5,957	19.1	decreasing
California	1250	California	Shasta	5,957	18.9	decreasing
California	1251	California	Shasta	5,957	94.9	decreasing
California	1252	California	Shasta	5,957	57.6	decreasing
California	1253	California	Shasta	5,957	26	decreasing
California	1254	California	Shasta	5,957	19.1	decreasing
California	1255	California	Shasta	5,957	18.9	decreasing
California	1256	California	Shasta	5,957	94.9	decreasing
California	1257	California	Shasta	5,957	57.6	decreasing
California	1258	California	Shasta	5,957	26	decreasing
California	1259	California	Shasta	5,957	19.1	decreasing
California	1260	California	Shasta	5,957	18.9	decreasing
California	1261	California	Shasta	5,957	94.9	decreasing
California	1262	California	Shasta	5,957	57.6	decreasing
California	1263	California	Shasta	5,957	26	decreasing

Colorado 247	Larimer	16,438	49.4
Colorado 250	Denver	159,984	49.4
Colorado 329	Pueblo	36,314	49.4
Colorado 331	San Miguel	10,606	49.75
Colorado 437	Colorado	5,292	23.4
Colorado 441	Dolores	1,064	23.4
Colorado 443	Mineral	5,008	56.2
Colorado 575	Routt	43,741	52
Colorado 577	Summit	35,971	41
Colorado 580	Douglas	34,790	49.8
Colorado 740	Chaffee	17,809	49.4
Colorado 740	Eagle	21,371	63.4
Colorado 740	Lake	7,310	49.4
Colorado 740	Pitkin	18,384	63.4
Colorado 740	Summit	30,009	34.6
District of Columbia 000	District Of Columbia	2,705	new site
District of Columbia 000	District Of Columbia	15,641	new site
District of Columbia 000	District Of Columbia	10,864	new site
Delaware 134	Delaware	1,800	29.2
Delaware 134	Kent	138,000	29.2
Delaware 134	Sussex	19,486	29.2
Florida 134	Florida	Orange Seminole	51,000	27
Florida 134	Florida	Seminole	43,810	34.6
Georgia 172	Georgia	Gwinnett	650,000	47.2
Georgia 172	Georgia	Paulding	15,000	47.2
Georgia 174	Georgia	Forsyth	36,500	50.6
Georgia 174	Georgia	Fulton	60,000	50.6
Idaho 187	Idaho	Bonneville	30,000	55.9
Idaho 187	Idaho	Twin Falls	48,951	54.9
Idaho 187	Idaho	Kootenai	30,000	54.9
Idaho 1327	Idaho	Bannock	75,000	54.9
Idaho 1327	Idaho	Minidoka	9,200	55.9
Idaho 1603	Idaho	Ada	173,026	54.9
Idaho 1603	Idaho	Canyon	100,000	54.9
Idaho 1603	Idaho	Gem	15,000	54.9
Idaho 992	Idaho	Ada	147,500	54.96
Illinois 1100	Illinois	Kendall	320,000	23.07
Illinois 1100	Illinois	Du Page	45,418	52
Illinois 1252	Illinois	Lake	52,000	23.07
Illinois 1252	Illinois	Du Page	18,865	52
Illinois 1252	Illinois	Kane	18,865	52
Illinois 1329	Illinois	Van Cook	45,000	39.4
Illinois 1386	Illinois	McHenry	15,360	48.2
Illinois 1386	Illinois	Du Page	45,916	52
Illinois 1813	Illinois	Iroquois	6,150	28
Illinois 1848	Illinois	Du Page	45,000	52
Illinois 1949	Illinois	McHenry	18,240	34.8
Illinois 1949	Illinois	Winnebago	18,240	34.8
Illinois 1949	Illinois	Rockford	18,240	34.8
Illinois 404	Illinois	Cass	5,446	34.4
Illinois 416	Illinois	Christian	12,860	44
Illinois 417	Illinois	McHenry	18,261	48.4
Illinois 420	Illinois	Effingham	12,264	28.9
Illinois 424	Illinois	Clay	5,130	31.8
Illinois 425	Illinois	Clinton	12,000	31.8
Illinois 426	Illinois	Fayette	12,000	31.8
Illinois 427	Illinois	Morgan	22,818	37.6
Illinois 428	Illinois	Audrain	12,417	34.4
Illinois 635	Illinois	Cook	23,475	30.8
Illinois 636	Illinois	Cook	1,104,891	19.4
Illinois 636	Illinois	Cook	110,204	39.14
Illinois 637	Illinois	Cook	1,104,891	19.4
Illinois 638	Illinois	Cook	1,157,158	47.66
Illinois 639	Illinois	Cook	1,104,891	19.4
Illinois 640	Illinois	Lake	92,765	31
Illinois 646	Illinois	Lake	105,249	44.4
Illinois 648	Illinois	Lake	105,249	44.4
Illinois 649	Illinois	Bureau	7,555	59.8
Illinois 650	Illinois	Adams	16,856	28
Illinois 651	Illinois	Carroll	5,073	43
Illinois 652	Illinois	Clinton	12,000	31.8
Illinois 653	Illinois	Macoupin	9,000	42.75
Illinois 654	Illinois	Whiteside	18,878	51.8
Illinois 675	Illinois	Cook	1,104,891	19.4
Illinois 676	Illinois	Cook	94,362	81
Illinois 731	Illinois	Cook	23,475	30.8
Illinois 731	Illinois	Bureau	5,800	49.6
Illinois 731	Illinois	Henry	18,878	51.8
Illinois 731	Illinois	McHenry	15,000	35.2
Illinois 986	Illinois	Du Page	18,800	69.4
Indiana 1459	Indiana	Clark	25,000	34.2
Indiana 1459	Indiana	Jasper	5,800	38.2
Indiana 1479	Indiana	Elkhart	15,000	34.2
Indiana 1481	Indiana	Marion	18,000	47.2
Indiana 1481	Indiana	Marion	1,104,891	19.4
Indiana 1481	Indiana	Boone	6,154	34.2
Indiana 1486	Indiana	Harrison	8,754	34.4
Indiana 1486	Indiana	Monroe	8,754	34.4
Indiana 1486	Indiana	Washington	8,754	34.4
Indiana 1492	Indiana	Madison	5,460	39.75
Indiana 1496	Indiana	Hancock	5,460	39.75
Indiana 1505	Indiana	Henrietta	5,460	39.75
Indiana 1506	Indiana	Marion	18,000	47.2
Indiana 1506	Indiana	Hamilton	5,460	39.75
Indiana 1506	Indiana	Hancock	5,460	39.75
Indiana 1506	Indiana	Morgan	5,460	39.75
Indiana 1506	Indiana	Shelby	5,460	39.75
Indiana 1506	Indiana	Marion	1,104,891	19.4
Indiana 1506	Indiana	Marion	18,000	47.2

California	1455	Colusa	21,419
California	1456	Contra Costa	404,691
California	1457	Marin	104,250
California	1458	Mono	12,000
California	1459	San Luis Obispo	31,037
California	1460	San Mateo	110,000
California	1461	Santa Cruz	100,000
California	1462	Shasta	100,000
California	1463	Siskiyou	100,000
California	1464	Solano	100,000
California	1465	Sonoma	100,000
California	1466	Stanislaus	100,000
California	1467	Sutter	100,000
California	1468	Los Angeles	1,000,000
California	1469	Los Angeles	200,000
California	1470	San Bernardino	100,000
California	1471	Ventura	100,000
California	1472	Orange	100,000
California	1473	Riverside	100,000
California	1474	San Diego	100,000
California	1475	Imperial	100,000
California	1476	San Luis Obispo	31,037
California	1477	San Mateo	110,000
California	1478	Santa Cruz	100,000
California	1479	Shasta	100,000
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California	1489	Orange	100,000
California	1490	Riverside	100,000
California	1491	San Diego	100,000
California	1492	Imperial	100,000
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California	1496	Shasta	100,000
California	1497	Siskiyou	100,000
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California	1502	Los Angeles	200,000
California	1503	Lassen	17,000
California	1504	Los Angeles	200,000
California	1505	Mono	12,000
California	1506	Orange	100,000
California	1507	Riverside	100,000
California	1508	San Diego	100,000
California	1509	Imperial	100,000
California	1510	San Luis Obispo	31,037
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California	1518	Sutter	100,000
California	1519	Los Angeles	200,000
California	1520	Los Angeles	200,000
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California	1523	Orange	100,000
California	1524	Riverside	100,000
California	1525	San Diego	100,000
California	1526	Imperial	100,000
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California	1606	Imperial	100,000
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California	1622	Imperial	100,000
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California	1699	Orange	100,000
California	1700	Riverside	100,000
California	1701	San Diego	100,000
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California	1775	Sutter	100,000
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California	1779	Orange	100,000
California	1780	Riverside	100,000
California	1781	San Diego	100,000
California	1782	Imperial	100,000
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California	1798	Imperial	100,000
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California	1837	Sonoma	100,000
California	1838	Stanislaus	100,000
California	1839	Sutter	100,000
California	1840	Los Angeles	200,000
California	1841	San Bernardino	100,000
California	1842	Ventura	100,000
California	1843	Orange	100,000
California	1844	Riverside	100,000
California	1845	San Diego	100,000
California	1846	Imperial	100,000
California	1847	San Luis Obispo	31,037
California	1848	San Mateo	110,000
California	1849	Santa Cruz	100,000
California	1850	Shasta	100,000
California	1851	Siskiyou	100,000
California	1852	Solano	100,000
California	1853	Sonoma	100,000
California	1854	Stanislaus	100,000
California	1855	Sutter	100,000
California	1856	Los Angeles	200,000
California	1857	San Bernardino	100,000
California	1858	Ventura	100,000
California	1859	Orange	100,000
California	1860	Riverside	100,000
California	1861	San Diego	100,000
California	1862	Imperial	100,000
California	1863	San Luis Obispo	31,037
California	1864	San Mateo	110,000
California	1865	Santa Cruz	100,000
California	1866	Shasta	100,000
California	1867	Siskiyou	100,000
California	1868	Solano	100,000
California	1869	Sonoma	100,000
California	1870	Stanislaus	100,000
California	1871	Sutter	100,000
California	1872	Los Angeles	200,000
California	1873	San Bernardino	100,000
California	1874	Ventura	100,000
California	1875	Orange	100,000
California	1876	Riverside	100,000
California	1877	San Diego	100,000
California	1878	Imperial	100,000
California	1879	San Luis Obispo	31,037
California	1880	San Mateo	110,000
California	1881	Santa Cruz	100,000
California	1882	Shasta	100,000
California	1883	Siskiyou	100,000
California	1884	Solano	100,000
California	1885	Sonoma	100,000
California	1886	Stanislaus	100,000
California	1887	Sutter	100,000
California	1888	Los Angeles	200,000
California	1889	San Bernardino	100,000
California	1890	Ventura	100,000
California	1891	Orange	100,000
California	1892	Riverside	100,000
California	1893	San Diego	100,000
California	1894	Imperial	100,000
California	1895	San Luis Obispo	31,037
California	1896	San Mateo	110,000
California	1897	Santa Cruz	100,000
California	1898	Shasta	100,000
California	1899	Siskiyou	100,000
California	1900	Solano	100,000
California	1901	Sonoma	100,000
California	1902	Stanislaus	100,000
California	1903	Sutter	100,000
California	1904	Los Angeles	200,000
California	1905	San Bernardino	100,000
California	1906	Ventura	100,000
California	1907	Orange	100,000
California	1908	Riverside	100,000
California	1909	San Diego	100,000
California	1910	Imperial	100,000
California	1911	San Luis Obispo	31,037
California	1912	San Mateo	110,000
California	1913	Santa Cruz	100,000
California	1914	Shasta	100,000
California	1915	Siskiyou	100,000
California	1916	Solano	100,000
California	1917	Sonoma	100,000
California	1918	Stanislaus	100,000
California	1919	Sutter	100,000
California	1920	Los Angeles	200,000
California	1921	San Bernardino	100,000
California	1922	Ventura	100,000
California	1923	Orange	100,000
California	1924	Riverside	100,000
California	1925	San Diego	100,000
California	1926	Imperial	100,000
California	1927	San Luis Obispo	31,037
California	1928	San Mateo	110,000
California	1929	Santa Cruz	100,000
California	1930	Shasta	100,000
California	1931	Siskiyou	100,000
California	1932	Solano	100,000
California	1933	Sonoma	100,000
California	1934	Stanislaus	100,000
California	1935	Sutter	100,000
California	1936	Los Angeles	200,000
California	1937	San Bernardino	100,000
California	1938	Ventura	100,000
California	1939	Orange	100,000
California	1940	Riverside	100,000
California	1941	San Diego	100,000
California	1942	Imperial	100,000
California	1943	San Luis Obispo	31,037
California	1944	San Mateo	110,000
California	1945	Santa Cruz	100,000
California	1946	Shasta	100,000
California	1947	Siskiyou	100,000
California	1948	Solano	100,000
California	1949	Sonoma	100,000
California	1950	Stanislaus	100,000
California	1951	Sutter	100,000
California	1952	Los Angeles	200,000
California	1953	San Bernardino	100,000
California	1954	Ventura	100,000
California	1955	Orange	100,000
California	1956	Riverside	100,000
California	1957	San Diego	100,000
California	1958	Imperial	100,000
California	1959	San Luis Obispo	31,037
California	1960	San Mateo	110,000
California	1961	Santa Cruz	100,000
California	1962	Shasta	100,000
California	1963	Siskiyou	100,000
California	1964	Solano	100,000
California	1965	Sonoma	100,000
California	1966	Stanislaus	100,000
California	1967	Sutter	100,000
California	1968	Los Angeles	200,000
California	1969	San Bernardino	100,000
California	1970	Ventura	100,000
California	1971	Orange	100,000
California	1972	Riverside	100,000
California	1973	San Diego	100,000
California	1974	Imperial	100,000
California	1975	San Luis Obispo	31,037
California	1976	San Mateo	110,000
California	1977	Santa Cruz	100,000
California	1978	Shasta	100,000
California	1979	Siskiyou	100,000
California	1980	Solano	100,000
California	1981	Sonoma	100,000
California	1982	Stanislaus	100,000
California	1983	Sutter	100,000
California	1984	Los Angeles	200,000
California	1985	San Bernardino	100,000
California	1986	Ventura	100,000
California	1987	Orange	100,000
California	1988	Riverside	100,000
California	1989	San Diego	100,000
California	1990	Imperial	100,000
California	1991	San Luis Obispo	31,037
California	1992	San Mateo	110,000
California	1993	Santa Cruz	100,000
California	1994	Shasta	100,000
California	1995	Siskiyou	100,000
California	1996	Solano	100,000
California	1997	Sonoma	100,000
California	1998	Stanislaus	100,000
California	1999	Sutter	100,000
California	2000	Los Angeles	200,000
California	2001	San Bernardino	100,000
California	2002	Ventura	100,000
California	2003	Orange	100,000
California	2004	Riverside	100,000
California	2005	San Diego	100,000
California	2006	Imperial	100,000
California	2007	San Luis Obispo	31,037
California	2008	San Mateo	110,000
California	2009	Santa Cruz	100,000
California	2010	Shasta	100,000
California	2011	Siskiyou	100,000
California	2012	Solano	100,000
California	2013	Sonoma	100,000
California	2014	Stanislaus	100,000
California	2015	Sutter	100,000
California	2016	Los Angeles	200,000
California	2017	San Bernardino	100,000
California	2018	Ventura	100,000
California	2019	Orange	100,000
California	2020	Riverside	100,000
California	2021	San Diego	100,000
California	2022	Imperial	100,000
California	2023	San Luis Obispo	31,037
California	2024	San Mateo	110,000
California	2025	Santa Cruz	100,000
California	2026	Shasta	100,000
California	2027	Siskiyou	100,000
California	2028	Solano	100,000
California	2029	Sonoma	100,000
California	2030	Stanislaus	100,000
California	2031	Sutter	100,000
California	2032	Los Angeles	200,000
California	2033	San Bernardino	100,000
California	2034	Ventura	100,000
California	2035	Orange	100,000
California	2036	Riverside	100,000
California	2037	San Diego	100,000
California	2038	Imperial	100,000
California	2039	San Luis Obispo	31,037
California	2040	San Mateo	110,000
California	2041	Santa Cruz	100,000
California	2042	Shasta	100,000
California	2043	Siskiyou	100,000
California	2044	Solano	100,000
California	2045	Sonoma	100,000
California	2046	Stanislaus	100,000
California	2047	Sutter	100,000
California	2048	Los Angeles	200,000
California	2049	San Bernardino	100,000
California	2050	Ventura	100,000
California	2051	Orange	100,000
California	2052	Riverside	100,000
California	2053	San Diego	100,000
California	2054	Imperial	100,000
California	2055	San Luis Obispo	31,037
California	2056	San Mateo	110,000
California	2057	Santa Cruz	100,000
California	2058	Shasta	100,000
California	2059	Siskiyou	100,000
California	2060	Solano	100,000
California	2061	Sonoma	100,000
California	2062	Stanislaus	100,000
California	2063	Sutter	100,000
California	2064	Los Angeles	200,000
California	2065	San Bernardino	100,000
California	2066	Ventura	100,000
California	2067	Orange	100,000
California	2068	Riverside	100,000
California	2069	San Diego	100,000
California	2070	Imperial	100,000
California	2071	San Luis Obispo	31,037
California	2072	San Mateo	110,000
California	2073	Santa Cruz	100,000
California	2074	Shasta	100,000
California	2075	Siskiyou	100,000
California	2076	Solano	100,000
California	2077	Sonoma	100,000
California	2078	Stanislaus	100,000
California	2079	Sutter	100,000
California	2080	Los Angeles	200,000
California	2081	San Bernardino	100,000
California	2082	Ventura	100,000
California	2083	Orange	100,000
California	2084	Riverside	100,000
California	2085	San Diego	100,000
California	2086	Imperial	100,000
California	2087	San Luis Obispo	31,037
California	2088	San Mateo	110,000
California	2089	Santa Cruz	100,000
California	2090	Shasta	100,000
California	2091	Siskiyou	100,000
California	2092	Solano	100,000
California	2093	Sonoma	100,000
California	2094	Stanislaus	100,000
California	2095	Sutter	100,000
California	2096	Los Angeles	200,000
California	2097	San Bernardino	100,000
California	2098	Ventura	100,000
California	2099	Orange	100,000
California	2100	Riverside	100,000
California	2101	San Diego	100,000
California	2102	Imperial	100,000
California	2103	San Luis Obispo	31,037
California	2104	San Mateo	110,000
California	2105	Santa Cruz	100,000
California	2106	Shasta	100,000
California	2107	Siskiyou	100,000
California	2108	Solano	100,000
California	2109	Sonoma	100,000
California	2110	Stanislaus	100,000
California	2111	Sutter	100,000
California	2112	Los Angeles	200,000
California	2113	San Bernardino	100,000
California	2114	Ventura	100,000
California	2115	Orange	100,000
California	2116	Riverside	100,000
California	2117	San Diego	100,000
California	2118	Imperial	100,000
California	2119	San Luis Obispo	31,037
California	2120	San Mateo	110,000
California	2121	Santa Cruz	100,000
California	2122	Shasta	100,000
California	2123	Siskiyou	100,000
California	2124	Solano	100,000
California	2125	Sonoma	100,000
California	2126	Stanislaus	100,000
California	2127	Sutter	100,000
California	2128	Los Angeles	200,000
California	2129	San Bernardino	100,000
California	2130	Ventura	100,000
California	2131	Orange	100,000
California	2132	Riverside	100,000
California	2133	San Diego	100,000
California	2134	Imperial	100,000
California	2135	San Luis Obispo	31,037
California	2136	San Mateo	110,000
California	2137	Santa Cruz	100,000
California	2138	Shasta	100,000
California	2139	Siskiyou	100,000
California	2140	Solano	100,000
California	2141	Sonoma	100,000
California	2142	Stanislaus	100,000
California	2143	Sutter	100,000
California	2144	Los Angeles	200,000
California	2145	San Bernardino	100,000
California	2146	Ventura	100,000
California	2147	Orange	100,000
California	2148	Riverside	100,000
California	2149	San Diego	100,000
California	2150	Imperial	100,000
California	2151	San Luis Obispo	31,037
California	2152	San Mateo	110,000
California	2153	Santa Cruz	100,000
California	2154	Shasta	100,000
California	2155	Siskiyou	100,000
California	2156	Solano	100,000
California	2157	Sonoma	100,000
California	2158	Stanislaus	100,000
California	2159	Sutter	100,000
California	2160	Los Angeles	200,000
California	2161	San Bernardino	100,000
California	2162	Ventura	100,000
California	2163	Orange	100,000
California	2164	Riverside	100,000
California	2165	San Diego	100,000
California	2166	Imperial	100,000
California	2167	San Luis Obispo	31,037
California	2168	San Mateo	110,000
California	2169	Santa Cruz	100,000
California	2170	Shasta	100,000
California	2171	Siskiyou	100,000
California	2172	Solano	100,000
California	2173	Sonoma	100,000
California	2174	Stanislaus	100,000
California	2175	Sutter	100,000
California	2176	Los Angeles	200,000
California	2177	San Bernardino	100,000
California	2178	Ventura	100,000
California	2179	Orange	100,000
California	2180	Riverside	100,000
California	2181	San Diego	100,000
California	2182	Imperial	100,000
California	2183	San Luis Obispo	31,037
California	2184	San Mateo	110,000
California	2185	Santa Cruz	100,000
California	2186	Shasta	100,000
California	2187	Siskiyou	100,000
California	2188	Solano	100,000
California	2189	Sonoma	100,000
California	2190	Stanislaus	100,000
California	2191	Sutter	100,000
California	2192	Los Angeles	200,000
California	2193	San Bernardino	100,000
California	2194	Ventura	100,000
California	2195	Orange	100,000
California	2196	Riverside	100,000
California	2197	San Diego	100,000
California	2198	Imperial	100,000
California	2199	San Luis Obispo	31,037
California	2200	San Mateo	110,000
California	2201	Santa Cruz	100,000
California	2202	Shasta	100,000
California	2203	Siskiyou	100,000
California	2204	Solano	100,000
California	2205	Sonoma	100,000
California	2206	Stanislaus	100,000
California	2207	Sutter	100,000
California	2208	Los Angeles	200,000
California	2209	San Bernardino	100,000
California	2210	Ventura	100,000
California	2211	Orange	100,000
California	2212	Riverside	100,000
California	2213	San Diego	100,000
California	2214	Imperial	100,000
California	2215	San Luis Obispo	31,037
California	2216	San Mateo	110,000
California	2217	Santa C

Wayne	2001	Wayne	Cuyahoga/Lorain	24,950	N/A
Michigan	1003	Bay	Bay	11,000	0
Michigan	1005	Michigan	Dickinson	5,200	60
Michigan	1006	Michigan	Gogebic/Iron	12,000	N/A
Michigan	1007	Michigan	Marquette	12,000	N/A
Michigan	1008	Michigan	Calhoun	5,064	39.25
Michigan	1009	Michigan	Ottawa	20,000	45
Michigan	1087	Michigan	Genesee	15,240	N/A
Michigan	1088	Michigan	Ottawa	20,000	15.64
Michigan	1091	Michigan	Schoolcraft	5,412	38.33
Michigan	1092	Michigan	Ottawa	20,000	45
Michigan	1166	Michigan	Washtenaw	10,000	12.1
Michigan	1167	Michigan	Washtenaw	1,530	81.1
Michigan	1168	Michigan	Saginaw	6,200	N/A
Michigan	1122	Michigan	Otsego	3,675	50
Michigan	1123	Michigan	Marquette	12,000	N/A
Michigan	1125	Michigan	Marquette	4,500	13.34
Michigan	1126	Michigan	Marquette	5,000	50
Michigan	1127	Michigan	Marquette	5,000	50
Michigan	1138	Michigan	Lapeer	20,629	N/A
Michigan	1139	Michigan	Tuscola	3,000	27.27
Michigan	1167	Michigan	Kent	15,000	27.2
Michigan	1168	Michigan	Kent	20,000	45.4
Michigan	1173	Michigan	Macomb	126,000	N/A
Michigan	1174	Michigan	Macomb	15,450	N/A
Michigan	1199	Michigan	Saginaw	9,074	23.8
Michigan	1200	Michigan	Saginaw	1,530	81.1
Michigan	1201	Michigan	Saginaw	5,100	N/A
Michigan	1224	Michigan	Oakland	3,080	N/A
Michigan	1229	Michigan	Oakland	3,000	N/A
Michigan	1329	Michigan	Macomb	19,422	N/A
Michigan	1330	Michigan	Macomb	2,550	N/A
Michigan	1331	Michigan	Macomb	9,000	N/A
Michigan	1332	Michigan	Macomb	3,000	N/A
Michigan	1333	Michigan	Macomb	3,000	27.27
Michigan	1341	Michigan	Macomb	15,300	N/A
Michigan	1342	Michigan	Kent	20,000	45.4
Michigan	1357	Michigan	Jackson	30,000	43.08
Michigan	1400	Michigan	Genesee	15,000	27.2
Michigan	801	Michigan	Grand Traverse	45,000	24.2
Michigan	802	Michigan	Grand Traverse	15,000	27.2
Michigan	803	Michigan	Kent	20,000	45.4
Michigan	874	Michigan	Ionia	7,965	27.9
Michigan	890	Michigan	Ottawa	10,857	49.2
Michigan	889	Michigan	Ottawa	6,524	44.6
Michigan	890	Michigan	Ottawa	20,000	39.2
Michigan	890	Michigan	Ottawa	18,951	45
Michigan	891	Michigan	Ottawa	20,000	45.4
Michigan	892	Michigan	Kalamazoo	14,378	15.8
Michigan	891	Michigan	Kalamazoo	30,068	47.2
Michigan	892	Michigan	Wayne, Macomb	450,000	N/A
Michigan	898	Michigan	Oakland, Wayne	640,000	54.4
Michigan	900	Michigan	Wexford	7,500	N/A
Missouri	145	Missouri	Saint Francois	10,714	51
Missouri	146	Missouri	Jefferson	10,000	51
Missouri	147	Missouri	Nemaha, Mills	10,000	51
Missouri	148	Missouri	Cole, Callaway	41,153	N/A
Missouri	149	Missouri	Jasper	34,850	N/A
Missouri	196	Missouri	Clay, Platte	35,750	N/A
Missouri	197	Missouri	Cass, Jackson,Johnson	15,000	N/A
Missouri	198	Missouri	Jackson	25,000	N/A
Missouri	199	Missouri	Lafayette	10,000	N/A
Missouri	200	Missouri	Johnson, Jackson, Wyandotte	15,000	N/A
Missouri	202	Missouri	Dunklin	11,300	19.07
Missouri	203	Missouri	Clay	34,000	19.6
Missouri	205	Missouri	Saint Louis	140,112	N/A
Missouri	206	Missouri	Jefferson, Saint Louis	34,750	N/A
Missouri	286	Missouri	Vernon	8,082	43.07
Missouri	287	Missouri	Christian	10,000	N/A
Missouri	312	Missouri	Perry	10,000	N/A
Missouri	313	Missouri	Pike	6,000	51
Missouri	315	Missouri	Butler	17,000	N/A
Missouri	339	Missouri	Pettis	8,250	19.07
Missouri	380	Missouri	New Madrid, Scott	10,000	51
Missouri	380	Missouri	Greene	22,819	51.20
Missouri	400	Missouri	Lincoln	10,000	N/A
Missouri	401	Missouri	Greene	7,500	34.07
Missouri	402	Missouri	Greene	12,000	19.07
Missouri	403	Missouri	Saint Charles	10,000	N/A
Missouri	404	Missouri	Texas	12,000	51
Missouri	405	Missouri	Polk	10,000	N/A
Missouri	406	Missouri	Cass	10,000	N/A
Missouri	407	Missouri	Cass	10,000	N/A
Missouri	408	Missouri	Cass	10,000	N/A
Missouri	409	Missouri	Cass	10,000	N/A
North Carolina	185	North Carolina	Cabarrus	126,400	39.8
North Carolina	186	North Carolina	Mecklenburg	1,000,000	39.8
North Carolina	216	North Carolina	Scotland	15,527	45.5
North Carolina	217	North Carolina	Buncombe, Henderson	115,000	11
North Carolina	288	North Carolina	Catawba	45,498	59.6
North Carolina	289	North Carolina	Orange, Durham	15,000	39.8
North Carolina	304	North Carolina	Wake	30,035	29.6
North Carolina	305	North Carolina	Rockingham, Halifax	15,000	39.8
North Carolina	306	North Carolina	Orange, Durham	116,785	12.8
North Carolina	435	North Carolina	Jackson	13,296	23.75
North Carolina	436	North Carolina	Mecklenburg	56,851	39.8
North Carolina	452	North Carolina	Forsyth	170,000	29.5
North Carolina	453	North Carolina	Forsyth	120,000	29.5
North Carolina	84	North Carolina	Wake	84,591	39.8
North Carolina	85	North Carolina	Wake	84,591	39.8
North Carolina	86	North Carolina	Mecklenburg	56,851	39.8
North Carolina	87	North Carolina	Forsyth	170,000	29.5
North Carolina	88	North Carolina	Mecklenburg	120,000	12
Nebraska	1201	Nebraska	York	8,000	45
Nebraska	1202	Nebraska	Nemaha	10,000	51
Nebraska	1203	Nebraska	Dawes	3,561	19.8
Nebraska	1204	Nebraska	Dawes	3,561	19.8
Nebraska	1205	Nebraska	Buffalo	10,000	51
Nebraska	1207	Nebraska	Lancaster	100,000	51.2
Nebraska	1208	Nebraska	Lancaster	100,000	51.4
Nebraska	926	Nebraska	Wayne	3,500	N/A
New Mexico	1240	New Mexico	Otero, Eddy	32,127	N/A
New Mexico	1419	New Mexico	San Juan	45,000	N/A
New York	1011	New York	Erie	15,000	19.8
New York	1012	New York	Erie	15,000	19.8
New York	1013	New York	Erie	15,131	20.6
New York	1014	New York	Erie	14,765	20.6
New York	1022	New York	Schenectady	78,444	42.8
New York	1023	New York	Columbia	5,274	19.8
New York	1064	New York	Suffolk	24,147	N/A
New York	1065	New York	Essex	15,000	19.8
New York	1068	New York	Tompkins	56,987	34.4
New York	1069	New York	Suffolk	24,147	N/A
New York	1070	New York	Albany	100,000	51.2
New York	1156	New York	Suffolk	7,741	N/A
New York	1171	New York	Schoharie	5,026	39
New York	123	New York	Steuben	10,635	N/A
New York	124	New York	Franklin	10,000	51.2
New York	125	New York	Chemung	18,037	42.07
New York	126	New York	Chemung	18,037	42.07
New York	1459	New York	Rockland	4,115	20.07
New York	1460	New York	Orange	28,914	25.05
New York	1484	New York	Westchester	50,000	20.6
New York	1486	New York	Westchester	46,001	21.4
New York	1487	New York	Westchester	31,046	20
New York	1504	New York	Sullivan	5,059	N/A
New York	1505	New York	Sullivan	5,059	N/A
New York	1506	New York	Orange	2,926	13.25
New York	1507	New York	Dutchess	27,516	33.05
New York	1821	New York	Dutchess	14,826	20.07
New York	1964	New York	Saint Lawrence	22,552	35.75
New York	1965	New York	Saint Lawrence	14,875	34.2
New York	1855	New York	Albany	31,021	42.05
New York	1856	New York	Albany	100,000	51.2
New York	2006	New York	Livingston	5,341	20.07
New York	2007	New York	Wayne	5,145	new site
New York	2008	New York	Nassau	24,147	N/A
New York	477	New York	Essex	3,075	45
New York	490	New York	Delaware	7,241	43.07
New York	515	New York	Madison	4,843	N/A
New York	516	New York	Madison	4,843	N/A
New York	517	New York	Chenango	27,434	20.6
New York	524	New York	Orange	36,227	14.2
New York	525	New York	Orange	6,044	11.2
New York	531	New York	Jefferson	4,077	39.07
New York	532	New York	Monroe	20,074	39.2
New York	699	New York	Tompkins	5,770	34.33
New York	700	New York	Tompkins	5,770	34.33
New York	176	New York	Ontario	15,000	20.2
New York	177	New York	Rensselaer	19,000	27.5
New York	178	New York	Saratoga	15,000	27.2
New York	725	New York	Seneca	6,961	10.07
New York	726	New York	Orleans	20,000	35.25
New York	850	New York	Warren	23,462	34.8
New York	851	New York	Saint Lawrence	14,875	34.2
New York	958	New York	Cayuga	15,000	27.2
New York	959	New York	Cayuga	15,000	27.2
Ohio	147	Ohio	Montgomery	226,728	39
Ohio	146	Ohio	Lorain	34,930	16
Ohio	151	Ohio	Cuyahoga	25,000	39.2
Ohio	1805	Ohio	Huron	5,215	73.6
Ohio	1806	Ohio	Lawrence	15,000	39.2
Ohio	234	Ohio	Lorain	35,000	new site
Ohio	235	Ohio	Lorain	8,500	17
Ohio	236	Ohio	Hancock	24,900	17
Ohio	239	Ohio	Richland	10,000	47.2
Ohio	240	Ohio	Washington	15,264	17.9
Ohio	273	Ohio	Hamilton	125,247	27.2
Ohio	274	Ohio	Henry	7,500	17.2
Ohio	291	Ohio	Huron	17,000	37.2
Ohio	292	Ohio	Lorain	15,000	39.2
Ohio	293	Ohio	Butler	20,000	35
Ohio	309	Ohio	Licking	3,300	44.9
Ohio	310	Ohio	Licking	3,300	44.9
Ohio	326	Ohio	Scioto	20,366	19.4
Ohio	36	Ohio	Summit	177,978	47.8
Ohio	395	Ohio	Hamilton	60,004	39.6
Ohio	396	Ohio	Hamilton	60,004	39.6
Ohio	397	Ohio	Wyandot	4,100	19.2
Ohio	440	Ohio	Washington	17,000	25.4
Ohio	441	Ohio	Licking	8,100	35.4
Ohio	75	Ohio	Stark	85,000	59.6
Ohio	76	Ohio	Mercer	6,000	7.6
Oregon	934	Oregon	Benton	58,804	37
Oregon	935	Oregon	Lane	15,000	37
Oregon	939	Oregon	Lane	8,925	35
Oregon	940	Oregon	Deschutes	32,235	N/A
Oregon	941	Oregon	Washington	50,000	37
Oregon	945	Oregon	Washington	45,000	39.4
Oregon	946	Oregon	Multnomah	343,200	40
Oregon	949	Oregon	Washington	40,000	46.2
Oregon	950	Oregon	Washington	40,000	46.2
Oregon	951	Oregon	Yamhill	34,000	48.2
Oregon	952	Oregon	Yamhill	34,015	22.2
Oregon	953	Oregon	Umatilla	17,000	35
Oregon	961	Oregon	Marion	220,000	N/A
Oregon	962	Oregon	Marion	220,000	N/A
Oregon	967	Oregon	Marion	18,849	N/A
Oregon	968	Oregon	Marion	18,849	N/A
Pennsylvania	1352	Pennsylvania	Northampton	30,000	27
Pennsylvania	1358	Pennsylvania	Cumberland	25,000	12
Pennsylvania	1362	Pennsylvania	Franklin	200,000	42.8
Pennsylvania	1363	Pennsylvania	Franklin	67,500	N/A
Pennsylvania	1364	Pennsylvania	Cumberland	25,000	12
Pennsylvania	1553	Pennsylvania	Wilkes-Barre	18,194	23.86
Pennsylvania	1554	Pennsylvania	Wilkes-Barre	18,194	23.86
Pennsylvania	1574	Pennsylvania	Luzerne/Lackawanna	150,000	23.86
Pennsylvania	1575	Pennsylvania	Lackawanna	15,750	13.9
Pennsylvania	1576	Pennsylvania	Luzerne	19,000	23
Pennsylvania	1809	Pennsylvania	Chester	13,930	12.86
South Carolina	876	South Carolina	Aiken, Beaufort	30,000	new site
South Carolina	877	South Carolina	Kershaw	8,825	46.75
South Carolina	878	South Carolina	Aiken, Beaufort	30,000	new site
South Carolina	879	South Carolina	Aiken	30,000	new site
South Carolina	880	South Carolina	Greenville	145,531	39.8
South Carolina	881	South Carolina	Georgetown	30,000	39.8
South Carolina	908	South Carolina	Richland	60,000	22
South Carolina	909	South Carolina	Aiken	195,000	38
Texas	128	Texas	Houston	16,030	44
Texas	129	Texas	Hidalgo	7,000	51
Texas	130	Texas	Harris	9,000	51
Texas	180	Texas	Harris	15,000	46.07
Texas	184	Texas	Robertson	150,000	49.08
Texas	207	Texas	Harris, Montgomery	52,000	24
Texas	285	Texas	Harris	35,101	42.07
Texas	286	Texas	Harris	19,867	N/A
Texas	294	Texas	Harris	70,648	47.8
Texas	297	Texas	Harris	5,997	23
Texas	298	Texas	Harris	5,997	23
Texas	299	Texas	Harris	108,416	41.28
Texas	307	Texas	Harris	130,414	53.07
Texas	406	Texas	Harris	33,146	24.07
Texas	45	Texas	Harris	117,568	23.67
Texas	46	Texas	Harris	33,645	17
Texas	439	Texas	Harris	85,129	23.67
Texas	440	Texas	Harris	85,129	23.67
Texas	53	Texas	Harris	9,000	45
Texas	57	Texas	Harris	27,259	N/A
Utah	10	Utah	Carbon	5,000	27.4
Utah	11	Utah	Salt Lake	49,507	61
Utah	12	Utah	Salt Lake	49,507	61
Utah	13	Utah	Carbon	18,000	59.4
Utah	14	Utah	Salt Lake, Tooele	20,000	61
Utah	15	Utah	Weber, Davis	238,700	45.8
Utah	16	Utah	Utah	150,424	11.6
Utah	17	Utah	Carbon	17,012	34.2
Utah	21	Utah	Utah	21,231	37
Utah	22	Utah	Duchesne	6,796	45.2
Utah	23	Utah	Summit	24,551	71
Utah	24	Utah	Utah	21,231	37
Utah	30	Utah	Utah	15,012	60.1
Utah	31	Utah	Salt Lake	209,645	52
Utah	32	Utah	Utah	23,013	59
Utah	33	Utah	Utah	250,112	43.6
Utah	34	Utah	Iron	32,451	21.8
Utah	3	Utah	Davis, Weber	200,810	51
Virginia	1174	Virginia	Fairfax	20,000	39.2
Virginia	1175	Virginia	Loudoun	20,000	39.2
Virginia	1176	Virginia	Chesapeake City, Norfolk City, Virginia Beach City	200,000	12.07
Virginia	118	Virginia	Virginia Beach City, Chesapeake City, Hampton City	150,000	12.07
Virginia	181	Virginia	Williamsburg City, Newport News City, York, New Kent, James City	10,059	20.07
Virginia	1924	Virginia	Wise	14,000	19.6
Virginia	1925	Virginia	Wise, Lee	14,000	19.6
Virginia	1926	Virginia	Anthony, Campbell, Bedford	30,000	19.6
Virginia	1931	Virginia	Rockingham, Harrisonburg City	81,000	45.6
Virginia	1932	Virginia	Rockingham, Fauquier, Madison	81,000	45.6
Virginia	1934	Virginia	Roanoke, Roanoke City, Salem, Botetourt	300,000	19.6
Virginia	19	Virginia	Russell	30,000	new site
Virginia	2005	Virginia	Hampton City, Newport News City	150,000	new site
Virginia	2006	Virginia	Hampton City, Newport News City, Poquoson City, Mathews	150,000	12.07
Virginia	38	Virginia	Alexandria City, Fairfax	300,000	39.2
Virginia	39	Virginia	Alexandria City, Fairfax	300,000	new site
Virginia	40	Virginia	Hampton City	52,500	19.6
Virginia	41	Virginia	Hampton City	52,500	19.6
Washington	1246	Washington	Pierce	60,000	24.06
Washington	1247	Washington	Pierce	200,455	37.4
Washington	1248	Washington	Yakima	17,010	50
Washington	755	Washington	Benton	15,000	56
Washington	756	Washington	Benton	15,000	56
Washington	760	Washington	Spokane	120,000	41
Washington	761	Washington	Spokane	120,000	41
Wisconsin	1120	Wisconsin	Waukesha	12,000	52.75
Wisconsin	1121	Wisconsin	Waukesha	12,000	52.75
Wisconsin	1122	Wisconsin	Brown, Kewaunee	100,000	60.5
Wisconsin	1125	Wisconsin	Washington, Dodge	17,500	26.07
Wisconsin	1126	Wisconsin	Waukesha	36,000	52.75
Wisconsin	1127	Wisconsin	Rock	50,000	49.2
Wisconsin	1128	Wisconsin	Kenosha	12,000	52.75
Wisconsin	1129	Wisconsin	Racine	12,000	52.75
Wisconsin	1130	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1131	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1132	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1133	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1134	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1135	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1136	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1137	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1138	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1139	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1140	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1141	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1142	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1143	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1144	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1145	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1146	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1147	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1148	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1149	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1150	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1151	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1152	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1153	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1154	Wisconsin	Sheboygan	12,000	52.75
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Wisconsin	1156	Wisconsin	Sheboygan	12,000	52.75
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Wisconsin	1158	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1159	Wisconsin	Sheboygan	12,000	52.75
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Wisconsin	1167	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1168	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1169	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1170	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1171	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1172	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1173	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1174	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1175	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1176	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1177	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1178	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1179	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1180	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1181	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1182	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1183	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1184	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1185	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1186	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1187	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1188	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1189	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1190	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1191	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1192	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1193	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1194	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1195	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1196	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1197	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1198	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1199	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1200	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1201	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1202	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1203	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1204	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1205	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1206	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1207	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1208	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1209	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1210	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1211	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1212	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1213	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1214	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1215	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1216	Wisconsin	Sheboygan	12,000	52.75
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Wisconsin	1221	Wisconsin	Sheboygan	12,000	52.75
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Wisconsin	1226	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1227	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1228	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1229	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1230	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1231	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1232	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1233	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1234	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1235	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1236	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1237	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1238	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1239	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1240	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1241	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1242	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1243	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1244	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1245	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1246	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1247	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1248	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1249	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1250	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1251	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1252	Wisconsin	Sheboygan	12,000	52.75
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Wisconsin	1271	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1272	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1273	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1274	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1275	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1276	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1277	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1278	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1279	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1280	Wisconsin	Sheboygan	12,000	52.75
Wisconsin	1281

number of samples collected for the site during the 15-day period and multiplying by 100.
- Sites with at least one sample and no SARS-CoV-2 viral detections over the past 15 days are listed as “Non-detects” and are shown on the map as hollow circles with a black outline.
- Sites with no samples for the current 15-day period are listed as “No recent data” and colored gray on the map.

SARS-CoV-2 concentrations in wastewater over time

- When a site is selected, a smoothed, spline fit SARS-CoV-2 concentration line is shown for the last 4 months, as data are available. The smoothed SARS-CoV-2 concentration line shows how SARS-CoV-2 concentrations in wastewater at a sampling site have changed over the last 4 months.
- At least 4 samples are required to produce the smoothed SARS-CoV-2 concentration line. If a major change in laboratory methods is reported, only data since the new laboratory method was reported are shown. Sites labeled as ‘New sites’ in the current virus levels in wastewater metric should be viewed with caution since they have only a few samples to generate their trends lines.

Category change in the last 7 days

- This metric shows the change in the number of sites (represented as a percent) that are in a specific metric category (for example, the 15-day percent change category of 1000% or more) compared to the previous 7 days. In other words, it shows how many sites have been added or removed from the metric category in the past week. It is calculated by subtracting the current number of sites in each metric category from the number of sites in the same category 7 days earlier and dividing by the number of sites in the same category 7 days earlier.
- **If a metric category had no sites in it 7 days earlier, the category change in the last 7 days is listed as "N/A**" since you cannot divide by 0.

County-level data

- Data are presented by sewershed (the geographic area contributing wastewater to a sampling location). Sampling locations may be at wastewater treatment plants or upstream in the sewage network. Sewersheds may cross county or state boundaries. This means multiple sewersheds may serve a single county, and a single sewershed may serve multiple counties. Sewersheds are referred to as “sites” on the map.

Sewershed locations

- Data are plotted in the ZIP code of the sampling location, so points on the map do not correspond exactly to sampling locations.
- All counties represented by a sampling location are highlighted when the sampling location point is selected.
- The District of Columbia (DC) and New York City (NYC) are shown separately on the map to denote sampling locations within DC and NYC. In the "State or Territory" dropdown menu, select "District of Columbia" or “New York City” to zoom to points reported within that jurisdiction. Please note some DC sampling locations may receive wastewater from parts of counties in Virginia or Maryland and some NYC sampling locations may receive wastewater from parts of counties in surrounding states.

Data subject to change

- Wastewater disease surveillance data presented are the best available data and are subject to change. These data may be incomplete for the most recent 15-day period due to processing and reporting delays. All data are provisional.

May 2022 Coverage Limitations

- Beginning April 15, 2022, approximately 150 wastewater sites in 29 states began transitioning to a new wastewater testing provider. During this transition, these sites will not have recent data displayed and will be colored gray on the map. It will take several weeks for enough data to be collected to calculate the metrics displayed on this page. Results for these sites are expected to be available again between mid-May and June 2022.

Data not shown

- Data from sewersheds that serve fewer than 3,000 people.
- Data from sewersheds where population estimates are missing.
- Data from facility or institution-specific sampling locations.
- Wastewater treatment plant names and the names of upstream sampling sites are made anonymous using a consistent, arbitrary number.
- Approximately 20% of US households are on septic systems; the exact percent varies by location. These systems do not connect to wastewater treatment plants where sampling often occurs. Therefore, households on septic systems are not represented in the data.
- Data from sewersheds currently being monitored but not submitted by health departments to CDC. Certain communities collect wastewater samples but do not submit their data to CDC.
- Data from sewersheds may not be presented if there are data quality issues.

Data source

- Data displayed are derived from two sources:
- Data are submitted to CDC by state, tribal, local, and territorial (STLT) health departments participating in the National Wastewater Surveillance System. Participation is voluntary, so not all jurisdictions are reporting to CDC.
- Data are reported through a CDC-managed contract for commercial testing, which is intended to supplement the geographic coverage of the STLT wastewater surveillance programs.

Laboratory methods

- SARS-CoV-2 concentrations in wastewater are measured using reverse transcription quantitative polymerase chain reaction (RT-qPCR) or reverse transcription digital polymerase chain reaction (RT-dPCR). Laboratory processing and quantification methods may vary between sampling sites or, less commonly, within a sampling site over time. Since SARS-CoV-2 concentration estimates may differ across these lab methods, concentration values should not be compared across sampling locations. Instead, percent change in SARS-CoV-2 concentrations and current levels compared to past levels at the same site are provided. These metrics are more comparable across lab methods. When testing a sample, SARS-CoV-2 is considered detected when any PCR replicates for the sample were positive. Positive is defined for RT-qPCR as a Ct value less than 40 and for RT-ddPCR as 3 or more positive droplets/partitions. Learn more on the Wastewater Surveillance Testing Methods page.

Data download

- These data can be downloaded from data.cdc.gov: NWSS Public SARS-CoV-2 Wastewater Metric Data and NWSS Public SARS-CoV-2 Concentration in Wastewater Data
- The data dictionary for these data (Public Analytics Data Dictionary) is also available.
- To request detailed wastewater data, including a full-time history of raw concentrations, email nwss@cdc.gov with the subject line ‘NWSS public data request.’ You will be required to sign a data use agreement.

Wondering what all the data mean?

CDC’s COVID-Data Tracker Weekly Review helps you stay up to date on interpretation of key data and trends.

How does wastewater surveillance work?

Wastewater data can show changes in disease trends 4 to 6 days before those changes in trends are seen in clinical cases, and a single wastewater sample captures the infection status of thousands to millions of individuals. Learn more: National Wastewater Surveillance System (NWSS).

If it looks like virus levels in wastewater are rising in my community, what should I do?

Check your county’s COVID-19 Community Level and follow the recommended prevention steps.
Public health officials watch for sustained increasing levels of the virus in wastewater and use these data to inform public health decisions. State and local health officials track a variety of data and put this information together to understand the local COVID-19 situation and decide how to best respond.

How do I build NWSS in my community?

Wastewater-based disease surveillance is an exciting new tool to help communities monitor their health. Find information on what to consider when implementing a wastewater-based disease surveillance system.

Is there wastewater sampling in my community?

New sampling sites are being added over time as health departments begin sampling and reporting wastewater surveillance data. Some communities not represented on this dashboard may be conducting wastewater surveillance. If you would like to know if wastewater surveillance is happening in your community, contact your health department or local government. At this time, CDC does not release the names of the wastewater treatment plants or zip codes where sampling sites are located. However, information on the counties served by the wastewater sampling sites is provided.

Cite COVID Data Tracker

Centers for Disease Control and Prevention. COVID Data Tracker. Atlanta, GA: US Department of Health and Human Services, CDC; 2023, March 29. https://covid.cdc.gov/covid-data-tracker

COVID-19 Home >

All COVID-19 topics including prevention, travel, work, and school