



COVID Data Tracker

Maps, charts, and data provided by CDC, updates Mondays and Fridays by 8 p.m. ET

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Wastewater data from some Minnesota sites is temporarily unavailable from the week ending on 1/6/24 to the week ending on 2/3/24. Data for this time period is expected to be updated during the week ending on 2/17/24. Testing has resumed for commercial contract wastewater sites (about 350 sites) that have had a temporary delay since September 15, 2023. Site-level data will be available two weeks after a site resumes testing.

United States At a Glance	Trend in % Test Positivity	-1.3% in most recent week	Trend in % Emergency Department Visits	-12.4% in most recent week	Trend in Hospital Admissions	-5.7% in most recent week	Trend in % COVID-19 Deaths	-11.1% in most recent week
	Total Hospitalizations 6,834,006		Total Deaths 1,180,042					

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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 an early warning of COVID-19's spread in communities. For 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 interprets these data and presents them in the COVID Data Tracker and on the [NWSS page](#). How often sites collect wastewater samples and how frequently data are reported to CDC varies by health department.

Wastewater data are meant to be used with other COVID-19 surveillance data to better understand COVID-19's spread in a community.

- Learn more about wastewater data by exploring each of the charts and maps on this page.
- To see a map of which SARS-CoV-2 variant is the most dominant at each wastewater sampling site, see [CDC COVID Data Tracker: Summary of Variant Surveillance](#).
- To see state and territory trends in wastewater COVID-19, see [COVID-19 Wastewater Data – State & Territory Trend](#).
- To see a map of COVID-19 current wastewater viral activity levels, see [COVID-19 Wastewater Data – Current Levels](#).

[View information about the data and download the data.](#)

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Maps, charts, and data provided by CDC, updates Friday by 8pm ET[†]. This represents all wastewater data submitted directly to CDC's NWSS DCIPHER platform, with the exceptions

described in the [About the Data section](#) below. 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 is voluntary, and wastewater samples are collected from sewer systems so communities that rely primarily on septic systems are not represented. In addition, some sites that submit data to NWSS are not represented on the map due to various factors, such as small population size or having facility-specific sampling.

[View Footnotes and Download Data](#)

Wastewater COVID-19 National Trend

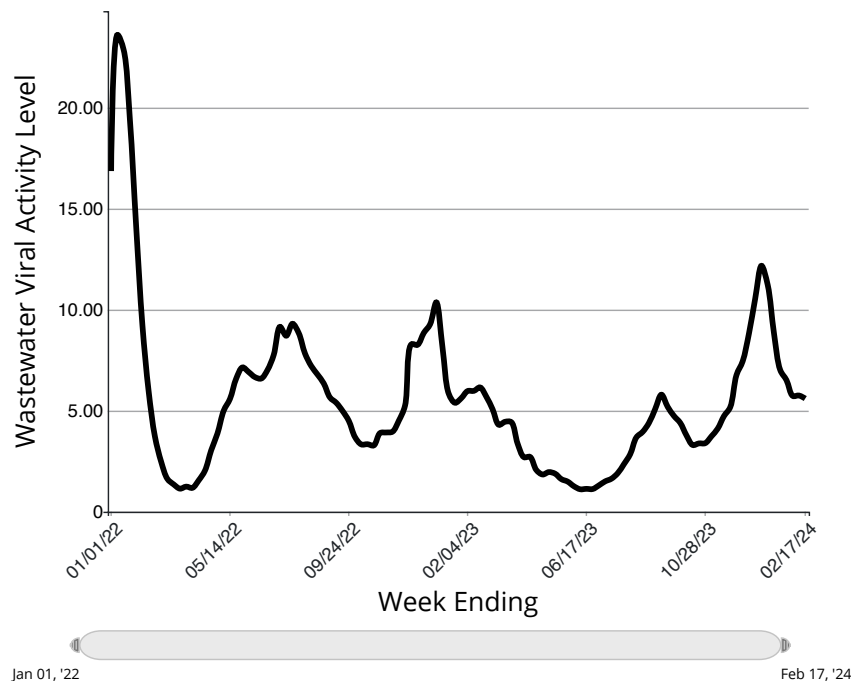
This chart shows national trends of SARS-COV-2 viral activity levels in wastewater.



Nationally, the wastewater viral activity level for COVID-19 is currently **high**.



COVID-19 Wastewater Viral Activity Level Over Time, United States



[Download Chart](#)

[Learn more about the wastewater viral activity level.](#)

Wastewater Metric Map

State or territory:

County:

[Reset Selections](#)

Time Period: Feb 05, 2024 – Feb 19, 2024

 Major Cities On

 Major Cities Off

Metric:

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

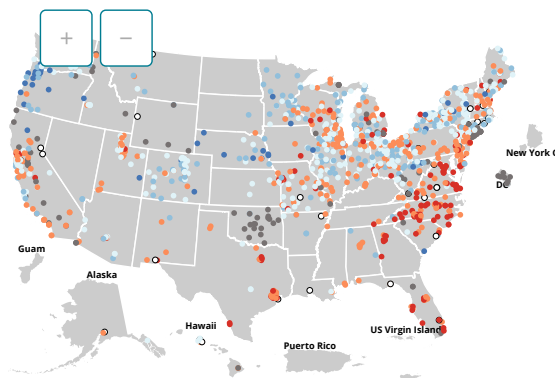
Show:

- Sites with no recent data
- Sites that started sampling after 12/1/21

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 historical levels at the same site. 0% means levels are the lowest they have been at the site; 100% means levels are the highest they have been at the site. Public health officials watch for increasing levels of the virus in wastewater over time and use these data to help make public health decisions.

⚠ Note: Sites began collecting data at different times. Sites that began reporting wastewater data after December 1, 2021 are not comparable to sites that started reporting data on or before December 1, 2021. The data history for these new sites is not long enough to reflect the same surges as the other sites.



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

Current virus levels category	Num. sites	% sites	Category change in last 7 days
New Site	29	2	4%
0% to 19%	55	4	-7%
20% to 39%	236	19	0%

40% to 59% 377 30 - 6%

60% to 79% 402 32 0%

80% to 100% 146 12 - 9%

Total sites with current data: 1245

Total number of wastewater sampling sites: 1351

[How is the current SARS-CoV-2 level compared to past levels calculated?](#)

Select legend categories to filter points on the map.

- New site
- 0% to 19%
- 20% to 39%
- 40% to 59%
- 60% to 79%
- 80% to 100%
- No recent data

[Download Map](#)

Data Downloads and Footnotes

Expand each accordion to view data table and download data

[View Historic Wastewater Data](#)

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

CDC | Data as of: Monday, February 26, 2024 2:37 PM ET. Posted: Monday, February 26, 2024 3:30 PM ET

[Download Data](#)

Jurisdiction	Sewershed ID	Reporting Jurisdiction	County	Population Served	Current Virus Levels (in %)
New York	1151	New York	Oneida	27,849	57
New York	1400	New York	Broome	52,501	50.8
New York	1401	New York	Rockland	36,527	62.6
New York	1483	New York	Westchester	26,651	50.75
New York	1489	New York	Westchester	523,765	39.4
New York	1936	New York	Clinton	5,532	27.67
New York	1938	New York	Suffolk	6,280	N/A
New York	1939	New York	Suffolk	28,183	N/A
New York	2004	New York	Oswego	12,117	66.33
New York	2172	New York	Albany	109,426	45
New York	2173	New York	Albany	80,922	35.33

New York	2174	New York	Onondaga	16,168	21
New York	2175	New York	Tompkins	9,770	35
New York	2191	New York	Orange	42,921	55.25
New York	2192	New York	Oswego	8,849	57.8
New York	2193	New York	Dutchess	21,516	42.33
New York	2198	New York	Madison	3,317	42.33
New York	2285	New York	Chautauqua	9,379	48.33
New York	512	New York	Cayuga	31,814	59.2
New York	516	New York	Madison	4,908	64.33
New York	517	New York	Livingston	4,730	36
New York	518	New York	Steuben	5,162	35.2
New York	520	New York	Onondaga	39,352	12.67
New York	521	New York	Onondaga	242,377	15
New York	527	New York	Madison	9,207	22.5
New York	52	New York	Steuben	5,941	33.75
New York	692	New York	Saint Lawrence	10,794	32.4
New York	717	New York	Montgomery	19,679	32.6
New York	738	New York	Putnam	4,480	50
Ohio	101	Ohio	Preble	8,400	39.67
Ohio	108	Ohio	Erie	55,000	46.2
Ohio	121	Ohio	Ashtabula	12,000	61.6
Ohio	124	Ohio	Coshocton	12,000	39.8
New York	1097	New York	Dutchess	38,207	59
New York	1012	New York	Erie	83,961	27.6
New York	1011	New York	Cattaraugus	17,760	0
New York	1006	New York	Chautauqua	32,501	21.67
New York	1000	New York	Erie	17,983	40.33
New Jersey	788	New Jersey	Hudson, Bergen, Passaic, Essex	1,500,000	N/A
New Jersey	2378	New Jersey	Sussex	7,751	52.6
New Hampshire	2091	New Hampshire	Hillsborough	26,632	new site
New Hampshire	2086	New Hampshire	Strafford	14,638	86
New Hampshire	2084	New Hampshire	Coos	10,000	83
Nebraska	924	Nebraska	Scotts Bluff	15,932	16.5
Nebraska	923	Nebraska	Douglas, Sarpy	600,000	3.5
Nebraska	921	Nebraska	Douglas	200,000	11.5
Nebraska	919	Nebraska	Adams	24,692	42.75
Nebraska	917	Nebraska	Dodge	28,000	8
Nebraska	916	Nebraska	Platte	23,000	31.33
North Carolina	451	North Carolina	New Hanover	67,743	83
North Carolina	335	North Carolina	Wake	7,776	73.4
North Carolina	332	North Carolina	Wake	550,000	83
North Carolina	2018	North Carolina	Gaston	68,700	72.6

North Carolina	2016	North Carolina	Catawba	24,841	76.4
North Carolina	2014	North Carolina	Gaston	28,940	87
North Carolina	167	North Carolina	Pitt	89,616	87
Montana	976	Montana	Lewis And Clark	2,273	69
Montana	1310	Montana	Gallatin	50,000	42.67
Missouri	82	Missouri	Carroll	3,784	44.5
Missouri	81	Missouri	Cape Girardeau, Scott	33,540	73.33
Missouri	64	Missouri	Saint Francois	7,165	68
Missouri	423	Missouri	Johnson	11,883	58.5
Missouri	306	Missouri	Franklin, Saint Louis	7,001	N/A
Missouri	279	Missouri	Newton	12,000	27.67
Missouri	269	Missouri	Saint Louis, Jefferson	66,738	48.67
Missouri	267	Missouri	Saint Louis	115,895	46.33
Missouri	264	Missouri	Saint Louis City, Saint Louis	306,647	58
Missouri	259	Missouri	Lawrence, Barry	9,100	89.5
Missouri	240	Missouri	Webster	8,000	42
Missouri	199	Missouri	Clay, Platte	12,855	76
Missouri	156	Missouri	Madison	4,000	47.5
Missouri	133	Missouri	Saint Charles	47,758	79
Missouri	114	Missouri	Henry	9,118	69.5
Minnesota	2255	Minnesota	Washington	27,857	47.25
Minnesota	2254	Minnesota	Sherburne, Benton, Stearns	71,945	24
Minnesota	2251	Minnesota	Rice, Dakota	22,126	26
Minnesota	2250	Minnesota	Chisago	11,442	39.2
Minnesota	2244	Minnesota	Morrison	9,119	20.8
Minnesota	2236	Minnesota	Dakota	153,791	33.5
Minnesota	2228	Minnesota	Beltrami	16,363	25
Minnesota	1108	Minnesota	Dakota, Hennepin, Scott	254,932	27.5
Michigan	897	Michigan	Macomb, Oakland	1,482,000	82.8
Michigan	891	Michigan	Kalamazoo	194,170	54
Michigan	891	Michigan	Kalamazoo	31,189	67.4
Michigan	891	Michigan	Kalamazoo	11,246	50.2
Michigan	891	Michigan	Kalamazoo	3,416	33.4
Michigan	891	Michigan	Kalamazoo	9,709	74
Michigan	889	Michigan	Ottawa	11,057	0
Michigan	888	Michigan	Calhoun	70,000	37.4
Michigan	2046	Michigan	Eaton	32,000	34
Michigan	1952	Michigan	Baraga	8,320	60.67
Michigan	1729	Michigan	Wayne	23,500	N/A

Michigan	1729	Michigan	Wayne	3,500	N/A
Michigan	1627	Michigan	Gogebic	6,500	76
Michigan	1597	Michigan	Mecosta	21,000	23
Michigan	1214	Michigan	Kent	40,000	33
Michigan	1125	Michigan	Marquette	3,500	N/A
Michigan	1105	Michigan	Menominee	3,842	36.67
Michigan	1096	Michigan	Muskegon	28,000	61.33
Michigan	1096	Michigan	Muskegon	5,000	26
Michigan	1093	Michigan	Mackinac	3,460	21.67
Michigan	1089	Michigan	Chippewa	6,546	27.33
Michigan	1036	Michigan	Allegan	5,500	24
Maine	2002	Maine	York	15,000	64.6
Maine	2001	Maine	Cumberland	24,000	new site
Maine	1989	Maine	Cumberland	15,000	72.6
Massachusetts	2471	Massachusetts	Suffolk	14,962	63
Massachusetts	2471	Massachusetts	Suffolk	4,243	76.75
Kansas	2467	Kansas	Johnson	150,442	42.8
Indiana	765	Indiana	Monroe	28,350	55.6
Indiana	2388	Indiana	Howard	45,000	23
Indiana	2387	Indiana	Allen	315,000	44.6
Indiana	2372	Indiana	Kosciusko	21,600	54.8
Indiana	2340	Indiana	Lake	28,000	67.8
Indiana	2336	Indiana	Delaware	67,000	32.6
Indiana	1456	Indiana	Clark	21,000	74.4
Illinois	984	Illinois	Du Page	18,800	74.4
Illinois	983	Illinois	Mchenry	15,947	62.6
Illinois	675	Chicago	Cook	467,536	46.2
Illinois	675	Chicago	Cook	77,799	55
Illinois	674	Chicago	Cook	54,362	21.4
Illinois	652	Illinois	Shelby	5,329	39.4
Illinois	650	Illinois	Adams	50,695	56
Illinois	649	Illinois	Bureau	7,555	26
Illinois	639	Illinois	Cook	1,127,736	34.86
Illinois	637	Illinois	Cook	13,098	76.71
Illinois	635	Chicago	Cook	23,475	37
Illinois	618	Illinois	Mchenry	4,288	49.2
Illinois	604	Illinois	Cass	5,446	61.8
Illinois	2379	Illinois	Mclean	44,238	42.25
Illinois	1944	Illinois	Sangamon	50,000	71.75
Illinois	1849	Illinois	Mchenry	10,240	68.4
Illinois	1848	Illinois	Du Page	83,772	58.5
Illinois	1609	Illinois	Du Page	45,000	54.6
Illinois	1586	Illinois	Mchenry	15,360	78.2
Illinois	1326	Illinois	Saint Clair	85,593	56.4

Illinois	1316	Illinois	Will	50,458	70.2
Illinois	1247	Illinois	Lake	80,000	42.25
Illinois	1100	Illinois	Du Page	40,438	59.4
Idaho	992	Idaho	Ada	167,500	48.5
Idaho	1915	Idaho	Nez Perce	35,000	N/A
Idaho	1129	Idaho	Kootenai	31,100	N/A
Idaho	1066	Idaho	Bonneville	60,000	N/A
Florida	671	Florida	Orange	463,672	68.75
Florida	670	Florida	Orange	59,587	100
Florida	511	Florida	Pinellas	103,000	62.2
Florida	2422	Florida	Pinellas	220,000	52.75
Florida	1551	Florida	Palm Beach	300,000	71.6
Florida	1502	Florida	Alachua	100,000	N/A
Delaware	1184	Delaware	Kent	130,000	77.75
District of Columbia	2058	District of Columbia	District Of Columbia	37,264	N/A
District of Columbia	2058	District of Columbia	District Of Columbia	51,304	N/A
District of Columbia	2058	District of Columbia	District Of Columbia	15,099	N/A
Connecticut	771	Connecticut	Fairfield	140,000	44
Colorado	657	Colorado	Summit	28,571	22.6
Colorado	576	Colorado	Routt	43,741	54
Colorado	556	Colorado	Morgan	12,000	30.4
Colorado	47	Colorado	Pitkin	5,500	45.2
Colorado	396	Colorado	San Miguel	15,000	46.4
Colorado	329	Colorado	Pueblo	96,514	65.8
Colorado	252	Colorado	Denver	709,904	35.25
Colorado	227	Colorado	Larimer	66,428	52.4
Colorado	226	Colorado	Boulder	17,600	24.4
Colorado	2103	Colorado	Montezuma	11,214	47.6
Colorado	1818	Colorado	Boulder	31,429	60.5
Colorado	1748	Colorado	Delta	6,857	44.6
Colorado	1451	Colorado	Chaffee	19,286	32.8
Colorado	142	Colorado	Larimer	5,818	15.6
California	363	California	San Francisco, San Mateo	750,000	37.14
California	363	California	San Francisco, San Mateo	66,446	62.57
California	363	California	San Francisco	9,923	48.29
California	356	California	San Bernardino	325,000	63.83
California	299	California	Orange	1,800,000	N/A
California	2397	California	Shasta	60,000	9
California	2370	California	San Luis Obispo	47,545	N/A
California	2361	California	Humboldt	45,000	N/A
California	2063	California	San Joaquin	67,021	N/A

California	2059	California	San Joaquin	83,498	N/A
California	1188	California	Ventura	250,000	69.29
Arizona	715	Arizona	Pima	397,407	51.6
Arizona	501	Arizona	La Paz	3,500	54.75
Arizona	1212	Arizona	Maricopa	6,500	84.5
Virginia	2483	Virginia	Petersburg City	33,458	40
Texas	2527	Texas	Travis	539,116	54.6
South Dakota	2630	South Dakota	Beadle	14,000	22
Nevada	2592	Nevada	Clark	2,000,000	20
New Mexico	2492	New Mexico	Santa Fe	87,000	37.8
North Carolina	2641	North Carolina	Jackson, Swain	10,000	33.2
North Carolina	2565	North Carolina	Watauga	26,000	68.6
Maine	2511	Maine	York	16,000	41.2
Maryland	2518	Maryland	Washington	90,000	23.75
Massachusetts	2539	Massachusetts	Middlesex	228,285	30
Louisiana	2643	Louisiana	Lafayette	20,000	new site
Hawaii	2647	Hawaii	Honolulu	19,000	new site
Florida	2593	Florida	Orange	463,672	50
Florida	2587	Florida	Seminole, Orange	95,000	53.4
Florida	2503	Florida	Escambia	207,000	70.75
California	834	California	Riverside	91,980	14.75
California	2537	California	Santa Cruz, Monterey	60,000	51.8
California	2520	California	San Luis Obispo	14,465	48.6
California	2490	California	Ventura, Los Angeles	75,000	11
Arkansas	2507	Arkansas	Benton	19,000	42
Alaska	2633	Alaska	Anchorage	23,000	new site
Alaska	2517	Alaska	Juneau	22,000	47.43
Ohio	131	Ohio	Tuscarawas	13,572	52.6
Ohio	141	Ohio	Belmont	13,169	27.4
Ohio	147	Ohio	Hancock	42,000	49
Ohio	168	Ohio	Darke	13,000	48
Ohio	187	Ohio	Franklin	645,940	64
Ohio	219	Ohio	Allen	61,000	24.6
Ohio	221	Ohio	Hamilton	200,666	59.4
Ohio	222	Ohio	Medina	35,000	47
Ohio	225	Ohio	Lorain	72,000	63.2
Ohio	241	Ohio	Union	24,677	71.2
Ohio	255	Ohio	Hamilton	566,136	65.2
Ohio	276	Ohio	Cuyahoga	313,158	61.6
Ohio	278	Ohio	Cuyahoga	103,379	59.8
Ohio	282	Ohio	Licking	45,000	31.4
Ohio	311	Ohio	Wood	21,000	52.6

Ohio	428	Ohio	Fayette	14,000	22.8
Ohio	43	Ohio	Fulton	6,000	57.4
Ohio	455	Ohio	Mahoning	65,469	52.6
Ohio	456	Ohio	Muskingum	47,500	40.6
Ohio	48	Ohio	Athens	24,536	68
Ohio	67	Ohio	Wood	32,000	61.6
Ohio	73	Ohio	Williams	8,655	69.4
Ohio	975	Ohio	Greene	4,100	67.8
Ohio	98	Ohio	Pickaway	13,965	62
Oklahoma	2567	Oklahoma	Caddo	6,623	N/A
Oklahoma	2577	Oklahoma	Cleveland	122,837	N/A
Oklahoma	2578	Oklahoma	Oklahoma	442,168	N/A
Oklahoma	2579	Oklahoma	Tulsa	181,670	N/A
Oklahoma	2580	Oklahoma	Seminole	7,488	N/A
Oklahoma	2585	Oklahoma	Woodward	11,998	N/A
Oregon	929	Oregon	Linn	57,785	31
Oregon	930	Oregon	Clatsop	11,326	47
Oregon	944	Oregon	Washington	9,000	23.67
Oregon	957	Oregon	Coos	9,975	1.5
Oregon	958	Oregon	Malheur	16,000	5
Oregon	966	Oregon	Columbia	13,739	4.5
Pennsylvania	1357	Pennsylvania	Montgomery	30,000	71.6
Pennsylvania	1368	Pennsylvania	Armstrong, Westmoreland	34,200	new site
Pennsylvania	1529	Pennsylvania	Indiana	28,809	62.2
Pennsylvania	1776	Pennsylvania	Trumbull, Mercer	19,000	61
Pennsylvania	1787	Pennsylvania	Chester	10,500	72.4
Rhode Island	1134	Rhode Island	Kent	60,224	54
Rhode Island	1224	Rhode Island	Kent	33,000	37.6
Rhode Island	464	Rhode Island	Providence	240,000	32.25
Rhode Island	76	Rhode Island	Providence	10,000	29.8
Texas	375	Houston	Harris	293,227	83.67
Texas	409	Houston	Harris	97,918	82.67
Utah	11	Utah	Salt Lake	89,507	65.6
Utah	31	Utah	Utah	35,840	71.4
Utah	32	Utah	Tooele	36,244	56
Utah	7	Utah	Salt Lake	515,494	59.2
Virginia	1237	Virginia	Tazewell	4,600	new site
Virginia	180	Virginia	Chesapeake City, Virginia Beach City, Norfolk City, Portsmouth City	192,347	91
Virginia	1827	Virginia	Prince William, Fairfax	165,901	87.33
Virginia	1828	Virginia	Stafford	44,000	86

Virginia	1832	Virginia	Frederick	16,563	new site
Virginia	1838	Virginia	Fairfax City, Fauquier, Manassas Park City, Manassas City, Fairfax, Prince William, Loudoun	350,000	97
Virginia	2037	Virginia	Mathews, York, Gloucester, Poquoson City, Newport News City, Hampton City	99,112	85
Virginia	2485	Virginia	Cumberland, Prince Edward	12,390	new site
Virginia	42	Virginia	Prince William, Stafford	92,000	95.33
Virginia	454	Virginia	Washington	7,300	58.33
Washington	1399	Washington	Jefferson	10,000	56.4
Washington	1620	Washington	Walla Walla	33,000	49.25
Washington	2420	Washington	King, Snohomish	789,000	37.2
Washington	753	Washington	Franklin	73,000	55.2
Wisconsin	136	Wisconsin	Chippewa, Eau Claire	77,714	68.2
Wisconsin	182	Wisconsin	Saint Croix	19,680	33.8
Wisconsin	231	Wisconsin	Dane	391,815	63.39
Wisconsin	232	Wisconsin	Manitowoc	34,500	57.4
Wisconsin	236	Wisconsin	Marinette	11,000	52
Wisconsin	239	Wisconsin	Marathon, Wood	19,300	72.4
Wisconsin	2531	Wisconsin	Dane	89,139	73.8
Wisconsin	257	Wisconsin	Washington, Racine, Milwaukee, Ozaukee, Waukesha	615,934	78.4
Wisconsin	313	Wisconsin	Marinette	3,500	33.2
Wisconsin	318	Wisconsin	Grant	11,000	N/A
Wisconsin	344	Wisconsin	Saint Croix, Pierce	15,900	58.67
Wisconsin	420	Wisconsin	Vernon	4,400	76.5
Wisconsin	44	Wisconsin	Ashland	8,200	56.33
Wisconsin	60	Wisconsin	Jackson	5,000	67.8
Wisconsin	696	Wisconsin	Jefferson, Dodge	23,660	51.6
West Virginia	2067	West Virginia	Taylor	6,071	25
West Virginia	2546	West Virginia	Harrison	26,498	20.5
West Virginia	2549	West Virginia	Randolph	2,101	N/A
West Virginia	2552	West Virginia	Marion	1,091	42.5
West Virginia	2563	West Virginia	Fayette	2,626	71.5

West Virginia	91	West Virginia	Kanawha	49,500	56.44
Alabama	1893	Alabama	Jefferson	77,000	65.86
California	1371	California	Merced	42,000	49.86
California	1665	California	San Mateo	40,000	33
California	1668	California	Contra Costa	484,800	66
California	1669	California	Marin	104,250	73.8
California	1685	California	Alameda	740,000	59.86
California	1694	California	Los Angeles	200,000	71.5
California	1711	California	Marin	18,000	74.43
California	1712	California	San Mateo	28,000	31.57
California	1713	California	Napa	83,300	81.86
California	1874	California	Alameda	68,150	42.8
California	1876	California	Marin	25,000	69.8
California	1888	California	Sonoma	230,000	84.17
California	1904	California	San Bernardino	890,000	61.17
California	1913	California	Yolo	59,000	75.86
California	1946	California	Santa Clara	153,000	61.27
California	2406	California	Santa Cruz	60,000	67
California	2600	California	Madera	67,944	80.83
California	352	California	Santa Clara	110,338	65.53
California	362	California	San Francisco, San Mateo	250,000	48.08
Colorado	1902	Colorado	Douglas	25,000	53.86
District of Columbia	2597	District of Columbia	Loudoun, Prince Georges, Fairfax, District Of Columbia	2,000,000	43.29
Florida	1686	Florida	Orange	195,299	77.83
Florida	1715	Florida	Orange	183,009	75.5
Florida	1875	Florida	Seminole	95,000	74.14
Florida	2327	Florida	Leon	212,065	76
Florida	2358	Florida	Pinellas	89,847	73.86
Georgia	1666	Georgia	Fulton	73,821	89.86
Georgia	1740	Georgia	Fulton	294,660	83.14
Georgia	1741	Georgia	Fulton	105,160	83.29
Georgia	1742	Georgia	Fulton	70,887	87
Iowa	1839	Iowa	Clinton	29,300	70.43
Iowa	1867	Iowa	Johnson	23,000	46
Illinois	1689	Illinois	Du Page	86,000	76.43
Indiana	1739	Indiana	Clark	25,000	65.71
Indiana	1889	Indiana	St Joseph	130,000	62.43
Indiana	772	Indiana	Monroe	56,090	65.11
Indiana	828	Indiana	Hamilton	86,000	62.57
Kansas	1710	Kansas	Saline	47,000	59.14
Kansas	1811	Kansas	Wyandotte	35,000	73.86

Kansas	1900	Kansas	Wyandotte	90,000	64.43
Massachusetts	1780	Massachusetts	Suffolk, Middlesex, Worcester, Norfolk, Plymouth	2,400,000	69.71
Maine	1989	Maine	Cumberland	10,000	78.29
Maine	1992	Maine	Cumberland	65,000	67.71
Maine	2002	Maine	York	10,000	82.71
Maine	2598	Maine	Penobscot	40,000	86.29
Mississippi	2479	Mississippi	Jackson	19,008	77.25
New Hampshire	1706	New Hampshire	Merrimack	4,000	73.57
New Hampshire	497	New Hampshire	Merrimack	45,000	78.71
New Jersey	2107	New Jersey	Cumberland	50,000	78.17
Nevada	2607	Nevada	Clark	990,000	38.14
Tennessee	2612	Tennessee	Shelby	300,000	65.57
Texas	1761	Texas	Potter, Randall	60,000	62.71
Texas	1762	Texas	Potter, Randall	140,000	77.29
Texas	1881	Texas	Cooke	17,300	67.14
Texas	1947	Texas	Montgomery	65,000	86.57
Texas	2326	Texas	Dallas	630,000	74.86
Texas	2615	Texas	Dallas	421,700	84.43
Texas	865	Texas	Webb	120,000	87.57
Texas	867	Texas	Webb	140,000	87.57
Virginia	2008	Virginia	Stafford	100,000	91.29
Vermont	2599	Vermont	Chittenden	30,000	85.14
Vermont	2613	Vermont	Washington	10,100	59
Alabama	2629	Alabama	Lee	70,000	22.6
Arkansas	2631	Arkansas	Greene	25,000	new site
California	1668	California	Contra Costa	495,000	new site
California	2638	California	El Dorado	30,000	new site
Connecticut	2645	Connecticut	Fairfield	52,268	new site
Hawaii	2484	Hawaii	Hawaii	32,604	73.8
Maine	2077	Maine	Penobscot	20,000	20
Maine	2498	Maine	Cumberland	8,500	48.2
Maine	65	Maine	Lincoln	2,222	73.2
North Carolina	2596	North Carolina	Duplin, Pender	10,000	82.4
North Carolina	2622	North Carolina	Rowan	32,000	73
Pennsylvania	2515	Pennsylvania	Montgomery	13,000	49.4
South Carolina	2564	South Carolina	Horry	12,000	68.25
South Carolina	2624	South Carolina	Greenwood	48,000	45.29
Texas	2640	Texas	Galveston	115,000	new site
Virginia	2648	Virginia	Martinsville City, Henry	63,000	new site

Wyoming	2502	Wyoming	Sheridan	18,000	22.4
Arizona	1053	Arizona	Yuma	8,271	73.75
Arizona	1055	Arizona	Yuma	20,634	56.8
Arizona	1212	Arizona	Maricopa	12,542	40.83
Arizona	1271	Arizona	Pima	23,000	21.2
Arizona	808	Arizona	Mohave	37,500	41.2
California	1524	California	Plumas	4,217	N/A
California	2061	California	San Joaquin	320,000	N/A
California	2062	California	San Joaquin	98,601	N/A
California	211	California	Los Angeles	3,500,000	62
California	2330	California	Santa Barbara	77,600	67.83
California	2338	California	Butte	44,000	68.86
California	2411	California	Butte	101,299	70.29
Colorado	1024	Colorado	Archuleta	27,857	26
Colorado	116	Colorado	El Paso	102,203	35.6
Colorado	117	Colorado	El Paso	303,855	35.6
Colorado	122	Colorado	Summit	7,857	61
Colorado	1514	Colorado	El Paso	5,936	68.4
Colorado	1518	Colorado	El Paso	9,286	54.8
Colorado	151	Colorado	Larimer	92,126	42.2
Colorado	1563	Colorado	Elbert	3,571	42
Colorado	224	Colorado	Boulder, Weld	75,543	32.2
Colorado	370	Colorado	Larimer	23,193	47.4
Colorado	49	Colorado	Arapahoe, Adams	268,003	30
Colorado	656	Colorado	La Plata	23,429	35.8
Colorado	66	Colorado	Boulder	89,383	34.2
Colorado	747	Colorado	Arapahoe	25,714	42
Colorado	845	Colorado	Summit	14,286	34.8
Connecticut	686	Connecticut	New Haven	115,000	35.8
District of Columbia	2058	District of Columbia	District Of Columbia	13,701	N/A
Delaware	1183	Delaware	Sussex	7,000	61.5
Delaware	1185	Delaware	Sussex	4,392	88
Delaware	1187	Delaware	New Castle	17,145	71.25
Delaware	1192	Delaware	Sussex	7,000	83
Delaware	1194	Delaware	New Castle	539,000	79.5
Florida	1631	Florida	Orange	50,000	75
Florida	669	Florida	Orange	277,823	79.25
Idaho	818	Idaho	Ada	120,344	43
Illinois	1816	Illinois	Madison	26,000	50.2
Illinois	1943	Illinois	Sangamon	102,000	55
Illinois	603	Illinois	Kane	11,290	69.2
Illinois	606	Illinois	Saint Clair	26,150	37.4
Illinois	607	Illinois	Boone	25,134	28.2

Illinois	611	Illinois	Fulton	13,506	22.8
Illinois	612	Illinois	Greene	3,064	41.4
Illinois	620	Illinois	Macon	88,500	36.4
Illinois	632	Illinois	Cook	270,647	55.43
Illinois	633	Illinois	Warren	10,836	42.2
Illinois	635	Chicago	Cook	3,816	26.4
Illinois	642	Illinois	Du Page	164,781	65
Illinois	699	Illinois	Tazewell	32,540	26.5
Illinois	871	Illinois	La Salle	18,768	41.67
Illinois	978	Illinois	McLean	42,000	43.75
Illinois	981	Illinois	De Kalb	45,000	70.6
Illinois	982	Illinois	Cook	1,263,110	56.43
Indiana	1458	Indiana	Noble	10,000	74.8
Indiana	1479	Indiana	Elkhart	35,000	75.2
Indiana	1619	Indiana	Marion	800,000	58.6
Indiana	2337	Indiana	Tippecanoe	60,000	66
Indiana	2341	Indiana	St Joseph	130,000	28.2
Indiana	2342	Indiana	Vigo	58,500	65.2
Indiana	2343	Indiana	Wayne	36,000	56.8
Indiana	828	Indiana	Hamilton	86,000	24.4
Kansas	2465	Kansas	Johnson	42,235	40
Massachusetts	2471	Massachusetts	Suffolk	3,196	37
Massachusetts	2471	Massachusetts	Suffolk	42,494	62.4
Maine	1206	Maine	York	21,000	48.4
Maine	1990	Maine	Penobscot	57,000	51.4
Maine	1991	Maine	Washington	2,592	34.4
Maine	1992	Maine	Cumberland	65,000	72.33
Maine	1998	Maine	Washington	1,635	50.6
Maine	2000	Maine	Aroostook	9,000	41
Maine	2001	Maine	Cumberland	24,000	71.2
Maine	2111	Maine	Franklin	1,100	N/A
Maine	65	Maine	Lincoln	1,759	74.33
Michigan	1088	Michigan	Ottawa	25,000	53
Michigan	1091	Michigan	Schoolcraft	3,412	41.33
Michigan	1092	Michigan	Chippewa	15,000	52.67
Michigan	1096	Michigan	Muskegon	125,000	31.6
Michigan	1121	Michigan	Saginaw	6,300	73
Michigan	1122	Michigan	Otsego	3,670	60.75
Michigan	1125	Michigan	Marquette	4,500	N/A
Michigan	1125	Michigan	Marquette	4,500	N/A
Michigan	1138	Michigan	Isabella	25,629	N/A
Michigan	1167	Michigan	Kent	15,000	N/A
Michigan	1599	Michigan	Eaton	9,074	44
Michigan	1815	Michigan	Arenac	5,500	73.25

Michigan	1945	Michigan	Livingston	9,000	N/A
Michigan	756	Michigan	Kent	265,000	N/A
Michigan	757	Michigan	Jackson	90,000	32.85
Michigan	800	Michigan	Genesee	95,000	35.55
Michigan	801	Michigan	Grand Traverse	10,000	84.33
Michigan	801	Michigan	Grand Traverse	45,000	62
Michigan	823	Michigan	Houghton	14,000	77.2
Michigan	860	Michigan	Gratiot	8,976	N/A
Michigan	889	Michigan	Ottawa	6,657	5.2
Michigan	889	Michigan	Ottawa	6,524	33.6
Michigan	889	Michigan	Ottawa	45,608	51.2
Michigan	890	Michigan	Ottawa	15,498	47.8
Michigan	890	Michigan	Ottawa	8,278	39.6
Michigan	890	Michigan	Ottawa	36,912	46.2
Michigan	891	Michigan	Kalamazoo	14,378	19.6
Michigan	891	Michigan	Kalamazoo	39,068	48.6
Minnesota	2231	Minnesota	Isanti	9,604	51.25
Minnesota	2233	Minnesota	Washington	83,209	45.5
Minnesota	2237	Minnesota	Otter Tail	13,922	33.4
Minnesota	2246	Minnesota	Clay	44,602	39.6
Minnesota	2248	Minnesota	Le Sueur, Scott	8,201	30.4
Minnesota	2253	Minnesota	Hennepin	10,308	34
Minnesota	2257	Minnesota	Carlton, Saint Louis	98,018	45.75
Minnesota	2259	Minnesota	Winona	27,684	32.5
Minnesota	2260	Minnesota	Nobles	13,372	44.2
Missouri	190	Missouri	Callaway, Cole	41,153	53
Missouri	194	Missouri	Platte, Clay	76,759	N/A
Missouri	196	Missouri	Jackson	25,000	87.5
Missouri	198	Missouri	Clay	12,000	79.33
Missouri	202	Missouri	Dunklin	11,300	79
Missouri	265	Missouri	Saint Louis	149,112	76.67
Missouri	365	Missouri	New Madrid, Scott	17,000	N/A
Missouri	380	Missouri	Greene	22,818	73
Missouri	424	Missouri	Johnson	14,477	43.5
Missouri	438	Missouri	Saint Charles	44,852	71.33
Missouri	63	Missouri	Polk	10,500	58.67
Missouri	858	Missouri	Jackson, Cass	367,300	81
Montana	2407	Montana	Park	8,700	39.67
Montana	2635	Montana	Hill	10,000	new site
North Carolina	1031	North Carolina	Onslow	41,819	84
North Carolina	144	North Carolina	Cumberland	151,589	91
North Carolina	166	North Carolina	Guilford	135,821	81.25
North Carolina	2013	North Carolina	Union	17,000	76.2

North Carolina	2015	North Carolina	Gaston	6,700	80.8
North Carolina	2020	North Carolina	Cabarrus	226,400	86.4
North Carolina	271	North Carolina	Buncombe, Henderson	173,000	80.2
North Carolina	288	North Carolina	Catawba	40,488	82.2
North Carolina	303	North Carolina	Orange, Durham	78,141	74.4
North Carolina	334	North Carolina	Wake	30,655	86.4
North Carolina	369	North Carolina	Durham, Orange	108,105	70.2
North Carolina	450	North Carolina	New Hanover	58,361	87.2
North Carolina	452	North Carolina	Forsyth	178,000	89
North Carolina	85	North Carolina	Wake	74,331	84.2
North Carolina	92	North Carolina	Mecklenburg	68,685	90.6
North Carolina	94	North Carolina	Mecklenburg	120,000	89.6
Nebraska	1331	Nebraska	York	8,000	4.5
Nebraska	922	Nebraska	Lancaster	100,000	8
Nebraska	925	Nebraska	Lancaster	200,000	4.5
New Hampshire	2087	New Hampshire	Rockingham	20,000	74.67
New Hampshire	2089	New Hampshire	Cheshire	30,000	91
New Hampshire	2093	New Hampshire	Sullivan	6,500	76.33
New Hampshire	2096	New Hampshire	Grafton	7,000	78
New Jersey	1453	New Jersey	Monmouth	47,000	83.2
New Jersey	2351	New Jersey	Burlington	19,980	65.4
New Jersey	2352	New Jersey	Cumberland	30,000	86.4
New Jersey	2356	New Jersey	Hudson	22,181	62.2
New Jersey	2373	New Jersey	Hunterdon	9,440	51.2
New Jersey	2400	New Jersey	Salem	5,500	60.67
New Jersey	784	New Jersey	Union, Somerset, Middlesex	880,000	65.4
New Mexico	1475	New Mexico	Otero	36,000	66.4
New York	1007	New York	Genesee	4,191	70.33
New York	1013	New York	Erie	14,742	50.6
New York	1022	New York	Schenectady	78,444	40.6
New York	1042	New York	Columbia	6,374	51.67
New York	1044	New York	Suffolk	24,147	N/A
New York	1045	New York	Essex	6,264	56.8
New York	1068	New York	Tompkins	56,967	27.6
New York	1099	New York	Wyoming	3,448	58
New York	1171	New York	Schoharie	5,326	35.33
New York	1405	New York	Rockland	4,115	36.67
New York	1486	New York	Westchester	40,301	47.4

New York	1504	New York	Sullivan	6,639	63
New York	1557	New York	Orange	6,563	78.67
New York	1821	New York	Dutchess	14,525	54.33
New York	1931	New York	Albany	21,281	44
New York	1937	New York	Livingston	5,361	70
New York	2025	New York	Niagara	38,971	87.8
New York	2102	New York	Ontario	16,507	58.67
New York	2177	New York	Chemung	18,085	40
New York	2179	New York	Erie	24,461	39.75
New York	2186	New York	Niagara	31,032	87.6
New York	2200	New York	Jefferson	23,485	34
New York	2272	New York	Saint Lawrence	11,269	58.4
New York	2281	New York	Chautauqua	3,365	67
New York	2287	New York	Oneida	3,210	49.67
New York	2333	New York	Dutchess	3,391	new site
New York	515	New York	Madison	4,843	40.33
New York	522	New York	Orange	27,434	75
New York	580	New York	Monroe	43,074	30.6
New York	694	New York	Franklin	7,175	37.33
New York	721	New York	Rensselaer	79,699	23.25
New York	723	New York	Seneca	6,961	33.33
New York	869	New York	Warren	23,462	48.4
New York	996	New York	Erie	142,478	83.8
New York	998	New York	Erie	431,141	46
Ohio	112	Ohio	Wayne	27,000	29.6
Ohio	140	Ohio	Lorain	54,500	66.2
Ohio	157	Ohio	Sandusky	25,000	51.4
Ohio	205	Ohio	Hardin	8,500	38.33
Ohio	2473	Ohio	Knox	7,000	31.2
Ohio	263	Ohio	Knox	18,000	35.2
Ohio	274	Ohio	Henry	12,246	42.2
Ohio	291	Ohio	Huron	17,000	65.2
Ohio	301	Ohio	Lucas	44,680	56.8
Ohio	304	Ohio	Butler	22,000	87.8
Ohio	411	Ohio	Wyandot	6,700	46.4
Ohio	442	Ohio	Montgomery	113,629	82.4
Oklahoma	2566	Oklahoma	Pontotoc	16,738	N/A
Oklahoma	2568	Oklahoma	Washington	36,495	N/A
Oklahoma	2572	Oklahoma	Bryan	18,589	N/A
Oklahoma	2583	Oklahoma	Payne	48,134	N/A
Oregon	934	Oregon	Benton	58,856	17
Oregon	936	Oregon	Lane	8,925	5.67
Oregon	942	Oregon	Washington	220,000	15.67
Oregon	943	Oregon	Washington	40,000	12.67
Oregon	945	Oregon	Multnomah	662,235	14.33

Oregon	955	Oregon	Yamhill	34,615	3.67
Oregon	959	Oregon	Umatilla	17,500	N/A
Oregon	960	Oregon	Douglas	30,000	66.33
Oregon	961	Oregon	Marion	229,000	16.33
Pennsylvania	1455	Pennsylvania	Delaware	6,800	64
Pennsylvania	1533	Pennsylvania	Centre	90,000	57.57
Pennsylvania	1554	Pennsylvania	Mercer	16,000	63
Pennsylvania	2328	Pennsylvania	Montgomery	70,000	N/A
Pennsylvania	2364	Pennsylvania	Allegheny	7,000	46.4
Pennsylvania	2365	Pennsylvania	Allegheny	48,000	42.6
Pennsylvania	2367	Pennsylvania	Allegheny	5,191	48.6
Pennsylvania	2368	Pennsylvania	Allegheny	43,482	42.2
Rhode Island	464	Rhode Island	Providence	240,000	new site
Rhode Island	835	Rhode Island	Bristol	11,000	41.6
South Carolina	877	South Carolina	Kershaw	8,825	63
South Carolina	885	South Carolina	Georgetown	30,000	31.4
South Carolina	909	South Carolina	Horry	195,000	91.8
Texas	135	Houston	Harris	16,030	73
Texas	149	Houston	Harris	4,170	73
Texas	160	Houston	Harris	40,689	79.33
Texas	183	Houston	Harris	16,804	70.33
Texas	290	Houston	Harris	95,600	86
Texas	35	Houston	Harris	551,150	88
Texas	40	Houston	Harris	117,968	94.67
Texas	435	Houston	Harris	33,645	71.33
Texas	439	Houston	Harris	85,129	67.33
Texas	97	Houston	Harris	37,359	71.33
Utah	10	Utah	Cache	9,095	51.4
Utah	15	Utah	Grand, San Juan	9,896	17.2
Utah	18	Utah	Utah	102,624	69.6
Utah	19	Utah	Carbon	17,312	46
Utah	26	Utah	Utah	53,313	69.2
Utah	33	Utah	Utah	253,112	64.8
Utah	9	Utah	Davis, Weber	208,850	58.6
Virginia	178	Virginia	Chesapeake City, Portsmouth City, Isle Of Wight, Suffolk City	197,608	94.33
Virginia	1829	Virginia	Lynchburg City, Bedford City, Amherst, Campbell	220,000	80.4
Virginia	2035	Virginia	Newport News City, Hampton City Newport News	118,497	89.33

Virginia	2036	Virginia	City, James City, York, Hampton City	141,543	88.67
Virginia	38	Virginia	Alexandria City, Fairfax	300,000	86
Virginia	61	Virginia	Montgomery	52,500	78.2
Washington	1076	Washington	Chelan	35,550	63
Washington	1143	Washington	Pierce	43,000	42.8
Washington	1397	Washington	Pierce	295,855	29.2
Washington	1635	Washington	Yakima	117,072	58.6
Washington	2419	Washington	Pierce, King	896,000	56.2
Washington	2445	Washington	Skagit	35,600	58.4
Washington	351	Washington	Clark	120,000	21
Washington	676	Washington	Snohomish, King	288,000	39.6
Wisconsin	128	Wisconsin	Brown	43,000	41.25
Wisconsin	164	Wisconsin	Brown, Kewaunee	189,000	30.25
Wisconsin	1851	Wisconsin	Walworth	30,000	52.8
Wisconsin	189	Wisconsin	Rock	63,500	45
Wisconsin	203	Wisconsin	Kenosha	122,000	77.6
Wisconsin	209	Wisconsin	La Crosse	85,000	82.6
Wisconsin	246	Wisconsin	Dunn	16,000	64.33
Wisconsin	248	Wisconsin	Lincoln	9,700	69
Wisconsin	2499	Wisconsin	Fond Du Lac	65,000	41.2
Wisconsin	2528	Wisconsin	Dane	42,734	73.6
Wisconsin	2529	Wisconsin	Dane	70,024	64.8
Wisconsin	256	Wisconsin	Ozaukee, Milwaukee	470,007	70.2
Wisconsin	302	Wisconsin	Winnebago	78,300	61.8
Wisconsin	320	Wisconsin	Sheboygan	9,150	N/A
Wisconsin	41	Wisconsin	Calumet, Outagamie, Winnebago	72,810	63.6
West Virginia	1860	West Virginia	Kanawha	9,000	N/A
West Virginia	1863	West Virginia	Cabell	7,000	43.63
West Virginia	1864	West Virginia	Cabell	7,200	38.43
West Virginia	2541	West Virginia	Preston	700	14
West Virginia	2544	West Virginia	Jefferson	17,000	45.33
West Virginia	2547	West Virginia	Randolph	13,156	66.5
West Virginia	2550	West Virginia	Mineral	8,168	N/A
West Virginia	2553	West Virginia	Marshall	12,000	43.33
West Virginia	2555	West Virginia	Mason	5,515	26.67
West Virginia	2556	West Virginia	Mercer	36,000	21.8
West Virginia	2562	West Virginia	Ohio	50,000	46.09
Wyoming	2625	Wyoming	Laramie	74,600	N/A
Alabama	1716	Alabama	Jefferson	30,000	73.86
California	1695	California	Marin	30,000	69.14

California	1760	California	Yolo	4,006	52.14
California	1766	California	Yolo	7,286	70.67
California	1790	California	Orange	120,000	64.43
California	1869	California	Riverside	350,000	65.86
California	1887	California	San Mateo	150,000	43.71
California	1905	California	Marin	30,000	54.14
California	2590	California	Alameda	50,000	52.71
California	305	California	Santa Clara	236,000	64.13
California	363	California	San Francisco, San Mateo	750,000	48.67
Connecticut	2603	Connecticut	Fairfield	140,000	39.43
Florida	1631	Florida	Orange	50,000	83.33
Florida	2359	Florida	Pinellas	47,790	53.57
Georgia	1697	Georgia	Fulton	12,818	73.29
Hawaii	2262	Hawaii	Hawaii	16,257	N/A
Hawaii	2297	Hawaii	Honolulu	300,000	71.29
Hawaii	2299	Hawaii	Honolulu	390,000	63.57
Hawaii	2301	Hawaii	Honolulu	18,000	55.86
Iowa	1884	Iowa	Marshall	27,400	73.57
Illinois	1721	Illinois	Du Page	63,000	72.71
Indiana	1738	Indiana	Clark	25,000	70.29
Kansas	1895	Kansas	Douglas	80,000	75.57
Louisiana	2618	Louisiana	Orleans	50,591	73.43
Maryland	1782	Maryland	Washington	90,000	72.43
Maine	2611	Maine	Androscoggin	60,000	55.57
Michigan	1890	Michigan	Macomb	140,000	81.5
Michigan	2208	Michigan	Isabella	21,690	80.14
Minnesota	2263	Minnesota	Goodhue	16,000	76.29
Minnesota	2616	Minnesota	Benton, Stearns, Sherburne	120,000	54
Nebraska	2614	Nebraska	Lancaster	60,000	58.43
New Jersey	2222	New Jersey	Monmouth	100,000	67
New Jersey	2619	New Jersey	Somerset	130,000	62.43
New York	2601	New York	Oswego	30,000	55
Ohio	1891	Ohio	Mahoning	174,000	80.43
Pennsylvania	1667	Pennsylvania	Dauphin	125,000	77.43
Tennessee	2288	Tennessee	Dade, Catoosa, Hamilton, Walker	400,000	91
Texas	2325	Texas	Dallas	270,000	73.71
Utah	1708	Utah	Utah	115,000	62.4
Utah	1877	Utah	Salt Lake	600,000	60
Washington	2602	Washington	Snohomish	10,150	60.29
Arkansas	2497	Arkansas	Pulaski	23,812	32.8
Arkansas	2588	Arkansas	Boone	14,000	26.8
California	2487	California	Monterey	16,000	27.67

California	2526	California	Ventura	250,000	25
California	2590	California	Alameda	60,000	19.2
California	2594	California	San Luis Obispo	39,000	25
California	2623	California	Santa Cruz	12,000	25.4
Connecticut	2486	Connecticut	Fairfield	45,878	28.25
Florida	2637	Florida	Martin, Palm Beach	100,000	new site
Hawaii	2647	Hawaii	Honolulu	400,000	new site
Iowa	2488	Iowa	Woodbury, Union, Dakota	110,000	25.6
Iowa	544	Iowa	Johnson	75,000	22
Massachusetts	2522	Massachusetts	Hampden	55,000	66.75
Maine	2500	Maine	Aroostook	5,000	31.8
Maine	2595	Maine	Oxford	1,500	48.8
Maine	347	Maine	Knox	7,000	34
North Carolina	2589	North Carolina	Lenoir	20,484	67.4
Pennsylvania	2494	Pennsylvania	Butler	45,000	26.25
Virginia	2491	Virginia	Winchester City, Frederick	60,000	40.8
Arizona	1059	Arizona	Yuma	18,039	73.5
Arizona	1061	Arizona	Yuma	25,369	N/A
Arizona	1212	Arizona	Maricopa	53,578	60.67
Arizona	1212	Arizona	Maricopa	17,280	N/A
Arizona	1212	Arizona	Maricopa	9,430	81.67
Arizona	1212	Arizona	Maricopa	9,848	46
Arizona	2524	Arizona	Maricopa	19,260	66
California	1019	California	Lake	13,200	N/A
California	158	California	Fresno	650,000	N/A
California	2296	California	Contra Costa	218,281	68.71
California	2421	California	Placer	108,444	N/A
California	357	California	San Diego	2,200,000	78.29
California	59	California	Kern	168,750	N/A
Colorado	1135	Colorado	Teller	6,379	35
Colorado	1154	Colorado	Pitkin	17,571	68.6
Colorado	1517	Colorado	El Paso	10,000	62
Colorado	152	Colorado	Larimer	26,621	59.2
Colorado	1591	Colorado	Otero	29,643	19.4
Colorado	163	Colorado	Weld	83,319	40.4
Colorado	251	Colorado	Jefferson	345,453	34.6
Colorado	368	Colorado	Adams	54,560	51.8
Colorado	372	Colorado	Arapahoe	247,443	35.2
Colorado	408	Colorado	Summit	35,643	48
Colorado	578	Colorado	Las Animas	14,286	47.6
Colorado	58	Colorado	Weld, Larimer	7,946	42.6
Colorado	72	Colorado	Broomfield	53,355	38.5

Colorado	748	Colorado	El Paso	34,286	43.6
Connecticut	1079	Connecticut	New Haven	233,000	N/A
Connecticut	806	Connecticut	Fairfield	85,000	37.4
District of Columbia	2058	District of Columbia	District Of Columbia	15,641	N/A
District of Columbia	2058	District of Columbia	District Of Columbia	10,864	N/A
Florida	1392	Florida	Hillsborough	180,000	86.33
Florida	1501	Florida	Alachua	100,000	N/A
Florida	2327	Florida	Leon	212,065	new site
Idaho	1916	Idaho	Canyon	100,200	61
Idaho	2048	Idaho	Kootenai	7,400	N/A
Illinois	1243	Illinois	Du Page	76,324	75.8
Illinois	1527	Illinois	Kendall	13,477	67.6
Illinois	1610	Illinois	Washington	3,425	75.33
Illinois	1817	Illinois	Iroquois	4,700	16
Illinois	1847	Illinois	Du Page	65,000	54
Illinois	2126	Illinois	Perry	6,448	65.5
Illinois	2306	Illinois	Champaign	52,000	40.67
Illinois	2380	Illinois	Mclean	44,237	34.5
Illinois	605	Illinois	Saint Clair	26,150	53.2
Illinois	619	Illinois	Vermilion	30,479	49.8
Illinois	625	Illinois	Jo Daviess	3,460	27.2
Illinois	631	Illinois	Mcdonough	15,052	52.2
Illinois	638	Illinois	Cook	1,127,737	30.29
Illinois	645	Illinois	Lake	126,629	65.8
Illinois	647	Illinois	Peoria	131,000	49
Illinois	655	Illinois	Champaign	91,041	40.2
Illinois	674	Chicago	Cook	721,207	36.4
Illinois	675	Chicago	Cook	29,370	30.2
Illinois	675	Chicago	Cook	83,455	53.4
Illinois	675	Chicago	Cook	24,099	31.6
Illinois	697	Illinois	Rock Island	25,202	47.2
Illinois	698	Illinois	Rock Island	43,768	38.2
Illinois	894	Illinois	Lee	15,115	65.8
Indiana	1459	Indiana	Jasper	5,800	59.8
Indiana	2481	Indiana	Lawrence	12,000	22.4
Kansas	2075	Kansas	Reno	39,712	51.4
Kansas	2461	Kansas	Johnson	66,377	56.6
Kansas	406	Kansas	Johnson	54,985	43.6
Massachusetts	2471	Massachusetts	Suffolk	5,424	59.8
Maine	1987	Maine	Waldo	4,000	85.25
Maine	1993	Maine	Penobscot	2,500	70.5
Maine	1996	Maine	Aroostook	5,000	54.75
Maine	347	Maine	Knox	7,000	36.67

Maine	475	Maine	Piscataquis	900	40.67
Michigan	1018	Michigan	Bay	20,000	66.5
Michigan	1020	Michigan	Dickinson	3,200	43
Michigan	1040	Michigan	Ottawa	3,535	46.6
Michigan	1040	Michigan	Ottawa	11,200	49
Michigan	1048	Michigan	Calhoun	6,964	36.4
Michigan	1086	Michigan	Ottawa	20,000	47
Michigan	1102	Michigan	Dickinson	13,500	28.33
Michigan	1125	Michigan	Marquette	3,500	N/A
Michigan	1136	Michigan	Clare	3,042	N/A
Michigan	1155	Michigan	Tuscola	3,000	58.5
Michigan	1168	Michigan	Kent	68,000	N/A
Michigan	1598	Michigan	Wexford	10,450	40
Michigan	1600	Michigan	Mason	8,100	49.67
Michigan	1729	Michigan	Wayne	51,939	N/A
Michigan	2047	Michigan	Allegan	11,000	54.4
Michigan	801	Michigan	Grand Traverse	29,400	59
Michigan	874	Michigan	Emmet	7,900	33
Michigan	891	Michigan	Kalamazoo	12,366	51.4
Michigan	896	Michigan	Wayne, Macomb	492,000	88.2
Michigan	898	Michigan	Oakland, Wayne	840,600	84.4
Minnesota	1048	Minnesota	Lyon	13,867	30.4
Minnesota	2230	Minnesota	Hennepin, Carver, Scott	296,546	36.25
Minnesota	2232	Minnesota	Saint Louis	4,904	34.33
Minnesota	2235	Minnesota	Sherburne	26,226	34.6
Minnesota	2243	Minnesota	Le Sueur	3,863	50.75
Minnesota	2252	Minnesota	Olmsted	122,657	24
Minnesota	249	Minnesota	Hennepin, Washington, Dakota, Anoka, Ramsey	1,913,563	29
Missouri	192	Missouri	Jasper	34,403	76
Missouri	195	Missouri	Jackson, Johnson, Cass	490,000	69
Missouri	200	Missouri	Jackson, Wyandotte, Johnson	61,250	81.67
Missouri	218	Missouri	Clay	35,300	80
Missouri	266	Missouri	Saint Louis, Jefferson	24,174	95.33
Missouri	268	Missouri	Saint Louis	451,367	76
Missouri	280	Missouri	Vernon	8,082	52.33
Missouri	284	Missouri	Christian	20,000	50.67
Missouri	312	Missouri	Perry	9,000	60.33
Missouri	317	Missouri	Platte	8,000	78.67
Missouri	407	Missouri	Franklin	7,936	83

Missouri	441	Missouri	Howell	12,000	52.33
Missouri	827	Missouri	Dent	4,512	28.33
Montana	977	Montana	Lewis And Clark	37,125	37
North Carolina	1611	North Carolina	Randolph, Davidson, Guilford, Forsyth	116,390	83.4
North Carolina	2017	North Carolina	Lincoln	15,042	75.6
North Carolina	2021	North Carolina	Union	70,608	84.2
North Carolina	2033	North Carolina	Henderson	43,633	90.8
North Carolina	2101	North Carolina	Lincoln	11,000	77.8
North Carolina	216	North Carolina	Scotland	15,527	94.75
North Carolina	345	North Carolina	Halifax, Northampton	14,320	69.2
North Carolina	405	North Carolina	Jackson	13,296	90.6
North Carolina	53	North Carolina	Carteret	3,500	74.8
North Carolina	84	North Carolina	Wake	84,189	78.6
North Carolina	93	North Carolina	Mecklenburg	182,501	90
Nebraska	1799	Nebraska	Nemaha	3,800	35
Nebraska	915	Nebraska	Dawes	5,561	18
Nebraska	918	Nebraska	Hall	52,000	35
Nebraska	920	Nebraska	Buffalo	33,790	30
New Hampshire	2085	New Hampshire	Strafford	32,000	50
New Hampshire	2095	New Hampshire	Rockingham	22,000	40.33
New Jersey	1322	New Jersey	Union, Essex	1,300,000	76.8
New Jersey	1385	New Jersey	Hudson	145,000	77
New Jersey	1605	New Jersey	Bergen	564,563	81.2
New Jersey	1616	New Jersey	Monmouth	40,000	72.2
New Jersey	2107	New Jersey	Cumberland	30,000	61.6
New Jersey	2349	New Jersey	Atlantic	12,000	53.4
New Jersey	2350	New Jersey	Morris	24,530	59.4
New Jersey	2355	New Jersey	Union	204,148	68.2
New Jersey	2377	New Jersey	Monmouth	47,357	67.2
New Mexico	1362	New Mexico	Luna	14,000	64.8
New York	1009	New York	Niagara	48,196	45.67
New York	1150	New York	Suffolk	7,741	N/A
New York	1404	New York	Rockland	10,890	27.67
New York	1460	New York	Orange	28,914	55.5
New York	1484	New York	Westchester	94,095	56.6
New York	1488	New York	Westchester	31,046	75.2
New York	1844	New York	Saint Lawrence	22,552	72
New York	1852	New York	Saint Lawrence	14,475	50.4
New York	1855	New York	Albany	31,023	44.75
New York	2007	New York	Wayne	5,145	36

New York	2050	New York	Nassau	5,824	N/A
New York	2080	New York	Nassau	27,494	N/A
New York	2110	New York	Rensselaer	13,720	54.33
New York	2176	New York	Chemung	38,037	42
New York	2181	New York	Monroe	487,322	48.2
New York	2182	New York	Orange	6,369	71.2
New York	2189	New York	Ulster	10,577	64.67
New York	2194	New York	Saratoga	152,482	47
New York	2197	New York	Essex	3,263	59.67
New York	2201	New York	Oswego	14,199	57.6
New York	2264	New York	Nassau	8,288	N/A
New York	2268	New York	Onondaga	3,272	46
New York	2280	New York	Seneca	6,160	62.33
New York	300	New York	Otsego	19,383	38
New York	426	New York	Orange	6,729	47.8
New York	477	New York	Essex	3,076	58
New York	483	New York	Delaware	3,581	28
New York	513	New York	Onondaga	30,613	48.33
New York	524	New York	Orange	36,227	49.25
New York	529	New York	Orange	8,568	57.8
New York	531	New York	Jefferson	4,077	49.67
New York	532	New York	Onondaga	25,965	31.67
New York	776	New York	Ulster	26,599	58.25
New York	986	New York	Washington	12,260	11.33
New York	997	New York	Genesee	16,459	68.8
Ohio	127	Ohio	Montgomery	226,729	56.8
Ohio	1805	Ohio	Huron	3,276	75.6
Ohio	1957	Ohio	Lake	20,000	68.4
Ohio	214	Ohio	Fairfield	24,303	51.4
Ohio	233	Ohio	Richland	52,000	35.2
Ohio	235	Ohio	Washington	15,284	35.4
Ohio	273	Ohio	Hamilton	125,247	77
Ohio	309	Ohio	Licking	3,300	44
Ohio	326	Ohio	Scioto	20,366	91.6
Ohio	36	Ohio	Summit	377,378	38.8
Ohio	395	Ohio	Hamilton	83,058	64.8
Ohio	398	Ohio	Lucas	372,208	55.6
Ohio	403	Ohio	Montgomery	65,000	59.4
Ohio	54	Ohio	Greene	46,160	49.6
Ohio	79	Ohio	Stark	85,000	48
Ohio	859	Ohio	Mercer	4,800	20.8
Oklahoma	2574	Oklahoma	Tulsa	112,025	N/A
Oklahoma	2576	Oklahoma	Muskogee	36,790	N/A
Oklahoma	2586	Oklahoma	Canadian	24,623	N/A

Oregon	2639	Oregon	Multnomah	45,600	15
Oregon	932	Oregon	Deschutes	92,850	17
Oregon	935	Oregon	Polk	16,555	15.33
Oregon	949	Oregon	Washington	40,000	26
Oregon	950	Oregon	Josephine	37,725	9.33
Oregon	951	Oregon	Umatilla	18,775	33
Oregon	953	Oregon	Klamath	28,000	25
Oregon	956	Oregon	Jackson	133,708	35
Oregon	965	Oregon	Marion	10,520	8.5
Oregon	967	Oregon	Marion	10,840	22.33
Oregon	971	Oregon	Lane	235,155	8
Pennsylvania	1366	Pennsylvania	Dauphin	125,000	76
Pennsylvania	1368	Pennsylvania	Armstrong, Westmoreland	34,200	70
Pennsylvania	1376	Pennsylvania	Westmoreland	4,600	61.2
Pennsylvania	1390	Pennsylvania	Monroe	25,000	86.4
Pennsylvania	1553	Pennsylvania	Mckean	14,194	27.2
Pennsylvania	1777	Pennsylvania	Monroe	4,000	59
Pennsylvania	2307	Pennsylvania	Montgomery	35,000	80.4
Pennsylvania	2308	Pennsylvania	Montgomery	8,900	71.8
Pennsylvania	2329	Pennsylvania	Montgomery	35,000	74.2
Pennsylvania	2362	Pennsylvania	Allegheny	900,000	51
Rhode Island	677	Rhode Island	Bristol	21,100	40
South Carolina	1871	South Carolina	Beaufort	20,000	18
South Carolina	884	South Carolina	Greenville	143,531	N/A
South Carolina	908	South Carolina	Richland	60,000	64.2
Texas	113	Houston	Harris	3,825	83
Texas	201	Houston	Harris	124,000	79
Texas	207	Houston	Harris, Montgomery	52,055	79.67
Texas	250	Houston	Harris	20,161	90.67
Texas	307	Houston	Harris	5,497	76.67
Texas	366	Houston	Harris	109,414	88.67
Texas	367	Houston	Harris	109,414	86
Texas	406	Houston	Harris	59,188	78.33
Texas	443	Houston	Harris	3,623	67
Texas	449	Houston	Harris	8,610	62.33
Texas	56	Houston	Harris	70,900	73.67
Utah	1077	Utah	Wasatch	5,806	54.67
Utah	11	Utah	Utah, Salt Lake	94,484	59.2
Utah	12	Utah	Cache	94,005	66
Utah	16	Utah	Weber, Davis	228,700	68.4
Utah	20	Utah	Utah	21,231	71.8
Utah	21	Utah	Duchesne	6,790	60.4
Utah	22	Utah	Summit	23,946	75

Utah	24	Utah	Davis	84,981	62.2
Utah	28	Utah	Salt Lake	209,645	67.6
Utah	2	Utah	Uintah	29,513	53.2
Utah	5	Utah	Iron	32,451	67.6
Virginia	1237	Virginia	Tazewell	4,600	N/A
Virginia	1576	Virginia	Loudoun	300,000	80.5
Virginia	177	Virginia	Virginia Beach City, Chesapeake City	530,848	90.33
Virginia	181	Virginia	Newport News City, York, Williamsburg City, New Kent, James City	69,059	86
Virginia	1826	Virginia	Wise, Norton City	14,000	66.6
Virginia	1831	Virginia	Harrisonburg City, Rockingham	81,000	86.2
Virginia	1833	Virginia	Pulaski, Radford, Montgomery	70,000	89.2
Virginia	1834	Virginia	Roanoke, Botetourt, Bland, Bedford City, Roanoke City, Salem	300,000	70.2
Virginia	1837	Virginia	Russell	3,100	68
Virginia	1985	Virginia	Clifton Forge City	4,000	66.6
Virginia	2078	Virginia	Falls Church City, Fairfax, Arlington, Alexandria City	232,965	82.2
Virginia	2290	Virginia	Henrico	330,000	97
Washington	2104	Washington	Kittitas	21,761	34.75
Washington	2105	Washington	Island	24,180	18
Washington	2414	Washington	Snohomish	20,000	15
Washington	2424	Washington	Skagit	17,000	46.8
Washington	2438	Washington	Clark	162,100	34.6
Washington	2444	Washington	Snohomish	173,800	48.4
Washington	2534	Washington	Clark	81,140	53.6
Washington	755	Washington	Benton	15,000	49.33
Washington	760	Washington	Spokane	120,000	43.8
Wisconsin	153	Wisconsin	Waukesha	51,000	53.4
Wisconsin	172	Wisconsin	Dodge, Washington	16,000	74.67
Wisconsin	223	Wisconsin	Columbia	3,100	51.33
Wisconsin	243	Wisconsin	Juneau	4,400	84.5
Wisconsin	260	Wisconsin	Green, Waukesha,	11,000	60.6

Wisconsin	297	Wisconsin	Jefferson	22,000	73.8
Wisconsin	325	Wisconsin	Columbia	11,000	50.25
Wisconsin	389	Wisconsin	Portage	27,000	75.2
Wisconsin	392	Wisconsin	Douglas	28,000	37
Wisconsin	432	Wisconsin	Waupaca	8,000	72.5
Wisconsin	433	Wisconsin	Marathon	42,350	67
West Virginia	1861	West Virginia	Cabell, Wayne	56,000	51.25
West Virginia	2545	West Virginia	Monongalia	2,000	23.67
West Virginia	2646	West Virginia	Putnam	4,900	N/A
Wyoming	2626	Wyoming	Sweetwater	12,000	N/A
Wyoming	2627	Wyoming	Carbon	8,298	N/A
Wyoming	2628	Wyoming	Sheridan	19,000	N/A
Alaska	2609	Alaska	Anchorage	220,000	68.57
Alabama	1718	Alabama	Jefferson	225,000	78.86
Alabama	1719	Alabama	Jefferson	200,000	79.83
Arkansas	2588	Arkansas	Boone	15,000	76
California	1690	California	Los Angeles	4,000,000	50.57
California	1703	California	Marin	53,000	53.43
California	1873	California	Alameda	47,229	29.6
California	1882	California	San Benito	42,000	67.29
California	1885	California	San Luis Obispo	31,037	47.14
California	1910	California	Stanislaus	86,000	65.14
California	1911	California	Solano	121,000	66.43
California	2404	California	San Bernardino	73,000	N/A
Delaware	1930	Delaware	Sussex	13,172	85.29
Florida	1841	Florida	Miami-Dade	920,528	N/A
Florida	1897	Florida	Palm Beach	90,000	85.14
Georgia	1663	Georgia	Fulton	189,593	83.86
Iowa	1783	Iowa	Muscatine	24,400	18.71
Iowa	1791	Iowa	Wapello	25,529	84.57
Idaho	1842	Idaho	Ada	186,901	55.57
Idaho	1879	Idaho	Kootenai	50,540	67.5
Idaho	813	Idaho	Ada	108,556	57.43
Kansas	1813	Kansas	Wyandotte	15,000	80.17
Maryland	1808	Maryland	Saint Marys	55,000	86.67
Michigan	1691	Michigan	Jackson	90,000	88.71
Michigan	1781	Michigan	Kent	75,000	71.71
Michigan	1878	Michigan	Washtenaw	125,000	65
Minnesota	1886	Minnesota	Olmsted	120,000	48
Mississippi	2480	Mississippi	Jackson	34,333	75
North Carolina	1662	North Carolina	Forsyth	92,000	91
North Carolina	2605	North Carolina	Wilson	50,000	84.71
New Jersey	1907	New Jersey	Monmouth	52,672	70.71
New York	2608	New York	Tompkins	90,000	66.29

Pennsylvania	1737	Pennsylvania	Delaware	220,000	84.83
South Dakota	2606	South Dakota	Yankton	20,000	73.14
Texas	1683	Texas	Dallas	186,000	90.57
Texas	1949	Texas	Montgomery	15,000	71.71
Virginia	1828	Virginia	Stafford	50,000	84.86
West Virginia	2604	West Virginia	Ohio	100,000	64.57
Alabama	2510	Alabama	Colbert	18,000	29
Arkansas	2497	Arkansas	Pulaski	30,377	25.8
California	1199	California	Kings	59,488	52.4
California	2520	California	San Luis Obispo	6,031	24.4
Connecticut	2650	Connecticut	New London	41,000	new site
Kansas	2591	Kansas	Shawnee	40,000	40.2
Maryland	2495	Maryland	Garrett	3,000	26.4
Maine	2475	Maine	York	20,000	34.2
Maine	2489	Maine	Piscataquis	1,000	29
Maine	2501	Maine	Sagadahoc	8,700	48
New Hampshire	2496	New Hampshire	Belknap, Oxford, Cumberland, Carroll	6,500	17.4
New Hampshire	2519	New Hampshire	Sullivan	6,000	41.2
Oklahoma	2512	Oklahoma	Garfield	50,350	36.4
South Carolina	2634	South Carolina	Georgetown	12,000	new site
Tennessee	2514	Tennessee	Bradley	43,750	66.4
Texas	2527	Texas	Travis	529,541	47
Vermont	2644	Vermont	Bennington	20,000	new site
Wisconsin	1277	Wisconsin	Dane	424,000	39.8
Wyoming	2476	Wyoming	Teton	13,000	new site
Arizona	1054	Arizona	Yuma	10,873	N/A
Arizona	1212	Arizona	Maricopa	23,746	50
Arizona	1212	Arizona	Maricopa	142,520	59.5
Arizona	1212	Arizona	Maricopa	64,521	66.67
Arizona	1382	Arizona	Maricopa	50,000	34.6
Arizona	1383	Arizona	Maricopa	2,400,000	54.2
Arizona	2523	Arizona	Maricopa	130,000	22
Arizona	590	Arizona	Pima	347,900	42.4
California	215	California	Los Angeles, Ventura	4,000,000	60
California	2369	California	Kings	56,000	66.67
California	2396	California	Sutter	70,000	36.71
California	2436	California	Del Norte	15,372	N/A
California	2636	California	Placer, El Dorado, Nevada	50,000	new site
California	363	California	San Francisco	3,882	61.43
California	363	California	San Francisco	11,738	43.43
California	363	California	San Francisco	6,308	56

California	363	California	San Francisco	4,416	57.43
California	88	California	Contra Costa	487,300	44.43
Colorado	1515	Colorado	El Paso	4,779	36
Colorado	1525	Colorado	Weld	13,779	53
Colorado	1592	Colorado	Montrose	30,857	24.2
Colorado	161	Colorado	Garfield	16,714	23.6
Colorado	733	Colorado	Douglas	34,786	49.8
Colorado	737	Colorado	Alamosa	18,364	47
Colorado	751	Colorado	Mesa	89,286	49
Colorado	928	Colorado	Weld	20,000	41.75
Connecticut	534	Connecticut	Fairfield	100,000	45.75
Connecticut	832	Connecticut	New London	40,000	37.4
District of Columbia	2058	District of Columbia	District Of Columbia	3,759	N/A
District of Columbia	2312	District of Columbia	District Of Columbia	1,800,000	N/A
Delaware	1186	Delaware	Sussex	4,050	68.75
Delaware	1191	Delaware	Sussex	75,000	22.33
Florida	1606	Florida	Lee	76,800	84.6
Florida	1735	Florida	Seminole, Orange	51,000	68.2
Idaho	1023	Idaho	Latah	24,000	N/A
Idaho	1603	Idaho	Ada	117,635	53.25
Illinois	1252	Illinois	Du Page	59,805	63
Illinois	2125	Illinois	Saint Clair	32,289	61
Illinois	462	Illinois	Winnebago	353,599	52.2
Illinois	616	Illinois	Christian	12,663	29.4
Illinois	617	Illinois	Mchenry	36,552	61.4
Illinois	622	Illinois	Effingham	12,384	41.8
Illinois	624	Illinois	Stephenson	23,650	46.2
Illinois	626	Illinois	Knox	39,153	29.6
Illinois	627	Illinois	Morgan	23,818	53.5
Illinois	628	Illinois	Kankakee	56,317	63.25
Illinois	635	Chicago	Cook	125,995	44.4
Illinois	635	Illinois	Cook	1,134,897	82.43
Illinois	636	Illinois	Cook	110,394	63.86
Illinois	641	Illinois	Cook	217,106	64.57
Illinois	643	Illinois	Lake	55,735	65.2
Illinois	644	Illinois	Lake	105,208	70.2
Illinois	651	Illinois	Carroll	5,615	32.4
Illinois	653	Illinois	Macoupin	4,480	41.4
Illinois	654	Illinois	Whiteside	18,678	49.75
Illinois	674	Chicago	Cook	23,324	48.75
Illinois	731	Illinois	Bureau	5,400	41
Illinois	857	Illinois	Lawrence	4,399	65
Indiana	2357	Indiana	Hamilton	98,000	73

Indiana	772	Indiana	Monroe	67,500	60.8
Kansas	2464	Kansas	Johnson	112,076	54.6
Massachusetts	2471	Massachusetts	Suffolk	23,573	79.8
Massachusetts	2471	Massachusetts	Suffolk	24,142	49
Massachusetts	2471	Massachusetts	Suffolk	7,036	56.4
Maine	1988	Maine	Hancock	1,400	N/A
Maine	1994	Maine	Aroostook	2,400	51
Maine	1995	Maine	Kennebec	19,000	57.2
Maine	1999	Maine	Piscataquis	1,200	75.75
Maine	716	Maine	Cumberland	8,500	38
Michigan	1040	Michigan	Ottawa	3,511	33
Michigan	1049	Michigan	Allegan	3,777	50.8
Michigan	1050	Michigan	Saint Joseph	10,681	82.4
Michigan	1096	Michigan	Muskegon	32,000	38.33
Michigan	1106	Michigan	Iosco	5,000	65.67
Michigan	1125	Michigan	Marquette	25,000	N/A
Michigan	1166	Michigan	Huron	4,000	83.5
Michigan	1215	Michigan	Kent	41,000	33.5
Michigan	1216	Michigan	Midland	40,000	62
Michigan	1217	Michigan	Kent	145,000	66.75
Michigan	1585	Michigan	Kent	7,000	28.4
Michigan	1729	Michigan	Wayne	6,000	N/A
Michigan	761	Michigan	Lenawee	8,680	44.2
Michigan	762	Michigan	Washtenaw	330,000	32.93
Michigan	799	Michigan	Washtenaw	150,000	29.2
Michigan	822	Michigan	Delta	12,600	22.8
Michigan	861	Michigan	Saginaw	40,000	47.25
Michigan	890	Michigan	Ottawa	11,955	45.6
Michigan	891	Michigan	Kalamazoo	6,703	61.4
Michigan	891	Michigan	Kalamazoo	45,976	73.2
Minnesota	2226	Minnesota	Freeborn	17,930	13.8
Minnesota	2227	Minnesota	Dodge	13,919	18.4
Minnesota	2238	Minnesota	Mille Lacs	4,137	45.75
Minnesota	2240	Minnesota	Dakota	21,834	76.5
Minnesota	2245	Minnesota	Blue Earth	44,586	35.2
Minnesota	2247	Minnesota	Kanabec	3,631	30.5
Minnesota	2256	Minnesota	Pennington	9,265	23.33
Minnesota	2258	Minnesota	Kandiyohi	20,201	32
Missouri	119	Missouri	Boone	123,180	72.67
Missouri	132	Missouri	Saint Charles	58,777	49.33
Missouri	191	Missouri	Newton	15,906	53
Missouri	197	Missouri	Clay, Platte	13,940	29.33
Missouri	2068	Missouri	Laclede	15,000	new site
Missouri	253	Missouri	Audrain	11,500	66.5

Missouri	270	Missouri	Saint Louis, Saint Charles	174,537	74
Missouri	336	Missouri	Jefferson	12,293	N/A
Missouri	385	Missouri	Buchanan	27,000	65
Missouri	386	Missouri	Saint Charles	60,000	57.33
Missouri	429	Missouri	Franklin	15,000	52.33
Missouri	71	Missouri	Linn	3,979	89.5
Missouri	87	Missouri	Barry	3,300	51.67
Missouri	95	Missouri	Livingston	9,000	69.67
North Carolina	111	North Carolina	Wilson	49,384	80.2
North Carolina	1521	North Carolina	Mecklenburg	82,158	90.4
North Carolina	1523	North Carolina	Durham	142,000	85.2
North Carolina	2019	North Carolina	Cabarrus	6,898	74
North Carolina	237	North Carolina	Mcdowell	8,459	82.25
North Carolina	86	North Carolina	Wake	75,886	77.6
Nebraska	1493	Nebraska	Holt	3,700	42
Nebraska	987	Nebraska	Stanton, Madison	27,000	41
Nebraska	988	Nebraska	Lincoln	24,000	15.75
New Hampshire	2088	New Hampshire	Grafton	11,000	62
New Hampshire	2090	New Hampshire	Hillsborough	172,000	66
New Hampshire	2092	New Hampshire	Rockingham	3,500	75
New Jersey	1291	New Jersey	Passaic	54,000	80.25
New Jersey	2353	New Jersey	Morris	90,000	65
New Jersey	2354	New Jersey	Somerset	7,000	68.2
New Jersey	2423	New Jersey	Atlantic	250,000	77.6
New Mexico	2391	New Mexico	Sandoval	101,750	61
New Mexico	2394	New Mexico	Dona Ana	8,127	84.2
New Mexico	2649	New Mexico	Dona Ana	89,719	new site
New York	1008	New York	Orleans	6,191	42.67
New York	1010	New York	Monroe	155,096	47.25
New York	1021	New York	Nassau	20,616	N/A
New York	1041	New York	Suffolk	278,775	N/A
New York	1043	New York	Suffolk	3,349	N/A
New York	1078	New York	Wayne	8,931	41
New York	1098	New York	Sullivan	4,925	27.67
New York	1149	New York	Tioga	3,750	49.67
New York	1153	New York	Livingston	15,688	62.33
New York	1213	New York	Ontario	17,936	58
New York	1306	New York	Nassau	524,955	N/A
New York	1400	New York	Broome	24,672	47.8
New York	1402	New York	Clinton	20,893	58.2
New York	1403	New York	Rockland	12,676	46.33

New York	1485	New York	Westchester	78,683	26.8
New York	1487	New York	Westchester	44,876	53.6
New York	1800	New York	Dutchess	13,856	N/A
New York	1853	New York	Suffolk	7,499	N/A
New York	1854	New York	Suffolk	5,789	N/A
New York	1917	New York	Saint Lawrence	4,705	64
New York	2112	New York	Livingston	3,288	41
New York	2178	New York	Erie	6,908	37.8
New York	2180	New York	Broome	38,726	28.17
New York	2187	New York	Lewis	3,953	0
New York	2190	New York	Niagara	5,632	82.67
New York	2195	New York	Ulster	3,793	49.33
New York	2212	New York	Orange	5,672	79
New York	2213	New York	Oneida	6,076	43.67
New York	2219	New York	Oneida	3,990	60
New York	479	New York	Chenango	6,734	73.33
New York	525	New York	Onondaga	50,727	44
New York	567	New York	Fulton	23,379	60
New York	690	New York	Cortland	26,950	54.25
New York	691	New York	Herkimer	13,924	18.8
New York	718	New York	Schuyler	3,656	59.67
New York	719	New York	Nassau	24,041	N/A
New York	740	New York	Oneida	33,358	53.6
New York	836	New York	Nassau	611,349	N/A
New York	837	New York	Rockland	53,437	42.67
New York	838	New York	Rockland	207,430	53.25
New York	974	New York	Yates	5,339	33.33
New York	994	New York	Orleans	6,278	0
New York	999	New York	Chautauqua	12,616	32.8
Ohio	102	Ohio	Marion	36,000	59.4
Ohio	129	Ohio	Defiance	23,027	64.8
Ohio	134	Ohio	Montgomery	78,509	66.25
Ohio	1608	Ohio	Hocking	8,500	48.2
Ohio	170	Ohio	Butler	65,000	50.6
Ohio	204	Ohio	Portage	29,000	67
Ohio	228	Ohio	Lucas	195,577	50.6
Ohio	277	Ohio	Cuyahoga	524,154	64.6
Ohio	322	Ohio	Ottawa	7,000	30.6
Ohio	374	Ohio	Franklin	654,817	50
Ohio	382	Ohio	Clark	88,710	57.4
Ohio	388	Ohio	Jefferson	17,864	77
Ohio	422	Ohio	Trumbull	68,874	33.6
Ohio	46	Ohio	Ashtabula	31,430	50.6
Ohio	74	Ohio	Crawford	12,362	51.8

Ohio	82	Ohio	Carroll	3,500	68
Oklahoma	2571	Oklahoma	Oklahoma	107,331	N/A
Oklahoma	2573	Oklahoma	Garfield	49,583	N/A
Oklahoma	2575	Oklahoma	Oklahoma	57,288	N/A
Oklahoma	2582	Oklahoma	Tulsa	147,101	N/A
Oklahoma	2584	Oklahoma	Cherokee	16,463	N/A
Oregon	469	Oregon	Jackson	21,105	22.67
Oregon	933	Oregon	Clackamas	14,206	9
Oregon	937	Oregon	Lincoln	8,865	18.67
Oregon	939	Oregon	Lincoln	10,400	33.5
Oregon	941	Oregon	Marion	26,273	26.33
Oregon	948	Oregon	Wasco	15,276	40.5
Oregon	952	Oregon	Hood River	7,800	19.67
Pennsylvania	1358	Pennsylvania	Cumberland	25,000	73.8
Pennsylvania	1359	Pennsylvania	Erie	200,000	50
Pennsylvania	1367	Pennsylvania	Franklin	67,000	69
Pennsylvania	1370	Pennsylvania	Lehigh	200,000	71
Pennsylvania	1375	Pennsylvania	York	85,000	69.4
Pennsylvania	1530	Pennsylvania	Centre	12,000	76.14
Pennsylvania	1775	Pennsylvania	Lackawanna	15,700	46.8
Pennsylvania	1809	Pennsylvania	Chester	13,500	75.4
Rhode Island	548	Rhode Island	Providence	120,000	44.75
Rhode Island	565	Rhode Island	Kent	6,000	33
South Carolina	906	South Carolina	Lexington	40,000	89
Texas	165	Houston	Harris, Fort Bend	28,742	80.5
Texas	176	Houston	Harris	9,375	78.33
Texas	272	Houston	Harris	4,010	80
Texas	287	Houston	Harris	12,892	61.67
Texas	288	Houston	Harris	33,102	78.67
Texas	350	Houston	Harris	20,608	92
Texas	373	Houston	Harris	32,485	78
Texas	434	Houston	Harris, Fort Bend	20,920	63.67
Texas	446	Houston	Harris	20,758	75.33
Utah	1077	Utah	Wasatch	19,936	75.2
Utah	17	Utah	Utah	112,901	65.2
Utah	1	Utah	Washington	24,970	70.8
Utah	23	Utah	Summit	7,888	82.6
Utah	25	Utah	Davis	21,872	52.2
Utah	27	Utah	Washington	92,047	62.8
Utah	29	Utah	Utah	12,510	51.6
Utah	30	Utah	Salt Lake	254,971	47.4
Utah	34	Utah	Box Elder	12,451	46
Utah	3	Utah	Box Elder	21,443	74.2

Utah	6	Utah	Davis	64,533	68.6
Virginia	1830	Virginia	Albemarle, Charlottesville City	118,266	72.8
Virginia	1832	Virginia	Frederick	16,563	78.4
Virginia	2029	Virginia	Franklin	5,000	66.8
Virginia	2034	Virginia	Norfolk City	78,322	85.33
Virginia	2079	Virginia	Halifax	4,600	78.67
Virginia	2485	Virginia	Prince Edward, Cumberland	12,390	new site
Virginia	342	Virginia	Henrico, Richmond City, Goochland	225,000	75.33
Washington	1398	Washington	Grant	8,475	30.67
Washington	1512	Washington	Whitman	35,812	20.2
Washington	1757	Washington	Thurston	119,790	57.8
Washington	2124	Washington	Whatcom	16,150	69.6
Washington	661	Washington	Snohomish	37,650	38
Washington	759	Washington	Spokane	225,000	43.71
Wisconsin	115	Wisconsin	Waupaca	4,500	86.8
Wisconsin	2530	Wisconsin	Dane	106,791	78.6
Wisconsin	2532	Wisconsin	Dane	83,127	60.6
Wisconsin	331	Wisconsin	Racine	139,000	68.8
Wisconsin	364	Wisconsin	Sheboygan	70,000	58.2
West Virginia	1418	West Virginia	Marion	610	31.5
West Virginia	1865	West Virginia	Cabell	4,050	41.43
West Virginia	2551	West Virginia	Boone	4,555	48.33
West Virginia	2554	West Virginia	Wood	48,050	26
West Virginia	2558	West Virginia	Monongalia	48,328	45.69
West Virginia	2560	West Virginia	Doddridge	564	27
West Virginia	961	West Virginia	Harrison	1,853	19
Alabama	1664	Alabama	Jefferson	95,000	71.29
California	1678	California	Santa Cruz	160,000	73.29
California	1679	California	Santa Cruz	160,000	74.57
California	1687	California	Sonoma	65,000	70.5
California	1693	California	Los Angeles	3,500,000	60.43
California	1720	California	Contra Costa	100,000	66.14
California	1789	California	Orange	48,000	62.14
California	1792	California	Orange	129,000	66.57
California	1872	California	Alameda	229,476	42.4
California	1892	California	San Diego	2,200,000	72.43
California	1896	California	Santa Barbara	69,290	68.29
California	1898	California	Monterey	262,000	74.29
California	1912	California	Sonoma	28,000	75.29
California	2405	California	Mono	35,000	46.29
California	353	California	Santa Clara	1,500,000	59.93

California	383	California	Sacramento	1,480,000	72.27
California	393	California	San Mateo	199,000	51
California	834	California	Riverside	91,765	63.86
Colorado	1901	Colorado	Douglas	35,000	56
Florida	1702	Florida	Orange, Pinellas	94,218	82.55
Florida	1840	Florida	Miami-Dade	776,150	83.14
Florida	1868	Florida	Miami-Dade	829,725	88.86
Georgia	1692	Georgia	Fulton	84,486	83.86
Georgia	1714	Georgia	Muscogee, Chattahoochee	278,000	87.83
Hawaii	2302	Hawaii	Honolulu	44,000	54.43
Hawaii	2610	Hawaii	Honolulu	90,000	47.71
Kentucky	1899	Kentucky	Jefferson	423,913	78
Louisiana	2617	Louisiana	Orleans	333,406	50.57
Massachusetts	2032	Massachusetts	Worcester	250,000	72.43
Michigan	1909	Michigan	Grand Traverse	30,623	72.86
Minnesota	1883	Minnesota	Blue Earth, Nicollet	70,000	72.57
North Carolina	1894	North Carolina	Lenoir	25,000	76.86
Nebraska	2620	Nebraska	Lancaster	240,000	66
New Hampshire	1880	New Hampshire	Strafford	30,000	66.29
New Jersey	2209	New Jersey	Monmouth	50,000	85.8
New Jersey	788	New Jersey	Bergen, Hudson, Passaic, Essex, Union	1,500,000	73
Ohio	1810	Ohio	Summit, Portage	365,000	71.57
Texas	1673	Texas	Dallas	200,000	90
Texas	1765	Texas	Wichita	90,000	57.71
Texas	1948	Texas	Montgomery	70,000	88
Virginia	1908	Virginia	Carroll	3,000	83.14
Vermont	2108	Vermont	Chittenden	16,000	75.6
Wisconsin	2621	Wisconsin	Marathon	44,000	58.86

Data Table for COVID-19 Wastewater Viral Activity Level Over Time

Download Data 

Date	Viral Activity Level
2022-01-01	16.86
2022-01-08	23.6
2022-01-15	22.86
2022-01-22	19.4
2022-01-29	14.12
2022-02-05	9.23

2022-02-12	5.95
2022-02-19	3.72
2022-02-26	2.47
2022-03-05	1.62
2022-03-12	1.35
2022-03-19	1.14
2022-03-26	1.24
2022-04-02	1.18
2022-04-09	1.55
2022-04-16	2.03
2022-04-23	3.04
2022-04-30	3.87
2022-05-07	5
2022-05-14	5.58
2022-05-21	6.59
2022-05-28	7.14
2022-06-04	6.91
2022-06-11	6.66
2022-06-18	6.59
2022-06-25	7.01
2022-07-02	7.76
2022-07-09	9.15
2022-07-16	8.71
2022-07-23	9.3
2022-07-30	8.84
2022-08-06	7.83
2022-08-13	7.21
2022-08-20	6.79
2022-08-27	6.35
2022-09-03	5.65
2022-09-10	5.39
2022-09-17	4.99
2022-09-24	4.5
2022-10-01	3.69
2022-10-08	3.33
2022-10-15	3.34
2022-10-22	3.28
2022-10-29	3.89
2022-11-05	3.92
2022-11-12	3.96
2022-11-19	4.5
2022-11-26	5.25
2022-12-03	8.28
2022-12-10	8.26
2022-12-17	8.85

2022-12-24	9.27
2022-12-31	10.36
2023-01-07	8.1
2023-01-14	5.83
2023-01-21	5.39
2023-01-28	5.62
2023-02-04	5.97
2023-02-11	5.98
2023-02-18	6.15
2023-02-25	5.69
2023-03-04	5.07
2023-03-11	4.3
2023-03-18	4.45
2023-03-25	4.43
2023-04-01	3.37
2023-04-08	2.7
2023-04-15	2.71
2023-04-22	2.06
2023-04-29	1.84
2023-05-06	1.96
2023-05-13	1.88
2023-05-20	1.61
2023-05-27	1.49
2023-06-03	1.26
2023-06-10	1.11
2023-06-17	1.13
2023-06-24	1.12
2023-07-01	1.3
2023-07-08	1.5
2023-07-15	1.63
2023-07-22	1.9
2023-07-29	2.35
2023-08-05	2.84
2023-08-12	3.68
2023-08-19	3.95
2023-08-26	4.39
2023-09-02	5.08
2023-09-09	5.79
2023-09-16	5.19
2023-09-23	4.74
2023-09-30	4.4
2023-10-07	3.78
2023-10-14	3.3
2023-10-21	3.38

2023-10-28	3.39
2023-11-04	3.73
2023-11-11	4.11
2023-11-18	4.73
2023-11-25	5.17
2023-12-02	6.76
2023-12-09	7.45
2023-12-16	8.82
2023-12-23	10.55
2023-12-30	12.17
2024-01-06	11.22
2024-01-13	8.83
2024-01-20	7.01
2024-01-27	6.51
2024-02-03	5.73
2024-02-10	5.75
2024-02-17	5.6

Terms to Know

Virus levels: SARS-CoV-2 viral RNA concentrations in wastewater. RNA is the virus's genetic material.

Normalization: A statistical method to account for differences in variables such as wastewater flow rate and number of people served by a sewer system. In other words, normalization reduces excess variation (or “noise”) and helps account for things like changing population sizes or weather events that can impact wastewater. Normalized data can be compared over time and between different sites. Metrics presented on this page are based on SARS-CoV-2 viral RNA concentrations in wastewater that have been normalized. See the [NWSS Data Analytics page](#) for more information.

Sewershed: The geographic area contributing wastewater to a sampling location. Sewersheds may cross county or state boundaries. Sewersheds are referred to as “sites” on the map.

About the Data

†Data will update weekly on Friday as soon as they are reviewed and verified, oftentimes before 8 pm ET. Updates will occur the following day when reporting coincides with a federal holiday. Note: Weekly updates might be delayed due to delays in reporting.

COVID-19 Wastewater Viral Activity Level Over Time

- For more information, see About the Data on <https://www.cdc.gov/nwss/rv/COVID19-nationaltrend.html>.

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 the same site. It is calculated by first ordering the SARS-CoV-2 levels in wastewater for all samples collected since December 1, 2021 from the lowest to highest level. The ordered levels are then grouped into five categories (0-19%, 20-39%, 40-59%, 60-79%, and 80-100%) based on how low or high their levels are compared to previous levels. The levels in the 0-19% group represent the lowest levels seen at that sampling site and those in the 80-100% group represent the highest.
- Using December 1, 2021 as a starting date for all sites makes data more comparable between sites. Sites that began reporting wastewater data after December 1, 2021 are not comparable to sites that have been reporting data since December 1, 2021 or earlier because the data history for these new sites is not long enough to reflect the same surges as the other sites.

- The “New site” category means a site just started collecting wastewater samples and has reported fewer than 10 samples, which is not enough samples to meaningfully compare levels at the site over time.

Percent change in the last 15 days

- This metric shows how much normalized SARS-CoV-2 viral levels in wastewater at each site increased or decreased during the current 15-day time period. This metric does not show overall levels of SARS-CoV-2 in wastewater. Percent change compares past data to current data to show changing trends. A large percent increase does not necessarily mean SARS-CoV-2 viral levels in wastewater are high. For instance, a change from 1 unit to 2 units would be a percent change of 100%. A change from 500,000 units to 1 million units is also a percent change of 100%.
- Percent change is calculated as the modeled change over 15 days, based on linear regression of log-transformed SARS-CoV-2 levels. A site must report at least 2 samples over the 15-day period to calculate percent change. Sites with “No recent data” (colored gray on the map) reported fewer than 2 samples for the current 15-day period.

Percent of wastewater samples with detectable virus in the last 15 days

- This metric shows the percent of wastewater samples at each site that were positive for SARS-CoV-2 RNA over the last 15 days. It does not show overall levels of SARS-CoV-2 in wastewater.
- This metric is calculated by dividing the number of samples in which SARS-CoV-2 was detected at a site by the total 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 U.S. 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.

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: U.S. Department of Health and Human Services, CDC; 2024, March 01. <https://covid.cdc.gov/covid-data-tracker>

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