United States *At a Glance*

Total Hospitalizations	Total Deaths	7% 8% of People with Updated Booster Dose
6,196,122	1,081,800	
Trend in Hospital Admissions	Trends in COVID-19 Deaths	
4.4% Current	17.1% Current	

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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 through the National Wastewater Surveillance System of CDC's Traveler-based Genomic Surveillance. 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 and their partners are collecting wastewater samples, sending samples to laboratories testing data to CDC, CDC, then standardizes and analyzes the data, and shares the results. CDC's National Wastewater Surveillance System collects samples and how frequently data are reported to CDC varies by health department(s).

Wastewater data are meant to be used with other COVID-19 surveillance data to understand the level of virus in a community.

The chart shows the overall percent of sites that are currently reporting increasing, decreasing, or stable trends of SARS-CoV-2 virus in wastewater. A site is increasing if it meets virus levels were decreasing or more than 20% lower. If more than one site in the same county is reporting, the trend is based on the majority of sites. Trends are calculated using at least 3 consecutive weeks of sample data with quantifiable virus levels. 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 in the figure highlights the most recent 2 weeks, which may be subject to reporting delays.

Wastewater Metric Map

State or territory: Select a state or territory

County: Select a county/city to zoom in

Reset Selections

Time Period: May 15, 2023 – May 28, 2023

Major Cities Major Rivers

Metric:
Current virus levels in wastewater via NWSS
Percent change in virus levels
Percent of wastewater samples with detected virus
Show:
Sites with no recent data
Sites that started sampling after 10/1/21

Current virus levels in wastewater via NWSS
This metric shows whether SARS-CoV-2 levels at a site are currently higher or lower than historical levels. The historical levels are the 10th, 50th, and 90th percentiles from the last 365 days. The 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 collecting recently have a shorter history to compare to and may not reflect the usual reported reporting data on or before December 1, 2021. The data history for these new sites is too long enough to show historical levels.

Select legend categories to filter points on the map.

Show: 0% 1% to 19% 20% to 39% 40% to 59% 60% to 79% 80% to 100% No recent data

Data Downloads and Footnotes

Expand each accordion to view data notes and download data.

View Historic Wastewater Data

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

100 | Data as of Tuesday, June 6, 2023 08:00:01 | Posted: Tuesday, June 6, 2023 08:00:01

Download Data

Jurisdiction	Jurisdiction Abbreviation	Reporting Jurisdiction	County	County FIPS	Population Served	Percentile	Date of Most Recent Sample
South Dakota	46	South Dakota	Beadle	46005	19,089		
South Dakota	46	South Dakota	Brookings	46011	35,000		
Tennessee	1,063	Tennessee	Davidson, Rutherford, Williamson		669,000		
Tennessee	1,063	Tennessee	Shelby	47157	930,000		10-Jun
Tennessee	1,063	Tennessee	Sumner	47165	43,000		
Tennessee	1,063	Tennessee	Chester	47023	17,000		27-Jun
Texas	1131	Texas	Kaufman	48,765	0		
Texas	1,131	Texas	Dallas	48113	1,300,000		
Texas	1,131	Texas	Dallas	48113	500,000		
Texas	1,131	Texas	Dallas	48113	1,300,000		
Texas	588	Texas	Dallas	48113	1,300,000		
Texas	588	Texas	El Paso	48141	165,000		new site
Texas	588	Texas	El Paso	48141	165,000		
Texas	467	Texas	Galveston	48,291	29,000		29.2
Texas	467	Texas	El Paso	48141	165,000		29.2
Texas	381	Texas	El Paso	48,141	165,000		29.2
Texas	381	Texas	El Paso	48141	165,000		29.2
Texas	381	Texas	Dallas	48113	1,300,000		
Texas	467	Texas	Webb	48,479	14,000		13.8
Virginia	1,196	Virginia	Hanover	51,085	19,000		13.8
Virginia	1196	Virginia	Norfolk City	76,323	N/A		
Virginia	1196	Virginia	York	51,199	68,000		
Virginia	1196	Virginia	Wise	51,195	23,000		
Virginia	1,196	Virginia	City of Alexandria, Arlington	51,510	250,000		
Virginia	1,214	Virginia	Prince George City	51,730	36,000		
Virginia	1,214	Virginia	Prince William	51,153	470,000		
Virginia	890	Virginia	Colonial Heights City, Dinwiddie County, George, Chesterfield County	51,053	63,000		
South Dakota	1,066	South Dakota	Lincoln, Minnehaha	2,73,093			new site
South Carolina	599	South Carolina	Greenville	45,045	70,000		
South Carolina	599	South Carolina	Greenwood	12,043	15		
South Carolina	599	South Carolina	Greenville	45,045	70,000		
South Carolina	1541	South Carolina	Horry	30,051	11,4		
South Carolina	1,541	South Carolina	Horry	45,051	69,000		new site
South Carolina	1,525	South Carolina	Georgetown	12,043	7,500		
Rhode Island	1,525	Rhode Island	Kent	44,003	15,000		
Rhode Island	525	Rhode Island	Kent	44,003	15,000		
Rhode Island	648	Rhode Island	Providence	120,000	1,2		
Rhode Island	1,214	Rhode Island	Providence	44,007	120,000		
Rhode Island	1,214	Rhode Island	Kent	53,000	45,000		
Rhode Island	1,214	Rhode Island	Kent	44,003	15,000		
Pennsylvania	1611	Pennsylvania	Lackawanna	44,069	12,8		
Pennsylvania	1,611	Pennsylvania	Lackawanna	42,069	12,8		
Pennsylvania	1,611	Pennsylvania	Lackawanna	42,069	12,8		
Pennsylvania	1,611	Pennsylvania	Butler, Allegheny	41,000	9,25		
Pennsylvania	1,611	Pennsylvania	Montgomery	42,091	1,1		
Pennsylvania	1,981	Pennsylvania	Montgomery	13,091	3,3		
Oklahoma	1,981	Oklahoma	Bonham	40,181	1,2		
Oklahoma	507	Oklahoma	Garfield	40,047	60,000		
Oklahoma	507	Oklahoma	Tulsa	40,143	2,3		
New York City	1,552	New York City	Richmond	36,085	476,000		
New York City	551	New York City	Kings	736,907	13,5		
New York City	551	New York City	Kings	36,047	2,559,903		
New York City	541	New York City	Kings	36,047	2,559,903		
New York City	541	New York City	Kings	36,047	2,559,903		
New York City	505	New York City	Queens	36,081	2,278,029		
New York City	505	New York City	Queens	41027,2	16,8		
Nevada	777	Nevada	Clark	32,003	2,265,461		
Nevada	777	Nevada	Clark	32,003	2,265,461		
Nevada	777	Nevada	Clark	246,258	20		
Nevada	731	Nevada	Clark	32,003	2,265,461		
Nevada	603	Nevada	Clark	32,003	33,4		
Nevada	603	Nevada	Washoe	32,031	33,4		
Nevada	1063	Nevada	Clark	184,002	10		
New Mexico	1,541	New Mexico	Bernalillo	35,001	676,444		
New Mexico	1541	New Mexico	Sandoval, Bernalillo	35,043	676,444		
New Mexico	1,586	New Mexico	Los Alamos	13,939	41,2		
New Jersey	1,586	New Jersey	Monmouth	41,005	630,380		
New Jersey	1,453	New Jersey	Monmouth	41,005	N/A		
New Jersey	1,453	New Jersey	Passaic	41,003	501,226		
New Hampshire	497	New Hampshire	Merrimack	43,000	12		
New Hampshire	280	New Hampshire	Carroll	23,043	14,70		
North Dakota	1,213	North Dakota	Stark	53,089	13,5		
North Dakota	1,963	North Dakota	Grand Forks	47,005	4,8		
North Carolina	1,524	North Carolina	Mecklenburg	37,119	1,115,482		
North Carolina	1,524	North Carolina	Rowan	12,045	4		
North Carolina	1,524	North Carolina	Rowan	12,045	4		
North Carolina	1198	North Carolina	Surry	10,000	5,4		
Minnesota	1,198	Minnesota	Carver	27,019	106,322		
Minnesota	1,198	Minnesota	Hinds	27019	106,322		
Minnesota	1,198	Minnesota	Hennepin	27,053	1,265,843		
Minnesota	1,198	Minnesota	Scott, Carver, Hennepin	27,139	1,265,843		
Minnesota	783	Minnesota	Washington, Hennepin, Dakota, Anoka, Ramsey	1,093,068	4,4		
Maine	716	Maine	Cumberland	8,343	24,2		
Maine	716	Maine	Cumberland	8,343	24,2		
Maine	716	Maine	York	8,343	24,2		
Maine	1,802	Maine	York	21,000	N/A		
Maryland	686	Maryland	Allegany	24,001	68,106		
Maryland	686	Maryland	Allegany	45,000	N/A		
Maryland	686	Maryland	Worcester	24,047	52,000		
Maryland	347	Maryland	Howard	270,000	18,4		
Maryland	1,068	Maryland	Howard	24,027	270,000		
Maryland	1,068	Maryland	Anne Arundel	24,003	150,000		
Maryland	1,068	Maryland	Anne Arundel	24,003	150,000		new site
Maryland	1,068	Maryland	Anne Arundel	24,003	150,000		
Maryland	1,061	Maryland	Anne Arundel	41,000	14,5		
Maryland	1,061	Maryland	Anne Arundel	41,000	14,5		
Massachusetts	475	Massachusetts	Hampden	25,000	23,4		
Massachusetts	475	Massachusetts	Hampden	25,013	23,4		
Louisiana	1,521	Louisiana	Orleans	998,000	11		
Louisiana	1,521	Louisiana	Orleans	998,000	11		
Louisiana	1,521	Louisiana	Jefferson	41,000	10		
Louisiana	1052	Louisiana	Jefferson	47,000	10		
Louisiana	1,052	Louisiana	Lafayette	15,000	new site		
Louisiana	1601	Louisiana	Lafayette	15,000	new site		
Louisiana	1,601	Louisiana	Lafayette	27,000	new site		
Louisiana	1,026	Louisiana	Lafayette	27,000	new site		
Louisiana	1,026	Louisiana	Jefferson	41,000	10		
Louisiana	1,026	Louisiana	Jefferson	100,000	5		
Louisiana	1,026	Louisiana	Saint Tammany	100,000	5		
Louisiana	1,607	Louisiana	Jefferson	300,000	new site		
Louisiana	1,607	Louisiana	Jefferson	300,000	new site		
Louisiana	1114	Louisiana	East Baton Rouge	42,712	10,3		
Louisiana	1,114	Louisiana	East Baton Rouge	42,712	10,3		
Kansas	1,800	Kansas	Shawnee	20,177	177,934		
Kansas	1,800	Kansas	Ford	27,000	17,700		
Kansas	1,800	Kansas	Johnson	20,091	12,5		
Kansas	1,800	Kansas	Johnson	42,235	6,2		
Kansas	838	Kansas	Johnson	20,091	600,000		
Kansas	838	Kansas	Johnson	20,091	8,8		
Kansas	838	Kansas	Johnson	20,091	8,8		
Indiana	1,950	Indiana	Allen	315,000	1,75		
Indiana	1,950	Indiana	Allen	315,000	1,75		
Indiana	1,949	Indiana	St Joseph	18,141	268,000		
Indiana	1,949	Indiana	Vigo	18,165	2		
Illinois	1,273	Illinois	Dekalb	17,037	1,2		
Illinois	1,273	Illinois	Dekalb	16,000	new site		
Illinois	1,273	Illinois	Kankakee	17,091	109,000		
Illinois	1,273	Illinois	Kankakee	17,091	109,000		
Illinois	680	Illinois	Cook	17,031	5,275,000		
Illinois	680	Chicago	Cook	300,000	N/A		
Illinois	680	Chicago	Cook	300,000	5,275,000		
Iowa	546	Iowa	Johnson	19,849	8,5		
Iowa	546	Iowa	Johnson	19,849	8,5		new site
Iowa	1,449	Iowa	Mahaska	8,357	22,000		
Iowa	1,449	Iowa	Mahaska	8,357	22,000		
Hawaii	798	Hawaii	Honolulu	15,003	1,000,890		
Hawaii	798	Hawaii	Honolulu	48,015	17,2		
Hawaii	710	Hawaii	Honolulu	15,003	1,000,890		
Hawaii	710	Hawaii	Kauai	10,000	7		
Hawaii	710	Hawaii	Kauai	10,000	7		
Hawaii	1175	Hawaii	Maui	52,000	N/A		
Hawaii	1,175	Hawaii	Maui	52,000	164,000		
Georgia	1,498	Guam	Guam	6,000	20		
Georgia	1498	Guam	Guam	6,000	20		
Georgia	686	Georgia	Dekalb	320,095	19,75		
Georgia	1,199	Georgia	Richmond	13	200,000		
Georgia	1199	Georgia	Lowndes	13,049	104		
Florida	971	Florida	Pinellas	12,103	1,000,000		
Florida	971	Florida	Pinellas	12,103	1,000,000		
Florida	1,006	Florida	Pinellas	110,000	12,4		
Florida	1006	Florida	Lee	76,463	new site		
Florida	1006	Florida	Lee	12,071	760,000		
Florida	1551	Florida	Palm Beach	300,000	20,4		
Florida	1,551	Florida	Palm Beach	12,099	1,500,000		
Florida	1,551	Florida	Pinellas	12,103	1,000,000		
Florida	1,808	Florida	Seminole, Orange	85,760	N/A		
Florida	1,808	Florida	Hillsborough	12,057	1,459,762		
Connecticut	806	Connecticut	Fairfield	45,000	N/A		
Connecticut	771	Connecticut	Windham	9,000	N/A		
Connecticut	771	Connecticut	Fairfield	120,000	8,8		
Connecticut	2,003	Connecticut	Fairfield	9,001	8,8		
Connecticut	2,003	Connecticut	Fairfield	43,878	454,000		
Connecticut	1,196	Connecticut	New London	9,000	4,5		
Connecticut	1196	Connecticut	New Haven	9,000	4,8		
Connecticut	1,196	Connecticut	New London	9,000	4,8		
Connecticut	1079	Connecticut	New Haven	136,000	6,4		
Colorado	1,525	Colorado	Larimer	8,069	4,5		
California	803	California	Santa Cruz	150,000	10,4		
California	803	California	Santa Cruz	150,000	10,4		
California	803	California	San Luis Obispo	15,000	10,4		
California	778	California	Lake	10,000	N/A		
California	778	California	Contra Costa	11,013	1,153,526		
California	576	California	Sonoma	120,000	2		
California	576	California	Alameda	120,000	2		
California	596	California	Ventura, Los Angeles	100,000	8,25		
California	596	California	Solano	12,095	8,25		
California	576	California	Santa Cruz	12,010	10,4		
California	576	California	Santa Cruz	12,010	new site		
California	1,961	California	San Luis Obispo	4,369	49,4		
California	1,961	California	Imperial	25,000	1,500,000		
California	1,881	California	Monterey	250,000	19,6		
California	1,881	California	Monterey	250,000	19,6		
California	1,881	California	Monterey	250,000	19,6		
California	1,519	California	Lake	5,000	47		
Arizona	1,525	Arizona	Mohave	150,153	1,2		
Arizona	501	Arizona	La Paz	3,000	19,4		
Arizona	501	Arizona	Mohave	20,000	19,4		
Arizona	1,271	Arizona	Pima	33,000	11		
Arizona	1,271	Arizona	Pinal	33,000	11		
Arkansas	1,583	Arkansas	Pulaski	19,000	11		
Arkansas	1,583	Arkansas	Ouachita	15,000	11		
Arkansas	1,583	Arkansas	Pulaski	19,000	11		
Arkansas	1,584	Arkansas	Garland	52,000	20		
Arkansas	1,584	Arkansas	Garland	52,000	20		
Arkansas	1,537	Arkansas	Benton	17,737	14,2		
Arkansas	1,537	Arkansas	Benton	17,737	14,2		
Arkansas	1,863	Arkansas	White	35,000	4		
Arkansas	1,863	Arkansas	Saline	35,000	4		
Arkansas	1,863	Arkansas	Marshall	5,000	4,5		
Alabama	1,864	Alabama	Lee	15,000	21,2		
Alabama	1,864	Alabama	Shelby	15,000	21,2		
Alaska	1172	Alaska	Anchorage	200,000	29		
Vermont	1,797	Vermont	Chittenden	10,000	19,4		
Vermont	1797	Vermont	Chittenden	10,000	new site		
Vermont	1,797	Vermont	Washington	10,000	19,4		
Vermont	1,797	Vermont	Chittenden	10,000	new site		
Vermont	2,007	Vermont	Chittenden	10,000	new site		
Washington	496	Washington	King, Snohomish	2,231,000	1,2		
Washington	496	Washington	Snohomish	112,100	1,2		
Washington	335	Washington	Snohomish	15,000	8,2		
Washington	661	Washington	Snohomish	37,000	19,4		
Washington	661	Washington	Snohomish	37,000	19,4		
Washington	1,277	Washington	Clark	184,000	1,2		
Washington	1,277	Washington	Clark	184,000	10,4		
Wisconsin	1277	Wisconsin	Dane	184,000	10,4		
Wyoming	1,163	Wyoming	Sheridan	30,000	2,67		
Wyoming	1,163	Wyoming	Laramie	30,000	2,67		
Arizona	1,512	Arizona	Maricopa	15,746	N/A		
Arizona	1,512	Arizona	Maricopa	15,746	N/A		
Arizona	1055	Arizona	Yuma	19,000	60,4		
Arizona	1,055	Arizona	Yuma	19,000	60,4		
Arizona	1212	Arizona	Maricopa	43,000	N/A		
Arizona	1,212	Arizona	Maricopa	43,000	N/A		
California	2,003	California	Los Angeles	4,000,000	N/A		
California	2,003	California	Los Angeles, Ventura	4,000,000	N/A		
California	2,003	California	Kern	1,750,000	1,2		
California	2,003	California	San Joaquin	43,498	N/A		
California	2,003	California	San Joaquin	43,498	N/A		
California	215	California	Los Angeles, Ventura	4,000,000	N/A		
California	215	California	Orange	3,000,000	N/A		
California	215	California	Santa Clara	110,338	N/A		
California	215	California	Santa Clara	110,338	N/A		
California	361	California	San Mateo, San Francisco	720,000	N/A		

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Wastewater Surveillance

Wastewater Metric Map

Data Downloads and Footnotes

Terms to Know

Publication Date and Data

Wastewater Metric Maps

Data Downloads

Terms to Know

Publication Date and Data

California	343	San Mateo, San Francisco	750,000
California	344	Los Angeles	10,000,000
California	345	San Mateo	749,000
California	346	Los Angeles	10,000,000
California	347	Contra Costa	607,000
California	348	Los Angeles	10,000,000
California	1196	Calaveras	5,713
California	1197	Lassen	34,895
California	1198	Shasta	178,605
California	1199	Lassen	17,597
California	1200	Shasta	178,605
California	1323	Colusa	18,804
California	1324	Glenn	28,393
California	1325	Colusa	18,804
California	1326	Douglas	48,905
California	1703	Calaveras	45,578
California	1704	Nevada	98,764
California	1705	Sierra	3,240
California	1818	Alameda	1,610,921
California	1819	Boulder	51,429
California	2225	Alameda	1,610,921
California	2226	Boulder	17,605
California	2227	Lassen	34,895
California	2322	Sierra	198,964
California	2323	Lassen	34,895
California	2324	San Miguel	6,594
California	4357	Lassen	5,242
California	4358	Lassen	34,895
California	5136	Mingan	12,000
California	5137	Boyd	5,752
California	6107	Lassen	34,895
California	6108	Sierra	198,964
California	6109	Alameda	1,610,921
California	7481	Eagle	21,071
California	7482	Alameda	1,610,921
California	8405	Sierra	198,964
California	8406	Lassen	34,895
District of Columbia	2058	District Of Columbia	6,793
District of Columbia	2059	District Of Columbia	1,000,000
Delaware	1184	Delaware	644
Delaware	1185	Delaware	5,000
Delaware	1191	Delaware	5,000
Florida	1192	Orange, Seminole	1,000,000
Georgia	1271	Gwinnett	450,000
Georgia	1272	Gwinnett	450,000
Georgia	1273	Gwinnett	450,000
Georgia	1274	Paulding	5,000
Georgia	1275	Forsyth	39,500
Georgia	2274	Pulaski	11,000
Idaho	1933	Idaho	24,000
Idaho	1934	Bonneville	43,000
Idaho	1987	Twin Falls	64,811
Idaho	1988	Bonneville	43,000
Idaho	1989	Twin Falls	64,811
Idaho	1467	Minidoka	4,200
Idaho	1468	Ada	112,000
Idaho	1850	Kootenai	24,000
Idaho	1851	Ada Nonce	5,000
Idaho	1916	Canyon	100,200
Illinois	1201	Cook	5,000,000
Illinois	1202	Mchenry	308,000
Illinois	1330	Du Page	40,438
Illinois	1331	Lake	6,425
Illinois	1352	Du Page	39,805
Illinois	1353	Will	32,000
Illinois	1326	Saint Clair	45,000
Illinois	1327	Madison	5,000
Illinois	1328	Saint Clair	45,000
Illinois	1617	Iroquois	4,700
Illinois	1618	Du Page	39,805
Illinois	1844	Mchenry	10,240
Illinois	1845	Sangamon	10,000
Illinois	2125	Saint Clair	32,200
Illinois	2126	Madison	5,000,000
Illinois	2127	Saint Clair	45,000
Illinois	616	Christian	5,663
Illinois	617	Mchenry	10,240
Illinois	622	Effingham	12,384
Illinois	623	Clay	5,000
Illinois	624	Stephenson	27,218
Illinois	625	Lake	6,425
Illinois	626	Kankakee	32,217
Illinois	627	Kankakee	32,217
Illinois	628	Kankakee	32,217
Illinois	635	Cook	1,104,897
Illinois	636	Cook	15,284
Illinois	637	Cook	1,5098
Illinois	638	Cook	1,104,897
Illinois	639	Cook	15,284
Illinois	640	Cook	15,735
Illinois	644	Lake	6,425
Illinois	645	Lake	136,629
Illinois	650	Bureau	27,814
Illinois	650	Adams	53,695
Illinois	651	Carroll	5,814
Illinois	652	Shelby	4,301
Illinois	653	Shelby	4,301
Illinois	654	Shelby	4,301
Illinois	674	Chicago	22,524
Illinois	675	Chicago	22,524
Illinois	675	Chicago	17,794
Illinois	676	Bureau	27,814
Illinois	857	Lawrence	4,295
Illinois	858	Lawrence	4,295
Illinois	859	Du Page	39,805
Indiana	1456	Clark	21,000
Indiana	1457	Jasper	5,000
Indiana	1479	Elkhart	20,000
Indiana	1480	Elkhart	20,000
Indiana	1479	Benton	600,000
Indiana	1480	Benton	5,000
Kentucky	1773	Kentucky	5,000
Kentucky	1774	Russell	5,400
Kentucky	1775	Kentucky	5,000
Kentucky	1776	Powell	5,600
Kentucky	2134	Kentucky	1,5907
Kentucky	2135	Kentucky	5,000
Kentucky	2136	Kentucky	1,5907
Louisiana	1567	Lafayette	5,000
Louisiana	1568	Livingston	12,342
Louisiana	1569	Lafourche	96,000
Louisiana	1567	Terrebonne	50,000
Louisiana	1568	Calcasieu	5,000
Louisiana	1966	Jefferson	17,700
Louisiana	1967	Lafayette	5,000,000
Louisiana	1968	Livingston	12,342
Louisiana	2011	Red River	3,858
Louisiana	2012	Lafayette	5,000,000
Louisiana	2355	Saint Tammany	10,000
Maine	1941	Penobscot	5,000
Maine	2001	Cumberland	34,000
Maine	2002	Penobscot	5,000
Michigan	1488	Michigan	2,000
Michigan	1489	Allegan	2,777
Michigan	1490	Saint Joseph	5,000
Michigan	1988	Chippewa	4,346
Michigan	1989	Manistee	6,754
Michigan	1990	Manistee	6,754
Michigan	1991	Chippewa	4,346
Michigan	1992	Manistee	6,754
Michigan	1996	Muskegon	12,000
Michigan	1997	Muskegon	12,000
Michigan	1135	Menominee	5,992
Michigan	1136	Ionia	4,000
Michigan	1125	Marquette	3,500
Michigan	1126	Muskegon	12,000
Michigan	1127	Muskegon	12,000
Michigan	1214	Kent	40,000
Michigan	1215	Kent	41,454
Michigan	1216	Midland	40,000
Michigan	1217	Kent	41,454
Michigan	1339	Isabella	7,973
Michigan	1340	Kent	41,454
Michigan	1397	Newaygo	21,000
Michigan	1398	Muskegon	12,000
Michigan	1399	Newaygo	21,000
Michigan	1729	Wayne	5,000
Michigan	1728	Wayne	5,000
Michigan	1729	Wayne	23,500
Michigan	1730	Wayne	5,000
Michigan	1731	Macomb	3,900
Michigan	1732	Macomb	5,000
Michigan	2095	Baraga	1,000
Michigan	2096	Eaton	32,000
Michigan	2097	Muskegon	12,000
Michigan	761	Lenawee	8,680
Michigan	762	Washtenaw	100,000
Michigan	760	Washtenaw	100,000
Michigan	761	Lenawee	8,680
Michigan	762	Saginaw	10,000
Michigan	888	Calhoun	10,000
Michigan	889	Ottawa	7,000
Michigan	896	Ottawa	11,955
Michigan	897	Kalamazoo	5,000
Michigan	891	Kalamazoo	4,703
Michigan	892	Kalamazoo	5,000
Michigan	893	Kalamazoo	11,246
Michigan	891	Kalamazoo	11,246
Michigan	892	Kalamazoo	4,703
Michigan	891	Kalamazoo	194,176
Michigan	892	Bay	5,000
Michigan	897	Oakland, Macomb	1,460,000
Missouri	1139	Saint Louis	5,000
Missouri	1140	Boone	5,000
Missouri	132	Saint Charles	38,777
Missouri	133	Saint Charles	38,777
Missouri	136	Madison	4,000
Missouri	137	Madison	4,000
Missouri	197	Clay, Platte	13,846
Missouri	198	Platte City	13,846
Missouri	199	Clay	13,846
Missouri	237	Saline	10,113
Missouri	238	Saline	10,113
Missouri	239	Webster	20,000
Missouri	240	Nodaway	12,000
Missouri	241	Audrain	25,000
Missouri	259	Barry, Lawrence, Stone	5,000
Missouri	260	Barry, Lawrence, Saint Louis	5,000
Missouri	267	Saint Louis	110,885
Missouri	268	Saint Louis	110,885
Missouri	269	Jefferson, Saint Louis, Saint Charles	30,738
Missouri	270	Madison	5,000
Missouri	278	Newton	12,000
Missouri	279	Franklin, Saint Louis	5,000
Missouri	398	Phelps	13,000
Missouri	399	Phelps	13,000
Missouri	390	Perry	10,730
Missouri	391	Perry	10,730
Missouri	392	Saint Charles	38,777
Missouri	393	Johnson	11,865
Missouri	394	Franklin	5,000
Missouri	64	Saint Francois	7,165
Missouri	65	Taney	5,000
Missouri	71	Lott	3,975
Missouri	72	Campbell, Clinton, Lott	3,975
Missouri	81	Cape Girardeau, Scott	63,540
Missouri	82	Scott	63,540
Missouri	87	Barry	5,300
Missouri	88	Barry	5,300
Missouri	89	Monroe	5,000
Montana	1255	Gallatin	1,272
Montana	1256	Lewis And Clark	57,135
Montana	1257	Montana	Lewis And Clark	57,135
North Carolina	1520	North Carolina	Wilson	5,000
North Carolina	1521	North Carolina	Mecklenburg	62,738
North Carolina	1522	North Carolina	Wilson	5,000
North Carolina	1523	North Carolina	Pitt	5,000
North Carolina	2014	North Carolina	Gaston	18,944
North Carolina	2015	North Carolina	Catawba	23,412
North Carolina	2016	North Carolina	Gaston	18,700
North Carolina	2017	North Carolina	Cabarrus	48,000
North Carolina	2018	North Carolina	Mcdowell	6,450
North Carolina	2019	North Carolina	Gaston	18,944
Nebraska	1472	Nebraska	Platte	10,000
Nebraska	1473	Nebraska	Dodge	28,000
Nebraska	1474	Nebraska	Adams	30,000
Nebraska	1475	Nebraska	Douglas	200,000
Nebraska	1476	Nebraska	Douglas	200,000
Nebraska	1477	Nebraska	Scotts Bluff	10,000
Nebraska	987	Nebraska	Gosper, Madison	27,000
New Hampshire	2484	Cheshire	Hampshire	5,000
New Hampshire	2485	Hampshire	Grafton	12,000
New Hampshire	2967	Hampshire	Rockingham	20,000
New Hampshire	2991	Hampshire	Hillsborough	5,000
New Jersey	1358	Mercer	Gloucester	7,000
New Mexico	1359	New Mexico	Sandoval	157,742
New York	1564	New York	Erie	2,954,000
New York	1565	New York	Chautauqua	22,541
New York	1566	New York	Erie	2,954,000
New York	1910	New York	Monroe	735,096
New York	1911	New York	Cattaraugus	5,000
New York	1912	New York	Erie	43,961
New York	1913	New York	Monroe	735,096
New York	1914	New York	Suffolk	1,500,000
New York	1915	New York	Suffolk	6,349
New York	1916	New York	Wayne	93,772
New York	1917	New York	Dutchess	28,207
New York	1918	New York	Suffolk	6,349
New York	1199	New York	Tioga	4,797
New York	1200	New York	Tioga	4,797
New York	1201	New York	Livingston	11,000
New York	1176	New York	Oneida	5,000
New York	1177	New York	Oneida	5,000
New York	1306	New York	Nassau	534,555
New York	1307	New York	Broome	5,000
New York	1308	New York	Broome	19,613
New York	1309	New York	Nassau	534,555
New York	1482	New York	Rockland	5,000
New York	1483	New York	Rockland	12,676
New York	1484	New York	Westchester	69,651
New York	1485	New York	Westchester	78,665
New York	1486	New York	Westchester	69,651
New York	1487	New York	Westchester	525,763
New York	1853	New York	Suffolk	1,500,000
New York	1854	New York	Suffolk	6,349
New York	1855	New York	Suffolk	1,789
New York	1856	New York	Saint Lawrence	4,150
New York	1706	New York	Clinton	5,552
New York	1707	New York	Suffolk	1,500,000
New York	1709	New York	Suffolk	28,100
New York	1710	New York	Suffolk	6,349
New York	2711	New York	Orange	5,000
New York	2712	New York	Livingston	5,288
New York	2713	New York	Albany	5,000
New York	2775	New York	Albany	80,932
New York	2776	New York	Onondaga	5,000
New York	2775	New York	Tompkins	9,770
New York	2776	New York	Erie	43,961
New York	2777	New York	Erie	2,954,000
New York	2147	New York	Lewis	3,953
New York	2148	New York	Orange	5,000
New York	2150	New York	Oswego	8,845
New York	2151	New York	Dutchess	28,207
New York	2195	New York	Ulster	5,793
New York	2196	New York	Madison	5,000
New York	2212	New York	Orange	5,000
New York	2213	New York	Onondaga	5,000
New York	2219	New York	Onondaga	5,000
New York	2304	New York	Nassau	8,288
New York	2305	New York	Orange	5,000
New York	475	New York	Chenango	6,734
New York	476	New York	Chenango	6,734
New York	510	New York	Madison	4,000
New York	511	New York	Madison	4,000
New York	512	New York	Steuben	5,000
New York	520	New York	Onondaga	35,552
New York	521	New York	Onondaga	35,579
New York	525	New York	Onondaga	32,727
New York	526	New York	Onondaga	35,552
New York	52	New York	Steuben	5,941
New York	53	New York	Steuben	5,000
New York	54	New York	Cortland	5,000
New York	691	New York	Herkimer	5,834
New York	692	New York	Saint Lawrence	4,150
New York	717	New York	Montgomery	19,679
New York	718	New York	Schuyler	5,000
New York	719	New York	Nassau	29,997
New York	720	New York	Nassau	29,997
New York	721	New York	Nassau	29,997
New York	838	New York	Nassau	311,349
New York	839	New York	Nassau	311,349
New York	838	New York	Rockland	207,456
New York	839	New York	Dutchess	5,000
New York	994	New York	Orleans	5,279
New York	995	New York	Monroe	735,096
Ohio	151	Ashtabula	Lake	5,000
Ohio	152	Ashtabula	Ashtabula	12,000
Ohio	153	Ashtabula	Ashtabula	12,000
Ohio	129	Ashtabula	Ashtabula	12,000
Ohio	130	Ashtabula	Ashtabula	12,000
Ohio	131	Ashtabula	Ashtabula	12,000
Ohio	140	Ohio	Belmont	13,109
Ohio	141	Ohio	Belmont	13,109
Ohio	1007	Ohio	Hancock	4,500
Ohio	1008	Ohio	Hocking	4,500
Ohio	1009	Ohio	Carroll	5,814
Ohio	170	Ohio	Butler	63,000
Ohio	171	Ohio	Butler	63,000
Ohio	172	Ohio	Butler	63,000
Ohio	219	Ohio	Allen	41,000
Ohio	220	Ohio	Hamilton	10,000
Ohio	221	Ohio	Medina	30,000
Ohio	228	Ohio	Lucas	5,000
Ohio	229	Ohio	Lucas	149,277
Ohio	230	Ohio	Lucas	5,000
Ohio	276	Ohio	Cuyahoga	242,748
Ohio	277	Ohio	Cuyahoga	242,748
Ohio	278	Ohio	Cuyahoga	242,748
Ohio	279	Ohio	Cuyahoga	103,479
Ohio	310	Ohio	Licking	5,000
Ohio	311	Ohio	Wood	21,000
Ohio	312	Ohio	Wood	21,000
Ohio	313	Ohio	Cuyahoga	242,748
Ohio	314	Ohio	Cuyahoga	242,748
Ohio	315	Ohio	Jefferson	5,000
Ohio	398	Ohio	Lucas	372,268
Ohio	424	Ohio	Trumbull	48,412
Ohio	426	Ohio	Fayette	14,000
Ohio	427	Ohio	Fulton	5,000
Ohio	450	Ohio	Mahoning	42,469
Ohio	451	Ohio	Mahoning	42,469
Ohio	452	Ohio	Mahoning	42,469
Ohio	72	Ohio	Athens	5,000
Ohio	73	Ohio	Williams	6,655
Ohio	74	Ohio	Williams	6,655
Ohio	92	Ohio	Lorain	6,000
Ohio	93	Ohio	Lorain	6,000
Ohio	94	Ohio	Pickaway	5,000
Oregon	469	Oregon	Jackson	21,105
Oregon	470	Oregon	Linn	5,000
Oregon	930	Oregon	Clatsop	11,326
Oregon	931	Oregon	Deschutes	5,000
Oregon	932	Oregon	Clackamas	18,290
Oregon	933	Oregon	Tillamook	5,000
Oregon	934	Oregon	Yamhill	12,000
Oregon	935	Oregon	Lincoln	10,400
Oregon	936	Oregon	Lincoln	10,400
Oregon	944	Oregon	Washington	5,900
Oregon	945	Oregon	Washington	27,000
Oregon	952	Oregon	Wood River	7,800
Oregon	953	Oregon	Lane	5,000
Oregon	954	Oregon	Lane	5,000
Pennsylvania	1352	Pennsylvania	Bedford	10,946
Pennsylvania	1353	Pennsylvania	Montgomery	80,000
Pennsylvania	1354	Pennsylvania	Cumberland	12,000
Pennsylvania	1355	Pennsylvania	Erie	200,000
Pennsylvania	1356	Pennsylvania	Westmoreland	5,000
Pennsylvania	1357	Pennsylvania	Indiana	28,809
Pennsylvania	1358	Pennsylvania	Lehigh	290,000
Pennsylvania	1359	Pennsylvania	Lehigh	290,000
Pennsylvania	1375	Pennsylvania	York	40,000
Pennsylvania	1376	Pennsylvania	Westmoreland	5,000
Pennsylvania	1377	Pennsylvania	Indiana	28,809
Pennsylvania	1378	Pennsylvania	Lehigh	290,000
Pennsylvania	1379	Pennsylvania	Lehigh	290,000
Pennsylvania	1776	Pennsylvania	Mercer	19,000
Pennsylvania	1808	Pennsylvania	Northampton	10,000
Pennsylvania	1809	Pennsylvania	Chester	12,500
Pennsylvania	2217	Philadelphia	Philadelphia	5,000,000
Pennsylvania	2218	Philadelphia	Philadelphia	517,284
Texas	1170	South Carolina	Lexington	5,000,000
Texas	715	Houston	Harris, Fort Bend	5,000
Texas	716	Houston	Harris, Fort Bend	5,000
Texas	1003	Texas	Denton	5,000
Texas	1004	Texas	Denton	180,997
Texas	275	Houston	Harris	4,010
Texas	276	Houston	Harris	4,010
Texas	288	Houston	Harris	10,152
Texas	289	Houston	Harris	10,152
Texas	290	Houston	Harris	10,152
Texas	436	Houston	Harris, Fort Bend	5,000
Texas	437	Houston	Harris	5,000

Texas 446 Houston Harris 20,758 38.67
Utah 1077 Utah Wasatch 19,936 10.2
Utah 11 Utah Salt Lake 89,507 17.2
Utah 17 Utah Utah 112,901 15.4
Utah 1 Utah Washington 24,970 24.2
Utah 23 Utah Summit 8,530 26
Utah 25 Utah Davis 21,872 37.6
Utah 27 Utah Washington 92,047 27.2
Utah 29 Utah Utah 12,510 21.2
Utah 30 Utah Salt Lake 254,971 13.6
Utah 31 Utah Utah 35,840 11.4
Utah 32 Utah Tooele 36,244 13.2
Utah 34 Utah Box Elder 12,451 33.6
Utah 3 Utah Box Elder 21,443 18.8
Utah 6 Utah Davis 64,533 15.6
Utah 7 Utah Salt Lake 515,494 13.8
Virginia 1237 Virginia Tazewell 4,600 new site

Virginia 180 Virginia

Chesapeake City,
Virginia Beach City,
Norfolk City,
Portsmouth City

192,347 new site

Virginia 1827 Virginia Prince William, Fairfax,

Sta"ord 165,901 new site

Virginia 1828 Virginia Sta"ord 44,000 new site

Virginia 1830 Virginia Albemarle,

Charlottesville City 118,266 43
Virginia 1832 Virginia Frederick 16,563 41

Virginia 1838 Virginia

Manassas City, Fairfax
City, Fauquier, Fairfax,
Prince William,
Loudoun, Manassas
Park City

350,000 new site

Virginia 1859 Virginia Henrico 330,000 new site
Virginia 1985 Virginia Clifton Forge City 4,000 new site
Virginia 2029 Virginia Franklin 5,000 41

Virginia 2034 Virginia Norfolk City, Hampton

City 78,322 new site

Virginia 2037 Virginia

Mathews, York,
Gloucester, Poquoson
City, Newport News
City, Hampton City

99,112 new site

Virginia 2079 Virginia Halifax 4,600 new site

Virginia 342 Virginia Goochland, Henrico,

Richmond City 225,000 new site
Virginia 42 Virginia Prince William, Sta"ord 92,000 new site
Virginia 42 Virginia Prince William, Sta"ord 92,000 N/A
Virginia 454 Virginia Washington 7,300 new site
Washington 1398 Washington Grant 8,475 N/A
Washington 1399 Washington Je"erson 10,000 46.6
Washington 1512 Washington Whitman 35,812 30.4
Washington 1620 Washington Walla Walla 33,000 11
Washington 1757 Washington Thurston 119,790 27.6
Washington 2124 Washington Whatcom 16,150 32.8
Washington 753 Washington Franklin 73,000 18.6
Washington 759 Washington Spokane 225,000 18.83
Wisconsin 115 Wisconsin Waupaca 14,000 12.25
Wisconsin 136 Wisconsin Chippewa, Eau Claire 73,000 15.2
Wisconsin 182 Wisconsin Saint Croix 14,000 8.8
Wisconsin 231 Wisconsin Dane 345,000 18.15
Wisconsin 232 Wisconsin Manitowoc 34,500 17.2
Wisconsin 236 Wisconsin Marinette 11,000 36.25
Wisconsin 239 Wisconsin Marathon, Wood 19,300 12.4
Wisconsin 313 Wisconsin Marinette 3,500 48.67
Wisconsin 318 Wisconsin Grant 11,000 15
Wisconsin 331 Wisconsin Racine 139,000 10
Wisconsin 344 Wisconsin Saint Croix, Pierce 15,900 7.33
Wisconsin 364 Wisconsin Sheboygan 75,000 19.6
Wisconsin 391 Wisconsin Dane 33,000 N/A
Wisconsin 420 Wisconsin Vernon 4,400 6.8
Wisconsin 44 Wisconsin Ashland 8,200 18
Wisconsin 60 Wisconsin Jackson 5,000 22
Wisconsin 696 Wisconsin Je"erson, Dodge 23,660 23
West Virginia 1248 West Virginia Randolph 13,156 N/A
West Virginia 1250 West Virginia Boone 4,555 N/A
West Virginia 1439 West Virginia Mason 5,515 N/A
West Virginia 1862 West Virginia Putnam 28,759 N/A
West Virginia 1865 West Virginia Cabell 4,500 N/A
West Virginia 387 West Virginia Monongalia 48,328 N/A
West Virginia 459 West Virginia Kanawha 50,000 N/A
West Virginia 460 West Virginia Je"erson 17,000 N/A
West Virginia 463 West Virginia Marshall 12,000 N/A
West Virginia 465 West Virginia Wood 48,050 N/A
West Virginia 687 West Virginia Harrison 26,498 N/A
West Virginia 735 West Virginia Taylor 6,071 N/A
West Virginia 91 West Virginia Kanawha 49,500 N/A
Alaska 2277 Alaska Anchorage 220,000 new site
Alabama 1664 Alabama Je"erson 95,000 21.14
Alabama 1688 Alabama Je"erson 77,000 38.86
Alabama 1719 Alabama Je"erson 200,000 19.5
California 1371 California Merced 42,000 26.14
California 1665 California San Mateo 40,000 41
California 1668 California Contra Costa 484,800 44.43
California 1669 California Marin 104,250 11.25
California 1670 California Marin 25,000 68
California 1676 California San Luis Obispo 31,037 47.43
California 1677 California San Mateo 150,000 17.29
California 1685 California Alameda 740,000 46.29
California 1687 California Sonoma 65,000 9.83
California 1693 California Los Angeles 3,500,000 25.14
California 1694 California Los Angeles 200,000 30
California 1698 California Santa Barbara 69,290 33.5
California 1709 California San Bernardino 890,000 14.5
California 1711 California Marin 18,000 25
California 1712 California San Mateo 28,000 11.5
California 1713 California Napa 83,300 28.14
California 1717 California Solano 121,000 37
California 1720 California Contra Costa 100,000 43.2
California 1764 California Stanislaus 86,000 14.57
California 1785 California San Diego 1,600,000 N/A
California 1789 California Orange 48,000 21.71
California 1792 California Orange 129,000 32.57
California 1946 California Santa Clara 153,000 36.5
California 2030 California Madera 67,944 27
California 352 California Santa Clara 110,338 31.21
California 353 California Santa Clara 1,500,000 29.93

California 362 California San Francisco, San
Mateo 250,000 33.93

California 383 California Sacramento 1,480,000 29.64
California 393 California San Mateo 199,000 29.77
California 834 California Riverside 91,765 36
Colorado 1704 Colorado Douglas 35,000 9.57
Colorado 1705 Colorado Douglas 25,000 9.71
Florida 1686 Florida Orange 195,299 22
Florida 1702 Florida Orange 66,690 34.2
Florida 1715 Florida Orange 183,009 33.83
Florida 1840 Florida Miami-Dade 776,150 20.86
Florida 1868 Florida Miami-Dade 829,725 43.57
Georgia 1666 Georgia Fulton 73,821 27.33
Georgia 1692 Georgia Fulton 84,486 14.71

Georgia 1714 Georgia Chattahoochee,

Muscogee 278,000 25
Georgia 1740 Georgia Fulton 294,660 30.86
Georgia 1741 Georgia Fulton 105,160 27.14
Georgia 1742 Georgia Fulton 70,887 20.14
Iowa 1839 Iowa Clinton 29,300 28.29
Iowa 1866 Iowa Marshall 27,400 14
Iowa 1867 Iowa Johnson 23,000 16.29
Idaho 1672 Idaho Kootenai 50,540 10.71
Illinois 1689 Illinois Du Page 86,000 33
Indiana 1681 Indiana St Joseph 130,000 15.29
Indiana 1739 Indiana Clark 25,000 11.29
Indiana 772 Indiana Monroe 56,090 14.2
Indiana 828 Indiana Hamilton 86,000 47.14
Kansas 1710 Kansas Saline 47,000 8
Kansas 1811 Kansas Wyandotte 35,000 19.71
Kansas 1812 Kansas Wyandotte 90,000 8
Kentucky 1701 Kentucky Je"erson 423,913 22

Massachusetts 1780 Massachusetts

Worcester, Norfolk,
Su"olk, Plymouth,
Middlesex

2,400,000 16.43

Massachusetts 2032 Massachusetts Worcester 250,000 32.57
Maryland 1808 Maryland Saint Marys 55,000 20.57
Maine 1989 Maine Cumberland 10,000 12.67
Maine 1990 Maine Penobscot 40,000 new site
Maine 1992 Maine Cumberland 65,000 12
Maine 2002 Maine York 10,000 31.29
Michigan 1671 Michigan Washtenaw 125,000 36.5
Michigan 1870 Michigan Grand Traverse 30,623 37.57

Minnesota 2109 Minnesota Sherburne, Benton,

Stearns 120,000 18.86

Minnesota 494 Minnesota Olmsted 120,000 13
New

Hampshire 1706

New

Hampshire Merrimack 4,000 20
New

Hampshire 497

New

Hampshire Merrimack 45,000 15.71
New Jersey 1763 New Jersey Monmouth 52,672 11.14
New Jersey 2107 New Jersey Cumberland 50,000 39.57
New Jersey 2209 New Jersey Monmouth 50,000 63

New Jersey 788 New Jersey Essex, Bergen, Hudson,

Union, Passaic 1,500,000 11.67

Ohio 1810 Ohio Portage, Summit 365,000 12.83
South Dakota 2215 South Dakota Yankton 20,000 31.67
Texas 1673 Texas Dallas 200,000 35.71
Texas 1683 Texas Dallas 186,000 N/A
Texas 1761 Texas Potter, Randall 60,000 11.86
Texas 1762 Texas Potter, Randall 140,000 11.14
Texas 1765 Texas Wichita 90,000 25.29
Texas 1807 Texas Cooke 17,300 9.14
Texas 1947 Texas Montgomery 65,000 40.57
Texas 1948 Texas Montgomery 70,000 43.86
Texas 865 Texas Webb 120,000 31.5
Texas 867 Texas Webb 140,000 42.17
Utah 1736 Utah Salt Lake 600,000 13.57
Virginia 1786 Virginia Carroll 3,000 26.14
Virginia 2008 Virginia Sta"ord 100,000 23.43
Virginia 220 Virginia Sta"ord 50,000 24.43
Vermont 2009 Vermont Chittenden 30,000 22.67
Vermont 2031 Vermont Washington 10,100 21
Vermont 2108 Vermont Chittenden 16,000 42.2
West Virginia 2207 West Virginia Ohio 100,000 39.86
Alaska 1490 Alaska Juneau 10,000 39.5
Alaska 1491 Alaska Juneau 20,000 35.6
Alabama 1333 Alabama Colbert 19,000 28.4
Arkansas 1442 Arkansas Lonoke 27,000 13.8
Arkansas 1444 Arkansas Pulaski 5,000 new site
Arkansas 1444 Arkansas Pulaski 5,000 4.5
Arkansas 1462 Arkansas Washington 93,949 48.2
Arkansas 1465 Arkansas Washington 93,949 33.2
Arkansas 1472 Arkansas Saint Francis 13,000 new site
Arkansas 1472 Arkansas Saint Francis 13,000 93.33
Arkansas 1540 Arkansas Boone 14,000 13.6
Arkansas 1542 Arkansas Pulaski 30,377 17
Arkansas 1543 Arkansas Pulaski 23,812 31.8
Arkansas 1545 Arkansas Pulaski 28,500 46.5
Arkansas 1546 Arkansas Pulaski 18,463 6.6
Arkansas 1548 Arkansas Je"erson 42,323 31.4
Arkansas 1550 Arkansas Pope 31,000 22.8
Arkansas 1558 Arkansas Hempstead 10,500 N/A
Arizona 1334 Arizona Maricopa 150,000 N/A
Arizona 1382 Arizona Maricopa 50,000 12.2
Arizona 1383 Arizona Maricopa 2,400,000 5
Arizona 590 Arizona Pima 347,900 11.2
Arizona 715 Arizona Pima 397,407 7.4
California 1173 California Contra Costa 494,300 16.75
California 1199 California Kings 59,000 19.6
California 1230 California San Luis Obispo 47,400 new site
California 1230 California San Luis Obispo 47,400 4
California 1409 California San Bernardino 78,000 N/A
California 1560 California San Luis Obispo 14,276 23.6
California 1593 California San Luis Obispo 6,500 45.5
California 1759 California San Luis Obispo 15,200 42.2
California 1822 California Marin 13,000 18
California 461 California Humboldt 43,173 N/A
California 570 California Sonoma 220,000 30
California 763 California Santa Cruz 160,000 12.4
California 779 California Los Angeles 200,000 5.6
California 834 California Riverside 91,765 21.6
Connecticut 1163 Connecticut New London 22,000 8.5
Connecticut 534 Connecticut Fair#eld 100,000 23.8
Connecticut 686 Connecticut New Haven 112,000 8
Connecticut 806 Connecticut Fair#eld 65,000 new site
Connecticut 832 Connecticut New London 40,000 15.6
District of

Columbia 486

District of

Columbia District Of Columbia 1,600,000 new site

District of

Columbia 486

District of

Columbia District Of Columbia 1,600,000 32

Florida 1408 Florida Orange, Seminole 85,700 50
Florida 1410 Florida Palm Beach, Martin 96,136 16.2
Florida 1606 Florida Lee 76,800 12.2
Florida 1613 Florida Sarasota 100,000 8.75
Florida 668 Florida Miami-Dade 920,528 38
Florida 669 Florida Orange 277,823 9.8
Florida 670 Florida Orange 59,587 20
Florida 671 Florida Orange 463,672 8
Florida 711 Florida Miami-Dade 829,725 7.6
Florida 781 Florida Miami-Dade 776,150 14.6
Georgia 476 Georgia Richmond 197,191 N/A
Guam 1441 Guam Guam 9,000 63.8
Guam 1450 Guam Guam 7,000 80.4
Hawaii 1181 Hawaii Maui 59,000 32.4
Hawaii 1203 Hawaii Honolulu 300,000 20.4
Hawaii 1204 Hawaii Honolulu 109,236 38.2
Hawaii 1205 Hawaii Maui 49,000 24.6
Hawaii 1208 Hawaii Honolulu 20,800 28.6
Hawaii 1221 Hawaii Hawaii 32,600 27.2
Hawaii 1337 Hawaii Hawaii 5,000 13
Iowa 105 Iowa Johnson 21,000 4.8
Iowa 1496 Iowa Winneshiek 8,500 N/A
Illinois 462 Illinois Winnebago 240,000 5.5
Illinois 546 Illinois Kankakee 65,000 N/A
Indiana 1162 Indiana Hamilton 98,000 new site
Indiana 1162 Indiana Hamilton 98,000 2.67
Indiana 1269 Indiana Lake 28,000 12.4
Indiana 1273 Indiana Dubois 16,000 new site
Indiana 1281 Indiana Delaware 67,000 7.4
Indiana 1314 Indiana Wayne 36,000 15.6
Indiana 1318 Indiana Huntington 17,612 16
Indiana 1319 Indiana Howard 45,000 23.6
Indiana 678 Indiana Bartholomew 49,000 N/A
Indiana 765 Indiana Monroe 28,350 7.4
Indiana 772 Indiana Monroe 67,500 8.75
Kansas 1292 Kansas Johnson 66,377 7.8
Kansas 1305 Kansas Johnson 54,985 17.4
Kansas 472 Kansas Reno 40,000 7.6
Kansas 787 Kansas Shawnee 90,000 18.4
Kentucky 810 Kentucky Estill 5,000 20.33
Louisiana 1229 Louisiana Rapides 60,000 30.5
Louisiana 1497 Louisiana Je"erson 300,000 17.5
Louisiana 1614 Louisiana Je"erson 65,364 30.8
Louisiana 1615 Louisiana Saint Tammany 15,000 new site
Louisiana 1626 Louisiana Je"erson 100,000 new site
Louisiana 1632 Louisiana Iberia 20,000 41.4
Louisiana 1651 Louisiana Lafayette 10,000 13.5
Louisiana 1656 Louisiana Je"erson 100,000 15
Louisiana 727 Louisiana Orleans 998,000 new site
Louisiana 792 Louisiana Orleans 389,000 new site
Louisiana 792 Louisiana Orleans 389,000 10
Massachusetts 1180 Massachusetts Worcester 12,000 11.2
Massachusetts 1311 Massachusetts Bristol 100,000 11.8
Massachusetts 1384 Massachusetts Middlesex 180,000 13.2
Massachusetts 1495 Massachusetts Worcester 42,000 62.5
Maryland 1260 Maryland Anne Arundel 89,000 15.8
Maryland 1268 Maryland Anne Arundel 150,000 2.67
Maryland 1278 Maryland Anne Arundel 22,000 new site
Maryland 1278 Maryland Anne Arundel 22,000 20
Maryland 1285 Maryland Anne Arundel 13,000 7.2
Maryland 561 Maryland Washington 90,000 10
Maine 2077 Maine Penobscot 15,000 17.6
Maine 347 Maine Knox 7,000 N/A
Maine 475 Maine Piscataquis 900 22.5
Maine 484 Maine Franklin 2,750 18
Maine 507 Maine Oxford 1,000 3.8
Maine 65 Maine Lincoln 1,759 29.2
Minnesota 1108 Minnesota Dakota, Scott 250,000 3.8
Minnesota 993 Minnesota Scott, Dakota 150,000 3.4
Missouri 1559 Missouri Je"erson 12,500 33
Mississippi 1393 Mississippi Lafayette 27,662 new site
Mississippi 1393 Mississippi Lafayette 27,662 19.4
Mississippi 2171 Mississippi Hinds 299,574 new site
Montana 562 Montana Missoula 68,015 11
North Carolina 1179 North Carolina Watauga 26,000 9.6
North Carolina 421 North Carolina Duplin, Pender 10,000 14.6
North Carolina 492 North Carolina Henderson 16,000 N/A
North Carolina 536 North Carolina Swain, Jackson 12,000 16.4
North Carolina 539 North Carolina Vance 15,000 3
North Carolina 575 North Carolina Mitchell 3,500 11
Nebraska 1411 Nebraska Saunders 4,800 13
New

Hampshire 402

New

Hampshire Sullivan 6,500 15.4
New Jersey 1322 New Jersey Essex, Union 1,300,000 10.2
New Jersey 1385 New Jersey Hudson 145,000 N/A
New Jersey 1605 New Jersey Bergen 564,563 N/A

New Jersey 784 New Jersey Somerset, Union,

Middlesex 880,000 N/A

New Jersey 788 New Jersey Passaic, Essex, Hudson,

Bergen 1,500,000 N/A
New Mexico 1177 New Mexico Santa Fe 87,505 new site
New Mexico 1177 New Mexico Santa Fe 87,505 53
New Mexico 853 New Mexico Los Alamos 13,179 53
Nevada 663 Nevada Clark 265,000 15
New York City 485 New York City Kings 283,428 15.2
New York City 487 New York City Queens 848,328 15.6
New York City 503 New York City Queens 90,474 15.6
New York City 545 New York City Queens 728,123 25
New York City 550 New York City Richmond 244,918 14.4
New York City 553 New York City Kings 192,050 23.8
Oklahoma 767 Oklahoma Gar#eld 51,000 51.2
Oklahoma 769 Oklahoma Comanche 93,000 new site
Oklahoma 769 Oklahoma Comanche 93,000 4
Oklahoma 831 Oklahoma Beckham 11,500 new site
Oregon 1164 Oregon Clackamas, Washington 25,780 new site
Oregon 1164 Oregon Clackamas, Washington 25,780 3

Oregon 1200 Oregon Multnomah,

Washington 654,741 N/A

Oregon 1201 Oregon Washington,

Multnomah, Clackamas 45,600 N/A

Pennsylvania 1161 Pennsylvania Lehigh 6,598 12.4
Pennsylvania 1388 Pennsylvania Allegheny 22,000 5.8
Pennsylvania 1454 Pennsylvania Bucks 55,000 10
Rhode Island 464 Rhode Island Providence 240,000 72
Rhode Island 76 Rhode Island Providence 10,000 19.4
Rhode Island 835 Rhode Island Bristol 11,000 19.6
South Carolina 1159 South Carolina Florence, Darlington 45,000 15
South Carolina 1549 South Carolina Greenville 140,280 N/A
South Carolina 600 South Carolina Greenwood 48,000 25
South Dakota 1165 South Dakota Yankton 15,500 N/A
South Dakota 493 South Dakota Beadle 13,289 3
Tennessee 1283 Tennessee Davidson 600,000 3.6
Tennessee 1329 Tennessee Shelby 300,000 18.8
Tennessee 1508 Tennessee Hawkins, Sullivan 60,500 11.2
Tennessee 1539 Tennessee Sullivan 50,000 32
Tennessee 496 Tennessee Bradley 52,000 13.8
Texas 1131 Texas Kaufman 138,700 new site
Texas 1140 Texas Travis 500,000 17.6
Texas 1141 Texas Travis 510,000 0
Texas 1210 Texas Dallas 900,000 17.4
Texas 1494 Texas Galveston 20,000 38.25
Texas 2040 Texas Dallas 105,158 50
Texas 2041 Texas Dallas 131,391 46.67
Texas 2042 Texas Dallas 22,191 29.67
Texas 2044 Texas Dallas 9,079 40
Texas 593 Texas Galveston 89,600 46.4
Texas 681 Texas El Paso 142,000 44
Texas 805 Texas Dallas 900,000 5.6
Texas 811 Texas Bexar 415,000 N/A
Texas 847 Texas Bexar 230,000 N/A
Texas 848 Texas Bexar 630,000 N/A
Texas 863 Texas Webb 30,000 14
Utah 1270 Utah Tooele 13,000 N/A
Virginia 1113 Virginia Arlington 207,627 N/A
Virginia 1202 Virginia Frederick 51,470 6.2
Virginia 1259 Virginia Clifton Forge City 5,000 14

Virginia 1275 Virginia Hampton City, Newport

News City 141,543 N/A
Virginia 1338 Virginia Mecklenburg 5,300 23.4
Virginia 540 Virginia Henry 16,000 18.4
Vermont 1080 Vermont Chittenden 31,000 new site
Vermont 1080 Vermont Chittenden 31,000 2.5
Vermont 1452 Vermont Caledonia 3,500 16.2
Vermont 2261 Vermont Chittenden 30,000 new site
Vermont 701 Vermont Chittenden 8,500 26.33
Vermont 770 Vermont Franklin 7,500 5.2
Washington 1084 Washington Clark 120,000 new site
Washington 1084 Washington Clark 120,000 5
Washington 1139 Washington King, Pierce 896,000 4.75
Washington 499 Washington Clark 162,100 new site
Washington 510 Washington Clark 81,140 new site
Washington 510 Washington Clark 81,140 5
Wyoming 1317 Wyoming Sweetwater 12,000 4.2
Wyoming 1353 Wyoming Sheridan 20,000 new site
Arizona 1059 Arizona Yuma 18,039 44.8
Arizona 1061 Arizona Yuma 25,369 52.6
Arizona 1212 Arizona Maricopa 53,831 N/A
Arizona 1212 Arizona Maricopa 14,911 N/A
Arizona 1212 Arizona Maricopa 8,794 N/A
Arizona 1212 Arizona Maricopa 12,923 N/A
Arizona 1212 Arizona Maricopa 11,198 N/A
California 1019 California Lake 13,200 N/A
California 126 California Yolo 70,717 N/A
California 137 California Alameda, Contra Costa 740,000 N/A
California 1524 California Plumas 4,217 N/A
California 158 California Fresno 650,000 N/A
California 2061 California San Joaquin 320,000 N/A
California 2062 California San Joaquin 98,601 new site
California 211 California Los Angeles 3,500,000 N/A
California 305 California Santa Clara 236,000 N/A
California 353 California Santa Clara 1,500,000 N/A
California 354 California Santa Clara 153,000 N/A

California 362 California San Francisco, San
Mateo 250,000 N/A

California 362 California San Mateo, San
Francisco 250,000 N/A

California 59 California Kern 168,750 N/A
Colorado 1024 Colorado Archuleta 27,857 53.2
Colorado 1111 Colorado Teller 7,143 10.8
Colorado 1154 Colorado Pitkin 17,571 10.2
Colorado 116 Colorado El Paso 102,203 12
Colorado 117 Colorado El Paso 303,855 7.75
Colorado 122 Colorado Summit 7,857 7
Colorado 1514 Colorado El Paso 5,936 35.4
Colorado 1517 Colorado El Paso 10,000 10.25
Colorado 1518 Colorado El Paso 9,286 50.4
Colorado 151 Colorado Larimer 92,126 8.8
Colorado 152 Colorado Larimer 26,621 7
Colorado 1563 Colorado Elbert 3,571 13.4
Colorado 1591 Colorado Otero 29,643 34.2
l d l d ld

Colorado 163 Colorado Weld 83,319 12
Colorado 224 Colorado Boulder, Weld 75,543 20
Colorado 251 Colorado Denver 345,453 13.75
Colorado 368 Colorado Adams 54,560 17.8
Colorado 370 Colorado Larimer 23,193 11.25
Colorado 372 Colorado Arapahoe, Denver 247,443 10.8
Colorado 408 Colorado Summit 35,643 11.4
Colorado 49 Colorado Arapahoe, Adams 268,003 23.4
Colorado 578 Colorado Las Animas 14,286 34.4
Colorado 58 Colorado Weld, Larimer 7,946 N/A
Colorado 656 Colorado La Plata 23,429 20.4
Colorado 66 Colorado Boulder 89,383 9.6
Colorado 72 Colorado Broom#eld 53,355 6.2
Colorado 747 Colorado Arapahoe 25,714 N/A
Colorado 748 Colorado El Paso 34,286 23.6
Colorado 841 Colorado Adams 21,429 21.2
Colorado 843 Colorado Eagle 30,714 13.6
Colorado 844 Colorado Eagle 19,286 13.5
Colorado 845 Colorado Summit 14,286 4.8
Colorado 887 Colorado Summit 18,571 15.8
District of

Columbia 2058

District of

Columbia District Of Columbia 13,701 new site

District of

Columbia 2058

District of

Columbia District Of Columbia 15,099 new site

District of

Columbia 2058

District of

Columbia District Of Columbia 51,304 new site

District of

Columbia 2058

District of

Columbia District Of Columbia 37,264 new site

Delaware 1183 Delaware Sussex 7,000 13
Delaware 1185 Delaware Sussex 4,392 14
Delaware 1187 Delaware New Castle 17,145 6.4
Delaware 1192 Delaware Sussex 7,000 17.2
Delaware 1194 Delaware New Castle 539,000 6.6
Georgia 1071 Georgia Paulding 10,000 N/A
Georgia 1073 Georgia Cobb 190,000 23
Georgia 1309 Georgia Newton 32,000 27.4
Georgia 1723 Georgia Laurens 17,000 26.2
Georgia 1728 Georgia Cobb 190,000 N/A
Georgia 1747 Georgia Lowndes 19,400 N/A
Georgia 1819 Georgia Clarke 60,000 44
Georgia 1820 Georgia Floyd 75,000 12.4
Georgia 2121 Georgia Dougherty 50,000 N/A
Georgia 2224 Georgia Bulloch 15,000 new site
Georgia 2275 Georgia Pulaski 3,997 new site
Idaho 1225 Idaho Bingham 14,045 16.83
Idaho 1228 Idaho Caribou 3,200 47.75
Idaho 1249 Idaho Blaine 5,338 6.33
Idaho 1406 Idaho Elmore 5,500 N/A
Idaho 1801 Idaho Payette 6,350 27
Idaho 1802 Idaho Elmore 16,000 9.75
Idaho 1803 Idaho Canyon 100,200 new site
Idaho 1914 Idaho Kootenai 24,000 N/A
Idaho 2048 Idaho Kootenai 38,500 N/A
Idaho 818 Idaho Ada 120,344 20.17
Illinois 1243 Illinois Du Page 76,324 22.6
Illinois 1527 Illinois Kendall 13,477 17
Illinois 1610 Illinois Washington 3,425 0
Illinois 1816 Illinois Madison 26,000 21
Illinois 1847 Illinois Du Page 65,000 8.8
Illinois 1943 Illinois Sangamon 100,000 17.2
Illinois 2126 Illinois Perry 6,448 40.6
Illinois 603 Illinois Kane 11,290 15.6
Illinois 605 Illinois Saint Clair 26,150 14.25
Illinois 606 Illinois Saint Clair 26,150 3.75
Illinois 607 Illinois Boone 25,134 14.4
Illinois 611 Illinois Fulton 13,506 20
Illinois 612 Illinois Greene 3,064 18.6
Illinois 619 Illinois Vermilion 30,479 27
Illinois 620 Illinois Macon 88,500 13.2
Illinois 625 Illinois Jo Daviess 3,460 15.4
Illinois 631 Illinois Mcdonough 22,004 13.4
Illinois 632 Illinois Cook 270,647 21.86
Illinois 633 Illinois Warren 10,836 7.4
Illinois 634 Illinois Je"erson 21,169 N/A
Illinois 635 Chicago Cook 3,816 30.8
Illinois 638 Illinois Cook 1,127,737 12.29
Illinois 642 Illinois Du Page 128,358 29
Illinois 647 Illinois Peoria 157,379 18.4
Illinois 655 Illinois Champaign 91,041 18.2
Illinois 675 Chicago Cook 29,370 27.6
Illinois 675 Chicago Cook 83,455 48.4
Illinois 675 Chicago Cook 24,099 44.2
Illinois 697 Illinois Rock Island 25,202 35
Illinois 698 Illinois Rock Island 43,768 25.4
Illinois 699 Illinois Tazewell 30,997 27.67
Illinois 871 Illinois La Salle 18,307 12.25
Illinois 894 Illinois Lee 15,115 22.8
Illinois 978 Illinois Mclean 42,000 12.75
Illinois 979 Illinois Mclean 44,238 11.5
Illinois 980 Illinois Mclean 44,237 8.75
Illinois 981 Illinois De Kalb 43,862 33.8
Illinois 982 Illinois Cook 1,263,110 11.71
Indiana 1458 Indiana Noble 10,000 18
Indiana 1480 Indiana Rush 6,208 new site
Indiana 1480 Indiana Rush 6,208 N/A
Indiana 1482 Indiana Porter 36,000 N/A
Kansas 2075 Kansas Reno 39,712 14.2
Kentucky 1254 Kentucky Rowan 15,212 N/A
Kentucky 1255 Kentucky Johnson 5,258 N/A
Kentucky 1767 Kentucky Lee 3,138 N/A
Kentucky 2120 Kentucky Whitley 5,550 N/A
Louisiana 1758 Louisiana Pointe Coupee 5,303 N/A
Louisiana 1794 Louisiana Plaquemines 7,500 N/A
Louisiana 1858 Louisiana Terrebonne 30,000 65.6
Louisiana 1919 Louisiana Bienville 3,500 N/A
Louisiana 1924 Louisiana Ouachita 76,000 24.6
Louisiana 1928 Louisiana Ouachita 12,600 26.5
Louisiana 1929 Louisiana Ouachita 30,000 43
Louisiana 1959 Louisiana Washington 13,675 26.8
Louisiana 1962 Louisiana Beauregard 11,000 N/A
Louisiana 1964 Louisiana Union 4,000 42.6
Louisiana 1965 Louisiana Saint Mary 9,700 N/A
Louisiana 1968 Louisiana East Feliciana 7,811 14.4
Louisiana 1969 Louisiana Je"erson 113,712 new site
Louisiana 1973 Louisiana Livingston 7,477 19.2
Louisiana 1975 Louisiana Saint Tammany 8,765 new site
Louisiana 1978 Louisiana Red River 19,000 N/A
Louisiana 1980 Louisiana Allen 8,137 N/A
Louisiana 1981 Louisiana Richland 3,695 31
Louisiana 2012 Louisiana Tangipahoa 6,000 50
Louisiana 2039 Louisiana West Baton Rouge 6,416 N/A
Louisiana 2204 Louisiana Saint Tammany 10,000 60
Louisiana 2225 Louisiana Je"erson 10,800 new site
Maine 1754 Maine Cumberland 15,000 10.4
Maine 1843 Maine York 15,000 14.2
Maine 1987 Maine Waldo 4,000 new site
Maine 1987 Maine Waldo 4,000 4.8
Maine 1990 Maine Penobscot 57,000 7.2
Maine 1992 Maine Cumberland 65,000 32
Maine 1992 Maine Cumberland 65,000 29.6
Maine 1996 Maine Aroostook 5,000 22
Maine 1997 Maine Androscoggin 60,000 17.4
Maine 2000 Maine Aroostook 9,000 19.6
Maine 2001 Maine Cumberland 24,000 N/A
Michigan 1018 Michigan Bay 20,000 N/A
Michigan 1020 Michigan Dickinson 3,200 12.67
Michigan 1040 Michigan Ottawa 3,535 27.8
Michigan 1040 Michigan Ottawa 11,200 5.2
Michigan 1048 Michigan Calhoun 6,964 9.4
Michigan 1086 Michigan Ottawa 20,000 9.5
Michigan 1087 Michigan Genesee 72,240 N/A
Michigan 1088 Michigan Ottawa 25,000 26.75
Michigan 1091 Michigan Schoolcraft 3,412 38.67
Michigan 1092 Michigan Chippewa 15,000 40.5
Michigan 1102 Michigan Dickinson 13,500 10.67
Michigan 1121 Michigan Saginaw 6,300 N/A
Michigan 1122 Michigan Otsego 3,670 31.8
Michigan 1125 Michigan Marquette 3,500 22.33
Michigan 1125 Michigan Marquette 4,500 12.67
Michigan 1125 Michigan Marquette 4,500 12.67
Michigan 1136 Michigan Clare 3,042 N/A
Michigan 1138 Michigan Isabella 25,629 N/A
Michigan 1155 Michigan Tuscola 3,000 N/A
Michigan 1167 Michigan Kent 15,000 N/A
Michigan 1168 Michigan Kent 68,000 14.2
Michigan 1315 Michigan Macomb 135,000 N/A
Michigan 1434 Michigan Ingham 22,500 N/A
Michigan 1598 Michigan Wexford 10,450 N/A
Michigan 1599 Michigan Eaton 9,074 17.4
Michigan 1600 Michigan Mason 8,100 N/A
Michigan 1729 Michigan Macomb 19,662 N/A
Michigan 1729 Michigan Macomb 29,555 N/A
Michigan 1729 Michigan Macomb 9,083 N/A
Michigan 1729 Michigan Macomb 4,934 N/A
Michigan 1729 Michigan Wayne 51,939 new site
Michigan 1815 Michigan Arenac 5,500 N/A
Michigan 1941 Michigan Macomb 16,300 N/A
Michigan 1945 Michigan Livingston 9,000 N/A
Michigan 2047 Michigan Allegan 11,000 N/A
Michigan 756 Michigan Kent 265,000 N/A
Michigan 757 Michigan Jackson 90,000 26.77
Michigan 800 Michigan Genesee 95,000 23.46
Michigan 801 Michigan Grand Traverse 10,000 25
Michigan 801 Michigan Grand Traverse 29,400 22
Michigan 801 Michigan Grand Traverse 45,000 8.8
Michigan 823 Michigan Houghton 14,000 18.6
Michigan 860 Michigan Gratiot 8,976 N/A
Michigan 874 Michigan Emmet 7,900 54.5
Michigan 889 Michigan Ottawa 6,657 3
Michigan 889 Michigan Ottawa 6,524 15.6
Michigan 889 Michigan Ottawa 45,608 13.4
Michigan 890 Michigan Ottawa 15,498 24.4
Michigan 890 Michigan Ottawa 8,278 17
Michigan 890 Michigan Ottawa 36,912 4.8
Michigan 891 Michigan Kalamazoo 12,366 9.2
Michigan 891 Michigan Kalamazoo 14,378 4
Michigan 891 Michigan Kalamazoo 39,068 23.2
Michigan 896 Michigan Wayne, Macomb 492,000 38.4
Michigan 898 Michigan Oakland, Wayne 840,600 32.8
Missouri 139 Missouri Miller 4,895 27.33
Missouri 143 Missouri Saint Francois 10,114 N/A
Missouri 159 Missouri Callaway 12,790 N/A
Missouri 171 Missouri Marion, Ralls 16,000 N/A
Missouri 190 Missouri Cole, Callaway 41,153 26.5
Missouri 192 Missouri Jasper 34,403 16.67
Missouri 194 Missouri Clay, Platte 76,759 13
Missouri 195 Missouri Cass, Jackson, Johnson 490,000 22
Missouri 196 Missouri Jackson 25,000 43.67
Missouri 198 Missouri Clay 12,000 13.33

Missouri 200 Missouri Johnson, Jackson,
Wyandotte 61,250 8.67
Missouri 202 Missouri Dunklin 11,300 N/A
Missouri 218 Missouri Clay 35,300 15.5
Missouri 265 Missouri Saint Louis 149,112 35
Missouri 266 Missouri Je"erson, Saint Louis 24,174 15
Missouri 280 Missouri Vernon 8,082 N/A
Missouri 284 Missouri Christian 20,000 N/A
Missouri 312 Missouri Perry 9,000 N/A
Missouri 317 Missouri Platte 8,000 7
Missouri 359 Missouri Pettis 8,250 N/A
Missouri 365 Missouri New Madrid, Scott 17,000 N/A
Missouri 380 Missouri Greene 22,818 N/A
Missouri 404 Missouri Lincoln 12,019 N/A
Missouri 407 Missouri Franklin 7,936 20.5
Missouri 424 Missouri Johnson 14,477 N/A
Missouri 438 Missouri Saint Charles 44,852 10
Missouri 441 Missouri Howell 12,000 N/A
Missouri 63 Missouri Polk 10,500 N/A
Missouri 68 Missouri Taney 10,559 11.67
Missouri 827 Missouri Dent 4,512 13.33
Missouri 858 Missouri Jackson, Cass 367,300 N/A
North Carolina 1031 North Carolina Onslow 41,819 9.4
North Carolina 144 North Carolina Cumberland 151,589 37.6
North Carolina 1611 North Carolina Davidson, Guilford 116,390 12.8
North Carolina 166 North Carolina Guilford 135,821 37.4
North Carolina 2013 North Carolina Union 17,000 83.4
North Carolina 2015 North Carolina Gaston 6,700 47.6
North Carolina 2017 North Carolina Lincoln 15,042 45.6
North Carolina 2020 North Carolina Cabarrus 226,400 65.2
North Carolina 2021 North Carolina Union 70,608 44.6
North Carolina 2033 North Carolina Henderson 43,633 67
North Carolina 2101 North Carolina Lincoln 11,000 26.75
North Carolina 216 North Carolina Scotland 15,527 50.2
North Carolina 271 North Carolina Buncombe, Henderson 173,000 41.75
North Carolina 288 North Carolina Catawba 40,488 30.2
North Carolina 303 North Carolina Orange, Durham 78,141 15.4
North Carolina 334 North Carolina Wake 30,655 10.6
North Carolina 345 North Carolina Northampton, Halifax 14,320 13.25
North Carolina 369 North Carolina Orange, Durham 108,105 12.8
North Carolina 405 North Carolina Jackson 13,296 48.2
North Carolina 450 North Carolina New Hanover 58,361 18.6
North Carolina 452 North Carolina Forsyth 178,000 58
North Carolina 53 North Carolina Carteret 3,500 30.8
North Carolina 84 North Carolina Wake 84,189 17.6
North Carolina 85 North Carolina Wake 74,331 14
North Carolina 92 North Carolina Mecklenburg 68,685 42.4
North Carolina 93 North Carolina Mecklenburg 182,501 46.8
North Carolina 94 North Carolina Mecklenburg 120,000 34.5
Nebraska 1331 Nebraska York 8,000 new site
Nebraska 1799 Nebraska Nemaha 3,800 new site
Nebraska 915 Nebraska Dawes 5,561 N/A
Nebraska 918 Nebraska Hall 52,000 new site
Nebraska 920 Nebraska Bu"alo 33,790 new site
Nebraska 922 Nebraska Lancaster 100,000 new site
Nebraska 925 Nebraska Lancaster 200,000 new site
Nebraska 926 Nebraska Wayne 5,560 N/A
New

Hampshire 2086

New

Hampshire Stra"ord 14,638 30.33
New

Hampshire 2088

New

Hampshire Grafton 11,000 16.33
New

Hampshire 2089

New

Hampshire Cheshire 30,000 38.33
New

Hampshire 2090

New

Hampshire Hillsborough 172,000 25.67
New

Hampshire 2092

New

Hampshire Rockingham 3,500 20
New

Hampshire 2093

New

Hampshire Sullivan 6,500 8.33
New

Hampshire 2095

New

Hampshire Rockingham 22,000 37
New Mexico 1340 New Mexico Dona Ana 8,127 N/A
New Mexico 1362 New Mexico Luna 14,000 N/A
New Mexico 1418 New Mexico San Juan 45,000 N/A
New Mexico 1475 New Mexico Otero 36,000 N/A
New Mexico 1511 New Mexico Mckinley 25,000 N/A
New York 1007 New York Genesee 4,191 26.33
New York 1009 New York Niagara 48,196 21.67
New York 1013 New York Erie 71,131 20.4
New York 1022 New York Schenectady 78,444 3
New York 1042 New York Columbia 6,374 10
New York 1044 New York Su"olk 24,147 N/A
New York 1045 New York Essex 6,264 6
New York 1068 New York Tompkins 56,967 52
New York 1099 New York Wyoming 3,448 2
New York 1150 New York Su"olk 7,741 N/A
New York 1171 New York Schoharie 5,326 4
New York 123 New York Steuben 10,605 N/A
New York 1325 New York Franklin 4,918 6
New York 1404 New York Rockland 10,890 16
New York 1405 New York Rockland 4,115 19
New York 1460 New York Orange 28,914 45
New York 1484 New York Westchester 94,095 21
New York 1486 New York Westchester 40,301 26
New York 1488 New York Westchester 31,046 36.5
New York 1504 New York Sullivan 6,639 61
New York 1538 New York Sullivan 4,548 32
New York 1557 New York Orange 6,563 71
New York 1821 New York Dutchess 14,525 62
New York 1844 New York Saint Lawrence 22,552 1.5
New York 1852 New York Saint Lawrence 14,475 34
New York 1855 New York Albany 31,023 50
New York 1931 New York Albany 21,281 10
New York 1937 New York Livingston 5,361 N/A
New York 2007 New York Wayne 5,145 new site
New York 2025 New York Niagara 38,971 37.5
New York 2050 New York Nassau 5,824 N/A
New York 2080 New York Nassau 27,494 N/A
New York 2102 New York Ontario 16,507 new site
New York 2110 New York Rensselaer 13,720 new site
New York 2176 New York Chemung 38,037 3
New York 2177 New York Chemung 18,085 10
New York 2179 New York Erie 24,461 15.8
New York 2181 New York Monroe 487,322 3
New York 2182 New York Orange 6,369 6
New York 2189 New York Ulster 10,577 32
New York 2194 New York Saratoga 152,482 0
New York 2197 New York Essex 3,263 new site
New York 2200 New York Je"erson 26,270 17.67
New York 2201 New York Oswego 14,199 6
New York 2268 New York Onondaga 3,272 new site
New York 2272 New York Saint Lawrence 11,269 new site
New York 2280 New York Seneca 6,160 new site
New York 2281 New York Chautauqua 3,365 new site
New York 300 New York Otsego 19,383 N/A
New York 477 New York Essex 3,076 11
New York 483 New York Delaware 3,581 85
New York 513 New York Onondaga 30,613 N/A
New York 515 New York Madison 4,843 3
New York 522 New York Orange 27,434 37.5
New York 524 New York Orange 36,227 11.5
New York 529 New York Orange 8,568 20
New York 531 New York Je"erson 4,077 51
New York 532 New York Onondaga 25,965 N/A
New York 580 New York Monroe 43,074 18
New York 694 New York Franklin 7,175 19
New York 721 New York Rensselaer 79,699 2.5
New York 723 New York Seneca 6,961 N/A
New York 776 New York Ulster 26,599 13
New York 869 New York Warren 23,462 35
New York 986 New York Washington 12,260 41
New York 995 New York Allegany 4,155 N/A
New York 996 New York Erie 142,478 24.8
New York 997 New York Genesee 16,459 17.2
New York 998 New York Erie 431,141 18.6
Ohio 112 Ohio Wayne 27,000 3.6
Ohio 127 Ohio Montgomery 226,729 13.6
Ohio 140 Ohio Lorain 54,500 13.4
Ohio 157 Ohio Sandusky 25,000 16
Ohio 1805 Ohio Huron 3,276 35.2
Ohio 186 Ohio Lawrence 10,445 15
Ohio 1957 Ohio Lake 20,000 61.6
Ohio 205 Ohio Hardin 8,500 44.33
Ohio 214 Ohio Fair#eld 24,303 20.8
Ohio 233 Ohio Richland 52,000 18.2
Ohio 235 Ohio Washington 15,284 33
Ohio 273 Ohio Hamilton 125,247 26.2
Ohio 274 Ohio Henry 12,246 39.8
Ohio 291 Ohio Huron 17,000 30.2
Ohio 301 Ohio Lucas 44,680 22
Ohio 304 Ohio Butler 22,000 22
Ohio 309 Ohio Licking 3,300 11.8
Ohio 315 Ohio Miami 20,581 N/A
Ohio 326 Ohio Scioto 20,366 19.8
Ohio 36 Ohio Summit 377,378 14
Ohio 395 Ohio Hamilton 83,058 12.6
Ohio 403 Ohio Montgomery 65,000 13.8
Ohio 411 Ohio Wyandot 6,700 39.8
Ohio 442 Ohio Montgomery 113,629 25.4
Ohio 54 Ohio Greene 46,160 43.2
Ohio 79 Ohio Stark 85,000 28.6
Ohio 859 Ohio Mercer 4,800 30.2
Oregon 934 Oregon Benton 58,856 30.78
Oregon 935 Oregon Polk 16,555 33.4
Oregon 936 Oregon Lane 8,925 N/A
Oregon 940 Oregon Deschutes 32,255 N/A
Oregon 942 Oregon Washington 220,000 20.5
Oregon 943 Oregon Washington 40,000 35.6
Oregon 945 Oregon Multnomah 662,235 48.25
Oregon 947 Oregon Lane 10,200 27.8
Oregon 949 Oregon Washington 40,000 32.2
Oregon 951 Oregon Umatilla 18,775 23
Oregon 953 Oregon Klamath 20,840 53.75
Oregon 955 Oregon Yamhill 34,615 35
Oregon 959 Oregon Umatilla 17,500 13.2
Oregon 961 Oregon Marion 229,000 25
Oregon 965 Oregon Marion 10,520 41.8
Oregon 967 Oregon Marion 10,840 50
Oregon 971 Oregon Lane 235,155 31.2
Pennsylvania 1366 Pennsylvania Dauphin 124,000 5.86
Pennsylvania 1376 Pennsylvania Westmoreland 4,600 45.5
Pennsylvania 1390 Pennsylvania Monroe 25,000 8.29
Pennsylvania 1455 Pennsylvania Delaware 6,800 11.71
Pennsylvania 1533 Pennsylvania Centre 90,000 N/A
Pennsylvania 1553 Pennsylvania Mckean 14,194 20.29
Pennsylvania 1554 Pennsylvania Mercer 16,000 20.86
Pennsylvania 1775 Pennsylvania Lackawanna 15,700 new site
Pennsylvania 1777 Pennsylvania Monroe 4,000 24.43
Pennsylvania 2216 ph Philadelphia 1,004,057 N/A
South Carolina 1871 South Carolina Beaufort 20,000 85.5
South Carolina 877 South Carolina Kershaw 8,825 18.75
South Carolina 878 South Carolina Charleston 64,170 37.67
South Carolina 883 South Carolina York 88,000 13.25
South Carolina 884 South Carolina Greenville 143,531 14.5
South Carolina 885 South Carolina Georgetown 30,000 8.8
South Carolina 908 South Carolina Richland 60,000 12.8
South Carolina 909 South Carolina Horry 195,000 16
Texas 135 Houston Harris 16,030 7
Texas 149 Houston Harris 4,170 25.67
Texas 160 Houston Harris 40,689 22.67
Texas 183 Houston Harris 16,804 33.33
Texas 1934 Texas Mclennan 193,820 N/A
Texas 207 Houston Harris, Montgomery 52,055 26.33
Texas 250 Houston Harris 20,161 15.33
Texas 289 Houston Harris 19,867 19.67
Texas 290 Houston Harris 95,600 33.67
Texas 307 Houston Harris 5,497 12.67
Texas 35 Houston Harris 551,150 19.33
Texas 366 Houston Harris 109,414 32.33
Texas 367 Houston Harris 109,414 23.33
Texas 406 Houston Harris 59,188 15.33
Texas 40 Houston Harris 117,968 15.67
Texas 435 Houston Harris 33,645 6
Texas 439 Houston Harris 85,129 20
Texas 449 Houston Harris 8,610 15.5
Texas 56 Houston Harris 70,900 26.33
Texas 97 Houston Harris 37,359 37.33
Utah 10 Utah Cache 9,095 38.6
Utah 11 Utah Utah, Salt Lake 94,484 18.4
Utah 12 Utah Cache 94,005 24.8
Utah 15 Utah Grand, San Juan 9,896 26.4
Utah 16 Utah Weber Davis 228700 166

Utah	18	Utah	100,824	18.6
Utah	19	Carbon	17,312	22.2
Utah	20	Uintah	21,231	18.6
Utah	21	Duchesne	6,790	16.8
Utah	22	Summit	23,304	18
Utah	24	Davis	84,981	20.8
Utah	26	Utah	53,313	15.4
Utah	28	Salt Lake	209,645	15.6
Utah	2	Uintah	29,513	22.8
Utah	3	Davis	254,112	18.8
Utah	5	Utah	32,451	20.8
Utah	9	Davis, Weber	208,850	21.2
Virginia	1237	Virginia	4,682	new site
Virginia	1576	Virginia	300,000	new site
Virginia	177	Virginia	Chesapeake City, Norfolk City, Virginia Beach City	530,848	new site
Virginia	178	Virginia	Isle Of Wight, Suffolk City, Chesapeake City, Portsmouth City	197,608	new site
Virginia	181	Virginia	Williamsburg City, Newport News City, York, New Kent, James City	69,059	new site
Virginia	1826	Virginia	Wise	14,000	33.33
Virginia	1828	Virginia	Stafford	44,000	new site
Virginia	1829	Virginia	Amherst, Lynchburg City, Campbell, Bedford	220,000	38.2
Virginia	1833	Virginia	Rockingham, Harrisonburg City	81,000	27.25
Virginia	1833	Virginia	Montgomery, Pulaski, Radford	70,000	21.8
Virginia	1834	Virginia	Roanoke, Roanoke City, Salem, Botetourt	300,000	69.5
Virginia	1917	Virginia	Russell	3,100	new site
Virginia	1985	Virginia	Clifton Forge City	4,000	41
Virginia	2035	Virginia	Hampton City, Newport News City	118,497	new site
Virginia	2036	Virginia	James City, York, Williamsburg City, Newport News City	141,543	new site
Virginia	2078	Virginia	Virginia	202,903	31.5
Virginia	38	Virginia	Alexandria City, Fairfax	300,000	50
Virginia	38	Virginia	Alexandria City, Fairfax	300,000	new site
Virginia	61	Virginia	Montgomery	52,500	45.2
Washington	1076	Washington	Clark	35,500	9.5
Washington	1143	Washington	Pierce	43,000	25
Washington	1397	Washington	Pierce	295,855	27.4
Washington	1635	Washington	Pierce	117,072	15.2
Washington	2104	Washington	Kittitas	21,791	new site
Washington	2105	Washington	Rock	24,160	77.5
Washington	755	Washington	Benton	15,000	19.75
Washington	758	Washington	Benton	83,000	14.6
Washington	760	Washington	Benton	120,000	16
Wisconsin	120	Wisconsin	Columbia	6,900	N/A
Wisconsin	128	Wisconsin	Brown	43,000	8.8
Wisconsin	153	Wisconsin	Waukesha	51,000	20
Wisconsin	164	Wisconsin	Racine, Kenosha	63,000	14.4
Wisconsin	172	Wisconsin	Washington, Dodge	17,320	15.33
Wisconsin	1851	Wisconsin	Walworth	28,000	16.6
Wisconsin	189	Wisconsin	Rock	63,000	14.4
Wisconsin	203	Wisconsin	Kenosha	122,000	28
Wisconsin	209	Wisconsin	Dane	85,000	new site
Wisconsin	223	Wisconsin	Columbia	3,100	11.33
Wisconsin	243	Wisconsin	Juneau	4,400	20.67
Wisconsin	246	Wisconsin	Dunn	5,000	27.67
Wisconsin	248	Wisconsin	Lincoln	9,700	13.67
Wisconsin	256	Wisconsin	Waukesha, Milwaukee	47,000	5.8
Wisconsin	257	Wisconsin	Waukesha, Milwaukee, Racine, Washington, Ozaukee	615,934	9
Wisconsin	260	Wisconsin	Green	11,000	11
Wisconsin	297	Wisconsin	Jefferson, Waukesha	22,300	23.6
Wisconsin	302	Wisconsin	Winnebago	78,300	25
Wisconsin	320	Wisconsin	Sheboygan	9,150	N/A
Wisconsin	325	Wisconsin	Columbia	11,000	56
Wisconsin	389	Wisconsin	Dane	27,000	20.6
Wisconsin	392	Wisconsin	Douglas	28,000	19.5
Wisconsin	41	Wisconsin	Outagamie, Winnebago, Calumet	72,810	5.75
Wisconsin	432	Wisconsin	Waupaca	8,000	35.8
Wisconsin	433	Wisconsin	Marathon	42,350	16
West Virginia	1860	West Virginia	Kanawha	9,000	N/A
West Virginia	1861	West Virginia	Kanawha, Cabell	56,000	N/A
West Virginia	1863	West Virginia	Cabell	7,000	N/A
West Virginia	1864	West Virginia	Cabell	7,200	N/A
West Virginia	206	West Virginia	Mineral	8,168	N/A
West Virginia	2083	West Virginia	Putnam	4,900	new site
West Virginia	445	West Virginia	Ohio	50,000	N/A
West Virginia	466	West Virginia	Mercer	36,000	N/A
Alabama	1716	Alabama	Jefferson	36,000	30.2
Alabama	1718	Alabama	Jefferson	225,000	28.86
Arkansas	2214	Arkansas	Boone	15,000	51.5
California	1378	California	Lake	59,000	45.29
California	1674	California	San Benito	42,000	48.71
California	1678	California	Monterey	262,000	13.71
California	1679	California	Santa Cruz	160,000	33
California	1680	California	Sonoma	230,000	22.38
California	1684	California	Napa	2,200,000	32.17
California	1690	California	Los Angeles	4,000,000	25.29
California	1695	California	Solano	30,000	36
California	1703	California	Marin	53,000	25
California	1732	California	Alameda	229,476	39.25
California	1733	California	Alameda	47,229	54.6
California	1734	California	Alameda	68,150	32.8
California	1756	California	Monterey	262,000	13.71
California	1760	California	Yolo	4,006	14.17
California	1766	California	Yolo	7,286	24.17
California	1784	California	Marin	30,000	8.57
California	1796	California	Orange	120,000	25.43
California	1793	California	Riverside	28,000	37.2
California	1869	California	Riverside	350,000	35.57
California	365	California	Alameda	250,000	29.64
California	363	California	San Francisco, San Mateo	750,000	22.07
California	564	California	Alameda	50,000	48.57
Delaware	1930	Delaware	Sussex	13,172	21.86
Florida	1631	Florida	Orange	50,000	24.33
Florida	1699	Florida	Palm Beach	90,000	23.43
Florida	1705	Florida	Seminole	95,000	35.86
Florida	1848	Florida	Miami-Dade	920,528	32
Georgia	1663	Georgia	Fulton	189,593	16.14
Georgia	1697	Georgia	Fulton	12,818	32.71
Hawaii	2262	Hawaii	Hawaii	16,257	new site
Iowa	1783	Iowa	Muscatine	24,400	23.43
Iowa	1791	Iowa	Wapello	25,529	19.43
Idaho	1842	Idaho	Ada	108,536	11.43
Idaho	813	Idaho	Ada	108,536	11.43
Illinois	1721	Illinois	Du Page	63,000	19.71
Indiana	1738	Indiana	Clark	25,000	13.6
Kansas	1696	Kansas	Douglas	80,000	30.14
Kansas	1813	Kansas	Wyandotte	15,000	8.14
Maryland	1782	Maryland	Washington	90,000	29.71
Michigan	1682	Michigan	Macomb	140,000	31.86
Michigan	1691	Michigan	Wayne	90,000	22.75
Michigan	1781	Michigan	Kent	75,000	11.17
Michigan	2208	Michigan	Isabella	30,000	39.17
Minnesota	1675	Minnesota	Nicollet	70,000	5.71
Minnesota	2263	Minnesota	Goodhue	16,000	new site
North Carolina	1662	North Carolina	Cabarrus	100,000	15.57
North Carolina	569	North Carolina	Lenoir	25,000	N/A
New Hampshire	1755	New Hampshire	Strafford	30,000	9.14
New Jersey	2222	New Jersey	Monmouth	150,000	53.29
New Jersey	2271	New Jersey	Somerset	130,000	new site
Nevada	2106	Nevada	Clark	990,000	41.14
Ohio	1779	Ohio	Mahoning	176,000	16.43
Pennsylvania	1667	Pennsylvania	Dauphin	125,000	16.86
Pennsylvania	1737	Pennsylvania	Allegheny	220,000	20.71
Texas	1949	Texas	Montgomery	15,000	33.57
Utah	1708	Utah	Utah	115,000	17

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

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 precipitation. This helps to ensure that changes in the SARS-CoV-2 virus levels in wastewater that are related to "noise" and helps account for things like changing population sizes or weather events that can impact wastewater. Normalized data can be compared more accurately between different sites. Data presented here on this page is based on SARS-CoV-2 viral RNA concentrations in wastewater that have been normalized. See the [NWSS Data Available 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 Thursday as soon as they are reviewed and verified, oftentimes before 8 pm ET. Updates will occur by the following week if processing errors with a federal holiday. Note: Weekly updates might be delayed due to delays in reporting.

Percent of sites in each percent change category over time

- At any point in time, this chart shows what percent of sites reported decreased levels of virus in the previous 15 days, what percent had increased levels of virus, and what percent stayed the same.
- Viewed over time, the chart shows how this distribution changed.
- For each date, the number of sites in each percent change category is counted and divided by the total number of sampling sites with current data. This information is provided on a stacked area chart that shows the percent of sites in each category for the 15 days leading up to the selected date. The label "-5% to -15%" includes sites that had a decrease in virus levels between 5% and 15% over the 15 days. Similarly, the "10% to 30%" and "+100% or more" categories were combined into "-10% or more." Because the number of sampling sites has changed during the pandemic, the levels colored in the stacked area chart is shown as a black line on the chart.
- Not all sites have data since January 1, 2021, and not all sites have data for all dates shown on the chart.
- The percent of sites in each percent change category for each date may not add up to 100% due to rounding.

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 assigned a percentile rank from 0 to 100. The 0th percentile is the lowest level, and the 100th is the high that levels are compared to previous levels. The color in the 7-Day graph matches the level the latest sample at the sampling site and those in the 80-100% group represent the highest.
- Using December 1, 2021 as a starting date for the data makes data more consistent between sites. Sites that began reporting wastewater data after December 1, 2021 are not comparable to sites that began reporting before December 1, 2021. Sites that began after December 1, 2021 will have their new sites is not long enough to reflect the same scope as sites that began earlier.
- 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 actual concentrations of virus 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 to 1 million would also be 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 3 samples over the 15 days in order to calculate percent change. Sites with "no recent data" colored gray on the map) reported fewer than 3 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 particles in the current 15-day period (the "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 the 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 used to calculate a new line in the current time period. Historical concentrations for the new line 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 experiencing an a percent) that are in a specific metric category (for example, the 75-day percent change category). This metric is calculated by comparing 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 the metric category from the number of sites in the same category 7 days earlier and dividing by the number of sites in the category 7 days earlier.
- "**+**" 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 collection system. Sewersheds may cross county or state boundaries. Sites that cross county lines 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.
- Sites are 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 "City or Territory" dropdown menu, the "District of Columbia" or "New York City" is zoom to points reported within that jurisdiction. Please note some DC sampling locations may receive wastewater from sewersheds 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 new 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 unknown.
- Data from facility or institutional 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, wastewater surveillance does not represent these households.
- 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 report data to CDC.
- Data are reported through a CDC-managed contract with commercial testing labs 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 methods. Laboratory methods can differ in the sensitivity with which they detect and quantify virus in the wastewater matrix. Laboratories may change methods over time. Since different laboratories may use different methods and may change methods over time, CDC recommends caution when comparing data across labs with thresholds, concentration values should not be compared across sampling locations. Instead, percent change in SARS-CoV-2 concentrations and current trends in concentrations are used in 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 RT-qPCR replicates for the sample are 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 this page (on [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 Analytic Data Dictionary) is also available.
- To request detailed wastewater data, including a full-time history of raw concentrations, email your request to dhqpwastewater@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 can help inform 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?

Wastewater surveillance is voluntary, so not all communities participate in 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 wastewater utility. At this time, CDC does not release the names of the wastewater treatment plants or zip codes where sampling occurs to protect privacy. However, information on the counties served by wastewater sampling sites is provided.