COVID Data Tracker

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

CDC recommends use of COVIDs 19 Community Levels to determine the impact of COVID-19 on communities and to inform prevention decisions. Use of COVID Data Tracker to monitor SARS-CoV-2 Transmission to describe the amount of COVID-19 spread within each county. Healthcare facilities use COVID Data Tracker to monitor healthcare capacity information.

Cases 7-day average	Cases 7-day average	Deaths 7-day average	Current Hosp.	36.3% of People 12+ Fully Vaccinated
Cases 14-day Change	100,356,103	1,022,219	10,387	
	Case Trends	Death Trends	Admission Trends	

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Wastewater Surveillance

Wastewater Surveillance

COVID-19: Wastewater Surveillance

Communities can use 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) upload data to CDC's NWSS. CDC's NWSS data are updated every Tuesday and prepared for them in the COVID Data Tracker. 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 alongside other COVID-19 surveillance data to better understand COVID-19 spread in a community. Learn more about wastewater data by exploring each of the charts and maps.

View information about the data and download the data.

On This Page

Monitoring Wastewater Surveillance Data
Wastewater Metric Chart
Wastewater Metric Map
Data Downloads
Terms to Know
About the Data

Maps, charts, and data provided by CDC, updates Mon-Fri by 8pm ET. The representativeness of wastewater data submitted directly to CDC's NWSS SOPHIA platform, with the exceptions described in the *About the Data* section below, both on the map represents a site, but only the most recent sample reported in *per unit of* is "Sewer Shed" is the area contributing wastewater to a sampling location. Not all communities report wastewater data to CDC. Wastewater data from sites with insufficient data to calculate a trend are not shown on the wastewater map. Wastewater data from sites with insufficient data to calculate a trend are not included in the calculation of the percentage of sites reporting increasing or decreasing wastewater SARS-CoV-2 viral levels. Wastewater data from sites with insufficient data to calculate a trend are not included in the calculation of the percentage of sites reporting increasing or decreasing wastewater SARS-CoV-2 viral levels.

View Footnotes and Download Data

Wastewater Metric Chart

This chart shows the most recent wastewater data (bars) and the trend (increased and decreased) over time at wastewater sites across the United States. It shows the percent of sites in each category of the trend, with the most recent data on the right side of the chart. Hover over the chart for more details.

The percent change metric shows whether virus levels have increased or decreased at sites over the last 15 days.

- Blue categories (Large decrease (-100%) Decrease (-99% to -10%)): Virus levels decreased at these sites in the last 15 days.
- Yellow category (Stable (-9% to 9%)): Virus levels stayed about the same at these sites in the last 15 days.
- Orange and red categories (Increase (10% to 199%) Large increase (>100%)): Virus levels increased at these sites in the last 15 days.

The chart shows the overall percent of sites that were in each category over time since January 1, 2021. Hover over the chart to see the exact dates. The most recent data may be incomplete because it takes time for data to arrive at the point in time. If more area under the chart is shaded red or orange, it means virus levels were increasing at more sites in the past 15 days than at other times. Since the percent change in the last 15 days is based on the most recent data, it may be affected by incomplete data. Wastewater data from sites with less than 15 days of data are not shown. Hover over the number of samples with available data for each date.

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

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

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Wastewater Metric Map

State or territory: Select a State or Territory

County: Select a County or Select "All" for all counties in the selected state

Reset Selections

Time Period Jul 27, 2022 - Aug 10, 2022

Hotspot Criteria ⊡ Hotspot Criteria ⊡

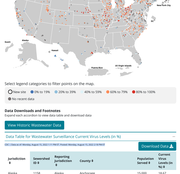
Show:
- Current virus levels in wastewater by site
- Percent change in the last 15 days
- Number of wastewater samples collected with available data
- Sites with no recent data
- Sites that contain sewer shed data

Current virus levels in wastewater by site

Sites with higher levels of SARS-CoV-2 levels at a site are currently higher or lower than past historical levels at the same site. Ok means levels are the lowest they have been at the site. High 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 take public health decisions.

Note: Sites began collecting data at different times. Sites that began reporting recently may not have data for a full year. Sites may also be in the process of reporting data or adjusting to December 1, 2021. The data history for these sites may look like it is trying to reflect the same surges as the other sites.

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


Sites with recent samples
Sites with no recent samples
Category changes in last 15 days
Large decrease
Decrease
Stable
Increase
Large increase
Sewer shed
Sewer shed
Sewer shed

Illinois	622	Illinois	Effingham	12,384	37.2
Illinois	624	Illinois	Stephenson	27,218	72.6
Illinois	627	Illinois	Morgan	23,818	96.4
Illinois	628	Illinois	Kankakee	56,317	76.6
Illinois	631	Illinois	Mcdonough	22,004	70
Illinois	635	Illinois	Cook	1,134,897	78.36
Illinois	636	Illinois	Cook	110,394	61.14
Illinois	638	Illinois	Cook	1,127,736	54.1
Illinois	641	Illinois	Cook	217,106	69.33
Illinois	643	Illinois	Lake	55,735	65.8
Illinois	644	Illinois	Lake	105,208	87
Illinois	645	Illinois	Lake	126,629	91.8
Illinois	647	Illinois	Peoria	157,379	76.4
Illinois	654	Illinois	Whiteside	18,678	72
Illinois	655	Illinois	Champaign	91,041	79
Illinois	675	Chicago	Cook	54,458	56.4
Illinois	731	Illinois	Bureau	5,223	96
Illinois	857	Illinois	Lawrence	4,399	58.4
Illinois	894	Illinois	Lee	15,115	61
Illinois	972	Illinois	Saint Clair	32,289	83.25
Illinois	979	Illinois	Mclean	44,237	59.75
Illinois	683	Illinois	Cook	161,000	22
Illinois	546	Illinois	Kankakee	65,000	45.25
Illinois	462	Illinois	Winnebago	240,000	61.6
Illinois	1244	Illinois	Du Page	86,000	73.25
Illinois	603	Illinois	Kane	11,290	79.5
Illinois	606	Illinois	Saint Clair	26,150	82.67
Illinois	607	Illinois	Boone	41,500	72.4
Illinois	611	Illinois	Fulton	13,506	88.6
Illinois	612	Illinois	Greene	3,064	70
Illinois	613	Illinois	Marion	15,738	N/A
Illinois	620	Illinois	Macon	70,746	85.8
Illinois	621	Illinois	Perry	6,448	89.4
Illinois	625	Illinois	Jo Daviess	3,460	51.8
Illinois	632	Illinois	Cook	270,647	58.29
Illinois	633	Illinois	Warren	10,836	91.8
Illinois	634	Illinois	Jefferson	21,169	89.2
Illinois	635	Chicago	Cook	3,590	46.2
Illinois	642	Illinois	Du Page	128,358	64.2
Illinois	646	Illinois	Richland	8,968	N/A
Illinois	675	Chicago	Cook	215,718	65.4
Illinois	697	Illinois	Rock Island	25,202	79
Illinois	698	Illinois	Rock Island	43,768	75.6
Illinois	699	Illinois	Tazewell	30,997	76.75
Illinois	871	Illinois	La Salle	18,307	76.2
Illinois	978	Illinois	Mclean	42,000	59.2
Illinois	980	Illinois	Mclean	44,237	64.5
Illinois	981	Illinois	De Kalb	43,862	63
Illinois	982	Illinois	Cook	1,263,110	79.1
Illinois	682	Illinois	Cook	265,000	40.8
Illinois	1062	Illinois	Kendall	210,655	77.67
Illinois	1100	Illinois	Du Page	40,438	65.2
Illinois	1246	Illinois	Du Page	65,000	58.4
Illinois	1247	Illinois	Lake	80,000	48.4
Illinois	1316	Illinois	Will	50,000	50
Illinois	1326	Illinois	Saint Clair	85,593	new site
Illinois	462	Illinois	Winnebago	353,599	64.8
Illinois	602	Illinois	Union	4,442	64.75
Illinois	604	Illinois	Cass	5,446	82.2
Illinois	617	Illinois	Mchenry	78,261	79.6
Illinois	623	Illinois	Clay	5,070	69.8
Illinois	626	Illinois	Knox	39,153	76.8
Illinois	635	Chicago	Cook	70,645	50.2
Illinois	637	Illinois	Cook	13,098	58.86
Illinois	639	Illinois	Cook	1,127,736	70.91
Illinois	649	Illinois	Bureau	7,555	80.2
Illinois	650	Illinois	Adams	50,695	86.6
Illinois	651	Illinois	Carroll	5,615	69
Illinois	652	Illinois	Shelby	5,329	63
Illinois	653	Illinois	Macoupin	4,480	67.6
Illinois	674	Chicago	Cook	52,306	55
Illinois	674	Chicago	Cook	91,964	71.8
Illinois	675	Chicago	Cook	203,376	56
Illinois	983	Illinois	Mchenry	15,000	78.2
Illinois	984	Illinois	Du Page	18,800	70
Indiana	1319	Indiana	Howard	45,000	new site
Indiana	1318	Indiana	Huntington	17,612	new site
Indiana	1281	Indiana	Delaware	67,000	51.4
Indiana	1273	Indiana	Dubois	16,000	72.5
Indiana	1273	Indiana	Dubois	16,000	new site
Indiana	1293	Indiana	St Joseph	100,000	47.2
Indiana	1352	Indiana	Jefferson	16,000	new site
Indiana	765	Indiana	Monroe	22,500	50.6
Indiana	828	Indiana	Hamilton	84,000	52.2
Indiana	1162	Indiana	Hamilton	98,000	23.2
Indiana	1267	Indiana	Kosciusko	14,000	55.6
Indiana	1269	Indiana	Lake	28,000	48.4
Indiana	1289	Indiana	Vigo	58,500	60
Indiana	1314	Indiana	Wayne	36,000	45
Indiana	1350	Indiana	Allen	72,200	new site
Indiana	678	Indiana	Bartholomew	49,000	60.2
Indiana	772	Indiana	Monroe	67,500	60
Indiana	678	Indiana	Bartholomew	50,000	N/A
Iowa	1303	Iowa	Woodbury	102,000	52.25
Iowa	105	Iowa	Johnson	21,000	50.6
Iowa	1356	Iowa	Mahaska	6,357	new site
Iowa	1355	Iowa	Mahaska	5,201	new site
Iowa	544	Iowa	Johnson	75,849	new site
Iowa	544	Iowa	Johnson	75,849	new site
Kansas	703	Kansas	Reno	40,000	new site
Kansas	787	Kansas	Shawnee	90,000	76.2
Kansas	472	Kansas	Reno	40,000	new site
Kansas	1300	Kansas	Johnson	42,235	46.6
Kansas	1299	Kansas	Johnson	112,076	22
Kansas	1292	Kansas	Johnson	66,377	37.6
Kansas	1305	Kansas	Johnson	54,985	44.4
Kansas	472	Kansas	Reno	40,000	73.5
Kansas	833	Kansas	Shawnee	50,000	55.4
Kansas	766	Kansas	Butler	13,000	new site
Kansas	766	Kansas	Butler	13,000	new site
Kansas	1304	Kansas	Johnson	73,829	35.4
Kansas	807	Kansas	Ford	27,000	72
Kentucky	1253	Kentucky	Boyd	32,575	71
Kentucky	1254	Kentucky	Rowan	15,212	80.5
Kentucky	1257	Kentucky	Magoffin	3,508	67
Kentucky	901	Kentucky	Jefferson	55,928	85
Kentucky	902	Kentucky	Jefferson	295,910	84.67
Kentucky	904	Kentucky	Jefferson	31,269	59
Kentucky	810	Kentucky	Estill	5,000	52
Kentucky	1255	Kentucky	Johnson	5,258	48.25
Kentucky	1207	Kentucky	Carroll	3,000	40
Kentucky	1256	Kentucky	Floyd	8,664	N/A
Kentucky	903	Kentucky	Jefferson	32,460	77
Kentucky	905	Kentucky	Jefferson	349,850	81.5
Louisiana	792	Louisiana	Orleans	389,000	35.5
Louisiana	727	Louisiana	Orleans	998,000	10.2
Louisiana	1229	Louisiana	Rapides	60,000	16.5
Louisiana	1107	Louisiana	East Baton Rouge	262,326	51.4
Louisiana	1116	Louisiana	East Baton Rouge	99,712	50.4
Maine	347	Maine	Knox	7,000	N/A
Maine	716	Maine	Cumberland	8,500	32.2
Maine	484	Maine	Franklin	2,750	new site
Maine	475	Maine	Piscataquis	900	68.6
Maine	347	Maine	Knox	7,000	47.8
Maine	1206	Maine	York	21,000	47.33
Maine	484	Maine	Franklin	2,750	new site
Maine	484	Maine	Franklin	2,750	22
Maine	507	Maine	Oxford	1,000	25.67
Maine	65	Maine	Lincoln	1,759	new site
Maine	65	Maine	Lincoln	1,700	new site
Maine	1206	Maine	York	21,000	new site
Maine	507	Maine	Oxford	1,000	27.25
Maine	560	Maine	Sagadahoc	8,514	66
Maine	65	Maine	Lincoln	1,759	40
Maine	475	Maine	Piscataquis	800	N/A
Maine	560	Maine	Sagadahoc	8,500	N/A
Maryland	547	Maryland	Howard	250,000	N/A
Maryland	666	Maryland	Allegany	45,000	61.6
Maryland	563	Maryland	Wicomico	37,000	83.4
Maryland	561	Maryland	Washington	90,000	65.2
Maryland	1284	Maryland	Anne Arundel	78,000	41.6
Maryland	1278	Maryland	Anne Arundel	22,000	71.2
Maryland	1278	Maryland	Anne Arundel	22,000	new site
Maryland	1260	Maryland	Anne Arundel	89,000	55.75
Maryland	1262	Maryland	Anne Arundel	11,000	61.4
Maryland	1261	Maryland	Anne Arundel	91,000	new site
Maryland	1261	Maryland	Anne Arundel	91,000	68.25
Maryland	1268	Maryland	Anne Arundel	150,000	44.4
Maryland	1285	Maryland	Anne Arundel	13,000	52.2
Maryland	1348	Maryland	Charles	88,500	new site
Maryland	563	Maryland	Wicomico	37,447	new site
Massachusetts	1384	Massachusetts	Middlesex	180,000	new site
Massachusetts	1180	Massachusetts	Worcester	12,000	58.6
Massachusetts	470	Massachusetts	Hampden	55,000	N/A
Massachusetts	1311	Massachusetts	Bristol	100,000	new site
Massachusetts	1330	Massachusetts	Worcester	3,000	new site
Massachusetts	470	Massachusetts	Hampden	55,000	56.2
Michigan	1018	Michigan	Bay	20,000	65.4
Michigan	1020	Michigan	Dickinson	3,200	70
Michigan	1040	Michigan	Ottawa	11,200	49.8
Michigan	1048	Michigan	Calhoun	6,964	53.8
Michigan	1050	Michigan	Saint Joseph	10,681	76.4
Michigan	1051	Michigan	Allegan	4,225	N/A
Michigan	1086	Michigan	Ottawa	20,000	70.25
Michigan	1087	Michigan	Genesee	72,240	10
Michigan	1106	Michigan	Iosco	5,000	88
Michigan	1136	Michigan	Clare	3,042	new site
Michigan	1155	Michigan	Tuscola	3,000	44.5
Michigan	1168	Michigan	Kent	68,000	N/A
Michigan	1215	Michigan	Kent	41,000	N/A
Michigan	1217	Michigan	Kent	145,000	82
Michigan	761	Michigan	Lenawee	8,680	70.46
Michigan	762	Michigan	Washtenaw	330,000	55.54
Michigan	799	Michigan	Washtenaw	150,000	79.2
Michigan	861	Michigan	Saginaw	40,000	83.25
Michigan	874	Michigan	Emmet	7,900	77.67
Michigan	891	Michigan	Kalamazoo	12,366	63.8
Michigan	891	Michigan	Kalamazoo	6,703	46.4
Michigan	891	Michigan	Kalamazoo	45,976	56
Michigan	896	Michigan	Wayne, Macomb	492,000	79
Michigan	898	Michigan	Oakland, Wayne	840,600	77.6
Michigan	533	Michigan	Alpena	12,000	N/A
Michigan	1039	Michigan	Saint Joseph	7,623	60.75
Michigan	1088	Michigan	Ottawa	25,000	66
Michigan	1091	Michigan	Schoolcraft	3,412	94.67
Michigan	1092	Michigan	Chippewa	15,000	60.5
Michigan	1096	Michigan	Muskegon	125,000	85.6
Michigan	1102	Michigan	Dickinson	13,500	60
Michigan	1121	Michigan	Saginaw	6,300	70.33
Michigan	1122	Michigan	Otsego	3,670	69.25
Michigan	1138	Michigan	Isabella	25,629	new site
Michigan	1167	Michigan	Kent	15,000	N/A
Michigan	1315	Michigan	Macomb	135,000	N/A
Michigan	756	Michigan	Kent	265,000	N/A
Michigan	757	Michigan	Jackson	90,000	61.33
Michigan	800	Michigan	Genesee	95,000	66.71
Michigan	801	Michigan	Grand Traverse	45,000	52.25
Michigan	823	Michigan	Houghton	14,000	72.25
Michigan	860	Michigan	Gratiot	8,976	76
Michigan	889	Michigan	Ottawa	6,657	61.6
Michigan	889	Michigan	Ottawa	6,524	49.5
Michigan	889	Michigan	Ottawa	45,608	71.8
Michigan	890	Michigan	Ottawa	36,912	55
Michigan	891	Michigan	Kalamazoo	14,378	37.25
Michigan	891	Michigan	Kalamazoo	39,068	70
Michigan	1036	Michigan	Allegan	5,500	56.8
Michigan	1040	Michigan	Ottawa	3,511	56.2
Michigan	1049	Michigan	Allegan	3,777	66.2
Michigan	1089	Michigan	Chippewa	6,546	77.67
Michigan	1090	Michigan	Manistee	8,154	N/A
Michigan	1093	Michigan	Mackinac	3,460	44
Michigan	1104	Michigan	Mackinac	14,400	48.33
Michigan	1105	Michigan	Menominee	3,842	N/A
Michigan	1119	Michigan	Roscommon	5,398	new site
Michigan	1125	Michigan	Marquette	25,000	46.67
Michigan	1166	Michigan	Huron	4,000	42.33
Michigan	1214	Michigan	Kent	40,000	N/A
Michigan	1216	Michigan	Midland	40,000	62.5
Michigan	1239	Michigan	Isabella	7,615	new site
Michigan	822	Michigan	Delta	12,600	45.4
Michigan	888	Michigan	Calhoun	70,000	64.8
Michigan	889	Michigan	Ottawa	11,057	59
Michigan	891	Michigan	Kalamazoo	9,709	62.8
Michigan	891	Michigan	Kalamazoo	3,416	49.2
Michigan	891	Michigan	Kalamazoo	11,246	72.2
Michigan	891	Michigan	Kalamazoo	31,189	45.6
Michigan	891	Michigan	Kalamazoo	194,170	60.6
Michigan	895	Michigan	Bay	34,000	new site
Michigan	897	Michigan	Oakland, Macomb	1,482,000	66.6
Minnesota	494	Minnesota	Olmsted	115,000	N/A
Minnesota	993	Minnesota	Scott, Dakota	150,000	33.6
Minnesota	494	Minnesota	Olmsted	115,000	new site
Minnesota	1108	Minnesota	Scott, Dakota	250,000	16.8
Minnesota	783	Minnesota	Dakota, Anoka, Ramsey, Hennepin, Washington	1,950,000	44.8
Minnesota	849	Minnesota	Hennepin, Carver, Scott	300,000	22.4
Missouri	119	Missouri	Boone	123,180	59
Missouri	139	Missouri	Miller	4,895	58.67
Missouri	143	Missouri	Saint Francois	10,114	60.33
Missouri	171	Missouri	Marion, Ralls	16,000	61.67
Missouri	195	Missouri	Cass, Jackson, Johnson	490,000	78.33
Missouri	218	Missouri	Clay	35,300	67
Missouri	238	Missouri	Saline	10,113	56
Missouri	253	Missouri	Audrain	11,500	53.67
Missouri	266	Missouri	Jefferson, Saint Louis	24,174	54
Missouri	268	Missouri	Saint Louis	451,367	59
Missouri	280	Missouri	Vernon	8,082	68.5
Missouri	295	Missouri	Jackson	7,985	new site
Missouri	312	Missouri	Perry	9,000	72
Missouri	317	Missouri	Platte	8,000	81
Missouri	321	Missouri	Butler	17,000	N/A
Missouri	358	Missouri	Pettis	7,500	91.67
Missouri	359	Missouri	Pettis	8,250	87.67
Missouri	385	Missouri	Buchanan	27,000	N/A
Missouri	386	Missouri	Saint Charles	60,000	35.5
Missouri	429	Missouri	Franklin	15,000	62.33
Missouri	69	Missouri	Taney	6,155	51
Missouri	71	Missouri	Linn	3,979	55.67
Missouri	827	Missouri	Dent	4,512	N/A
Missouri	87	Missouri	Barry	3,300	77
Missouri	95	Missouri	Livingston	9,000	61.33
Missouri	159	Missouri	Callaway	12,790	70.67
Missouri	184	Missouri	Jackson, Clay	43,200	N/A
Missouri	190	Missouri	Cole, Callaway	41,153	79
Missouri	192	Missouri	Jasper	34,403	N/A
Missouri	194	Missouri	Clay, Platte	76,759	72
Missouri	196	Missouri	Jackson	25,000	84
Missouri	198	Missouri	Clay	12,000	66.67
Missouri	200	Missouri	Johnson, Jackson, Wyandotte	61,250	62.33
Missouri	202	Missouri	Dunklin	11,300	80.5
Missouri	265	Missouri	Saint Louis	149,112	63.67
Missouri	284	Missouri	Christian	20,000	68.67
Missouri	365	Missouri	New Madrid, Scott	17,000	80.67
Missouri	380	Missouri	Greene	22,818	63
Missouri	404	Missouri	Lincoln	3,282	40.5
Missouri	407	Missouri	Franklin	7,936	N/A
Missouri	424	Missouri	Johnson	14,477	65.33
Missouri	438	Missouri	Saint Charles	44,852	75.67
Missouri	441	Missouri	Howell	12,000	69
Missouri	63	Missouri	Polk	10,500	62.67
Missouri	68	Missouri	Taney	10,559	66.33
Missouri	824	Missouri	Adair	17,496	N/A
Missouri	858	Missouri	Jackson, Cass	367,300	N/A
Missouri	114	Missouri	Henry	9,118	75
Missouri	130	Missouri	Stoddard	6,000	N/A
Missouri	132	Missouri	Saint Charles	58,776	68
Missouri	133	Missouri	Saint Charles	47,757	78.67
Missouri	156	Missouri	Madison	4,000	43.33
Missouri	191	Missouri	Newton	15,906	N/A
Missouri	197	Missouri	Clay, Platte	13,940	50
Missouri	199	Missouri	Platte, Clay	12,855	85.33
Missouri	213	Missouri	Barton	4,532	N/A
Missouri	240	Missouri	Webster	8,000	63
Missouri	242	Missouri	Nodaway	12,000	74
Missouri	259	Missouri	Barry, Lawrence	9,100	65.67
Missouri	264	Missouri	Saint Louis, Saint Louis City	306,647	44
Missouri	267	Missouri	Saint Louis	115,895	74.67
Missouri	269	Missouri	Jefferson, Saint Louis	66,738	54
Missouri	270	Missouri	Saint Louis, Saint Charles	174,537	67.67
Missouri	279	Missouri	Newton	12,000	60.67
Missouri	293	Missouri	Jefferson, Saint Louis	27,391	58
Missouri	294	Missouri	Saint Charles	16,000	N/A
Missouri	306	Missouri	Franklin, Saint Louis	7,001	59
Missouri	336	Missouri	Jefferson	12,293	N/A
Missouri	348	Missouri	Phelps	15,000	81.67
Missouri	360	Missouri	Pettis	10,730	66.67
Missouri	381	Missouri	Greene, Christian	151,966	N/A
Missouri	423	Missouri	Johnson	11,883	78.33
Missouri	64	Missouri	Saint Francois	7,165	69.33
Missouri	732	Missouri	Platte	7,000	new site
Missouri	78	Missouri	Caldwell, Clinton, Dekalb	9,700	74.67
Missouri	81	Missouri	Cape Girardeau, Scott	33,540	N/A
Missouri	82	Missouri	Carroll	3,784	68
Missouri	83	Missouri	Jasper	12,000	N/A
Montana	562	Montana	Missoula	68,015	13.25
Montana	562	Montana	Missoula	68,015	new site
Montana	1032	Montana	Gallatin	3,000	41
Montana	977	Montana	Lewis And Clark	37,125	73
Montana	1176	Montana	Custer	8,800	81
Montana	1035	Montana	Gallatin	1,272	47.67
Montana	976	Montana	Lewis And Clark	2,273	57.67
Nebraska	915	Nebraska	Dawes	5,561	N/A
Nebraska	920	Nebraska	Buffalo	33,790	88
Nebraska	987	Nebraska	Stanton, Madison	27,000	90.2
Nebraska	988	Nebraska	Lincoln	24,000	92
Nebraska	1312	Nebraska	Keith	4,793	new site
Nebraska	1331	Nebraska	York	8,000	new site
Nebraska	918	Nebraska	Hall	52,000	93.6
Nebraska	922	Nebraska	Lancaster	100,000	94.8
Nebraska	925	Nebraska	Lancaster	200,000	88.2
Nebraska	1312	Nebraska	Keith	4,793	new site
Nebraska	916	Nebraska	Platte	23,000	94
Nebraska	917	Nebraska	Dodge	28,000	94.4
Nebraska	919	Nebraska	Adams	24,692	95.6
Nebraska	921	Nebraska	Douglas	200,000	79.2
Nebraska	923	Nebraska	Douglas, Sarpy	600,000	91.4
Nebraska	924	Nebraska	Scotts Bluff	15,932	90.5
Nebraska	926	Nebraska	Wayne	5,560	79.4
Nevada	700	Nevada	Clark	15,500	N/A
Nevada	777	Nevada	Clark	246,258	16.8
Nevada	663	Nevada	Clark	265,000	15.6
Nevada	1082	Nevada	Clark	984,000	22.2
Nevada	554	Nevada	Washoe	200,000	22.2
Nevada	703	Nevada	Clark	650,000	26
Nevada	148	Nevada	Clark	1,001,800	N/A
New Hampshire	497	New Hampshire	Merrimack	40,000	N/A
New Hampshire	285	New Hampshire	Carroll	25,000	33
New Hampshire	402	New Hampshire	Sullivan	6,500	30.8
New Hampshire	497	New Hampshire	Merrimack	43,000	71.8
New Jersey	1385	New Jersey	Hudson	145,000	new site
New Jersey	1291	New Jersey	Passaic	54,000	32.5
New Jersey	784	New Jersey	Union, Middlesex, Somerset	880,000	47.2
New Jersey	784	New Jersey	Middlesex	880,000	N/A
New Jersey	1322	New Jersey	Union, Essex	1,300,000	new site
New Jersey	788	New Jersey	Passaic, Bergen, Essex, Hudson	1,500,000	42.4
New Mexico	853	New Mexico	Los Alamos	13,179	37.4
New Mexico	1386	New Mexico	Los Alamos	13,000	new site
New Mexico	764	New Mexico	Bernalillo, Sandoval	650,000	41.2
New York	1022	New York	Schenectady	65,000	N/A
New York	1003	New York	Monroe	550,000	N/A
New York	549	New York	Kings	1,068,012	33.25
New York	509	New York	New York	588,772	62.6
New York	498	New York	Bronx	684,569	46.4
New York	1010	New York	Monroe	155,096	43.75
New York	1021	New York	Nassau	20,616	61.25
New York	1041	New York	Suffolk	278,775	32.43
New York	1043	New York	Suffolk	3,349	70.4
New York	1098	New York	Sullivan	4,925	89.67
New York	1149	New York	Tioga	3,750	66.67
New York	1153	New York	Livingston	15,688	63
New York	1213	New York	Ontario	17,936	new site
New York	1400	New York	Broome	24,672	new site
New York	1403	New York	Rockland	12,676	new site
New York	1404	New York	Rockland	10,890	new site
New York	426	New York	Orange	6,729	49
New York	479	New York	Chenango	6,734	70.67
New York	513	New York	Onondaga	30,613	42.33
New York	529	New York	Orange	8,568	74.4
New York	567	New York	Fulton	23,379	32
New York	689	New York	Tompkins	9,770	77.33
New York	690	New York	Cortland	26,950	60
New York	691	New York	Herkimer	13,924	61.33
New York	718	New York	Putnam	3,656	68
New York	719	New York	Nassau	24,041	60.5
New York	739	New York	Orange	42,921	76.6
New York	742	New York	Albany	80,922	42
New York	776	New York	Ulster	26,599	59.33
New York	836	New York	Nassau	611,349	55.33
New York	837	New York	Rockland	53,437	50
New York	838	New York	Rockland	207,430	55.33
New York	974	New York	Yates	5,339	59
New York	485	New York	Kings	283,428	65

New York	505	New York	Queens	410,812	61.4
New York	545	New York	Queens	728,123	46.4
New York	551	New York	Kings	758,007	49
New York	553	New York	Kings	192,050	35.4
New York	1009	New York	Niagara	45,000	N/A
New York	1010	New York	Monroe	103,000	N/A
New York	1021	New York	Nassau	32,000	N/A
New York	1041	New York	Suffolk	346,000	N/A
New York	1045	New York	Essex	5,000	N/A
New York	776	New York	Ulster	24,000	N/A
New York	1022	New York	Schenectady	78,444	57
New York	1042	New York	Columbia	6,374	62
New York	1044	New York	Suffolk	24,147	31.2
New York	1045	New York	Essex	6,264	42.2
New York	1068	New York	Tompkins	56,967	72.33
New York	1099	New York	Wyoming	3,448	55.67
New York	1112	New York	Albany	109,426	42.33
New York	1150	New York	Suffolk	7,741	new site
New York	123	New York	Steuben	10,605	57.57
New York	1325	New York	Franklin	4,918	new site
New York	1335	New York	Chemung	38,037	new site
New York	1405	New York	Rockland	4,115	new site
New York	477	New York	Essex	3,076	65.33
New York	483	New York	Delaware	3,581	47
New York	515	New York	Madison	4,843	N/A
New York	519	New York	Orange	6,369	62.2
New York	522	New York	Orange	27,434	60
New York	524	New York	Orange	36,227	72.4
New York	526	New York	Orange	41,135	N/A
New York	531	New York	Jefferson	4,077	20
New York	532	New York	Onondaga	25,965	37.67
New York	580	New York	Monroe	43,074	57.6
New York	694	New York	Franklin	7,175	57.67
New York	695	New York	Oswego	14,199	77
New York	721	New York	Rensselaer	79,699	40
New York	722	New York	Saratoga	152,482	61.33
New York	723	New York	Seneca	6,961	36.67
New York	869	New York	Warren	23,462	58.33
New York	986	New York	Washington	12,260	64.5
New York	487	New York	Queens	848,328	52.6
New York	500	New York	New York	588,772	35
New York	503	New York	Queens	90,474	41.4
New York	541	New York	Kings	596,326	57.6
New York	550	New York	Richmond	244,918	48.8
New York	552	New York	Richmond	198,128	77.4
New York	1097	New York	Dutchess	35,000	N/A
New York	512	New York	Cayuga	33,000	N/A
New York	1003	New York	Monroe	487,322	43
New York	1030	New York	Broome	38,726	48.67
New York	1078	New York	Wayne	8,931	49
New York	1097	New York	Dutchess	38,207	55.6
New York	1151	New York	Oneida	27,849	63.33
New York	1170	New York	Greene	4,896	new site
New York	1242	New York	Schoharie	5,326	new site
New York	1306	New York	Nassau	524,955	new site
New York	1336	New York	Chemung	18,085	new site
New York	1400	New York	Broome	52,501	new site
New York	1401	New York	Rockland	36,527	new site
New York	1402	New York	Clinton	20,893	new site
New York	512	New York	Cayuga	31,814	49.33
New York	514	New York	Onondaga	16,168	44
New York	516	New York	Madison	4,908	N/A
New York	517	New York	Livingston	4,730	70
New York	518	New York	Steuben	5,162	53.8
New York	520	New York	Onondaga	39,352	44
New York	521	New York	Onondaga	242,377	52.33
New York	525	New York	Onondaga	50,727	36.67
New York	527	New York	Madison	9,207	45
New York	528	New York	Otsego	19,383	68
New York	52	New York	Steuben	5,941	53.5
New York	530	New York	Madison	3,317	N/A
New York	692	New York	Saint Lawrence	10,794	60
New York	693	New York	Ulster	10,577	46.33
New York	717	New York	Montgomery	19,679	66.67
New York	720	New York	Lewis	3,953	N/A
New York	738	New York	Putnam	4,480	61
New York City	549	New York City	Queens	1,156,473	N/A
New York City	505	New York City	Queens	449,906	N/A
New York City	500	New York City	New York	658,595	N/A
New York City	498	New York City	Bronx	755,948	N/A
New York City	485	New York City	Kings	290,607	N/A
New York City	487	New York City	Queens	924,694	N/A
New York City	541	New York City	Kings	682,341	N/A
New York City	545	New York City	Queens	748,737	N/A
New York City	551	New York City	Kings	906,441	N/A
New York City	552	New York City	Richmond	226,166	N/A
New York City	553	New York City	Kings	224,028	N/A
New York City	503	New York City	Queens	120,539	N/A
New York City	509	New York City	Bronx	1,201,485	N/A
New York City	550	New York City	Richmond	258,731	N/A
North Carolina	704	North Carolina	Rowan	31,536	N/A
North Carolina	597	North Carolina	Sampson	9,000	N/A
North Carolina	571	North Carolina	Wayne	4,520	N/A
North Carolina	568	North Carolina	Watauga	38,000	N/A
North Carolina	1223	North Carolina	Rowan	22,940	54
North Carolina	1220	North Carolina	Rowan	31,536	62.6
North Carolina	1148	North Carolina	Surry	10,000	70.8
North Carolina	237	North Carolina	Mcdowell	8,459	63
North Carolina	345	North Carolina	Northampton, Halifax	14,320	73.6
North Carolina	405	North Carolina	Jackson	13,296	60.6
North Carolina	84	North Carolina	Wake	84,189	69
North Carolina	86	North Carolina	Wake	75,886	68
North Carolina	93	North Carolina	Mecklenburg	182,501	77.4
North Carolina	1179	North Carolina	Watauga	26,000	62
North Carolina	421	North Carolina	Pender, Duplin	10,000	61
North Carolina	421	North Carolina	Duplin, Pender	10,000	new site
North Carolina	538	North Carolina	Pasquotank	18,000	new site
North Carolina	539	North Carolina	Vance	15,000	76.25
North Carolina	144	North Carolina	Cumberland	151,589	74.6
North Carolina	166	North Carolina	Guilford	135,821	52.6
North Carolina	216	North Carolina	Scotland	15,527	74.6
North Carolina	271	North Carolina	Buncombe, Henderson	173,000	68.2
North Carolina	303	North Carolina	Orange, Durham	78,141	78
North Carolina	334	North Carolina	Wake	30,655	60
North Carolina	369	North Carolina	Orange, Durham	108,105	68.2
North Carolina	450	North Carolina	New Hanover	58,361	62
North Carolina	452	North Carolina	Forsyth	178,000	77
North Carolina	53	North Carolina	Carteret	3,500	69
North Carolina	85	North Carolina	Wake	74,331	66.4
North Carolina	92	North Carolina	Mecklenburg	68,685	69.4
North Carolina	94	North Carolina	Mecklenburg	120,000	69
North Carolina	492	North Carolina	Henderson	16,000	60
North Carolina	536	North Carolina	Jackson, Swain	12,000	63
North Carolina	537	North Carolina	Stanly	20,000	55.2
North Carolina	569	North Carolina	Lenoir, Greene	20,484	83
North Carolina	575	North Carolina	Mitchell	3,500	74.2
North Carolina	537	North Carolina	Stanly	20,000	N/A
North Carolina	705	North Carolina	Rowan	22,940	N/A
North Carolina	111	North Carolina	Wilson	49,384	82
North Carolina	167	North Carolina	Pitt	89,616	74.2
North Carolina	332	North Carolina	Wake	550,000	67.4
North Carolina	335	North Carolina	Wake	7,776	66
North Carolina	451	North Carolina	New Hanover	67,743	60.8
Ohio	127	Ohio	Montgomery	226,729	63.4
Ohio	129	Ohio	Defiance	23,027	82
Ohio	134	Ohio	Montgomery	78,509	53.8
Ohio	214	Ohio	Fairfield	24,303	78.8
Ohio	228	Ohio	Lucas	195,577	77.25
Ohio	235	Ohio	Washington	15,284	82.8
Ohio	273	Ohio	Hamilton	125,247	78.2
Ohio	309	Ohio	Licking	3,300	73.8
Ohio	315	Ohio	Miami	20,581	75.4
Ohio	322	Ohio	Ottawa	7,000	58.2
Ohio	36	Ohio	Summit	377,378	59.4
Ohio	374	Ohio	Franklin	654,817	82
Ohio	388	Ohio	Jefferson	17,864	82.6
Ohio	395	Ohio	Hamilton	83,058	74.4
Ohio	398	Ohio	Lucas	372,208	N/A
Ohio	403	Ohio	Montgomery	65,000	42
Ohio	422	Ohio	Trumbull	68,874	69.6
Ohio	54	Ohio	Greene	46,160	56
Ohio	74	Ohio	Crawford	12,362	80
Ohio	868	Ohio	Wayne	6,500	N/A
Ohio	112	Ohio	Wayne	27,000	75.75
Ohio	140	Ohio	Lorain	54,500	79
Ohio	157	Ohio	Sandusky	25,000	55.5
Ohio	186	Ohio	Lawrence	10,445	74.67
Ohio	205	Ohio	Hardin	8,500	N/A
Ohio	233	Ohio	Richland	52,000	85.8
Ohio	263	Ohio	Knox	18,000	N/A
Ohio	274	Ohio	Henry	12,246	34.6
Ohio	291	Ohio	Huron	17,000	86.25
Ohio	301	Ohio	Lucas	44,680	74
Ohio	304	Ohio	Butler	22,000	39.2
Ohio	326	Ohio	Scioto	20,366	74.6
Ohio	411	Ohio	Wyandot	6,700	51.2
Ohio	442	Ohio	Montgomery	113,629	71.75
Ohio	79	Ohio	Stark	85,000	93.2
Ohio	859	Ohio	Mercer	4,800	74.2
Ohio	773	Ohio	Brown	4,773	new site
Ohio	101	Ohio	Preble	8,400	28.33
Ohio	102	Ohio	Marion	36,000	54.5
Ohio	108	Ohio	Erie	55,000	88.6
Ohio	121	Ohio	Ashtabula	12,000	74.6
Ohio	124	Ohio	Coshocton	12,000	78.2
Ohio	131	Ohio	Tuscarawas	13,572	69.2
Ohio	141	Ohio	Belmont	13,169	N/A
Ohio	147	Ohio	Hancock	42,000	77
Ohio	168	Ohio	Darke	13,000	36.6
Ohio	170	Ohio	Butler	65,000	81
Ohio	187	Ohio	Franklin	645,940	74
Ohio	204	Ohio	Portage	29,000	95.8
Ohio	219	Ohio	Allen	61,000	68
Ohio	221	Ohio	Hamilton	200,666	60.8
Ohio	222	Ohio	Medina	35,000	86.8
Ohio	225	Ohio	Lorain	72,000	67.4
Ohio	241	Ohio	Union	24,677	64
Ohio	255	Ohio	Hamilton	566,136	62
Ohio	276	Ohio	Cuyahoga	313,158	86
Ohio	277	Ohio	Cuyahoga	524,154	91.6
Ohio	278	Ohio	Cuyahoga	103,379	91.2
Ohio	282	Ohio	Licking	45,000	85
Ohio	311	Ohio	Wood	21,000	38.5
Ohio	382	Ohio	Clark	88,710	74.6
Ohio	428	Ohio	Fayette	14,000	81.8
Ohio	43	Ohio	Fulton	6,000	55.25
Ohio	455	Ohio	Mahoning	65,469	61.8
Ohio	456	Ohio	Muskingum	47,500	79.75
Ohio	46	Ohio	Ashtabula	31,430	89.8
Ohio	48	Ohio	Athens	24,536	78.6
Ohio	67	Ohio	Wood	32,000	59.8
Ohio	73	Ohio	Williams	8,655	66.8
Ohio	975	Ohio	Greene	4,100	64.25
Ohio	98	Ohio	Pickaway	13,965	75.4
Oklahoma	767	Oklahoma	Garfield	50,249	N/A
Oklahoma	831	Oklahoma	Beckham	11,500	new site
Oklahoma	1264	Oklahoma	Carter	25,000	65.5
Oklahoma	769	Oklahoma	Comanche	93,000	new site
Oklahoma	831	Oklahoma	Beckham	11,500	52.25
Oklahoma	809	Oklahoma	Murray	5,000	new site
Oregon	797	Oregon	Clackamas	76,600	N/A
Oregon	775	Oregon	Clackamas	103,800	N/A
Oregon	774	Oregon	Clackamas	4,000	N/A
Oregon	1200	Oregon	Multnomah, Washington	654,741	16.5
Oregon	469	Oregon	Jackson	21,105	45.33
Oregon	931	Oregon	Baker	9,860	50
Oregon	932	Oregon	Deschutes	92,850	N/A
Oregon	933	Oregon	Clackamas	14,206	38.33
Oregon	935	Oregon	Polk	16,555	68
Oregon	937	Oregon	Lincoln	8,865	70.2
Oregon	939	Oregon	Lincoln	10,400	54.6
Oregon	940	Oregon	Deschutes	32,255	53.2
Oregon	941	Oregon	Marion	26,273	N/A
Oregon	950	Oregon	Josephine	37,725	82.25
Oregon	951	Oregon	Umatilla	18,775	65.8
Oregon	953	Oregon	Klamath	20,840	54.8
Oregon	956	Oregon	Jackson	133,708	N/A
Oregon	965	Oregon	Marion	10,520	66.5
Oregon	967	Oregon	Marion	10,840	39.33
Oregon	970	Oregon	Jefferson	3,200	81.33
Oregon	971	Oregon	Lane	235,155	83.2
Oregon	1164	Oregon	Washington, Clackamas	25,780	37
Oregon	1200	Oregon	Multnomah, Washington	654,741	new site
Oregon	934	Oregon	Benton	58,856	72.11
Oregon	936	Oregon	Lane	8,925	83.75
Oregon	942	Oregon	Washington	220,000	N/A
Oregon	943	Oregon	Washington	40,000	60.5
Oregon	945	Oregon	Multnomah	662,235	63.4
Oregon	947	Oregon	Lane	10,200	66.5
Oregon	949	Oregon	Washington	40,000	78.83
Oregon	955	Oregon	Yamhill	34,615	72.5
Oregon	959	Oregon	Umatilla	17,500	51.25
Oregon	961	Oregon	Marion	229,000	52
Oregon	1164	Oregon	Clackamas, Washington	25,780	new site
Oregon	1201	Oregon	Washington, Multnomah, Clackamas	45,600	32.6
Oregon	929	Oregon	Linn	57,785	64.8
Oregon	930	Oregon	Clatsop	11,326	N/A
Oregon	938	Oregon	Yamhill	24,140	23
Oregon	944	Oregon	Washington	9,900	66.4
Oregon	952	Oregon	Hood River	7,800	73.5
Oregon	957	Oregon	Coos	9,975	60
Oregon	958	Oregon	Malheur	10,966	78.2
Oregon	963	Oregon	Yamhill	6,100	N/A
Oregon	966	Oregon	Columbia	13,739	34.25
Pennsylvania	726	Pennsylvania	Montgomery	13,000	N/A
Pennsylvania	1161	Pennsylvania	Lehigh	6,598	new site
Pennsylvania	1358	Pennsylvania	Cumberland	25,000	54.57
Pennsylvania	1369	Pennsylvania	Westmoreland	25,000	new site
Pennsylvania	1370	Pennsylvania	Lehigh	200,000	25
Pennsylvania	1375	Pennsylvania	York	85,000	new site
Pennsylvania	1390	Pennsylvania	Monroe	25,000	new site
Pennsylvania	1081	Pennsylvania	Montgomery	13,000	47.2
Pennsylvania	125	Pennsylvania	Butler, Allegheny	41,000	57
Pennsylvania	1366	Pennsylvania	Dauphin	124,000	new site
Pennsylvania	1083	Pennsylvania	Montgomery	10,000	39.2
Pennsylvania	1388	Pennsylvania	Allegheny	22,000	new site
Pennsylvania	707	Pennsylvania	Montgomery	15,500	N/A
Pennsylvania	1357	Pennsylvania	Montgomery	30,000	58.86
Pennsylvania	1359	Pennsylvania	Erie	200,000	65.71
Pennsylvania	1367	Pennsylvania	Franklin	67,000	new site
Pennsylvania	1375	Pennsylvania	York	85,000	38.57
Pennsylvania	1376	Pennsylvania	Westmoreland	4,600	58.33
Rhode Island	474	Rhode Island	Providence	80,000	N/A
Rhode Island	835	Rhode Island	Bristol	11,000	37
Rhode Island	835	Rhode Island	Bristol	11,000	new site
Rhode Island	565	Rhode Island	Kent	6,000	20
Rhode Island	464	Rhode Island	Providence	240,000	42.4
Rhode Island	1224	Rhode Island	Kent	33,000	42.6
Rhode Island	677	Rhode Island	Bristol	21,100	35.2
Rhode Island	565	Rhode Island	Kent	6,000	N/A
Rhode Island	1134	Rhode Island	Kent	60,224	46.2
Rhode Island	548	Rhode Island	Providence	120,000	31.2
Rhode Island	76	Rhode Island	Providence	10,000	56.4
Rhode Island	412	Rhode Island	Providence	20,000	N/A
South Carolina	1159	South Carolina	Florence, Darlington	45,000	46.2
South Carolina	884	South Carolina	Greenville	400,000	62.8
South Carolina	906	South Carolina	Lexington	40,000	N/A
South Carolina	908	South Carolina	Richland	60,000	64.75
South Carolina	1265	South Carolina	Georgetown	12,000	68
South Carolina	599	South Carolina	Greenwood	12,000	77.6
South Carolina	600	South Carolina	Greenwood	48,000	N/A
South Carolina	877	South Carolina	Kershaw	8,825	74
South Carolina	878	South Carolina	Charleston	64,170	63
South Carolina	883	South Carolina	York	88,000	78
South Carolina	885	South Carolina	Georgetown	30,000	73.8
South Carolina	909	South Carolina	Horry	195,000	68.4
South Carolina	600	South Carolina	Greenwood	48,000	75.2
South Carolina	491	South Carolina	Darlington	8,100	N/A
South Dakota	672	South Dakota	Pennington	80,000	46.6
South Dakota	493	South Dakota	Beadle	13,289	N/A
South Dakota	1165	South Dakota	Yankton	15,500	new site
South Dakota	1165	South Dakota	Yankton	15,500	49.4
South Dakota	1266	South Dakota	Lincoln, Minnehaha	215,000	44.4
South Dakota	493	South Dakota	Beadle	13,289	new site
Tennessee	1329	Tennessee	Shelby	300,000	new site
Tennessee	1282	Tennessee	Rutherford, Williamson, Davidson	600,000	20
Tennessee	1283	Tennessee	Davidson	600,000	30
Tennessee	1389	Tennessee	Sumner	45,000	new site
Tennessee	1323	Tennessee	Shelby	300,000	new site
Tennessee	496	Tennessee	Bradley	52,000	76.8
Texas	566	Texas	El Paso	142,648	N/A
Texas	865	Texas	Webb	120,000	51.5
Texas	847	Texas	Bexar	230,000	18
Texas	667	Texas	Galveston	26,400	38.8
Texas	1231	Texas	Dallas	500,000	new site
Texas	1131	Texas	Kaufman	138,700	new site
Texas	113	Houston	Harris	3,825	72.33
Texas	201	Houston	Harris	124,000	89.67
Texas	207	Houston	Harris, Montgomery	52,055	91
Texas	250	Houston	Harris	20,161	73
Texas	289	Houston	Harris	19,867	72.67
Texas	350	Houston	Harris	20,608	48
Texas	366	Houston	Harris	109,414	66
Texas	367	Houston	Harris	109,414	65.67
Texas	406	Houston	Harris	59,188	84
Texas	434	Houston	Harris, Fort Bend	20,920	81
Texas	443	Houston	Harris	3,623	72
Texas	446	Houston	Harris	20,758	79.33
Texas	449	Houston	Harris	8,610	83.67
Texas	56	Houston	Harris	70,900	90
Texas	1140	Texas	Travis	500,000	19.2
Texas	1210	Texas	Dallas	900,000	66.6
Texas	1231	Texas	Dallas	500,000	78
Texas	566	Texas	El Paso	143,000	new site
Texas	593	Texas	Galveston	89,600	22.25
Texas	673	Texas	El Paso	436,000	45.4
Texas	811	Texas	Bexar	415,000	25
Texas	848	Texas	Bexar	630,000	43.6
Texas	867	Texas	Webb	140,000	48.25
Texas	481	Texas	Dallas	200,000	N/A
Texas	593	Texas	Galveston	80,000	N/A
Texas	667	Texas	Galveston	40,000	N/A
Texas	135	Houston	Harris	16,030	72.33
Texas	149	Houston	Harris	4,170	69
Texas	160	Houston	Harris	40,689	75.67
Texas	183	Houston	Harris	16,804	78
Texas	290	Houston	Harris	95,600	63.67
Texas	307	Houston	Harris	5,497	69
Texas	35	Houston	Harris	551,150	93
Texas	40	Houston	Harris	117,968	73
Texas	435	Houston	Harris	33,645	79.33
Texas	439	Houston	Harris	85,129	75
Texas	97	Houston	Harris	37,359	92
Texas	1131	Texas	Kaufman	138,700	new site
Texas	1141	Texas	Travis	510,000	45
Texas	681	Texas	El Paso	142,000	29.33
Texas	709	Texas	El Paso	170,000	new site
Texas	805	Texas	Dallas	900,000	61
Texas	863	Texas	Webb	30,000	42.25
Texas	665	Texas	Dallas	179,800	N/A
Texas	780	Texas	Hardin	29,500	N/A
Texas	165	Houston	Harris, Fort Bend	28,742	79.33
Texas	176	Houston	Harris	9,375	77.67
Texas	272	Houston	Harris	4,010	76
Texas	287	Houston	Harris	12,892	85
Texas	288	Houston	Harris	33,102	73.67
Texas	373	Houston	Harris	32,485	82.33
Texas	375	Houston	Harris	293,227	50.67
Texas	409	Houston	Harris	97,918	87
Utah	12	Utah	Cache	94,005	73.5
Utah	17	Utah	Utah	112,901	67.6
Utah	20	Utah	Utah	21,231	48.6
Utah	21	Utah	Duchesne	6,790	53
Utah	23	Utah	Summit	6,390	64.4
Utah	25	Utah	Davis	21,872	59
Utah	27	Utah	Washington	92,047	57
Utah	34	Utah	Box Elder	12,451	74.2
Utah	3	Utah	Box Elder	21,443	57.6
Utah	6	Utah	Davis	64,533	53.2
Utah	1270	Utah	Tooele	13,000	54.5
Utah	10	Utah	Cache	9,095	69
Utah	11	Utah	Salt Lake	89,507	61.6
Utah	11	Utah	Salt Lake, Utah	94,484	55.8
Utah	15	Utah	Grand, San Juan	9,896	54.5
Utah	16	Utah	Weber, Davis	228,700	60.6
Utah	18	Utah	Utah	102,624	63.2
Utah	19	Utah	Carbon	17,312	80.2
Utah	22	Utah	Summit	25,444	68.6
Utah	24	Utah	Davis	84,981	62.2
Utah	26	Utah	Utah	53,313	61.2
Utah	28	Utah	Salt Lake	209,645	65
Utah	2	Utah	Uintah	29,513	57.4
Utah	33	Utah	Utah	253,112	75.6
Utah	5	Utah	Iron	32,451	66.8
Utah	9	Utah	Davis, Weber	208,850	60.8
Utah	1077	Utah	Wasatch	19,936	86.4
Utah	1	Utah	Washington	24,970	64.5
Utah	29	Utah	Utah	12,510	52.2
Utah	30	Utah	Salt Lake	254,971	62.2
Utah	31	Utah	Utah	35,840	65.2
Utah	32	Utah	Tooele	36,244	70.6
Utah	7	Utah	Salt Lake	515,494	60.8
Vermont	796	Vermont	Windsor	9,000	N/A
Vermont	770	Vermont	Franklin	7,500	45.6

Vermont 1157	Vermont	Bennington	15,000 47.8
Vermont 1158	Vermont	Chittenden	110,487 27.6
Vermont 1080	Vermont	Chittenden	31,000 N/A
Vermont 701	Vermont	Franklin	8,500 new site
Virginia 1	Virginia	Chesterfield, Petersburg City, Colonial Heights City, Prince George	15,000 27.6
Virginia 540	Virginia	Fairfax	16,000 60
Virginia 1338	Virginia	Mecklenburg	5,000 new site
Virginia 1339	Virginia	Newport News City, Hampton City	5,000 new site
Virginia 1259	Virginia	Alleghany	5,000 new site
Virginia 1218	Virginia	Petersburg City	30,000 48.6
Virginia 1219	Virginia	Wise	110,487 27.6
Virginia 1195	Virginia	Norfolk City	78,522 69
Virginia 1113	Virginia	Alleghany	5,000 new site
Virginia 189	Virginia	Pittsylvania	47,000 N/A
Virginia 1181	Virginia	Bath, Prince William, Stafford	15,000 N/A
Virginia 181	Virginia	Williamsburg City, Newport News City, New Kent, James City	69,059 51
Virginia 220	Virginia	Stafford	44,000 69.67
Virginia 221	Virginia	Spotsylvania	44,000 69.67
Virginia 342	Virginia	Goochland, Henrico, Richmond City, Hanover, Powhatan, Roanoke City, Salem	225,000 52
Virginia 346	Virginia	Spotsylvania	300,000 N/A
Virginia 347	Virginia	Spotsylvania	300,000 N/A
Virginia 42	Virginia	Prince William, Stafford	10,000 50
Virginia 43	Virginia	Fairfax	10,000 N/A
Virginia 583	Virginia	Chesapeake City, Virginia Beach City, Norfolk City	100,848 N/A
Virginia 587	Virginia	Norfolk City, Virginia Beach City, Chesapeake City, Portsmouth City	192,347 N/A
Virginia 589	Virginia	Mathews, Powhatan City, Hampton City, Gloucester, Newport News City, York	99,112 N/A
Virginia 1113	Virginia	Alleghany	207,627 N/A
Virginia 1198	Virginia	Wise	9,340 36.4
Virginia 1199	Virginia	Lancaster, York, Mathews	99,112 N/A
Virginia 1272	Virginia	Franklin	5,000 68.3
Virginia 1273	Virginia	Franklin	5,000 68.3
Virginia 38	Virginia	Alexandria City, Fairfax	300,000 61
Virginia 410	Virginia	Prince William, Fauquier, Manassas Park City, Fairfax, Fairfax City, Manassas City, Alexandria City	350,000 69.67
Virginia 586	Virginia	Chesapeake City, Virginia Beach City, Suffolk City, Isle Of Wight	197,638 N/A
Virginia 588	Virginia	Isle Of Wight, Suffolk City, New Kent, Williamsburg City	69,059 N/A
Virginia 590	Virginia	Hampton City, Norfolk City	78,522 N/A
Virginia 1160	Virginia	Hanover	20,000 71
Virginia 1161	Virginia	Fredericks	51,470 70.1
Virginia 1259	Virginia	Clifton Forge City	5,000 new site
Virginia 1260	Virginia	Bedford	162,140 27.6
Virginia 188	Virginia	Chesapeake City, Virginia Beach City, Norfolk City, Portsmouth City	192,347 57.67
Virginia 229	Virginia	Amherst, Bedford, Campbell	220,000 59.5
Virginia 286	Virginia	Harrisonburg City, Rockingham	81,000 53.67
Virginia 453	Virginia	Prince William, Stafford	70,000 N/A
Virginia 454	Virginia	Washington	7,300 76.3
Virginia 583	Virginia	Hampton City, Norfolk City	78,522 N/A
Virginia 584	Virginia	Newport News City, Hampton City, Virginia Beach City, Norfolk City, Newport News City	118,407 N/A
Virginia 585	Virginia	Virginia Beach City, Hampton City, Newport News City	118,407 N/A
Washington 708	Washington	Whatcom	3,700 N/A
Washington 664	Washington	Snohomish	10,500 N/A
Washington 665	Washington	Island	6,875 N/A
Washington 666	Washington	Clark	16,950 new site
Washington 667	Washington	Kitsap	16,950 new site
Washington 676	Washington	King, Snohomish	288,000 12.8
Washington 677	Washington	Snohomish	20,000 14.8
Washington 510	Washington	Clark	81,140 new site
Washington 511	Washington	Kitsap	109,000 N/A
Washington 1084	Washington	Clark	120,000 33.5
Washington 1398	Washington	Grant	8,475 new site
Washington 754	Washington	Franklin	39,009 81.2
Washington 755	Washington	Benton	15,000 83.6
Washington 756	Washington	Benton	15,000 83.6
Washington 1139	Washington	King, Pierce	896,000 20.2
Washington 1140	Washington	Clark	162,140 27.6
Washington 510	Washington	Clark	81,140 14
Washington 511	Washington	Snohomish	7,135 N/A
Washington 768	Washington	Snohomish	173,800 18.8
Washington 769	Washington	Clark	289,000 N/A
Washington 1076	Washington	Chelan	35,550 39
Washington 1140	Washington	Pierce	45,000 new site
Washington 1141	Washington	Pierce	295,830 new site
Washington 760	Washington	Spokane	120,000 72.57
Washington 761	Washington	Snohomish	20,000 new site
Washington 661	Washington	Snohomish	37,650 26
Washington 662	Washington	Clark	120,000 N/A
Washington 504	Washington	Clark	120,000 N/A
Washington 463	Washington	Clark	25,457 N/A
Wisconsin 466	Wisconsin	Mercer	36,000 N/A
Wisconsin 467	Wisconsin	Washburn	26,498 N/A
Wisconsin 735	Wisconsin	Taylor	6,071 N/A
Wisconsin 736	Wisconsin	Menominee	3,000 N/A
Wisconsin 737	Wisconsin	Sawyer	10,000 N/A
Wisconsin 601	Wisconsin	Wayne, Calhoun	56,000 N/A
Wisconsin 602	Wisconsin	Kewaunee	7,400 N/A
Wisconsin 789	Wisconsin	Raleigh	80,900 new site
Wisconsin 790	Wisconsin	Raleigh	80,900 new site
Wisconsin 680	Wisconsin	Harrison	80,000 N/A
Wisconsin 681	Wisconsin	Ralph	25,000 N/A
Wisconsin 460	Wisconsin	Jefferson	17,000 N/A
Wisconsin 461	Wisconsin	Jefferson	14,000 N/A
Wisconsin 120	Wisconsin	Columbia	6,900 36.33
Wisconsin 121	Wisconsin	Mackinac	11,000 39
Wisconsin 172	Wisconsin	Washington, Dodge	12,500 N/A
Wisconsin 223	Wisconsin	Columbia	3,100 69.67
Wisconsin 224	Wisconsin	Jefferson, Waukesha	22,300 N/A
Wisconsin 337	Wisconsin	Racine	139,000 38.3
Wisconsin 338	Wisconsin	Taylor	7,000 N/A
Wisconsin 389	Wisconsin	Portage	27,000 74.2
Wisconsin 390	Wisconsin	Douglas	38,000 N/A
Wisconsin 1277	Wisconsin	Dane	360,000 46.8
Wisconsin 127	Wisconsin	Dane	19,684 N/A
Wisconsin 128	Wisconsin	Brown	43,000 40.25
Wisconsin 129	Wisconsin	Brown, Kewaunee	189,000 69.67
Wisconsin 1030	Wisconsin	Kenosha	122,000 67.6
Wisconsin 209	Wisconsin	La Crosse	85,000 69.8
Wisconsin 210	Wisconsin	Ashland	4,400 N/A
Wisconsin 246	Wisconsin	Dunn	5,000 82
Wisconsin 247	Wisconsin	Pierce	15,000 N/A
Wisconsin 256	Wisconsin	Ozaukee, Milwaukee	470,007 35.8
Wisconsin 257	Wisconsin	Kenosha, Milwaukee, Racine, Washington, Ozaukee	657,500 N/A
Wisconsin 258	Wisconsin	Brown	11,000 63.4
Wisconsin 302	Wisconsin	Winnebago	78,300 70.4
Wisconsin 303	Wisconsin	Fond Du Lac	18,000 N/A
Wisconsin 325	Wisconsin	Columbia	11,000 54.4
Wisconsin 326	Wisconsin	Milwaukee, Winnebago, Calumet	72,810 N/A
Wisconsin 433	Wisconsin	Marathon	42,350 68.2
Wisconsin 434	Wisconsin	Marathon	42,350 N/A
Wisconsin 136	Wisconsin	Chippewa, Eau Claire	73,593 74.25
Wisconsin 182	Wisconsin	Saint Croix	14,000 69.6
Wisconsin 183	Wisconsin	Dane	345,000 67.6
Wisconsin 232	Wisconsin	Manitowoc	34,500 61.8
Wisconsin 233	Wisconsin	Marinette	11,000 N/A
Wisconsin 364	Wisconsin	Shebogan	75,000 64
Wisconsin 365	Wisconsin	Dane	33,000 77.6
Wisconsin 624	Wisconsin	Vernon	4,400 73.4
Wisconsin 431	Wisconsin	Waukesha	72,000 N/A
Wisconsin 432	Wisconsin	Ozaukee	8,000 69.67
Wisconsin 60	Wisconsin	Jackson	5,000 70.6
Wisconsin 61	Wisconsin	Jefferson, Dodge	23,668 65

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 sampled. Normalization allows for more accurate comparisons between sites. Normalized data can be used for trends and for mapping. Non-normalized data can be used for trends and impact assessment. Normalized data can be compared over time and between different sites. Metrics presented on this page are based on SARS-CoV-2 RNA concentrations in wastewater normalized by wastewater flow and population. See NWSS Data Analysis Plan for more details.

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 Monday through Friday as soon as they are reviewed and verified, oftentimes before 8 pm ET. Updates will occur the following business day when updates are delayed or federal holiday. Note: Daily updates (Mon-Fri) might be delayed due to delays in reporting.

Current levels and trends in current 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 increased, and what percent of sites reported stayed the same.
- Hover over time, the chart shows how this distribution changed.
- Each bar represents a 15-day period. The current change category is calculated and divided by the total number of sampling sites with current data. This information is provided on a rocked area chart to show the change in the number of sampling sites in each category over time. Hover over the chart to see more details.
- Sites are included in the "Decreasing" category if the percent change in virus levels is less than -10%, in the "Stable" category if the percent change in virus levels is between -10% and 10%, and in the "Increasing" category if the percent change in virus levels is greater than 10%. Percent change is calculated as the modified change (ten-fold) over time, based on linear regression of log transformed data. For more details, see the Data Analysis Plan. Sites with less than 5 data points in the last 30 days are labeled with "No recent data" (colored grey 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 in each site that were positive for SARS-CoV-2 RNA over the last 15 days. A site with 100% means that every sample collected was positive.
- 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 at that site over the last 15 days, regardless of laboratory method.
- Sites with at least one sample and no SARS-CoV-2 viral detections over the past 15 days are listed as "No detected samples" on the map (colored grey on the map) and 0% on the chart.

Current change in the last 7 days (colored grey on the map) are listed as "No recent data" and colored grey on the map.

SARS-CoV-2 concentrations in wastewater over time

- When a site is selected, a smoothed, optimal fit SARS-CoV-2 concentration line is shown for the last 6 months, as data are available. Hover over the chart to see more details about how SARS-CoV-2 concentration changed over time in a sampling site that reported data.
- At least 6 samples are required to produce the smoothed SARS-CoV-2 concentration line. If a major change in laboratory methods is observed, only data from the most recent laboratory method is reported and shown. Sites reported as "New site" in the current area levels in wastewater metric should be viewed with caution since they have only a few samples and may not be representative.

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 100% or more) compared to the previous 7 days. In other words, it shows how the distribution of sites in each metric category changed over the last 7 days. This is calculated by subtracting the number of sites in each metric category from the number of sites in the same category 7 days prior. For example, if there were 10 sites in the "Decreasing" category 15-day percent change category and 14 sites in the "Decreasing" category 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 located in one county and serve a different population in another county. 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.
- Sewersheds are shown on the map as a single point, regardless of their size. Sewersheds can be very large. For example, the Hampton Roads Sewerage Authority sewershed covers the entire Hampton Roads area.
- At least 6 samples are required to produce the smoothed SARS-CoV-2 concentration line. If a major change in laboratory methods is observed, only data from the most recent laboratory method is reported and shown. Sites reported as "New site" in the current area levels in wastewater metric should be viewed with caution since they have only a few samples and may not be representative.

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 100% or more) compared to the previous 7 days. In other words, it shows how the distribution of sites in each metric category changed over the last 7 days. This is calculated by subtracting the number of sites in each metric category from the number of sites in the same category 7 days prior. For example, if there were 10 sites in the "Decreasing" category 15-day percent change category and 14 sites in the "Decreasing" category 7 days earlier, the category change in the last 7 days is listed as "N/A" since you cannot divide by 0.

Data subject to change

- Wastewater disease surveillance data presented are the best available data and are subject to change. These data may be updated retroactively for more than 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 20 states began transitioning to a new wastewater testing laboratory. Data from these sites will be shown as "No recent data (delayed) and will be colored grey on the map. It will take several weeks for enough data to be collected to calculate the change category for these sites and sewersheds to be assigned between mid-May and June 2022.

Data not shown

- Sites with fewer than 5 samples are not shown.
- Data from sewersheds where population estimates are missing.
- Data from sewersheds with no current data.
- Wastewater treatment plants and sewersheds and the names of wastewater sampling sites are made anonymous using a standard, arbitrary number.
- Approximately 20% of US hospitals are omitted to protect the exact percent series by location. These systems do not connect to wastewater treatment plants where sampling often occurs. Therefore, households or septic systems connected to these hospitals are not represented in wastewater data.
- Data from sewersheds currently being monitored but not reached 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 Download

- These data can be downloaded from data.cdc.gov: NWSS Public SARS-CoV-2 Wastewater Metric Data (SHP), NWSS Public SARS-CoV-2 Wastewater Metric Data (Excel).
- The data dictionary for these data (Public Analysis Data Dictionary) is also available.
- To request detailed information, including a full data dictionary, for other wastewater pathogens, email nwss@cdc.gov with the subject line "NWSS public data request." You will be required to sign a data use agreement.

Wondering what all the data mean?

COVIS COVID Data Tracker Weekly Review https://www.cdc.gov/covid-data/covis/index.html#wwr#wwr#wwr