COVID Data Tracker

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

COVID-19 Home ›

CDC recommends use of COVID-19 Community Levels to determine the impact of COVID-19 on communities and to take action. CDC also provides Transmission Levels (also known as Community Transmission) to describe the amount of COVID-19 spread within each county. Healthcare facilities use Transmission Levels to determine infection control interventions.

United States
At a Glance

Cases Total **93,880,573**
Case Trends

Deaths Total **1,037,953**
Death Trends

Current **Hosp.** **30,727**
Admission Trends

34.7% of People 5+ with
First Booster

Data Tracker Home
Cases, Deaths, & Testing
Case & Death Demographic Trends
Vaccination Distribution & Coverage
Vaccine Effectiveness & Breakthrough Surveillance
Health Equity
Pediatric
Pregnancy
People at Increased Risk
Wastewater Surveillance
Health Care Settings
Social Impact & Prevention
Variants & Genomic Surveillance
Antibody Seroprevalence
Post-COVID Conditions
Other COVID-19 Data
Communications Resources

Wastewater Surveillance

COVID-19: Wastewater Surveillance

Communities can track the presence of SARS-CoV-2, the virus that causes COVID-19, in wastewater samples. These data can provide an early warning of COVID-19's spread in communities. For more information, visit the Wastewater Surveillance System page.

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Monitoring Wastewater Surveillance Data

Wastewater surveillance for COVID-19 is a rapidly developing field. State, tribal, local, and territorial health departments participating in the National Wastewater Surveillance System (NWSS) submit testing data to CDC. CDC then standardizes and interprets these data and presents them in the COVID Data Tracker. How often sites collect wastewater samples and how frequently data are reported to CDC varies by health department.

Wastewater data are meant to be used with other COVID-19 surveillance data to better understand COVID-19's spread in a community. Learn more about wastewater data by exploring each of the charts and maps.

View information about the data and download the data.

Maps, charts, and data provided by CDC, updates Mon-Fri by 8pm ET[†]. This represents all wastewater data submitted directly to CDC's NWSS DCIPHER platform, with the exceptions described in the About the Data section below. Each dot on the map represents a site. A site can represent all or part of a "sewershed," which is the area contributing wastewater to a sampling location. Not all communities report wastewater data to CDC. Participation is voluntary, and wastewater samples are collected from sewer systems so communities that rely primarily on septic systems are not represented. In addition, some sites that submit data to NWSS are not represented on the map due to various factors, such as small population size or having facility-specific sampling.

View Footnotes and Download Data

Wastewater Metric Chart

This chart shows how much virus levels have changed (increased and decreased) over time at wastewater sites across the United States. It shows the percent of sites in each category of the percent change metric for each date among all sites with available data.

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

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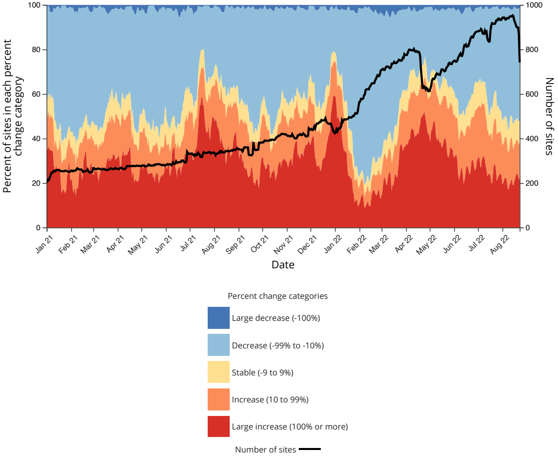
sites in the last 15 days.

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

The chart shows the overall percent of sites that were in each category over time since January 1, 2021. If more area on the chart is shaded light or dark blue, it means virus levels were decreasing at more sites at that point in time. If more area on the chart is shaded red or orange, it means virus levels were increasing at more sites at that point in time. Since the percent change in the last 15 days metric may be affected by how many wastewater plants were collecting wastewater samples, the black line shows the number of sampling sites with available data for each date.

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

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



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Wastewater Metric Map

State or territory:

Select State or Territory

County:

Select a state in order to enable county select

Reset Selections

Time Period: Aug 09, 2022 – Aug 23, 2022

Major Cities On | Major Cities Off

Metric:

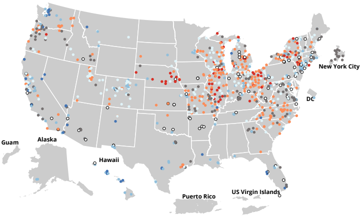
● Current virus levels in wastewater by site
○ Percent change in the last 15 days
○ Percent of wastewater samples with detectable virus

Show:

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

Current virus levels in wastewater by site
This metric shows whether SARS-CoV-2 levels at a site are currently higher or lower than past historical levels at the same site. 0% means levels are the lowest they have been at the site; 100% means levels are the highest they have been at the site. Public health officials watch for increasing levels of the virus in wastewater over time and use these data to help make public health decisions.

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



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

Current virus levels category	Num. sites	% sites	Category change in last 7 days
New Site	85	9	1%
0% to 19%	48	5	26%
20% to 39%	172	18	11%
40% to 59%	296	31	– 8%
60% to 79%	299	31	– 14%
80% to 100%	70	7	– 1%

Total sites with current data: 970

Total number of wastewater sampling sites: 1155

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

Select legend categories to filter points on the map.

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

Data Downloads and Footnotes
Expand each accordion to view data table and download data

View Historic Wastewater Data

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

CDC | Data as of: Friday, August 26, 2022 2:19 PM ET. Posted: Friday, August 26, 2022 3:22 PM ET

Download Data

Jurisdiction	Sewershed ID	Reporting Jurisdiction	County	Population Served	Current Virus Levels (in %)
Alaska	1172	Alaska	Anchorage	200,000	32.4
Alaska	1158	Alaska	Anchorage	15,000	32.25
Arizona	1212	Arizona	Maricopa	9,430	N/A
Arizona	1212	Arizona	Maricopa	17,280	N/A
Arizona	1212	Arizona	Maricopa	64,521	N/A
Arizona	1055	Arizona	Yuma	4,725	39.4
Arizona	1054	Arizona	Yuma	10,873	36.6
Arizona	501	Arizona	La Paz	3,500	N/A
Arizona	715	Arizona	Pima	397,407	30.25
Arizona	501	Arizona	La Paz	3,500	19

Arizona	1382	Arizona	Maricopa	50,000	new site
Arizona	1334	Arizona	Maricopa	150,000	35.4
Arizona	1383	Arizona	Maricopa	2,400,000	new site
Arizona	590	Arizona	Pima	347,900	39.4
Arizona	808	Arizona	Mohave	37,500	36.5
Arizona	590	Arizona	Pima	303,176	N/A
Arizona	715	Arizona	Pima	418,268	N/A
Arizona	808	Arizona	Mohave	22,000	new site
Arizona	1053	Arizona	Yuma	8,271	N/A
Arizona	1059	Arizona	Yuma	18,039	18.67
Arizona	1212	Arizona	Maricopa	9,848	N/A
Arizona	1212	Arizona	Maricopa	12,542	N/A
Arizona	1271	Arizona	Pima	23,000	new site
Arizona	1327	Arizona	Mohave	30,000	30.8
Arizona	1212	Arizona	Maricopa	6,500	N/A
Arkansas	1461	Arkansas	Saline	35,000	new site
Arkansas	1444	Arkansas	Pulaski	5,000	new site
Arkansas	1442	Arkansas	Lonoke	27,000	new site
Arkansas	1462	Arkansas	Washington	93,949	new site
Arkansas	1465	Arkansas	Washington	93,949	new site
Arkansas	741	Arkansas	Mississippi	5,500	56.2
Arkansas	591	Arkansas	Mississippi	6,500	new site
California	59	California	Kern	168,750	N/A
California	357	California	San Diego	2,200,000	65.57
California	354	California	Santa Clara	153,000	53.77
California	305	California	Santa Clara	236,000	53.62
California	247	California	Merced	91,000	N/A
California	215	California	Ventura, Los Angeles	4,000,000	63
California	1372	California	Merced	91,000	21.44
California	1019	California	Lake	13,200	74.83
California	830	California	San Luis Obispo	47,000	new site
California	461	California	Humboldt	45,000	N/A
California	1027	California	Santa Cruz	160,000	N/A
California	803	California	Santa Cruz	150,000	8.2
California	802	California	Santa Cruz	85,000	11
California	564	California	Alameda	60,000	11.6
California	1409	California	San Bernardino	78,000	new site
California	1387	California	Monterey	250,000	new site
California	1320	California	Ventura	230,000	28.4
California	1219	California	Lake	5,000	new site
California	1173	California	Contra Costa	494,300	22.75
California	1199	California	Kings	59,000	41.25
California	1209	California	Marin	13,000	57.2
California	1230	California	San Luis Obispo	47,400	10
California	461	California	Humboldt	43,173	14
California	763	California	Santa Cruz	160,000	11.2
California	779	California	Los Angeles	200,000	28.8
California	834	California	Riverside	91,765	29.2
California	1026	California	Santa Cruz	160,000	N/A
California	1028	California	Santa Cruz	160,000	N/A
California	543	California	San Benito	40,000	N/A
California	570	California	Sonoma	170,000	N/A
California	126	California	Yolo	70,717	54.69
California	1373	California	Stanislaus	230,000	18.56
California	1377	California	Yolo	7,285	32.63
California	1378	California	Yolo	59,000	38.7
California	137	California	Alameda, Contra Costa	740,000	54.57
California	158	California	Fresno	650,000	64.29
California	211	California	Los Angeles	3,500,000	35.33
California	258	California	Stanislaus	230,000	N/A

California	353	California	Santa Clara	1,500,000	56.64
California	362	California	San Francisco, San Mateo	250,000	58.33
California	362	California	San Mateo, San Francisco	210,000	62.5
California	1288	California	El Dorado	40,000	13
California	1443	California	Imperial	50,000	new site
California	495	California	Santa Cruz	60,000	15.6
California	506	California	Los Angeles, Ventura	100,000	29.2
California	570	California	Sonoma	220,000	12
California	724	California	Contra Costa	215,394	22.6
California	778	California	Lake	10,080	47.2
California	793	California	San Luis Obispo	39,000	34.4
California	779	LA County	Los Angeles	197,000	N/A
California	1188	California	Ventura	220,000	N/A
California	1361	California	Stanislaus	86,000	37.22
California	1365	California	Yolo	3,272	51.78
California	1371	California	Merced	42,000	28.9
California	299	California	Orange	1,800,000	31.86
California	352	California	Santa Clara	110,338	53.08
California	356	California	San Bernardino	325,000	71.83
California	363	California	San Mateo, San Francisco	750,000	62.2
California	383	California	Sacramento	1,480,000	49.4
California	393	California	San Mateo	199,000	56.39
California	77	California	Imperial	40,000	67.4
California	88	California	Contra Costa	484,800	53.17
Colorado	928	Colorado	Weld	20,000	53.4
Colorado	887	Colorado	Summit	18,571	67.5
Colorado	841	Colorado	Adams	21,429	67
Colorado	751	Colorado	Mesa	89,286	46.2
Colorado	748	Colorado	El Paso	34,286	76.6
Colorado	737	Colorado	Alamosa	18,364	40
Colorado	437	Colorado	Larimer	9,292	30.5
Colorado	372	Colorado	Denver, Arapahoe	247,443	38
Colorado	163	Colorado	Weld	83,319	52
Colorado	161	Colorado	Garfield	16,714	59.6
Colorado	1156	Colorado	Pitkin	7,143	new site
Colorado	1154	Colorado	Pitkin	17,571	30.25
Colorado	1135	Colorado	Teller	6,379	30.8
Colorado	1290	Colorado	Garfield	7,300	33
Colorado	1111	Colorado	Teller	7,143	51
Colorado	116	Colorado	El Paso	102,203	41.2
Colorado	117	Colorado	El Paso	303,855	N/A
Colorado	122	Colorado	Summit	7,857	69
Colorado	151	Colorado	Larimer	92,126	27.2
Colorado	152	Colorado	Larimer	26,621	52.4
Colorado	224	Colorado	Boulder, Weld	75,543	27.8
Colorado	251	Colorado	Denver	345,453	36.67
Colorado	368	Colorado	Adams	54,560	48
Colorado	370	Colorado	Larimer	23,193	44.75
Colorado	408	Colorado	Summit	35,643	63.5
Colorado	49	Colorado	Arapahoe, Adams	268,003	39.2
Colorado	578	Colorado	Las Animas	14,286	46.4
Colorado	58	Colorado	Weld, Larimer	7,946	35.25
Colorado	656	Colorado	La Plata	23,429	62.8
Colorado	66	Colorado	Boulder	89,383	41.2
Colorado	72	Colorado	Broomfield	53,355	34.6
Colorado	747	Colorado	Arapahoe	25,714	49
Colorado	843	Colorado	Eagle	30,714	43.33
Colorado	844	Colorado	Eagle	19,286	55
Colorado	845	Colorado	Summit	14,286	78
Colorado	142	Colorado	Larimer	5,818	54.8

Colorado	150	Colorado	Larimer	17,997	57
Colorado	226	Colorado	Boulder	17,600	35.8
Colorado	227	Colorado	Larimer	66,428	43.6
Colorado	252	Colorado	Denver	709,904	37.5
Colorado	329	Colorado	Pueblo	96,514	51
Colorado	396	Colorado	San Miguel	15,000	67.67
Colorado	47	Colorado	Pitkin	5,500	55.5
Colorado	556	Colorado	Morgan	12,000	29.2
Colorado	576	Colorado	Routt	43,741	57
Colorado	657	Colorado	Summit	28,571	58
Colorado	749	Colorado	Eagle	21,071	57
Colorado	846	Colorado	Gunnison	30,000	56.4
Connecticut	832	Connecticut	New London	40,000	new site
Connecticut	832	Connecticut	New London	40,000	69
Connecticut	1196	Connecticut	New Haven	19,500	49.8
Connecticut	1079	Connecticut	New Haven	228,000	31.4
Connecticut	1163	Connecticut	New London	22,000	29.6
Connecticut	534	Connecticut	Fairfield	100,000	48
Connecticut	686	Connecticut	New Haven	112,000	21
Connecticut	1395	Connecticut	Fairfield	52,265	new site
Connecticut	291	Connecticut	Fairfield	75,000	40.8
Connecticut	771	Connecticut	Fairfield	120,000	21.4
Connecticut	806	Connecticut	Fairfield	65,000	52
Connecticut	795	Connecticut	Windham	10,000	new site
District of Columbia	486	District of Columbia	District Of Columbia	1,600,000	35.2
Florida	1145	Florida	Seminole	43,010	79.8
Florida	1144	Florida	Seminole, Orange	51,000	63
Florida	829	Florida	Monroe	50,000	new site
Florida	670	Florida	Orange	59,587	36.5
Florida	574	Florida	Pinellas	220,000	16
Florida	1408	Florida	Seminole, Orange	85,700	new site
Florida	1410	Florida	Palm Beach, Martin	96,136	new site
Florida	668	Florida	Miami-Dade	920,528	15.6
Florida	669	Florida	Orange	277,823	40
Florida	671	Florida	Orange	463,672	28.8
Florida	711	Florida	Miami-Dade	829,725	10.4
Florida	781	Florida	Miami-Dade	776,150	9.6
Florida	711	Florida	Miami-Dade	829,725	N/A
Florida	781	Florida	Miami-Dade	776,150	N/A
Florida	1392	Florida	Hillsborough	180,000	new site
Florida	511	Florida	Pinellas	103,000	18.6
Florida	706	Florida	Escambia	197,000	37
Florida	490	Florida	Brevard	10,500	N/A
Georgia	1074	Georgia	Paulding	8,000	N/A
Georgia	1071	Georgia	Paulding	10,000	N/A
Georgia	684	Georgia	Dekalb	300,000	N/A
Georgia	476	Georgia	Richmond	197,191	47.25
Georgia	1109	Georgia	Lowndes	65,000	63.4
Georgia	1073	Georgia	Cobb	190,000	N/A
Georgia	1309	Georgia	Newton	32,000	N/A
Georgia	684	Georgia	Dekalb	325,000	31.6
Georgia	1072	Georgia	Gwinnett	650,000	N/A
Georgia	1169	Georgia	Clarke	56,500	64
Guam	1450	Guam	Guam	7,000	new site
Guam	1446	Guam	Guam	8,000	new site
Guam	1440	Guam	Guam	66,000	new site
Guam	1441	Guam	Guam	9,000	new site
Guam	1448	Guam	Guam	105,000	new site
Hawaii	798	Hawaii	Honolulu	48,519	32.4

Hawaii	710	Hawaii	Kauai	10,000	32.6
Hawaii	1208	Hawaii	Honolulu	20,800	14.4
Hawaii	1181	Hawaii	Maui	59,000	9.2
Hawaii	1203	Hawaii	Honolulu	300,000	12.4
Hawaii	1204	Hawaii	Honolulu	109,236	17.2
Hawaii	1205	Hawaii	Maui	49,000	18.2
Hawaii	1221	Hawaii	Hawaii	32,600	24
Hawaii	1286	Hawaii	Kauai	6,900	new site
Hawaii	1337	Hawaii	Hawaii	5,000	26.6
Hawaii	1175	Hawaii	Maui	52,000	22.8
Hawaii	790	Hawaii	Honolulu	700,000	30.6
Idaho	1406	Idaho	Elmore	5,500	45.57
Idaho	1228	Idaho	Caribou	3,200	N/A
Idaho	1227	Idaho	Bannock	75,000	N/A
Idaho	1225	Idaho	Bingham	14,045	N/A
Idaho	1067	Idaho	Twin Falls	48,951	73.33
Idaho	1023	Idaho	Latah	24,000	74.33
Idaho	818	Idaho	Ada	120,344	49.57
Idaho	1066	Idaho	Bonneville	60,000	72.6
Idaho	1129	Idaho	Kootenai	38,500	65.33
Idaho	1347	Idaho	Minidoka	6,200	new site
Idaho	992	Idaho	Ada	167,500	48.43
Illinois	619	Illinois	Vermilion	30,479	75
Illinois	622	Illinois	Effingham	12,384	59
Illinois	624	Illinois	Stephenson	27,218	64.25
Illinois	627	Illinois	Morgan	23,818	89.33
Illinois	628	Illinois	Kankakee	56,317	60
Illinois	631	Illinois	Mcdonough	22,004	88.8
Illinois	635	Illinois	Cook	1,134,897	67.71
Illinois	636	Illinois	Cook	110,394	58.43
Illinois	638	Illinois	Cook	1,127,736	50
Illinois	641	Illinois	Cook	217,106	60.71
Illinois	643	Illinois	Lake	55,735	73
Illinois	644	Illinois	Lake	105,208	67.4
Illinois	645	Illinois	Lake	126,629	95.4
Illinois	647	Illinois	Peoria	157,379	71.75
Illinois	654	Illinois	Whiteside	18,678	85.4
Illinois	655	Illinois	Champaign	91,041	71.2
Illinois	675	Chicago	Cook	54,458	44
Illinois	731	Illinois	Bureau	5,223	82.6
Illinois	857	Illinois	Lawrence	4,399	65.6
Illinois	894	Illinois	Lee	15,115	72.8
Illinois	972	Illinois	Saint Clair	32,289	52
Illinois	979	Illinois	Mclean	44,237	59.2
Illinois	616	Illinois	Christian	12,663	85.2
Illinois	615	Illinois	Randolph	6,814	N/A
Illinois	605	Illinois	Saint Clair	26,150	84.6
Illinois	1252	Illinois	Du Page	59,805	30
Illinois	1243	Illinois	Du Page	76,324	68.4
Illinois	462	Illinois	Winnebago	240,000	68.2
Illinois	546	Illinois	Kankakee	65,000	25
Illinois	1244	Illinois	Du Page	86,000	47.4
Illinois	603	Illinois	Kane	11,290	71
Illinois	606	Illinois	Saint Clair	26,150	83.4
Illinois	607	Illinois	Boone	41,500	85
Illinois	611	Illinois	Fulton	13,506	86
Illinois	612	Illinois	Greene	3,064	68.6
Illinois	613	Illinois	Marion	15,738	N/A
Illinois	620	Illinois	Macon	70,746	89
Illinois	621	Illinois	Perry	6,448	93.6
Illinois	625	Illinois	Jo Daviess	3,460	52.6
Illinois	632	Illinois	Cook	270,647	59.71
Illinois	633	Illinois	Warren	10,836	67.8
Illinois	634	Illinois	Jefferson	21,169	84.8
Illinois	635	Chicago	Cook	3,590	58.4
Illinois	642	Illinois	Du Page	128,358	62.4
Illinois	646	Illinois	Richland	8,968	N/A
Illinois	675	Chicago	Cook	215,718	73.2
Illinois	697	Illinois	Rock Island	25,202	88.6
Illinois	698	Illinois	Rock Island	43,768	70
Illinois	699	Illinois	Tazewell	30,997	45.6
Illinois	871	Illinois	La Salle	18,307	80.67
Illinois	978	Illinois	Mclean	42,000	54.5

Illinois	980	Illinois	Mclean	44,237	59.8
Illinois	981	Illinois	De Kalb	43,862	75.25
Illinois	982	Illinois	Cook	1,263,110	69
Illinois	682	Illinois	Cook	265,000	32.6
Illinois	683	Illinois	Cook	161,000	22.6
Illinois	1062	Illinois	Kendall	210,655	67.5
Illinois	1100	Illinois	Du Page	40,438	60.2
Illinois	1246	Illinois	Du Page	65,000	63.8
Illinois	1247	Illinois	Lake	80,000	51.2
Illinois	1316	Illinois	Will	50,000	38.6
Illinois	1326	Illinois	Saint Clair	85,593	43.2
Illinois	462	Illinois	Winnebago	353,599	72.4
Illinois	602	Illinois	Union	4,442	58.4
Illinois	604	Illinois	Cass	5,446	63.4
Illinois	617	Illinois	Mchenry	78,261	70.6
Illinois	623	Illinois	Clay	5,070	80.6
Illinois	626	Illinois	Knox	39,153	64.8
Illinois	635	Chicago	Cook	70,645	49.8
Illinois	637	Illinois	Cook	13,098	76.57
Illinois	639	Illinois	Cook	1,127,736	61.57
Illinois	649	Illinois	Bureau	7,555	77.4
Illinois	650	Illinois	Adams	50,695	66
Illinois	651	Illinois	Carroll	5,615	55
Illinois	652	Illinois	Shelby	5,329	48.2
Illinois	653	Illinois	Macoupin	4,480	81.4
Illinois	674	Chicago	Cook	52,306	37.6
Illinois	674	Chicago	Cook	91,964	48.8
Illinois	675	Chicago	Cook	203,376	55.8
Illinois	983	Illinois	Mchenry	15,000	87.8
Illinois	984	Illinois	Du Page	18,800	68.6
Indiana	1456	Indiana	Clark	21,000	new site
Indiana	1458	Indiana	Noble	10,000	new site
Indiana	828	Indiana	Hamilton	84,000	29.6
Indiana	678	Indiana	Bartholomew	49,000	61.2
Indiana	1318	Indiana	Huntington	17,612	61.8
Indiana	1314	Indiana	Wayne	36,000	58.6
Indiana	1162	Indiana	Hamilton	98,000	52.2
Indiana	1269	Indiana	Lake	28,000	60
Indiana	1281	Indiana	Delaware	67,000	45.4
Indiana	1319	Indiana	Howard	45,000	46.6
Indiana	765	Indiana	Monroe	22,500	42.6
Indiana	772	Indiana	Monroe	67,500	65.2
Indiana	678	Indiana	Bartholomew	50,000	N/A
Indiana	1267	Indiana	Kosciusko	14,000	58.4
Indiana	1273	Indiana	Dubois	16,000	47.8
Indiana	1289	Indiana	Vigo	58,500	38.8
Indiana	1293	Indiana	St Joseph	100,000	47.6
Indiana	1350	Indiana	Allen	72,200	new site
Indiana	1352	Indiana	Jefferson	16,000	new site
Indiana	1459	Indiana	Jasper	5,800	new site
Iowa	1449	Iowa	Mahaska	6,357	new site
Iowa	1447	Iowa	Mahaska	5,201	new site
Iowa	1303	Iowa	Woodbury	102,000	45.2
Iowa	105	Iowa	Johnson	21,000	69.2
Iowa	544	Iowa	Johnson	75,849	62
Kansas	766	Kansas	Butler	13,000	new site
Kansas	703	Kansas	Reno	40,000	new site
Kansas	833	Kansas	Shawnee	50,000	38.2
Kansas	787	Kansas	Shawnee	90,000	50.6

Kansas	1305	Kansas	Johnson	54,985	15.4
Kansas	1304	Kansas	Johnson	73,829	24.6
Kansas	1299	Kansas	Johnson	112,076	27.6
Kansas	1292	Kansas	Johnson	66,377	29.2
Kansas	472	Kansas	Reno	40,000	64.25
Kansas	1300	Kansas	Johnson	42,235	36.8
Kansas	807	Kansas	Ford	27,000	73.6
Kansas	766	Kansas	Butler	13,000	new site
Kentucky	1253	Kentucky	Boyd	32,575	61.67
Kentucky	1254	Kentucky	Rowan	15,212	65.4
Kentucky	1257	Kentucky	Magoffin	3,508	71.5
Kentucky	901	Kentucky	Jefferson	55,928	N/A
Kentucky	902	Kentucky	Jefferson	295,910	N/A
Kentucky	904	Kentucky	Jefferson	31,269	N/A
Kentucky	810	Kentucky	Estill	5,000	90
Kentucky	1255	Kentucky	Johnson	5,258	65
Kentucky	1207	Kentucky	Carroll	3,000	37.4
Kentucky	1256	Kentucky	Floyd	8,664	N/A
Kentucky	903	Kentucky	Jefferson	32,460	N/A
Kentucky	905	Kentucky	Jefferson	349,850	N/A
Louisiana	727	Louisiana	Orleans	998,000	35.6
Louisiana	1107	Louisiana	East Baton Rouge	262,326	51
Louisiana	792	Louisiana	Orleans	389,000	23.25
Louisiana	1116	Louisiana	East Baton Rouge	99,712	38.4
Louisiana	1229	Louisiana	Rapides	60,000	18.4
Maine	716	Maine	Cumberland	8,500	46
Maine	560	Maine	Sagadahoc	8,514	49
Maine	475	Maine	Piscataquis	900	38
Maine	1206	Maine	York	21,000	45.2
Maine	484	Maine	Franklin	2,750	51.6
Maine	507	Maine	Oxford	1,000	41.6
Maine	65	Maine	Lincoln	1,759	45
Maine	65	Maine	Lincoln	1,700	new site
Maine	347	Maine	Knox	7,000	53.5
Maine	347	Maine	Knox	7,000	N/A
Maine	475	Maine	Piscataquis	800	N/A
Maine	560	Maine	Sagadahoc	8,500	N/A
Maryland	547	Maryland	Howard	250,000	N/A
Maryland	1285	Maryland	Anne Arundel	13,000	47
Maryland	1261	Maryland	Anne Arundel	91,000	42.2
Maryland	1260	Maryland	Anne Arundel	89,000	57.8
Maryland	1278	Maryland	Anne Arundel	22,000	24.6
Maryland	561	Maryland	Washington	90,000	50.8
Maryland	1262	Maryland	Anne Arundel	11,000	64.6
Maryland	1268	Maryland	Anne Arundel	150,000	34
Maryland	1284	Maryland	Anne Arundel	78,000	32
Maryland	1348	Maryland	Charles	88,500	new site
Maryland	563	Maryland	Wicomico	37,000	68
Maryland	666	Maryland	Allegany	45,000	55.75
Massachusetts	1180	Massachusetts	Worcester	12,000	58
Massachusetts	1311	Massachusetts	Bristol	100,000	36.6
Massachusetts	1384	Massachusetts	Middlesex	180,000	new site
Massachusetts	470	Massachusetts	Hampden	55,000	N/A
Massachusetts	1037	Massachusetts	Suffolk, Middlesex	1,375,228	N/A
Massachusetts	1330	Massachusetts	Worcester	3,000	30.8
Massachusetts	470	Massachusetts	Hampden	55,000	53
Michigan	1018	Michigan	Bay	20,000	85.2
Michigan	1020	Michigan	Dickinson	3,200	86
Michigan	1040	Michigan	Ottawa	3,511	55.6
Michigan	533	Michigan	Alpena	12,000	N/A

Michigan	1040	Michigan	Ottawa	11,200	56.4
Michigan	1048	Michigan	Calhoun	6,964	59
Michigan	1050	Michigan	Saint Joseph	10,681	78.2
Michigan	1051	Michigan	Allegan	4,225	N/A
Michigan	1086	Michigan	Ottawa	20,000	65.2
Michigan	1087	Michigan	Genesee	72,240	N/A
Michigan	1106	Michigan	Iosco	5,000	75
Michigan	1125	Michigan	Marquette	25,000	N/A
Michigan	1136	Michigan	Clare	3,042	new site
Michigan	1155	Michigan	Tuscola	3,000	67.8
Michigan	1168	Michigan	Kent	68,000	77.2
Michigan	1215	Michigan	Kent	41,000	53.25
Michigan	1216	Michigan	Midland	40,000	69.75
Michigan	1217	Michigan	Kent	145,000	63.4
Michigan	1434	Michigan	Ingham	22,500	63.25
Michigan	761	Michigan	Lenawee	8,680	62.73
Michigan	762	Michigan	Washtenaw	330,000	55.39
Michigan	799	Michigan	Washtenaw	150,000	71.64
Michigan	861	Michigan	Saginaw	40,000	84.8
Michigan	874	Michigan	Emmet	7,900	53.2
Michigan	891	Michigan	Kalamazoo	12,366	83.25
Michigan	891	Michigan	Kalamazoo	6,703	71
Michigan	891	Michigan	Kalamazoo	45,976	59.4
Michigan	896	Michigan	Wayne, Macomb	492,000	39.8
Michigan	898	Michigan	Oakland, Wayne	840,600	47.2
Michigan	1039	Michigan	Saint Joseph	7,623	58.25
Michigan	1088	Michigan	Ottawa	25,000	75.6
Michigan	1091	Michigan	Schoolcraft	3,412	78.33
Michigan	1092	Michigan	Chippewa	15,000	62.33
Michigan	1096	Michigan	Muskegon	125,000	N/A
Michigan	1102	Michigan	Dickinson	13,500	63.5
Michigan	1121	Michigan	Saginaw	6,300	91
Michigan	1122	Michigan	Otsego	3,670	57.4
Michigan	1138	Michigan	Isabella	25,629	60
Michigan	1167	Michigan	Kent	15,000	63.2
Michigan	1315	Michigan	Macomb	135,000	56.2
Michigan	756	Michigan	Kent	265,000	68.4
Michigan	757	Michigan	Jackson	90,000	66.75
Michigan	800	Michigan	Genesee	95,000	73.8
Michigan	801	Michigan	Grand Traverse	45,000	71.2
Michigan	823	Michigan	Houghton	14,000	82.33
Michigan	860	Michigan	Gratiot	8,976	70.6
Michigan	889	Michigan	Ottawa	6,657	56.8
Michigan	889	Michigan	Ottawa	6,524	72.6
Michigan	889	Michigan	Ottawa	45,608	77.6
Michigan	890	Michigan	Ottawa	36,912	65
Michigan	891	Michigan	Kalamazoo	14,378	55
Michigan	891	Michigan	Kalamazoo	39,068	63.2
Michigan	1036	Michigan	Allegan	5,500	85.4
Michigan	1049	Michigan	Allegan	3,777	53.8
Michigan	1089	Michigan	Chippewa	6,546	91
Michigan	1090	Michigan	Manistee	8,154	7
Michigan	1093	Michigan	Mackinac	3,460	51.67
Michigan	1104	Michigan	Mackinac	14,000	35.67
Michigan	1105	Michigan	Menominee	3,842	81
Michigan	1119	Michigan	Roscommon	5,398	new site
Michigan	1166	Michigan	Huron	4,000	70.6
Michigan	1214	Michigan	Kent	40,000	39.25
Michigan	1239	Michigan	Isabella	7,615	new site
Michigan	822	Michigan	Delta	12,600	43.6

Michigan	888	Michigan	Calhoun	70,000	62.8
Michigan	889	Michigan	Ottawa	11,057	62.6
Michigan	891	Michigan	Kalamazoo	9,709	71.2
Michigan	891	Michigan	Kalamazoo	3,416	46.8
Michigan	891	Michigan	Kalamazoo	11,246	69.8
Michigan	891	Michigan	Kalamazoo	31,189	67.6
Michigan	891	Michigan	Kalamazoo	194,170	38.8
Michigan	895	Michigan	Bay	34,000	new site
Michigan	897	Michigan	Oakland, Macomb	1,482,000	38
Minnesota	1108	Minnesota	Dakota, Scott	250,000	40
Minnesota	993	Minnesota	Scott, Dakota	150,000	32.8
Minnesota	494	Minnesota	Olmsted	115,000	N/A
Minnesota	783	Minnesota	Ramsey, Anoka, Dakota, Hennepin, Washington	1,950,000	30.8
Minnesota	849	Minnesota	Hennepin, Carver, Scott	300,000	22.2
Missouri	119	Missouri	Boone	123,180	61
Missouri	139	Missouri	Miller	4,895	75.33
Missouri	143	Missouri	Saint Francois	10,114	55
Missouri	171	Missouri	Marion, Ralls	16,000	53.33
Missouri	195	Missouri	Cass, Jackson, Johnson	490,000	63
Missouri	218	Missouri	Clay	35,300	65.67
Missouri	238	Missouri	Saline	10,113	59.67
Missouri	253	Missouri	Audrain	11,500	55
Missouri	266	Missouri	Jefferson, Saint Louis	24,174	44.67
Missouri	268	Missouri	Saint Louis	451,367	56.33
Missouri	280	Missouri	Vernon	8,082	63.67
Missouri	312	Missouri	Perry	9,000	72.33
Missouri	317	Missouri	Platte	8,000	49.67
Missouri	321	Missouri	Butler	17,000	N/A
Missouri	336	Missouri	Jefferson	12,293	N/A
Missouri	358	Missouri	Pettis	7,500	68.33
Missouri	359	Missouri	Pettis	8,250	64.67
Missouri	385	Missouri	Buchanan	27,000	61
Missouri	386	Missouri	Saint Charles	60,000	18
Missouri	429	Missouri	Franklin	15,000	51.33
Missouri	69	Missouri	Taney	6,155	43.67
Missouri	71	Missouri	Linn	3,979	56
Missouri	827	Missouri	Dent	4,512	78
Missouri	87	Missouri	Barry	3,300	68
Missouri	95	Missouri	Livingston	9,000	N/A
Missouri	159	Missouri	Callaway	12,790	60
Missouri	190	Missouri	Cole, Callaway	41,153	46.67
Missouri	192	Missouri	Jasper	34,403	51.33
Missouri	194	Missouri	Clay, Platte	76,759	53
Missouri	196	Missouri	Jackson	25,000	82.67
Missouri	198	Missouri	Clay	12,000	48.33
Missouri	200	Missouri	Johnson, Jackson, Wyandotte	61,250	35
Missouri	202	Missouri	Dunklin	11,300	79.33
Missouri	265	Missouri	Saint Louis	149,112	60.33
Missouri	284	Missouri	Christian	20,000	N/A
Missouri	365	Missouri	New Madrid, Scott	17,000	76
Missouri	380	Missouri	Greene	22,818	68.67
Missouri	404	Missouri	Lincoln	3,282	N/A
Missouri	407	Missouri	Franklin	7,936	67
Missouri	424	Missouri	Johnson	14,477	57.33
Missouri	438	Missouri	Saint Charles	44,852	63.67
Missouri	441	Missouri	Howell	12,000	64
Missouri	63	Missouri	Polk	10,500	53.67
Missouri	68	Missouri	Taney	10,559	55.67
Missouri	824	Missouri	Adair	17,496	N/A

Missouri	858	Missouri	Jackson, Cass	367,300	60
Missouri	114	Missouri	Henry	9,118	68.67
Missouri	130	Missouri	Stoddard	6,000	N/A
Missouri	132	Missouri	Saint Charles	58,776	69.5
Missouri	133	Missouri	Saint Charles	47,757	72
Missouri	156	Missouri	Madison	4,000	35.33
Missouri	191	Missouri	Newton	15,906	61.33
Missouri	197	Missouri	Clay, Platte	13,940	49
Missouri	199	Missouri	Platte, Clay	12,855	45.33
Missouri	213	Missouri	Barton	4,532	N/A
Missouri	240	Missouri	Webster	8,000	54.67
Missouri	242	Missouri	Nodaway	12,000	N/A
Missouri	259	Missouri	Barry, Lawrence	9,100	57
Missouri	264	Missouri	Saint Louis, Saint Louis City	306,647	59.33
Missouri	267	Missouri	Saint Louis	115,895	61
Missouri	269	Missouri	Jefferson, Saint Louis	66,738	50
Missouri	270	Missouri	Saint Louis, Saint Charles	174,537	59.33
Missouri	279	Missouri	Newton	12,000	48
Missouri	293	Missouri	Jefferson, Saint Louis	27,391	N/A
Missouri	294	Missouri	Saint Charles	16,000	N/A
Missouri	306	Missouri	Franklin, Saint Louis	7,001	N/A
Missouri	348	Missouri	Phelps	15,000	79
Missouri	360	Missouri	Pettis	10,730	69
Missouri	381	Missouri	Greene, Christian	151,966	N/A
Missouri	423	Missouri	Johnson	11,883	68.67
Missouri	64	Missouri	Saint Francois	7,165	77
Missouri	732	Missouri	Platte	7,000	new site
Missouri	78	Missouri	Caldwell, Clinton, Dekalb	9,700	64.67
Missouri	81	Missouri	Cape Girardeau, Scott	33,540	11
Missouri	82	Missouri	Carroll	3,784	49.67
Missouri	83	Missouri	Jasper	12,000	N/A
Montana	562	Montana	Missoula	68,015	15.6
Montana	1032	Montana	Gallatin	3,000	51
Montana	1035	Montana	Gallatin	1,272	27.33
Montana	977	Montana	Lewis And Clark	37,125	57
Montana	1176	Montana	Custer	8,800	58
Montana	976	Montana	Lewis And Clark	2,273	34
Nebraska	1411	Nebraska	Saunders	4,800	new site
Nebraska	915	Nebraska	Dawes	5,561	N/A
Nebraska	920	Nebraska	Buffalo	33,790	88.6
Nebraska	987	Nebraska	Stanton, Madison	27,000	92.2
Nebraska	988	Nebraska	Lincoln	24,000	83.6
Nebraska	1312	Nebraska	Keith	4,793	30.5
Nebraska	1331	Nebraska	York	8,000	52.8
Nebraska	918	Nebraska	Hall	52,000	88.8
Nebraska	922	Nebraska	Lancaster	100,000	89.6
Nebraska	925	Nebraska	Lancaster	200,000	88.4
Nebraska	916	Nebraska	Platte	23,000	86.4
Nebraska	917	Nebraska	Dodge	28,000	87
Nebraska	919	Nebraska	Adams	24,692	80.5
Nebraska	921	Nebraska	Douglas	200,000	79.5
Nebraska	923	Nebraska	Douglas, Sarpy	600,000	87.4
Nebraska	924	Nebraska	Scotts Bluff	15,932	90.4
Nebraska	926	Nebraska	Wayne	5,560	70.8
Nevada	777	Nevada	Clark	246,258	15.6
Nevada	554	Nevada	Washoe	200,000	19.8
Nevada	1082	Nevada	Clark	984,000	24.4
Nevada	148	Nevada	Clark	1,001,800	N/A
Nevada	700	Nevada	Clark	15,500	N/A
Nevada	663	Nevada	Clark	265,000	8.6

Nevada	703	Nevada	Clark	650,000	11.75
New Hampshire	497	New Hampshire	Merrimack	40,000	N/A
New Hampshire	402	New Hampshire	Sullivan	6,500	44.4
New Hampshire	285	New Hampshire	Carroll	25,000	72.75
New Hampshire	497	New Hampshire	Merrimack	43,000	70
New Jersey	788	New Jersey	Bergen, Hudson, Essex, Passaic	1,500,000	13
New Jersey	1385	New Jersey	Hudson	145,000	new site
New Jersey	1322	New Jersey	Essex, Union	1,300,000	21.6
New Jersey	784	New Jersey	Somerset, Union, Middlesex	880,000	11
New Jersey	1291	New Jersey	Passaic	54,000	25.6
New Jersey	1453	New Jersey	Monmouth	47,000	new site
New Jersey	784	New Jersey	Middlesex, Somerset, Union	880,000	N/A
New Mexico	1386	New Mexico	Los Alamos	13,000	66.8
New Mexico	853	New Mexico	Los Alamos	13,179	53.6
New Mexico	764	New Mexico	Bernalillo, Sandoval	650,000	15.4
New Mexico	1415	New Mexico	San Juan	55,000	new site
New York	512	New York	Cayuga	33,000	N/A
New York	1041	New York	Suffolk	346,000	N/A
New York	1021	New York	Nassau	32,000	N/A
New York	552	New York	Richmond	198,128	44
New York	551	New York	Kings	758,007	36
New York	550	New York	Richmond	244,918	23
New York	545	New York	Queens	728,123	22
New York	541	New York	Kings	596,326	33
New York	500	New York	New York	588,772	21
New York	498	New York	Bronx	684,569	33
New York	1010	New York	Monroe	155,096	64.4
New York	1021	New York	Nassau	20,616	58.67
New York	1041	New York	Suffolk	278,775	50.71
New York	1043	New York	Suffolk	3,349	74.2
New York	1098	New York	Sullivan	4,925	89
New York	1149	New York	Tioga	3,750	55.67
New York	1153	New York	Livingston	15,688	54.67
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	1460	New York	Orange	28,914	new site
New York	426	New York	Orange	6,729	59.6
New York	479	New York	Chenango	6,734	79
New York	513	New York	Onondaga	30,613	33.5
New York	529	New York	Orange	8,568	80.8
New York	567	New York	Fulton	23,379	N/A
New York	689	New York	Tompkins	9,770	90.67
New York	690	New York	Cortland	26,950	81
New York	691	New York	Herkimer	13,924	60.33
New York	718	New York	Putnam	3,656	68
New York	719	New York	Nassau	24,041	64
New York	739	New York	Orange	42,921	79.2
New York	742	New York	Albany	80,922	44.33
New York	776	New York	Ulster	26,599	94
New York	836	New York	Nassau	611,349	53.67
New York	837	New York	Rockland	53,437	67.5
New York	838	New York	Rockland	207,430	53.67
New York	974	New York	Yates	5,339	50.67
New York	485	New York	Kings	283,428	24
New York	487	New York	Queens	848,328	28

New York	503	New York	Queens	90,474	53
New York	553	New York	Kings	192,050	13
New York	1010	New York	Monroe	103,000	N/A
New York	1045	New York	Franklin, Essex	5,000	N/A
New York	1097	New York	Dutchess	35,000	N/A
New York	1022	New York	Schenectady	78,444	60.6
New York	1042	New York	Columbia	6,374	62.67
New York	1044	New York	Suffolk	24,147	38.6
New York	1045	New York	Essex	6,264	66.8
New York	1068	New York	Tompkins	56,967	53.5
New York	1099	New York	Wyoming	3,448	73.33
New York	1112	New York	Albany	109,426	28
New York	1150	New York	Suffolk	7,741	86.67
New York	123	New York	Steuben	10,605	68.71
New York	1325	New York	Franklin	4,918	35.25
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	87.33
New York	483	New York	Delaware	3,581	40
New York	515	New York	Madison	4,843	N/A
New York	519	New York	Orange	6,369	66.6
New York	522	New York	Orange	27,434	77.4
New York	524	New York	Orange	36,227	80.4
New York	531	New York	Jefferson	4,077	55.33
New York	532	New York	Onondaga	25,965	31.5
New York	580	New York	Monroe	43,074	57.5
New York	694	New York	Franklin	7,175	81.33
New York	695	New York	Oswego	14,199	64.33
New York	721	New York	Rensselaer	79,699	59.33
New York	722	New York	Saratoga	152,482	51.33
New York	723	New York	Seneca	6,961	N/A
New York	869	New York	Warren	23,462	63.67
New York	986	New York	Washington	12,260	44
New York	505	New York	Queens	410,812	28
New York	509	New York	New York	588,772	36
New York	549	New York	Kings	1,068,012	33
New York	1003	New York	Monroe	550,000	N/A
New York	1009	New York	Niagara	45,000	N/A
New York	1022	New York	Schenectady	65,000	N/A
New York	776	New York	Ulster	24,000	N/A
New York	1003	New York	Monroe	487,322	71
New York	1030	New York	Broome	38,726	28.5
New York	1078	New York	Wayne	8,931	75.67
New York	1097	New York	Dutchess	38,207	70.4
New York	1151	New York	Oneida	27,849	87
New York	1170	New York	Greene	4,896	new site
New York	1242	New York	Schoharie	5,326	83.5
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	81
New York	514	New York	Onondaga	16,168	77
New York	516	New York	Madison	4,908	N/A
New York	517	New York	Livingston	4,730	77.33
New York	518	New York	Steuben	5,162	59
New York	520	New York	Onondaga	39,352	62.5
New York	521	New York	Onondaga	242,377	37
New York	525	New York	Onondaga	50,727	39.5
New York	527	New York	Madison	9,207	52.67
New York	528	New York	Otsego	19,383	43.67
New York	52	New York	Steuben	5,941	75.4
New York	530	New York	Madison	3,317	N/A
New York	692	New York	Saint Lawrence	10,794	74
New York	693	New York	Ulster	10,577	68
New York	717	New York	Montgomery	19,679	76.67
New York	720	New York	Lewis	3,953	50

New York	738	New York	Putnam	4,480	36
New York City	553	New York City	Kings	224,028	N/A
New York City	545	New York City	Queens	748,737	N/A
New York City	541	New York City	Kings	682,341	N/A
New York City	500	New York City	New York	658,595	N/A
New York City	487	New York City	Queens	924,694	N/A
New York City	498	New York City	Bronx	755,948	N/A
New York City	503	New York City	Queens	120,539	N/A
New York City	505	New York City	Queens	449,906	N/A
New York City	509	New York City	Bronx, New York	1,201,485	N/A
New York City	549	New York City	New York, Kings, Queens	1,156,473	N/A
New York City	550	New York City	Richmond	258,731	N/A
New York City	552	New York City	Richmond	226,166	N/A
New York City	485	New York City	Kings	290,607	N/A
New York City	551	New York City	Kings	906,441	N/A
North Carolina	704	North Carolina	Rowan	31,536	N/A
North Carolina	421	North Carolina	Duplin	10,000	N/A
North Carolina	569	North Carolina	Lenoir, Greene	20,484	34.8
North Carolina	537	North Carolina	Stanly	20,000	32.6
North Carolina	492	North Carolina	Henderson	16,000	17.25
North Carolina	1220	North Carolina	Rowan	31,536	62.2
North Carolina	1148	North Carolina	Surry	10,000	61.6
North Carolina	237	North Carolina	Mcdowell	8,459	62.2
North Carolina	345	North Carolina	Northampton, Halifax	14,320	76.2
North Carolina	405	North Carolina	Jackson	13,296	67
North Carolina	84	North Carolina	Wake	84,189	70.6
North Carolina	86	North Carolina	Wake	75,886	54
North Carolina	93	North Carolina	Mecklenburg	182,501	67
North Carolina	536	North Carolina	Swain, Jackson	12,000	41.4
North Carolina	539	North Carolina	Vance	15,000	62.5
North Carolina	575	North Carolina	Mitchell	3,500	60
North Carolina	537	North Carolina	Stanly	20,000	N/A
North Carolina	571	North Carolina	Wayne	4,520	N/A
North Carolina	144	North Carolina	Cumberland	151,589	75.6
North Carolina	166	North Carolina	Guilford	135,821	56.6
North Carolina	216	North Carolina	Scotland	15,527	73.2
North Carolina	271	North Carolina	Buncombe, Henderson	173,000	69
North Carolina	303	North Carolina	Orange, Durham	78,141	70.4
North Carolina	334	North Carolina	Wake	30,655	61
North Carolina	369	North Carolina	Orange, Durham	108,105	68
North Carolina	450	North Carolina	New Hanover	58,361	68
North Carolina	452	North Carolina	Forsyth	178,000	77.2
North Carolina	53	North Carolina	Carteret	3,500	72
North Carolina	85	North Carolina	Wake	74,331	60.4
North Carolina	92	North Carolina	Mecklenburg	68,685	71.8
North Carolina	94	North Carolina	Mecklenburg	120,000	71
North Carolina	1179	North Carolina	Watauga	26,000	48.2
North Carolina	1223	North Carolina	Rowan	22,940	45.2
North Carolina	421	North Carolina	Duplin, Pender	10,000	50.4
North Carolina	538	North Carolina	Pasquotank	18,000	new site
North Carolina	568	North Carolina	Watauga	38,000	N/A
North Carolina	597	North Carolina	Sampson	9,000	N/A
North Carolina	705	North Carolina	Rowan	22,940	N/A
North Carolina	111	North Carolina	Wilson	49,384	76.6
North Carolina	167	North Carolina	Pitt	89,616	67.6
North Carolina	332	North Carolina	Wake	550,000	66.8
North Carolina	335	North Carolina	Wake	7,776	70
North Carolina	451	North Carolina	New Hanover	67,743	60.2
Ohio	773	Ohio	Brown	4,773	new site
Ohio	127	Ohio	Montgomery	226,729	37.2

Ohio	129	Ohio	Defiance	23,027	N/A
Ohio	134	Ohio	Montgomery	78,509	53.4
Ohio	214	Ohio	Fairfield	24,303	68.8
Ohio	228	Ohio	Lucas	195,577	76
Ohio	235	Ohio	Washington	15,284	76
Ohio	273	Ohio	Hamilton	125,247	56.8
Ohio	309	Ohio	Licking	3,300	54.25
Ohio	315	Ohio	Miami	20,581	65
Ohio	322	Ohio	Ottawa	7,000	47
Ohio	36	Ohio	Summit	377,378	47.8
Ohio	374	Ohio	Franklin	654,817	85
Ohio	388	Ohio	Jefferson	17,864	86.4
Ohio	395	Ohio	Hamilton	83,058	67
Ohio	398	Ohio	Lucas	372,208	65.33
Ohio	403	Ohio	Montgomery	65,000	34.2
Ohio	422	Ohio	Trumbull	68,874	56
Ohio	54	Ohio	Greene	46,160	N/A
Ohio	74	Ohio	Crawford	12,362	79.2
Ohio	868	Ohio	Wayne	6,500	N/A
Ohio	112	Ohio	Wayne	27,000	76.5
Ohio	140	Ohio	Lorain	54,500	59.6
Ohio	157	Ohio	Sandusky	25,000	47.8
Ohio	186	Ohio	Lawrence	10,445	61
Ohio	205	Ohio	Hardin	8,500	N/A
Ohio	233	Ohio	Richland	52,000	76
Ohio	263	Ohio	Knox	18,000	64.2
Ohio	274	Ohio	Henry	12,246	48
Ohio	291	Ohio	Huron	17,000	81.8
Ohio	301	Ohio	Lucas	44,680	68
Ohio	304	Ohio	Butler	22,000	32
Ohio	326	Ohio	Scioto	20,366	N/A
Ohio	411	Ohio	Wyandot	6,700	N/A
Ohio	442	Ohio	Montgomery	113,629	67.2
Ohio	79	Ohio	Stark	85,000	87.6
Ohio	859	Ohio	Mercer	4,800	66.8
Ohio	101	Ohio	Preble	8,400	25.67
Ohio	102	Ohio	Marion	36,000	61
Ohio	108	Ohio	Erie	55,000	80.8
Ohio	121	Ohio	Ashtabula	12,000	64.6
Ohio	124	Ohio	Coshocton	12,000	79.4
Ohio	131	Ohio	Tuscarawas	13,572	56.2
Ohio	141	Ohio	Belmont	13,169	59.75
Ohio	147	Ohio	Hancock	42,000	59
Ohio	168	Ohio	Darke	13,000	29.4
Ohio	170	Ohio	Butler	65,000	61.8
Ohio	187	Ohio	Franklin	645,940	73
Ohio	204	Ohio	Portage	29,000	91.75
Ohio	219	Ohio	Allen	61,000	N/A
Ohio	221	Ohio	Hamilton	200,666	59
Ohio	222	Ohio	Medina	35,000	82.8
Ohio	225	Ohio	Lorain	72,000	65.4
Ohio	241	Ohio	Union	24,677	50.8
Ohio	255	Ohio	Hamilton	566,136	60.25
Ohio	276	Ohio	Cuyahoga	313,158	78
Ohio	277	Ohio	Cuyahoga	524,154	85.6
Ohio	278	Ohio	Cuyahoga	103,379	74.6
Ohio	282	Ohio	Licking	45,000	71.8
Ohio	311	Ohio	Wood	21,000	49.2
Ohio	382	Ohio	Clark	88,710	52.5
Ohio	428	Ohio	Fayette	14,000	66

Ohio	43	Ohio	Fulton	6,000	44.5
Ohio	455	Ohio	Mahoning	65,469	59.6
Ohio	456	Ohio	Muskingum	47,500	74
Ohio	46	Ohio	Ashtabula	31,430	79.5
Ohio	48	Ohio	Athens	24,536	72
Ohio	67	Ohio	Wood	32,000	49.6
Ohio	73	Ohio	Williams	8,655	73.75
Ohio	975	Ohio	Greene	4,100	51.75
Ohio	98	Ohio	Pickaway	13,965	71.4
Oklahoma	809	Oklahoma	Murray	5,000	new site
Oklahoma	831	Oklahoma	Beckham	11,500	30
Oklahoma	769	Oklahoma	Comanche	93,000	new site
Oklahoma	1264	Oklahoma	Carter	25,000	32.5
Oklahoma	767	Oklahoma	Garfield	51,000	62.2
Oregon	774	Oregon	Clackamas	4,000	N/A
Oregon	1201	Oregon	Clackamas, Multnomah, Washington	45,600	11
Oregon	1164	Oregon	Washington, Clackamas	25,780	20.8
Oregon	469	Oregon	Jackson	21,105	59.33
Oregon	931	Oregon	Baker	9,860	N/A
Oregon	932	Oregon	Deschutes	92,850	N/A
Oregon	933	Oregon	Clackamas	14,206	46.67
Oregon	935	Oregon	Polk	16,555	75.8
Oregon	937	Oregon	Lincoln	8,865	72.8
Oregon	939	Oregon	Lincoln	10,400	54.4
Oregon	940	Oregon	Deschutes	32,255	43.6
Oregon	941	Oregon	Marion	26,273	100
Oregon	950	Oregon	Josephine	37,725	N/A
Oregon	951	Oregon	Umatilla	18,775	73.2
Oregon	953	Oregon	Klamath	20,840	63
Oregon	956	Oregon	Jackson	133,708	42.5
Oregon	965	Oregon	Marion	10,520	61.25
Oregon	967	Oregon	Marion	10,840	54.33
Oregon	970	Oregon	Jefferson	3,200	80.67
Oregon	971	Oregon	Lane	235,155	N/A
Oregon	1200	Oregon	Multnomah, Washington	654,741	24
Oregon	797	Oregon	Clackamas	76,600	N/A
Oregon	934	Oregon	Benton	58,856	N/A
Oregon	936	Oregon	Lane	8,925	N/A
Oregon	942	Oregon	Washington	220,000	45.75
Oregon	943	Oregon	Washington	40,000	41.4
Oregon	945	Oregon	Multnomah	662,235	52.5
Oregon	947	Oregon	Lane	10,200	N/A
Oregon	949	Oregon	Washington	40,000	64.2
Oregon	955	Oregon	Yamhill	34,615	79.25
Oregon	959	Oregon	Umatilla	17,500	N/A
Oregon	775	Oregon	Clackamas	103,800	N/A
Oregon	929	Oregon	Linn	57,785	N/A
Oregon	930	Oregon	Clatsop	11,326	N/A
Oregon	938	Oregon	Yamhill	24,120	34
Oregon	944	Oregon	Washington	9,900	49
Oregon	952	Oregon	Hood River	7,800	N/A
Oregon	957	Oregon	Coos	9,975	68.8
Oregon	958	Oregon	Malheur	10,966	N/A
Oregon	963	Oregon	Yamhill	6,100	N/A
Oregon	966	Oregon	Columbia	13,739	36.6
Pennsylvania	726	Pennsylvania	Montgomery	13,000	N/A
Pennsylvania	707	Pennsylvania	Montgomery	15,500	N/A
Pennsylvania	1161	Pennsylvania	Lehigh	6,598	73.33
Pennsylvania	1358	Pennsylvania	Cumberland	25,000	52
Pennsylvania	1369	Pennsylvania	Westmoreland	25,000	50.57

Pennsylvania	1370	Pennsylvania	Lehigh	200,000	47.17
Pennsylvania	1375	Pennsylvania	York	85,000	54
Pennsylvania	1390	Pennsylvania	Monroe	25,000	new site
Pennsylvania	1388	Pennsylvania	Allegheny	22,000	new site
Pennsylvania	1454	Pennsylvania	Bucks	55,000	new site
Pennsylvania	1366	Pennsylvania	Dauphin	124,000	39.86
Pennsylvania	1455	Pennsylvania	Delaware	6,800	new site
Pennsylvania	1081	Pennsylvania	Montgomery	13,000	34.4
Pennsylvania	1083	Pennsylvania	Montgomery	10,000	24
Pennsylvania	125	Pennsylvania	Allegheny, Butler	41,000	33.4
Pennsylvania	1357	Pennsylvania	Montgomery	30,000	46.57
Pennsylvania	1359	Pennsylvania	Erie	200,000	70.71
Pennsylvania	1367	Pennsylvania	Franklin	67,000	65.33
Pennsylvania	1375	Pennsylvania	York	85,000	new site
Pennsylvania	1376	Pennsylvania	Westmoreland	4,600	53.86
Rhode Island	412	Rhode Island	Providence	20,000	N/A
Rhode Island	76	Rhode Island	Providence	10,000	74.2
Rhode Island	565	Rhode Island	Kent	6,000	52.2
Rhode Island	548	Rhode Island	Providence	120,000	38.4
Rhode Island	464	Rhode Island	Providence	240,000	35.2
Rhode Island	1224	Rhode Island	Kent	33,000	35.8
Rhode Island	835	Rhode Island	Bristol	11,000	59
Rhode Island	1134	Rhode Island	Kent	60,224	42.2
Rhode Island	677	Rhode Island	Bristol	21,100	33
Rhode Island	474	Rhode Island	Providence, Kent	80,000	N/A
Rhode Island	565	Rhode Island	Kent	6,000	N/A
South Carolina	599	South Carolina	Greenwood	12,000	76.2
South Carolina	884	South Carolina	Greenville	400,000	55.8
South Carolina	906	South Carolina	Lexington	40,000	51.67
South Carolina	908	South Carolina	Richland	60,000	59.4
South Carolina	1159	South Carolina	Florence, Darlington	45,000	67
South Carolina	600	South Carolina	Greenwood	48,000	60.75
South Carolina	877	South Carolina	Kershaw	8,825	76.2
South Carolina	878	South Carolina	Charleston	64,170	66.25
South Carolina	883	South Carolina	York	88,000	67.25
South Carolina	885	South Carolina	Georgetown	30,000	70.75
South Carolina	909	South Carolina	Horry	195,000	58.8
South Carolina	1265	South Carolina	Georgetown	12,000	36
South Carolina	491	South Carolina	Darlington	8,100	N/A
South Dakota	1165	South Dakota	Yankton	15,500	58.2
South Dakota	493	South Dakota	Beadle	13,289	32.8
South Dakota	1266	South Dakota	Lincoln, Minnehaha	215,000	56.6
South Dakota	672	South Dakota	Pennington	80,000	64.25
Tennessee	496	Tennessee	Bradley	52,000	58.4
Tennessee	1323	Tennessee	Shelby	300,000	45.2
Tennessee	1283	Tennessee	Davidson	600,000	27.6
Tennessee	1329	Tennessee	Shelby	300,000	25.4
Tennessee	1282	Tennessee	Davidson, Rutherford, Williamson	600,000	39
Tennessee	1445	Tennessee	Sumner	45,000	new site
Texas	847	Texas	Bexar	230,000	16.2
Texas	811	Texas	Bexar	415,000	17.6
Texas	805	Texas	Dallas	900,000	32
Texas	1231	Texas	Dallas	500,000	52.6
Texas	1140	Texas	Travis	500,000	29.6
Texas	1131	Texas	Kaufman	138,700	new site
Texas	113	Houston	Harris	3,825	70
Texas	201	Houston	Harris	124,000	80.33
Texas	207	Houston	Harris, Montgomery	52,055	75.33
Texas	250	Houston	Harris	20,161	56.33
Texas	289	Houston	Harris	19,867	67.67

Texas	350	Houston	Harris	20,608	51
Texas	366	Houston	Harris	109,414	51.33
Texas	367	Houston	Harris	109,414	55.33
Texas	406	Houston	Harris	59,188	76
Texas	434	Houston	Harris, Fort Bend	20,920	70.33
Texas	443	Houston	Harris	3,623	72.67
Texas	446	Houston	Harris	20,758	N/A
Texas	449	Houston	Harris	8,610	60
Texas	56	Houston	Harris	70,900	84
Texas	1210	Texas	Dallas	900,000	27.2
Texas	593	Texas	Galveston	89,600	20.25
Texas	848	Texas	Bexar	630,000	30
Texas	863	Texas	Webb	30,000	55.2
Texas	481	Texas	Dallas	200,000	N/A
Texas	665	Texas	Dallas	179,800	N/A
Texas	667	Texas	Galveston	40,000	N/A
Texas	135	Houston	Harris	16,030	57.67
Texas	149	Houston	Harris	4,170	49.67
Texas	160	Houston	Harris	40,689	66.33
Texas	183	Houston	Harris	16,804	63
Texas	290	Houston	Harris	95,600	48.33
Texas	307	Houston	Harris	5,497	45.67
Texas	35	Houston	Harris	551,150	81
Texas	40	Houston	Harris	117,968	86.67
Texas	435	Houston	Harris	33,645	57.33
Texas	439	Houston	Harris	85,129	59.67
Texas	97	Houston	Harris	37,359	80
Texas	1141	Texas	Travis	510,000	23.8
Texas	566	Texas	El Paso	143,000	new site
Texas	566	Texas	El Paso	143,000	new site
Texas	667	Texas	Galveston	26,400	34.8
Texas	673	Texas	El Paso	436,000	24
Texas	681	Texas	El Paso	142,000	29.8
Texas	709	Texas	El Paso	170,000	38
Texas	865	Texas	Webb	120,000	43.6
Texas	867	Texas	Webb	140,000	37.4
Texas	593	Texas	Galveston	80,000	N/A
Texas	780	Texas	Hardin	29,500	N/A
Texas	165	Houston	Harris, Fort Bend	28,742	65
Texas	176	Houston	Harris	9,375	62.67
Texas	272	Houston	Harris	4,010	72.67
Texas	287	Houston	Harris	12,892	71.67
Texas	288	Houston	Harris	33,102	63.67
Texas	373	Houston	Harris	32,485	58.33
Texas	375	Houston	Harris	293,227	69.33
Texas	409	Houston	Harris	97,918	62.67
Utah	1270	Utah	Tooele	13,000	45.2
Utah	12	Utah	Cache	94,005	67.75
Utah	17	Utah	Utah	112,901	60.4
Utah	20	Utah	Utah	21,231	49
Utah	21	Utah	Duchesne	6,790	41.4
Utah	23	Utah	Summit	6,390	50.75
Utah	25	Utah	Davis	21,872	48.25
Utah	27	Utah	Washington	92,047	49.6
Utah	34	Utah	Box Elder	12,451	64.6
Utah	3	Utah	Box Elder	21,443	45
Utah	6	Utah	Davis	64,533	46
Utah	10	Utah	Cache	9,095	59.6
Utah	11	Utah	Salt Lake	89,507	50.6
Utah	11	Utah	Salt Lake, Utah	94,484	47

Utah	15	Utah	Grand, San Juan	9,896	44
Utah	16	Utah	Weber, Davis	228,700	54.4
Utah	18	Utah	Utah	102,624	51.8
Utah	19	Utah	Carbon	17,312	N/A
Utah	22	Utah	Summit	25,444	51.25
Utah	24	Utah	Davis	84,981	59
Utah	26	Utah	Utah	53,313	56.6
Utah	28	Utah	Salt Lake	209,645	48.8
Utah	2	Utah	Uintah	29,513	58.4
Utah	33	Utah	Utah	253,112	63.2
Utah	5	Utah	Iron	32,451	56.4
Utah	9	Utah	Davis, Weber	208,850	63.2
Utah	1077	Utah	Wasatch	19,936	68
Utah	1	Utah	Washington	24,970	66.8
Utah	29	Utah	Utah	12,510	41.2
Utah	30	Utah	Salt Lake	254,971	56
Utah	31	Utah	Utah	35,840	64.4
Utah	32	Utah	Tooele	36,244	53.6
Utah	7	Utah	Salt Lake	515,494	59.4
Vermont	770	Vermont	Franklin	7,500	47
Vermont	1080	Vermont	Chittenden	31,000	38.75
Vermont	1452	Vermont	Caledonia	3,500	new site
Vermont	701	Vermont	Chittenden	8,500	40.67
Vermont	1157	Vermont	Bennington	15,000	37.4
Vermont	796	Vermont	Windsor	9,000	N/A
Virginia	1338	Virginia	Mecklenburg	5,300	69.5
Virginia	1272	Virginia	Franklin	5,000	75.4
Virginia	1259	Virginia	Alleghany	5,000	64.67
Virginia	1218	Virginia	Petersburg City	30,000	47.4
Virginia	1211	Virginia	Mathews, Gloucester, York	99,112	23
Virginia	1202	Virginia	Frederick	51,470	54.4
Virginia	1197	Virginia	York	118,497	16.4
Virginia	1195	Virginia	Norfolk City	78,322	41
Virginia	1113	Virginia	Arlington	207,627	25
Virginia	100	Virginia	Pittsylvania	47,000	N/A
Virginia	169	Virginia	Fairfax, Prince William, Stafford	165,901	55.33
Virginia	181	Virginia	Williamsburg City, Newport News City, York, New Kent, James City	69,059	42.67
Virginia	220	Virginia	Stafford	44,000	51.33
Virginia	308	Virginia	Frederick	16,563	62
Virginia	342	Virginia	Goochland, Henrico, Richmond City	225,000	51.33
Virginia	346	Virginia	Botetourt, Roanoke, Roanoke City, Salem	300,000	54.33
Virginia	400	Virginia	Montgomery	23,000	N/A
Virginia	42	Virginia	Prince William, Stafford	92,000	36
Virginia	51	Virginia	Loudoun	10,178	N/A
Virginia	583	Virginia	Chesapeake City, Virginia Beach City, Norfolk City	530,848	N/A
Virginia	587	Virginia	Norfolk City, Virginia Beach City, Chesapeake City, Portsmouth City	192,347	N/A
Virginia	589	Virginia	Mathews, Poquoson City, Hampton City, Gloucester, Newport News City, York	99,112	N/A
Virginia	1275	Virginia	Hampton City, Newport News City	141,543	21
Virginia	540	Virginia	Henry	16,000	49.4
Virginia	467	Virginia	Hanover	10,000	N/A
Virginia	714	Virginia	Orange	4,721	N/A
Virginia	892	Virginia	Petersburg City, Chesterfield, Prince George, Colonial Heights City, Dinwiddie, Hopewell City	71,416	new site
Virginia	118	Virginia	Wise	14,000	65.67
Virginia	177	Virginia	Chesapeake City, Virginia Beach City	343,016	37.33
Virginia	178	Virginia	Isle Of Wight, Suffolk City, Chesapeake City, Portsmouth City	197,608	38

Virginia	220	Virginia	Stafford	44,000	N/A
Virginia	262	Virginia	Albemarle	118,266	56.33
Virginia	308	Virginia	Frederick	16,563	new site
Virginia	310	Virginia	Radford, Pulaski, Montgomery	70,000	40
Virginia	342	Virginia	Richmond City, Goochland, Henrico	225,000	new site
Virginia	38	Virginia	Alexandria City, Fairfax	300,000	62
Virginia	410	Virginia	Prince William, Fauquier, Manassas Park City, Fairfax, Fairfax City, Loudoun, Manassas City	350,000	58
Virginia	586	Virginia	Portsmouth City, Chesapeake City, Suffolk City, Isle Of Wight	197,608	N/A
Virginia	588	Virginia	James City, York, Newport News City, New Kent, Williamsburg City	69,059	N/A
Virginia	61	Virginia	Montgomery	52,500	62.67
Virginia	1160	Virginia	Hanover	20,000	50.2
Virginia	1198	Virginia	Wise	9,340	55.4
Virginia	892	Virginia	Colonial Heights City, Petersburg City, Prince George, Chesterfield, Dinwiddie	65,000	51.4
Virginia	469	Virginia	Hanover	12,000	N/A
Virginia	180	Virginia	Chesapeake City, Virginia Beach City, Norfolk City, Portsmouth City	192,347	35.33
Virginia	229	Virginia	Amherst, Bedford, Campbell	220,000	42
Virginia	286	Virginia	Harrisonburg City, Rockingham	81,000	N/A
Virginia	42	Virginia	Prince William, Stafford	92,000	N/A
Virginia	454	Virginia	Washington	7,300	61
Virginia	582	Virginia	Hampton City, Norfolk City	78,322	N/A
Virginia	584	Virginia	Newport News City, Hampton City	118,497	N/A
Virginia	585	Virginia	James City, York, Hampton City, Newport News City	141,543	N/A
Washington	664	Washington	Snohomish	10,500	N/A
Washington	502	Washington	Clark	6,875	N/A
Washington	661	Washington	Snohomish	37,650	28.4
Washington	1398	Washington	Grant	8,475	37.5
Washington	754	Washington	Benton	59,609	75.57
Washington	755	Washington	Benton	15,000	63.4
Washington	758	Washington	Benton	83,000	71
Washington	1084	Washington	Clark	120,000	10.33
Washington	1139	Washington	King, Pierce	896,000	10.8
Washington	499	Washington	Clark	162,100	23.4
Washington	510	Washington	Clark	81,140	35.6
Washington	504	Washington	Clark	120,000	N/A
Washington	676	Washington	Snohomish, King	288,000	N/A
Washington	708	Washington	Snohomish	3,700	N/A
Washington	725	Washington	Clark	25,457	N/A
Washington	1076	Washington	Chelan	35,550	20.8
Washington	1143	Washington	Pierce	43,000	12.4
Washington	1397	Washington	Pierce	295,855	36.6
Washington	760	Washington	Spokane	120,000	68
Washington	1142	Washington	King, Snohomish	789,000	26.2
Washington	555	Washington	Snohomish	20,000	36.6
Washington	676	Washington	Snohomish, King	288,000	11.6
Washington	679	Washington	Snohomish	7,125	19.5
Washington	768	Washington	Snohomish	173,800	15
Washington	804	Washington	Clark	16,950	18.75
Washington	499	Washington	Clark	120,000	N/A
Washington	1399	Washington	Jefferson	10,000	28.4
Washington	753	Washington	Franklin	73,000	76.57
Washington	759	Washington	Spokane	225,000	72.83
West Virginia	712	West Virginia	Raleigh	25,000	N/A
West Virginia	789	West Virginia	Raleigh	88,900	new site
West Virginia	1248	West Virginia	Randolph	13,156	55.5
West Virginia	1250	West Virginia	Boone	4,555	N/A
West Virginia	1251	West Virginia	Lewis	10,364	new site
West Virginia	1332	West Virginia	Putnam	28,759	42.44
West Virginia	387	West Virginia	Monongalia	48,328	86.89
West Virginia	459	West Virginia	Kanawha	50,000	71
West Virginia	463	West Virginia	Marshall	12,000	N/A
West Virginia	465	West Virginia	Wood	48,050	86.56

West Virginia	466	West Virginia	Mercer	36,000	N/A
West Virginia	687	West Virginia	Harrison	26,498	N/A
West Virginia	735	West Virginia	Taylor	6,071	30.64
West Virginia	680	West Virginia	Harrison	80,000	N/A
West Virginia	206	West Virginia	Mineral	8,168	N/A
West Virginia	445	West Virginia	Ohio	50,000	69.9
West Virginia	601	West Virginia	Wayne, Cabell	56,000	54.33
West Virginia	912	West Virginia	Brooke	6,468	N/A
West Virginia	460	West Virginia	Jefferson	17,000	N/A
Wisconsin	115	Wisconsin	Waupaca	14,000	71.25
Wisconsin	120	Wisconsin	Columbia	6,900	32.33
Wisconsin	153	Wisconsin	Waukesha	51,000	39
Wisconsin	172	Wisconsin	Washington, Dodge	17,320	71.33
Wisconsin	223	Wisconsin	Columbia	3,100	81
Wisconsin	297	Wisconsin	Jefferson, Waukesha	22,300	64.6
Wisconsin	331	Wisconsin	Racine	139,000	34.2
Wisconsin	340	Wisconsin	Taylor	7,600	N/A
Wisconsin	389	Wisconsin	Portage	27,000	41.5
Wisconsin	392	Wisconsin	Douglas	28,000	55.2
Wisconsin	128	Wisconsin	Brown	43,000	49.75
Wisconsin	164	Wisconsin	Brown, Kewaunee	189,000	63.5
Wisconsin	203	Wisconsin	Kenosha	122,000	63.2
Wisconsin	209	Wisconsin	La Crosse	85,000	59.4
Wisconsin	243	Wisconsin	Juneau	4,400	58.33
Wisconsin	246	Wisconsin	Dunn	5,000	73
Wisconsin	248	Wisconsin	Lincoln	9,700	55.33
Wisconsin	256	Wisconsin	Ozaukee, Milwaukee	470,007	25
Wisconsin	257	Wisconsin	Waukesha, Milwaukee, Racine, Washington, Ozaukee	615,934	27.2
Wisconsin	260	Wisconsin	Green	11,000	59
Wisconsin	302	Wisconsin	Winnebago	78,300	70.6
Wisconsin	320	Wisconsin	Sheboygan	9,150	52.67
Wisconsin	325	Wisconsin	Columbia	11,000	46.2
Wisconsin	41	Wisconsin	Outagamie, Winnebago, Calumet	72,810	40
Wisconsin	433	Wisconsin	Marathon	42,350	57.2
Wisconsin	447	Wisconsin	Jefferson, Walworth	14,500	N/A
Wisconsin	1277	Wisconsin	Dane	360,000	40.2
Wisconsin	1349	Wisconsin	Rock	36,000	new site
Wisconsin	473	Wisconsin	Marathon, Wood	19,684	N/A
Wisconsin	136	Wisconsin	Chippewa, Eau Claire	73,000	61.6
Wisconsin	182	Wisconsin	Saint Croix	14,000	63.6
Wisconsin	231	Wisconsin	Dane	345,000	62.85
Wisconsin	232	Wisconsin	Manitowoc	34,500	60
Wisconsin	236	Wisconsin	Marinette	11,000	69.2
Wisconsin	239	Wisconsin	Marathon, Wood	19,300	47
Wisconsin	313	Wisconsin	Marinette	3,500	79.67
Wisconsin	318	Wisconsin	Grant	11,000	45.4
Wisconsin	344	Wisconsin	Saint Croix, Pierce	15,900	68.67
Wisconsin	364	Wisconsin	Sheboygan	75,000	56
Wisconsin	391	Wisconsin	Dane	33,000	56.8
Wisconsin	420	Wisconsin	Vernon	4,400	74.8
Wisconsin	431	Wisconsin	Waukesha	72,000	N/A
Wisconsin	44	Wisconsin	Ashland	8,200	50.33
Wisconsin	60	Wisconsin	Jackson	5,000	79.4
Wisconsin	696	Wisconsin	Jefferson, Dodge	23,660	57.8

Terms to Know

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

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

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

About the Data

†Data will update Monday through Friday as soon as they are reviewed and verified, oftentimes before 8 pm ET. Updates will occur the following day when reporting coincides with a federal holiday. Note: Daily updates (Mon-Fri) 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 reported increased levels, 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 to show the change in the percent of sites in each percent change category since January 1, 2021.
- To simplify the chart, the "-9% to 0%" and "1% to 9%" categories were combined into "-9% to 9%," and the "100% to 999%" and "1000% or more" categories were combined into "100% or more." Because the number of sampling sites has changed since January 1, 2021, the total number of sites with current data 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 grouped into five categories (0-19%, 20-39%, 40-59%, 60-79%, and 80-100%) based on how low or high their levels are compared to previous levels. The levels in the 0-19% group represent the lowest levels seen at that sampling site and those in the 80-100% group represent the highest.
- Using December 1, 2021 as a starting date for all sites makes data more comparable between sites. Sites that began reporting wastewater data after December 1, 2021 are not comparable to sites that have been reporting data since December 1, 2021 or earlier because the data history for these new sites is not long enough to reflect the same surges as the other sites.
- The "New site" category means a site just started collecting wastewater samples and has reported fewer than 10 samples, which is not enough samples to meaningfully compare levels at the site over time.

Percent change in the last 15 days

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

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

- This metric shows the percent of wastewater samples at each site that were positive for SARS-CoV-2 RNA over the last 15 days. It does not show overall levels of SARS-CoV-2 in wastewater.
- This metric is calculated by dividing the number of samples in which SARS-CoV-2 was detected at a site by the total number of samples collected for the site during the 15-day period and multiplying by 100.
- Sites with at least one sample and no SARS-CoV-2 viral detections over the past 15 days are listed as "Non-detects" and are shown on the map as hollow circles with a black outline.
- Sites with no samples for the current 15-day period are listed as "No recent data" and colored gray on the map.

SARS-CoV-2 concentrations in wastewater over time

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

Category change in the last 7 days

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

County-level data

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

Sewershed locations

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

Data subject to change

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

May 2022 Coverage Limitations

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

Data not shown

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

Data source

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

Laboratory methods

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

Data download

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

Wondering what all the data mean?

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

How does wastewater surveillance work?

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

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

Check your county's COVID-19 Community Level and follow the recommended prevention steps.

Public health officials watch for sustained increasing levels of the virus in wastewater and use these data to inform public health decisions. State and local health officials track a variety of data and put this information together to understand the local COVID-19 situation and decide how to best respond.

How do I build NWSS in my community?

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

Is there wastewater sampling in my community?

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

Cite COVID Data Tracker

Centers for Disease Control and Prevention. COVID Data Tracker. Atlanta, GA: US Department of Health and Human Services, CDC; 2022, August 27. https://covid.cdc.gov/covid-data-tracker

COVID-19 Home >

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