Centers for Disease Control and Prevention

Español (Spanish)

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	**Deaths** Total	Current **Hosp.**	**34.9% of People 5+ with** First Booster
	95,075,392	**1,045,253**	**15,457**	
	Case Trends	Death Trends	Admission Trends	

CLICK TO VIEW OTHER PAGES:
Wastewater Surveillance

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.

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.]

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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.

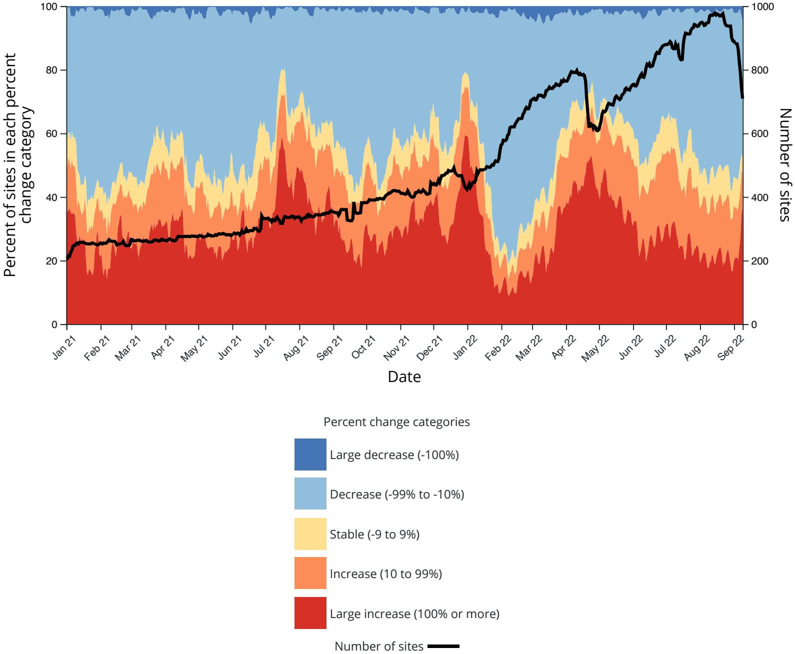
The percent change metric shows whether virus levels have increased or decreased at sites over the last 15 days.

- Blue categories (Large decrease (-100%); Decrease (-99% to -10%)): Virus levels decreased at these 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



Download

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 26, 2022 – Sep 09, 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.

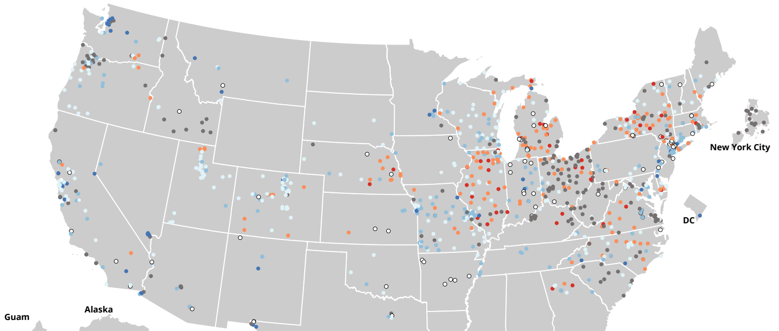
Current SARS-CoV-2 virus levels by site, United States

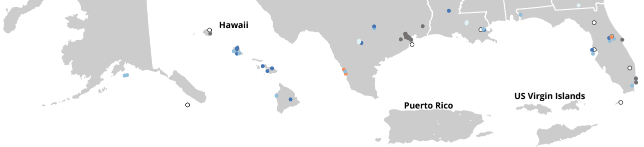
Current virus levels category	Num. sites	% sites	Category change in last 7 days
⬜ New Site	96	11	0%
🟦 0% to 19%	80	9	16%
🟦 20% to 39%	212	23	3%
⬜ 40% to 59%	310	34	– 17%
🟧 60% to 79%	172	19	– 18%
🟥 80% to 100%	42	5	– 9%

Total sites with current data: 912

Total number of wastewater sampling sites: 1180

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: Monday, September 12, 2022 4:19 PM ET. Posted: Monday, September 12, 2022 5:08 PM ET

Download Data

Jurisdiction	Sewershed ID	Reporting Jurisdiction	County	Population Served	Current Virus Levels (in %)
Alaska	1490	Alaska	Juneau	10,000	new site
Alaska	1491	Alaska	Juneau	20,000	new site
Alaska	1172	Alaska	Anchorage	200,000	27.6
Alaska	1158	Alaska	Anchorage	15,000	32
Arizona	1334	Arizona	Maricopa	150,000	30.75
Arizona	1383	Arizona	Maricopa	2,400,000	33.4
Arizona	590	Arizona	Pima	347,900	21.2
Arizona	808	Arizona	Mohave	37,500	23.5
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	7.67
Arizona	1212	Arizona	Maricopa	9,848	N/A
Arizona	1212	Arizona	Maricopa	12,542	N/A
Arizona	1382	Arizona	Maricopa	50,000	28
Arizona	501	Arizona	La Paz	3,500	30
Arizona	715	Arizona	Pima	397,407	23.6
Arizona	501	Arizona	La Paz	3,500	N/A
Arizona	1054	Arizona	Yuma	10,873	32.4
Arizona	1055	Arizona	Yuma	4,725	19.4
Arizona	1212	Arizona	Maricopa	64,521	N/A

Arizona	1212	Arizona	Maricopa	17,280	N/A
Arizona	1212	Arizona	Maricopa	9,430	N/A
Arizona	1271	Arizona	Pima	23,000	new site
Arizona	1327	Arizona	Mohave	30,000	40.25
Arizona	1212	Arizona	Maricopa	6,500	N/A
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	1444	Arkansas	Pulaski	5,000	new site
Arkansas	1461	Arkansas	Saline	35,000	new site
Arkansas	1472	Arkansas	Saint Francis	13,000	new site
Arkansas	741	Arkansas	Mississippi	5,500	37
California	1173	California	Contra Costa	494,300	15.6
California	1199	California	Kings	59,000	36
California	1209	California	Marin	13,000	40
California	1230	California	San Luis Obispo	47,400	19.5
California	461	California	Humboldt	43,173	9.8
California	763	California	Santa Cruz	160,000	15.4
California	779	California	Los Angeles	200,000	30.2
California	834	California	Riverside	91,765	19
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	56.07
California	1373	California	Stanislaus	230,000	42.44
California	1377	California	Yolo	7,285	46.88
California	1378	California	Yolo	59,000	46.22
California	137	California	Alameda, Contra Costa	740,000	39.6
California	1477	California	Yolo	7,285	new site
California	158	California	Fresno	650,000	58
California	211	California	Los Angeles	3,500,000	22
California	258	California	Stanislaus	230,000	N/A
California	353	California	Santa Clara	1,500,000	52.77
California	362	California	San Francisco, San Mateo	250,000	46.91
California	362	California	San Mateo, San Francisco	210,000	55.86
California	1219	California	Lake	5,000	new site
California	1320	California	Ventura	230,000	11
California	1387	California	Monterey	250,000	25
California	1409	California	San Bernardino	78,000	new site
California	564	California	Alameda	60,000	10

California	802	California	Santa Cruz	85,000	10.4
California	803	California	Santa Cruz	150,000	9.6
California	1027	California	Santa Cruz	160,000	N/A
California	461	California	Humboldt	45,000	N/A
California	830	California	San Luis Obispo	47,000	new site
California	1019	California	Lake	13,200	77.71
California	215	California	Ventura, Los Angeles	4,000,000	58.86
California	247	California	Merced	91,000	N/A
California	305	California	Santa Clara	236,000	49.69
California	354	California	Santa Clara	153,000	54.21
California	357	California	San Diego	2,200,000	50.33
California	59	California	Kern	168,750	51.83
California	1288	California	El Dorado	40,000	10.6
California	1443	California	Imperial	50,000	new site
California	495	California	Santa Cruz	60,000	8.8
California	506	California	Los Angeles, Ventura	100,000	23.6
California	570	California	Sonoma	220,000	9.75
California	724	California	Contra Costa	215,394	7.8
California	778	California	Lake	10,080	27.6
California	793	California	San Luis Obispo	39,000	32.8
California	779	LA County	Los Angeles	197,000	N/A
California	1188	California	Ventura	220,000	N/A
California	1361	California	Stanislaus	86,000	29.88
California	1365	California	Yolo	3,272	45.17
California	1371	California	Merced	42,000	36.5
California	1372	California	Merced	91,000	50.56
California	299	California	Orange	1,800,000	27.5
California	352	California	Santa Clara	110,338	52.58
California	356	California	San Bernardino	325,000	63.57
California	363	California	San Mateo, San Francisco	750,000	53.57
California	383	California	Sacramento	1,480,000	48.53
California	393	California	San Mateo	199,000	41.57
California	77	California	Imperial	40,000	46.57
California	88	California	Contra Costa	484,800	51
Colorado	1111	Colorado	Teller	7,143	59.2
Colorado	116	Colorado	El Paso	102,203	45.4
Colorado	117	Colorado	El Paso	303,855	43.5
Colorado	122	Colorado	Summit	7,857	42.67
Colorado	151	Colorado	Larimer	92,126	45
Colorado	152	Colorado	Larimer	26,621	51.75
Colorado	224	Colorado	Boulder, Weld	75,543	48.75

Colorado	251	Colorado	Denver	345,453	48
Colorado	368	Colorado	Adams	54,560	50
Colorado	370	Colorado	Larimer	23,193	47
Colorado	408	Colorado	Summit	35,643	58.75
Colorado	49	Colorado	Arapahoe, Adams	268,003	45
Colorado	578	Colorado	Las Animas	14,286	71.5
Colorado	58	Colorado	Weld, Larimer	7,946	19.75
Colorado	656	Colorado	La Plata	23,429	61.2
Colorado	66	Colorado	Boulder	89,383	53
Colorado	72	Colorado	Broomfield	53,355	28.67
Colorado	747	Colorado	Arapahoe	25,714	N/A
Colorado	843	Colorado	Eagle	30,714	43
Colorado	844	Colorado	Eagle	19,286	N/A
Colorado	845	Colorado	Summit	14,286	72.75
Colorado	1290	Colorado	Garfield	7,300	20.5
Colorado	1135	Colorado	Teller	6,379	52
Colorado	1154	Colorado	Pitkin	17,571	22
Colorado	1156	Colorado	Pitkin	5,714	new site
Colorado	161	Colorado	Garfield	16,714	46
Colorado	163	Colorado	Weld	83,319	47.25
Colorado	372	Colorado	Arapahoe, Denver	247,443	42
Colorado	437	Colorado	Larimer	9,292	35
Colorado	737	Colorado	Alamosa	18,364	44.5
Colorado	748	Colorado	El Paso	34,286	45.75
Colorado	751	Colorado	Mesa	89,286	50.75
Colorado	841	Colorado	Adams	21,429	55.2
Colorado	887	Colorado	Summit	18,571	63.5
Colorado	928	Colorado	Weld	20,000	47.75
Colorado	142	Colorado	Larimer	5,818	40.6
Colorado	150	Colorado	Larimer	17,997	48.75
Colorado	226	Colorado	Boulder	17,600	40.75
Colorado	227	Colorado	Larimer	66,428	36.25
Colorado	252	Colorado	Denver	709,904	40.25
Colorado	329	Colorado	Pueblo	96,514	47.6
Colorado	396	Colorado	San Miguel	15,000	67
Colorado	47	Colorado	Pitkin	5,500	51.2
Colorado	556	Colorado	Morgan	12,000	66.2
Colorado	576	Colorado	Routt	43,741	48.4
Colorado	657	Colorado	Summit	28,571	40.75
Colorado	749	Colorado	Eagle	21,071	58.25
Colorado	846	Colorado	Gunnison	30,000	37

Connecticut	1163	Connecticut	New London	22,000	38.75
Connecticut	534	Connecticut	Fairfield	100,000	28.4
Connecticut	686	Connecticut	New Haven	112,000	34.4
Connecticut	1079	Connecticut	New Haven	228,000	30.4
Connecticut	1196	Connecticut	New Haven	19,500	38
Connecticut	832	Connecticut	New London	40,000	75.33
Connecticut	832	Connecticut	New London	40,000	new site
Connecticut	1395	Connecticut	Fairfield	52,265	26.6
Connecticut	291	Connecticut	Fairfield	75,000	24
Connecticut	771	Connecticut	Fairfield	120,000	14.8
Connecticut	806	Connecticut	Fairfield	65,000	52
Delaware	1183	Delaware	Sussex	7,000	63.4
Delaware	1185	Delaware	Sussex	4,392	81.4
Delaware	1187	Delaware	New Castle	17,145	16.2
Delaware	1192	Delaware	Sussex	7,000	66
Delaware	1194	Delaware	New Castle	539,000	23
Delaware	1191	Delaware	Sussex	75,000	49
Delaware	1184	Delaware	Kent	130,000	50.8
Delaware	1186	Delaware	Sussex	4,050	51.4
District of Columbia	486	District of Columbia	District Of Columbia	1,600,000	18.8
Florida	1410	Florida	Palm Beach, Martin	96,136	new site
Florida	668	Florida	Miami-Dade	920,528	29.5
Florida	669	Florida	Orange	277,823	25.4
Florida	671	Florida	Orange	463,672	30.4
Florida	711	Florida	Miami-Dade	829,725	6
Florida	781	Florida	Miami-Dade	776,150	8.25
Florida	711	Florida	Miami-Dade	829,725	N/A
Florida	781	Florida	Miami-Dade	776,150	N/A
Florida	1408	Florida	Orange, Seminole	85,700	new site
Florida	574	Florida	Pinellas	220,000	29.2
Florida	670	Florida	Orange	59,587	19.6
Florida	829	Florida	Monroe	50,000	new site
Florida	1144	Florida	Orange, Seminole	51,000	52.2
Florida	1145	Florida	Seminole	43,010	68
Florida	1392	Florida	Hillsborough	180,000	new site
Florida	1502	Florida	Alachua	100,000	new site
Florida	511	Florida	Pinellas	103,000	13.2
Florida	706	Florida	Escambia	197,000	25.75
Florida	490	Florida	Brevard	10,500	N/A
Georgia	1073	Georgia	Cobb	190,000	40.5

Georgia	1309	Georgia	Newton	32,000	42
Georgia	1109	Georgia	Lowndes	65,000	42.2
Georgia	476	Georgia	Richmond	197,191	28.2
Georgia	684	Georgia	Dekalb	300,000	N/A
Georgia	1071	Georgia	Paulding	10,000	84
Georgia	1074	Georgia	Paulding	8,000	44.8
Georgia	684	Georgia	Dekalb	325,000	32
Georgia	1072	Georgia	Gwinnett	650,000	65.8
Georgia	1169	Georgia	Clarke	56,500	82
Guam	1441	Guam	Guam	9,000	new site
Guam	1440	Guam	Guam	66,000	new site
Guam	1450	Guam	Guam	7,000	new site
Guam	1446	Guam	Guam	8,000	new site
Guam	1448	Guam	Guam	105,000	new site
Hawaii	1203	Hawaii	Honolulu	300,000	11
Hawaii	1204	Hawaii	Honolulu	109,236	15.2
Hawaii	1205	Hawaii	Maui	49,000	15.2
Hawaii	1221	Hawaii	Hawaii	32,600	18.2
Hawaii	1286	Hawaii	Kauai	6,900	new site
Hawaii	1337	Hawaii	Hawaii	5,000	23
Hawaii	1181	Hawaii	Maui	59,000	12
Hawaii	1208	Hawaii	Honolulu	20,800	11.6
Hawaii	710	Hawaii	Kauai	10,000	N/A
Hawaii	798	Hawaii	Honolulu	48,519	23.4
Hawaii	1175	Hawaii	Maui	52,000	16.8
Hawaii	790	Hawaii	Honolulu	700,000	25
Idaho	818	Idaho	Ada	120,344	43.86
Idaho	1023	Idaho	Latah	24,000	N/A
Idaho	1067	Idaho	Twin Falls	48,951	N/A
Idaho	1225	Idaho	Bingham	14,045	N/A
Idaho	1227	Idaho	Bannock	75,000	N/A
Idaho	1228	Idaho	Caribou	3,200	N/A
Idaho	1249	Idaho	Blaine	5,338	new site
Idaho	1406	Idaho	Elmore	5,500	N/A
Idaho	1066	Idaho	Bonneville	60,000	N/A
Idaho	1129	Idaho	Kootenai	38,500	N/A
Idaho	1347	Idaho	Minidoka	6,200	N/A
Idaho	992	Idaho	Ada	167,500	46.86
Illinois	462	Illinois	Winnebago	240,000	39.4
Illinois	546	Illinois	Kankakee	65,000	36.25
Illinois	1244	Illinois	Du Page	86,000	33

Illinois	603	Illinois	Kane	11,290	70.25
Illinois	606	Illinois	Saint Clair	26,150	83.4
Illinois	607	Illinois	Boone	41,500	68.2
Illinois	611	Illinois	Fulton	13,506	74.8
Illinois	612	Illinois	Greene	3,064	69.8
Illinois	613	Illinois	Marion	15,738	N/A
Illinois	620	Illinois	Macon	70,746	76.75
Illinois	621	Illinois	Perry	6,448	83.8
Illinois	625	Illinois	Jo Daviess	3,460	35
Illinois	632	Illinois	Cook	270,647	58.29
Illinois	633	Illinois	Warren	10,836	53.8
Illinois	634	Illinois	Jefferson	21,169	72.6
Illinois	635	Chicago	Cook	3,590	69.6
Illinois	642	Illinois	Du Page	128,358	57.6
Illinois	646	Illinois	Richland	8,968	N/A
Illinois	675	Chicago	Cook	215,718	50.4
Illinois	697	Illinois	Rock Island	25,202	80.6
Illinois	698	Illinois	Rock Island	43,768	64
Illinois	699	Illinois	Tazewell	30,997	46.8

Illinois	871	Illinois	La Salle	18,307	87
Illinois	978	Illinois	Mclean	42,000	43.25
Illinois	980	Illinois	Mclean	44,237	56
Illinois	981	Illinois	De Kalb	43,862	86
Illinois	982	Illinois	Cook	1,263,110	55.14
Illinois	1243	Illinois	Du Page	76,324	41.6
Illinois	1252	Illinois	Du Page	59,805	41.75
Illinois	605	Illinois	Saint Clair	26,150	87
Illinois	615	Illinois	Randolph	6,814	N/A
Illinois	616	Illinois	Christian	12,663	72
Illinois	619	Illinois	Vermilion	30,479	66
Illinois	622	Illinois	Effingham	12,384	77.6
Illinois	624	Illinois	Stephenson	27,218	72.8
Illinois	627	Illinois	Morgan	23,818	86.4
Illinois	628	Illinois	Kankakee	56,317	41.75
Illinois	631	Illinois	Mcdonough	22,004	82.8
Illinois	635	Illinois	Cook	1,134,897	65.86
Illinois	636	Illinois	Cook	110,394	59.86
Illinois	638	Illinois	Cook	1,127,736	52
Illinois	641	Illinois	Cook	217,106	57.71
Illinois	643	Illinois	Lake	55,735	66.67
Illinois	644	Illinois	Lake	105,208	64.33
Illinois	645	Illinois	Lake	126,629	89.67
Illinois	647	Illinois	Peoria	157,379	59.2
Illinois	654	Illinois	Whiteside	18,678	61.5
Illinois	655	Illinois	Champaign	91,041	91.75
Illinois	675	Chicago	Cook	54,458	54
Illinois	731	Illinois	Bureau	5,223	78.6
Illinois	857	Illinois	Lawrence	4,399	96.5
Illinois	894	Illinois	Lee	15,115	81.75
Illinois	972	Illinois	Saint Clair	32,289	19.4
Illinois	979	Illinois	Mclean	44,238	60.75
Illinois	682	Illinois	Cook	265,000	22
Illinois	683	Illinois	Cook	161,000	21.8
Illinois	1062	Illinois	Kendall	210,655	64
Illinois	1100	Illinois	Du Page	40,438	35
Illinois	1246	Illinois	Du Page	65,000	61.2
Illinois	1247	Illinois	Lake	80,000	47.6
Illinois	1316	Illinois	Will	50,000	32.4
Illinois	1326	Illinois	Saint Clair	85,593	26.6
Illinois	462	Illinois	Winnebago	353,599	64.4

Illinois	602	Illinois	Union	4,442	59.5
Illinois	604	Illinois	Cass	5,446	49.8
Illinois	617	Illinois	Mchenry	78,261	50.25
Illinois	623	Illinois	Clay	5,070	93.5
Illinois	626	Illinois	Knox	39,153	70.4
Illinois	635	Chicago	Cook	70,645	50.4
Illinois	637	Illinois	Cook	13,098	60.29
Illinois	639	Illinois	Cook	1,127,736	54.14
Illinois	649	Illinois	Bureau	7,555	61.4
Illinois	650	Illinois	Adams	50,695	64.8
Illinois	651	Illinois	Carroll	5,615	67
Illinois	652	Illinois	Shelby	5,329	58.25
Illinois	653	Illinois	Macoupin	4,480	54
Illinois	674	Chicago	Cook	52,306	57
Illinois	674	Chicago	Cook	91,964	60.2
Illinois	675	Chicago	Cook	203,376	47
Illinois	983	Illinois	Mchenry	15,000	N/A
Illinois	984	Illinois	Du Page	18,800	77
Indiana	1162	Indiana	Hamilton	98,000	26
Indiana	1269	Indiana	Lake	28,000	50
Indiana	1281	Indiana	Delaware	67,000	38.2
Indiana	1319	Indiana	Howard	45,000	17.6
Indiana	765	Indiana	Monroe	22,500	78.8
Indiana	772	Indiana	Monroe	67,500	77.2
Indiana	678	Indiana	Bartholomew	50,000	N/A
Indiana	1480	Indiana	Rush	6,208	new site
Indiana	1482	Indiana	Porter	36,000	new site
Indiana	1314	Indiana	Wayne	36,000	43.2
Indiana	1318	Indiana	Huntington	17,612	35
Indiana	678	Indiana	Bartholomew	49,000	24
Indiana	828	Indiana	Hamilton	84,000	6.5
Indiana	1456	Indiana	Clark	21,000	new site
Indiana	1458	Indiana	Noble	10,000	new site
Indiana	1479	Indiana	Elkhart	35,000	new site
Indiana	1481	Indiana	Marion	14,000	new site
Indiana	1498	Indiana	Marion	800,000	new site
Indiana	1267	Indiana	Kosciusko	14,000	35.25
Indiana	1273	Indiana	Dubois	16,000	31.25
Indiana	1289	Indiana	Vigo	58,500	36.4
Indiana	1293	Indiana	St Joseph	100,000	43.2
Indiana	1350	Indiana	Allen	72,200	31.25

Indiana	1352	Indiana	Jefferson	16,000	new site
Indiana	1459	Indiana	Jasper	5,800	new site
Iowa	105	Iowa	Johnson	21,000	45.6
Iowa	1496	Iowa	Winneshiek	8,500	new site
Iowa	1447	Iowa	Mahaska	5,201	74.6
Iowa	1449	Iowa	Mahaska	6,357	40
Iowa	1303	Iowa	Woodbury	102,000	22.2
Iowa	544	Iowa	Johnson	75,849	46.25
Kansas	1292	Kansas	Johnson	66,377	31
Kansas	472	Kansas	Reno	40,000	30.67
Kansas	1299	Kansas	Johnson	112,076	44.25
Kansas	1304	Kansas	Johnson	73,829	26.5
Kansas	1305	Kansas	Johnson	54,985	17.75
Kansas	787	Kansas	Shawnee	90,000	27.2
Kansas	833	Kansas	Shawnee	50,000	30.6
Kansas	703	Kansas	Reno	40,000	new site
Kansas	1300	Kansas	Johnson	42,235	19
Kansas	807	Kansas	Ford	27,000	63.4
Kansas	766	Kansas	Butler	13,000	new site
Kentucky	810	Kentucky	Estill	5,000	91.8
Kentucky	1255	Kentucky	Johnson	5,258	N/A
Kentucky	1253	Kentucky	Boyd	32,575	N/A
Kentucky	1254	Kentucky	Rowan	15,212	80.6
Kentucky	1257	Kentucky	Magoffin	3,508	N/A
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	1207	Kentucky	Carroll	3,000	43.2
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	792	Louisiana	Orleans	389,000	9
Louisiana	1107	Louisiana	East Baton Rouge	262,326	41.8
Louisiana	1497	Louisiana	Jefferson	300,000	new site
Louisiana	727	Louisiana	Orleans	998,000	35.2
Louisiana	1116	Louisiana	East Baton Rouge	99,712	46.75
Louisiana	1229	Louisiana	Rapides	60,000	11.75
Maine	347	Maine	Knox	7,000	48
Maine	484	Maine	Franklin	2,750	51
Maine	507	Maine	Oxford	1,000	38.8
Maine	65	Maine	Lincoln	1,759	80

Maine	65	Maine	Lincoln	1,700	new site
Maine	475	Maine	Piscataquis	900	53.4
Maine	560	Maine	Sagadahoc	8,514	55.6
Maine	716	Maine	Cumberland	8,500	43.4
Maine	1206	Maine	York	21,000	63
Maine	475	Maine	Piscataquis	800	N/A
Maine	560	Maine	Sagadahoc	8,500	N/A
Maryland	1268	Maryland	Anne Arundel	150,000	35.6
Maryland	1278	Maryland	Anne Arundel	22,000	19.2
Maryland	561	Maryland	Washington	90,000	40.2
Maryland	1260	Maryland	Anne Arundel	89,000	46.4
Maryland	1261	Maryland	Anne Arundel	91,000	33.8
Maryland	1285	Maryland	Anne Arundel	13,000	24.6
Maryland	547	Maryland	Howard	250,000	N/A
Maryland	1262	Maryland	Anne Arundel	11,000	28.2
Maryland	1284	Maryland	Anne Arundel	78,000	56.4
Maryland	1348	Maryland	Charles	88,500	30
Maryland	563	Maryland	Wicomico	37,000	40.2
Maryland	666	Maryland	Allegany	45,000	75
Massachusetts	1311	Massachusetts	Bristol	100,000	32.6
Massachusetts	1384	Massachusetts	Middlesex	180,000	77.5
Massachusetts	1495	Massachusetts	Worcester	42,000	new site
Massachusetts	470	Massachusetts	Hampden	55,000	N/A
Massachusetts	1180	Massachusetts	Worcester	12,000	34
Massachusetts	1495	Massachusetts	Worcester	42,000	new site
Massachusetts	1330	Massachusetts	Worcester	3,000	64
Massachusetts	470	Massachusetts	Hampden	55,000	27.75
Michigan	1039	Michigan	Saint Joseph	7,623	60.4
Michigan	1088	Michigan	Ottawa	25,000	30.5
Michigan	1091	Michigan	Schoolcraft	3,412	72.67
Michigan	1092	Michigan	Chippewa	15,000	70.67
Michigan	1096	Michigan	Muskegon	125,000	77
Michigan	1102	Michigan	Dickinson	13,500	43.67
Michigan	1121	Michigan	Saginaw	6,300	66.67
Michigan	1122	Michigan	Otsego	3,670	58.33
Michigan	1138	Michigan	Isabella	25,629	59
Michigan	1167	Michigan	Kent	15,000	59
Michigan	1315	Michigan	Macomb	135,000	N/A
Michigan	756	Michigan	Kent	265,000	66.75
Michigan	757	Michigan	Jackson	90,000	60.62
Michigan	800	Michigan	Genesee	95,000	83.27

Michigan	801	Michigan	Grand Traverse	45,000	63.5
Michigan	823	Michigan	Houghton	14,000	51.5
Michigan	860	Michigan	Gratiot	8,976	73.4
Michigan	889	Michigan	Ottawa	6,657	20
Michigan	889	Michigan	Ottawa	6,524	73
Michigan	889	Michigan	Ottawa	45,608	53.6
Michigan	890	Michigan	Ottawa	36,912	55.4
Michigan	891	Michigan	Kalamazoo	14,378	new site
Michigan	891	Michigan	Kalamazoo	39,068	new site
Michigan	533	Michigan	Alpena	12,000	N/A
Michigan	1018	Michigan	Bay	20,000	84
Michigan	1020	Michigan	Dickinson	3,200	79.33
Michigan	1040	Michigan	Ottawa	11,200	66.2
Michigan	1048	Michigan	Calhoun	6,964	66.2
Michigan	1050	Michigan	Saint Joseph	10,681	73.6
Michigan	1051	Michigan	Allegan	4,225	N/A
Michigan	1086	Michigan	Ottawa	20,000	92
Michigan	1087	Michigan	Genesee	72,240	64.33
Michigan	1106	Michigan	Iosco	5,000	49.67
Michigan	1136	Michigan	Clare	3,042	51.67
Michigan	1155	Michigan	Tuscola	3,000	74
Michigan	1168	Michigan	Kent	68,000	68
Michigan	1215	Michigan	Kent	41,000	N/A
Michigan	1217	Michigan	Kent	145,000	68.25
Michigan	1434	Michigan	Ingham	22,500	N/A
Michigan	761	Michigan	Lenawee	8,680	73.15
Michigan	762	Michigan	Washtenaw	330,000	50.25
Michigan	799	Michigan	Washtenaw	150,000	80.33
Michigan	861	Michigan	Saginaw	40,000	77.75
Michigan	874	Michigan	Emmet	7,900	70.4
Michigan	891	Michigan	Kalamazoo	12,366	new site
Michigan	891	Michigan	Kalamazoo	6,703	new site
Michigan	891	Michigan	Kalamazoo	45,976	new site
Michigan	896	Michigan	Wayne, Macomb	492,000	N/A
Michigan	898	Michigan	Oakland, Wayne	840,600	N/A
Michigan	1036	Michigan	Allegan	5,500	70.2
Michigan	1040	Michigan	Ottawa	3,511	new site
Michigan	1049	Michigan	Allegan	3,777	77.8
Michigan	1089	Michigan	Chippewa	6,546	85
Michigan	1090	Michigan	Manistee	8,154	N/A
Michigan	1093	Michigan	Mackinac	3,460	75

Michigan	1104	Michigan	Mackinac	14,000	11.33
Michigan	1105	Michigan	Menominee	3,842	53.33
Michigan	1119	Michigan	Roscommon	5,398	new site
Michigan	1125	Michigan	Marquette	25,000	N/A
Michigan	1166	Michigan	Huron	4,000	68.4
Michigan	1214	Michigan	Kent	40,000	N/A
Michigan	1216	Michigan	Midland	40,000	85
Michigan	1239	Michigan	Isabella	7,615	new site
Michigan	822	Michigan	Delta	12,600	53.6
Michigan	888	Michigan	Calhoun	70,000	70.8
Michigan	889	Michigan	Ottawa	11,057	new site
Michigan	891	Michigan	Kalamazoo	9,709	new site
Michigan	891	Michigan	Kalamazoo	3,416	new site
Michigan	891	Michigan	Kalamazoo	11,246	new site
Michigan	891	Michigan	Kalamazoo	31,189	new site
Michigan	891	Michigan	Kalamazoo	194,170	58.6
Michigan	895	Michigan	Bay	34,000	new site
Michigan	897	Michigan	Oakland, Macomb	1,482,000	N/A
Minnesota	1108	Minnesota	Dakota, Scott	250,000	20.5
Minnesota	993	Minnesota	Scott, Dakota	150,000	33.5
Minnesota	494	Minnesota	Olmsted	115,000	N/A
Minnesota	783	Minnesota	Ramsey, Anoka, Dakota, Hennepin, Washington	1,950,000	13.5
Minnesota	849	Minnesota	Hennepin, Carver, Scott	300,000	16.5
Missouri	159	Missouri	Callaway	12,790	43.5
Missouri	190	Missouri	Cole, Callaway	41,153	26.5
Missouri	192	Missouri	Jasper	34,403	39.67
Missouri	194	Missouri	Clay, Platte	76,759	32.33
Missouri	196	Missouri	Jackson	25,000	58.67
Missouri	198	Missouri	Clay	12,000	26.67
Missouri	200	Missouri	Johnson, Jackson, Wyandotte	61,250	24.33
Missouri	202	Missouri	Dunklin	11,300	42.5
Missouri	265	Missouri	Saint Louis	149,112	27.33
Missouri	284	Missouri	Christian	20,000	35.33
Missouri	365	Missouri	New Madrid, Scott	17,000	42.33
Missouri	380	Missouri	Greene	22,818	52.33
Missouri	404	Missouri	Lincoln	3,282	37.33
Missouri	407	Missouri	Franklin	7,936	46
Missouri	424	Missouri	Johnson	14,477	23
Missouri	438	Missouri	Saint Charles	44,852	38
Missouri	441	Missouri	Howell	12,000	44.33

Missouri	63	Missouri	Polk	10,500	53.67
Missouri	68	Missouri	Taney	10,559	26.33
Missouri	824	Missouri	Adair	17,496	N/A
Missouri	858	Missouri	Jackson, Cass	367,300	22
Missouri	119	Missouri	Boone	123,180	29
Missouri	139	Missouri	Miller	4,895	56
Missouri	143	Missouri	Saint Francois	10,114	45
Missouri	171	Missouri	Marion, Ralls	16,000	16
Missouri	195	Missouri	Cass, Jackson, Johnson	490,000	31
Missouri	218	Missouri	Clay	35,300	24.33
Missouri	238	Missouri	Saline	10,113	73
Missouri	253	Missouri	Audrain	11,500	38
Missouri	266	Missouri	Jefferson, Saint Louis	24,174	16.33
Missouri	268	Missouri	Saint Louis	451,367	29.33
Missouri	280	Missouri	Vernon	8,082	24
Missouri	312	Missouri	Perry	9,000	44
Missouri	317	Missouri	Platte	8,000	49.67
Missouri	321	Missouri	Butler	17,000	32
Missouri	358	Missouri	Pettis	7,500	N/A
Missouri	359	Missouri	Pettis	8,250	16.67
Missouri	385	Missouri	Buchanan	27,000	N/A
Missouri	386	Missouri	Saint Charles	60,000	30.67
Missouri	429	Missouri	Franklin	15,000	31
Missouri	69	Missouri	Taney	6,155	31.67
Missouri	71	Missouri	Linn	3,979	26.5
Missouri	827	Missouri	Dent	4,512	66.67
Missouri	87	Missouri	Barry	3,300	41.67
Missouri	95	Missouri	Livingston	9,000	46.67
Missouri	114	Missouri	Henry	9,118	42
Missouri	130	Missouri	Stoddard	6,000	N/A
Missouri	132	Missouri	Saint Charles	58,776	51.33
Missouri	133	Missouri	Saint Charles	47,757	38.33
Missouri	156	Missouri	Madison	4,000	42.5
Missouri	191	Missouri	Newton	15,906	45
Missouri	197	Missouri	Clay, Platte	13,940	43.67
Missouri	199	Missouri	Platte, Clay	12,855	46.33
Missouri	213	Missouri	Barton	4,532	N/A
Missouri	240	Missouri	Webster	8,000	54.67
Missouri	242	Missouri	Nodaway	12,000	65.67
Missouri	259	Missouri	Barry, Lawrence	9,100	28.5
Missouri	264	Missouri	Saint Louis, Saint Louis City	306,647	29

Missouri	267	Missouri	Saint Louis	115,895	19.67
Missouri	269	Missouri	Jefferson, Saint Louis	66,738	26
Missouri	270	Missouri	Saint Louis, Saint Charles	174,537	23.67
Missouri	279	Missouri	Newton	12,000	30.67
Missouri	293	Missouri	Jefferson, Saint Louis	27,391	40.67
Missouri	294	Missouri	Saint Charles	16,000	N/A
Missouri	306	Missouri	Franklin, Saint Louis	7,001	46.33
Missouri	336	Missouri	Jefferson	12,293	N/A
Missouri	348	Missouri	Phelps	15,000	63
Missouri	360	Missouri	Pettis	10,730	33.67
Missouri	381	Missouri	Greene, Christian	151,966	N/A
Missouri	423	Missouri	Johnson	11,883	38.5
Missouri	64	Missouri	Saint Francois	7,165	64
Missouri	78	Missouri	Caldwell, Clinton, Dekalb	9,700	36
Missouri	81	Missouri	Cape Girardeau, Scott	33,540	47
Missouri	82	Missouri	Carroll	3,784	36.33
Missouri	83	Missouri	Jasper	12,000	36
Montana	562	Montana	Missoula	68,015	13.2
Montana	1032	Montana	Gallatin	3,000	17.5
Montana	977	Montana	Lewis And Clark	37,125	50
Montana	1176	Montana	Custer	8,800	37
Montana	1035	Montana	Gallatin	1,272	58.5
Montana	1310	Montana	Gallatin	50,000	new site
Montana	976	Montana	Lewis And Clark	2,273	29.67
Nebraska	1312	Nebraska	Keith	4,793	34.8
Nebraska	1331	Nebraska	York	8,000	28
Nebraska	918	Nebraska	Hall	52,000	62.4
Nebraska	922	Nebraska	Lancaster	100,000	73.6
Nebraska	925	Nebraska	Lancaster	200,000	71.6
Nebraska	1411	Nebraska	Saunders	4,800	new site
Nebraska	1493	Nebraska	Holt	3,700	new site
Nebraska	915	Nebraska	Dawes	5,561	N/A
Nebraska	920	Nebraska	Buffalo	33,790	48.4
Nebraska	987	Nebraska	Stanton, Madison	27,000	70.8
Nebraska	988	Nebraska	Lincoln	24,000	55.6
Nebraska	916	Nebraska	Platte	23,000	71.2
Nebraska	917	Nebraska	Dodge	28,000	83
Nebraska	919	Nebraska	Adams	24,692	82.2
Nebraska	921	Nebraska	Douglas	200,000	71.8
Nebraska	923	Nebraska	Douglas, Sarpy	600,000	76
Nebraska	924	Nebraska	Scotts Bluff	15,932	52

Nebraska	926	Nebraska	Wayne	5,560	79.2
Nevada	148	Nevada	Clark	1,001,800	N/A
Nevada	700	Nevada	Clark	15,500	N/A
Nevada	1082	Nevada	Clark	984,000	13.8
Nevada	554	Nevada	Washoe	200,000	30.8
Nevada	777	Nevada	Clark	246,258	11.2
Nevada	663	Nevada	Clark	265,000	10.6
Nevada	703	Nevada	Clark	650,000	11.6
New Hampshire	402	New Hampshire	Sullivan	6,500	40
New Hampshire	285	New Hampshire	Carroll	25,000	73
New Hampshire	497	New Hampshire	Merrimack	43,000	44
New Jersey	1322	New Jersey	Essex, Union	1,300,000	21.2
New Jersey	784	New Jersey	Somerset, Union, Middlesex	880,000	31.4
New Jersey	1385	New Jersey	Hudson	145,000	25
New Jersey	788	New Jersey	Passaic, Essex, Hudson, Bergen	1,500,000	15.6
New Jersey	1291	New Jersey	Passaic	54,000	25.8
New Jersey	1453	New Jersey	Monmouth	47,000	new site
New Jersey	784	New Jersey	Middlesex, Somerset, Union	880,000	N/A
New Mexico	853	New Mexico	Los Alamos	13,179	28.5
New Mexico	1386	New Mexico	Los Alamos	13,000	38.4
New Mexico	764	New Mexico	Bernalillo, Sandoval	650,000	9.25
New Mexico	1415	New Mexico	San Juan	55,000	new site
New York	485	New York	Kings	283,428	16.4
New York	487	New York	Queens	848,328	20
New York	503	New York	Queens	90,474	46.8
New York	553	New York	Kings	192,050	22.6
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	51.8
New York	1042	New York	Columbia	6,374	72.33
New York	1044	New York	Suffolk	24,147	35.8
New York	1045	New York	Essex	6,264	56.2
New York	1068	New York	Tompkins	56,967	79
New York	1099	New York	Wyoming	3,448	N/A
New York	1112	New York	Albany	109,426	54
New York	1150	New York	Suffolk	7,741	N/A
New York	123	New York	Steuben	10,605	73.86
New York	1325	New York	Franklin	4,918	46.25

New York	1335	New York	Chemung	38,037	new site
New York	1405	New York	Rockland	4,115	new site
New York	1486	New York	Westchester	40,301	new site
New York	1488	New York	Westchester	31,046	new site
New York	1504	New York	Sullivan	6,639	new site
New York	477	New York	Essex	3,076	71
New York	483	New York	Delaware	3,581	83.5
New York	515	New York	Madison	4,843	N/A
New York	519	New York	Orange	6,369	64.5
New York	522	New York	Orange	27,434	66.2
New York	524	New York	Orange	36,227	77.25
New York	531	New York	Jefferson	4,077	53.67
New York	532	New York	Onondaga	25,965	29.33
New York	580	New York	Monroe	43,074	49.2
New York	694	New York	Franklin	7,175	88.33
New York	695	New York	Oswego	14,199	87.67
New York	721	New York	Rensselaer	79,699	72.33
New York	722	New York	Saratoga	152,482	66.67
New York	723	New York	Seneca	6,961	59
New York	869	New York	Warren	23,462	56.67
New York	986	New York	Washington	12,260	61
New York	498	New York	Bronx	684,569	16.6
New York	500	New York	New York	588,772	23.4
New York	545	New York	Queens	728,123	18.2
New York	550	New York	Richmond	244,918	36.4
New York	551	New York	Kings	758,007	26.8
New York	1021	New York	Nassau	32,000	N/A
New York	1041	New York	Suffolk	346,000	N/A
New York	512	New York	Cayuga	33,000	N/A
New York	1010	New York	Monroe	155,096	59.4
New York	1021	New York	Nassau	20,616	76
New York	1041	New York	Suffolk	278,775	34.43
New York	1043	New York	Suffolk	3,349	65
New York	1098	New York	Sullivan	4,925	94
New York	1149	New York	Tioga	3,750	76
New York	1153	New York	Livingston	15,688	51.33
New York	1213	New York	Ontario	17,936	56
New York	1400	New York	Broome	24,672	60
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	1484	New York	Westchester	94,095	new site
New York	1485	New York	Westchester	78,683	new site
New York	426	New York	Orange	6,729	44
New York	479	New York	Chenango	6,734	71.33
New York	513	New York	Onondaga	30,613	28.33
New York	529	New York	Orange	8,568	78.8
New York	567	New York	Fulton	23,379	46.5
New York	689	New York	Tompkins	9,770	78
New York	690	New York	Cortland	26,950	83
New York	691	New York	Herkimer	13,924	N/A
New York	718	New York	Putnam	3,656	49
New York	719	New York	Nassau	24,041	74
New York	739	New York	Orange	42,921	59.75
New York	742	New York	Albany	80,922	73
New York	776	New York	Ulster	26,599	59
New York	836	New York	Nassau	611,349	50.67
New York	837	New York	Rockland	53,437	N/A

New York	838	New York	Rockland	207,430	67
New York	974	New York	Yates	5,339	33.33
New York	505	New York	Queens	410,812	16.4
New York	509	New York	New York	588,772	26
New York	541	New York	Kings	596,326	37.4
New York	549	New York	Kings	1,068,012	30.6
New York	552	New York	Richmond	198,128	30.2
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	71.6
New York	1030	New York	Broome	38,726	34.5
New York	1078	New York	Wayne	8,931	82.33
New York	1097	New York	Dutchess	38,207	N/A
New York	1151	New York	Oneida	27,849	71.33
New York	1170	New York	Greene	4,896	20
New York	1242	New York	Schoharie	5,326	75.67
New York	1306	New York	Nassau	524,955	66.67
New York	1336	New York	Chemung	18,085	new site
New York	1400	New York	Broome	52,501	42.2
New York	1401	New York	Rockland	36,527	new site
New York	1402	New York	Clinton	20,893	new site
New York	1483	New York	Westchester	26,651	new site
New York	1487	New York	Westchester	44,876	new site
New York	1489	New York	Westchester	523,765	new site
New York	512	New York	Cayuga	31,814	71.33
New York	514	New York	Onondaga	16,168	61.67
New York	516	New York	Madison	4,908	N/A
New York	517	New York	Livingston	4,730	70.67
New York	518	New York	Steuben	5,162	43.33
New York	520	New York	Onondaga	39,352	68
New York	521	New York	Onondaga	242,377	62.5
New York	525	New York	Onondaga	50,727	36
New York	527	New York	Madison	9,207	N/A
New York	528	New York	Otsego	19,383	62
New York	52	New York	Steuben	5,941	67.6
New York	530	New York	Madison	3,317	N/A
New York	692	New York	Saint Lawrence	10,794	N/A
New York	693	New York	Ulster	10,577	55.33
New York	717	New York	Montgomery	19,679	80.67

New York	720	New York	Lewis	3,953	59.67
New York	738	New York	Putnam	4,480	70.33
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	500	New York City	New York	658,595	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	553	New York City	Kings	224,028	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	536	North Carolina	Swain, Jackson	12,000	39.8
North Carolina	539	North Carolina	Vance	15,000	37
North Carolina	575	North Carolina	Mitchell	3,500	57.75
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	46.2
North Carolina	166	North Carolina	Guilford	135,821	61
North Carolina	216	North Carolina	Scotland	15,527	11.75
North Carolina	271	North Carolina	Buncombe, Henderson	173,000	30.4
North Carolina	303	North Carolina	Orange, Durham	78,141	68.8
North Carolina	334	North Carolina	Wake	30,655	43.5
North Carolina	369	North Carolina	Orange, Durham	108,105	69.6
North Carolina	450	North Carolina	New Hanover	58,361	52.6
North Carolina	452	North Carolina	Forsyth	178,000	49
North Carolina	53	North Carolina	Carteret	3,500	46.25
North Carolina	85	North Carolina	Wake	74,331	38.67
North Carolina	92	North Carolina	Mecklenburg	68,685	64
North Carolina	94	North Carolina	Mecklenburg	120,000	51.75
North Carolina	1148	North Carolina	Surry	10,000	50
North Carolina	1179	North Carolina	Watauga	26,000	81.6
North Carolina	1220	North Carolina	Rowan	31,536	60
North Carolina	492	North Carolina	Henderson	16,000	19.2
North Carolina	537	North Carolina	Stanly	20,000	26.2
North Carolina	569	North Carolina	Greene, Lenoir	20,484	24.67
North Carolina	421	North Carolina	Duplin	10,000	N/A

North Carolina	704	North Carolina	Rowan	31,536	N/A
North Carolina	237	North Carolina	Mcdowell	8,459	59.8
North Carolina	345	North Carolina	Northampton, Halifax	14,320	59.2
North Carolina	405	North Carolina	Jackson	13,296	75.4
North Carolina	84	North Carolina	Wake	84,189	46
North Carolina	86	North Carolina	Wake	75,886	46.25
North Carolina	93	North Carolina	Mecklenburg	182,501	39.6
North Carolina	1223	North Carolina	Rowan	22,940	54.4
North Carolina	421	North Carolina	Duplin, Pender	10,000	60.8
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	67.25
North Carolina	167	North Carolina	Pitt	89,616	74
North Carolina	332	North Carolina	Wake	550,000	47.4
North Carolina	335	North Carolina	Wake	7,776	61
North Carolina	451	North Carolina	New Hanover	67,743	63.8
Ohio	112	Ohio	Wayne	27,000	84.8
Ohio	140	Ohio	Lorain	54,500	N/A
Ohio	157	Ohio	Sandusky	25,000	N/A
Ohio	186	Ohio	Lawrence	10,445	70
Ohio	205	Ohio	Hardin	8,500	65.67
Ohio	233	Ohio	Richland	52,000	N/A
Ohio	263	Ohio	Knox	18,000	N/A
Ohio	274	Ohio	Henry	12,246	N/A
Ohio	291	Ohio	Huron	17,000	N/A
Ohio	301	Ohio	Lucas	44,680	72
Ohio	304	Ohio	Butler	22,000	74.2
Ohio	326	Ohio	Scioto	20,366	N/A
Ohio	411	Ohio	Wyandot	6,700	N/A
Ohio	442	Ohio	Montgomery	113,629	N/A
Ohio	79	Ohio	Stark	85,000	84.67
Ohio	859	Ohio	Mercer	4,800	43
Ohio	773	Ohio	Brown	4,773	new site
Ohio	127	Ohio	Montgomery	226,729	48.4
Ohio	129	Ohio	Defiance	23,027	N/A
Ohio	134	Ohio	Montgomery	78,509	N/A
Ohio	214	Ohio	Fairfield	24,303	67
Ohio	228	Ohio	Lucas	195,577	65.25
Ohio	235	Ohio	Washington	15,284	N/A

Ohio	273	Ohio	Hamilton	125,247	61.2
Ohio	309	Ohio	Licking	3,300	57.8
Ohio	315	Ohio	Miami	20,581	59.8
Ohio	322	Ohio	Ottawa	7,000	44
Ohio	36	Ohio	Summit	377,378	N/A
Ohio	374	Ohio	Franklin	654,817	68
Ohio	388	Ohio	Jefferson	17,864	78.4
Ohio	395	Ohio	Hamilton	83,058	59.6
Ohio	398	Ohio	Lucas	372,208	N/A
Ohio	403	Ohio	Montgomery	65,000	N/A
Ohio	422	Ohio	Trumbull	68,874	N/A
Ohio	54	Ohio	Greene	46,160	N/A
Ohio	74	Ohio	Crawford	12,362	76.8
Ohio	868	Ohio	Wayne	6,500	N/A
Ohio	101	Ohio	Preble	8,400	22
Ohio	102	Ohio	Marion	36,000	N/A
Ohio	108	Ohio	Erie	55,000	69.4
Ohio	121	Ohio	Ashtabula	12,000	72.6
Ohio	124	Ohio	Coshocton	12,000	N/A
Ohio	131	Ohio	Tuscarawas	13,572	78
Ohio	141	Ohio	Belmont	13,169	81.8
Ohio	147	Ohio	Hancock	42,000	N/A
Ohio	168	Ohio	Darke	13,000	32.8
Ohio	170	Ohio	Butler	65,000	N/A
Ohio	187	Ohio	Franklin	645,940	N/A
Ohio	204	Ohio	Portage	29,000	90.4
Ohio	219	Ohio	Allen	61,000	N/A
Ohio	221	Ohio	Hamilton	200,666	55
Ohio	222	Ohio	Medina	35,000	N/A
Ohio	225	Ohio	Lorain	72,000	N/A
Ohio	241	Ohio	Union	24,677	N/A
Ohio	255	Ohio	Hamilton	566,136	59.6
Ohio	276	Ohio	Cuyahoga	313,158	N/A
Ohio	277	Ohio	Cuyahoga	524,154	N/A
Ohio	278	Ohio	Cuyahoga	103,379	N/A
Ohio	282	Ohio	Licking	45,000	N/A
Ohio	311	Ohio	Wood	21,000	N/A
Ohio	382	Ohio	Clark	88,710	N/A
Ohio	428	Ohio	Fayette	14,000	53.5
Ohio	43	Ohio	Fulton	6,000	N/A
Ohio	455	Ohio	Mahoning	65,469	N/A

Ohio	456	Ohio	Muskingum	47,500	N/A
Ohio	46	Ohio	Ashtabula	31,430	N/A
Ohio	48	Ohio	Athens	24,536	N/A
Ohio	67	Ohio	Wood	32,000	58.4
Ohio	73	Ohio	Williams	8,655	73.6
Ohio	975	Ohio	Greene	4,100	N/A
Ohio	98	Ohio	Pickaway	13,965	N/A
Oklahoma	769	Oklahoma	Comanche	93,000	35
Oklahoma	831	Oklahoma	Beckham	11,500	55
Oklahoma	809	Oklahoma	Murray	5,000	new site
Oklahoma	1264	Oklahoma	Carter	25,000	53.4
Oklahoma	767	Oklahoma	Garfield	51,000	43.6
Oregon	1200	Oregon	Multnomah, Washington	654,741	14
Oregon	797	Oregon	Clackamas	76,600	N/A
Oregon	934	Oregon	Benton	58,856	47
Oregon	936	Oregon	Lane	8,925	45.83
Oregon	942	Oregon	Washington	220,000	N/A
Oregon	943	Oregon	Washington	40,000	N/A
Oregon	945	Oregon	Multnomah	662,235	41.25
Oregon	947	Oregon	Lane	10,200	37.8
Oregon	949	Oregon	Washington	40,000	N/A
Oregon	955	Oregon	Yamhill	34,615	39.8
Oregon	959	Oregon	Umatilla	17,500	65.6
Oregon	961	Oregon	Marion	229,000	N/A
Oregon	1164	Oregon	Clackamas, Washington	25,780	29.6
Oregon	1201	Oregon	Washington, Multnomah, Clackamas	45,600	24
Oregon	774	Oregon	Clackamas	4,000	N/A
Oregon	469	Oregon	Jackson	21,105	51.67
Oregon	931	Oregon	Baker	9,860	N/A
Oregon	932	Oregon	Deschutes	92,850	33.75
Oregon	933	Oregon	Clackamas	14,206	36.67
Oregon	935	Oregon	Polk	16,555	77.8
Oregon	937	Oregon	Lincoln	8,865	41.8
Oregon	939	Oregon	Lincoln	10,400	49.4
Oregon	940	Oregon	Deschutes	32,255	36
Oregon	941	Oregon	Marion	26,273	57
Oregon	950	Oregon	Josephine	37,725	40.75
Oregon	951	Oregon	Umatilla	18,775	59.8
Oregon	953	Oregon	Klamath	20,840	55
Oregon	956	Oregon	Jackson	133,708	54
Oregon	965	Oregon	Marion	10,520	N/A

Oregon	967	Oregon	Marion	10,840	52.67
Oregon	970	Oregon	Jefferson	3,200	36
Oregon	971	Oregon	Lane	235,155	44.6
Oregon	775	Oregon	Clackamas	103,800	N/A
Oregon	929	Oregon	Linn	57,785	50.2
Oregon	930	Oregon	Clatsop	11,326	N/A
Oregon	938	Oregon	Yamhill	24,120	44.67
Oregon	944	Oregon	Washington	9,900	N/A
Oregon	952	Oregon	Hood River	7,800	N/A
Oregon	957	Oregon	Coos	9,975	51
Oregon	958	Oregon	Malheur	10,966	63.4
Oregon	963	Oregon	Yamhill	6,100	N/A
Oregon	966	Oregon	Columbia	13,739	41.4
Pennsylvania	1388	Pennsylvania	Allegheny	22,000	37.8
Pennsylvania	1454	Pennsylvania	Bucks	55,000	new site
Pennsylvania	1366	Pennsylvania	Dauphin	124,000	24.29
Pennsylvania	1455	Pennsylvania	Delaware	6,800	new site
Pennsylvania	1161	Pennsylvania	Lehigh	6,598	16
Pennsylvania	707	Pennsylvania	Montgomery	15,500	N/A
Pennsylvania	726	Pennsylvania	Montgomery	13,000	N/A
Pennsylvania	1358	Pennsylvania	Cumberland	25,000	46.57
Pennsylvania	1369	Pennsylvania	Westmoreland	25,000	64.71
Pennsylvania	1370	Pennsylvania	Lehigh	200,000	47.71
Pennsylvania	1375	Pennsylvania	York	85,000	N/A
Pennsylvania	1390	Pennsylvania	Monroe	25,000	28.43
Pennsylvania	1081	Pennsylvania	Montgomery	13,000	50.6
Pennsylvania	1083	Pennsylvania	Montgomery	10,000	17.8
Pennsylvania	125	Pennsylvania	Allegheny, Butler	41,000	35.75
Pennsylvania	1473	Pennsylvania	Westmoreland	32,000	new site
Pennsylvania	1357	Pennsylvania	Montgomery	30,000	29.29
Pennsylvania	1359	Pennsylvania	Erie	200,000	61.14
Pennsylvania	1367	Pennsylvania	Franklin	67,000	47.29
Pennsylvania	1375	Pennsylvania	York	85,000	new site
Pennsylvania	1376	Pennsylvania	Westmoreland	4,600	46.14
Rhode Island	835	Rhode Island	Bristol	11,000	71.6
Rhode Island	1224	Rhode Island	Kent	33,000	48.2
Rhode Island	464	Rhode Island	Providence	240,000	58.8
Rhode Island	548	Rhode Island	Providence	120,000	57.4
Rhode Island	76	Rhode Island	Providence	10,000	90
Rhode Island	412	Rhode Island	Providence	20,000	N/A
Rhode Island	1134	Rhode Island	Kent	60,224	42.8

Rhode Island	565	Rhode Island	Kent	6,000	23.6
Rhode Island	677	Rhode Island	Bristol	21,100	33.2
Rhode Island	474	Rhode Island	Providence, Kent	80,000	N/A
Rhode Island	565	Rhode Island	Kent	6,000	N/A
South Carolina	1159	South Carolina	Florence, Darlington	45,000	40.8
South Carolina	600	South Carolina	Greenwood	48,000	40
South Carolina	877	South Carolina	Kershaw	8,825	N/A
South Carolina	878	South Carolina	Charleston	64,170	N/A
South Carolina	883	South Carolina	York	88,000	N/A
South Carolina	885	South Carolina	Georgetown	30,000	N/A
South Carolina	909	South Carolina	Horry	195,000	N/A
South Carolina	599	South Carolina	Greenwood	12,000	27.25
South Carolina	884	South Carolina	Greenville	400,000	N/A
South Carolina	906	South Carolina	Lexington	40,000	N/A
South Carolina	908	South Carolina	Richland	60,000	N/A
South Carolina	1265	South Carolina	Georgetown	12,000	42
South Carolina	491	South Carolina	Darlington	8,100	N/A
South Dakota	1165	South Dakota	Yankton	15,500	51.8
South Dakota	493	South Dakota	Beadle	13,289	53.6
South Dakota	1266	South Dakota	Lincoln, Minnehaha	215,000	36.4
South Dakota	672	South Dakota	Pennington	80,000	52.25
Tennessee	1329	Tennessee	Shelby	300,000	33.4
Tennessee	1283	Tennessee	Davidson	600,000	20
Tennessee	1323	Tennessee	Shelby	300,000	32.6
Tennessee	496	Tennessee	Bradley	52,000	34.25
Tennessee	1282	Tennessee	Davidson, Rutherford, Williamson	600,000	24
Tennessee	1445	Tennessee	Sumner	45,000	35
Texas	1210	Texas	Dallas	900,000	51.4
Texas	1494	Texas	Galveston	20,000	new site
Texas	593	Texas	Galveston	89,600	11
Texas	848	Texas	Bexar	630,000	16.25
Texas	863	Texas	Webb	30,000	61.8
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	N/A
Texas	149	Houston	Harris	4,170	N/A
Texas	160	Houston	Harris	40,689	N/A
Texas	183	Houston	Harris	16,804	N/A
Texas	290	Houston	Harris	95,600	N/A
Texas	307	Houston	Harris	5,497	N/A

Texas	35	Houston	Harris	551,150	N/A
Texas	40	Houston	Harris	117,968	N/A
Texas	435	Houston	Harris	33,645	N/A
Texas	439	Houston	Harris	85,129	N/A
Texas	97	Houston	Harris	37,359	N/A
Texas	1131	Texas	Kaufman	138,700	new site
Texas	1140	Texas	Travis	500,000	29.6
Texas	1231	Texas	Dallas	500,000	57
Texas	805	Texas	Dallas	900,000	37
Texas	811	Texas	Bexar	415,000	45
Texas	847	Texas	Bexar	230,000	47.5
Texas	113	Houston	Harris	3,825	N/A
Texas	201	Houston	Harris	124,000	N/A
Texas	207	Houston	Harris, Montgomery	52,055	N/A
Texas	250	Houston	Harris	20,161	N/A
Texas	289	Houston	Harris	19,867	N/A
Texas	350	Houston	Harris	20,608	N/A
Texas	366	Houston	Harris	109,414	N/A
Texas	367	Houston	Harris	109,414	N/A
Texas	406	Houston	Harris	59,188	N/A
Texas	434	Houston	Harris, Fort Bend	20,920	N/A
Texas	443	Houston	Harris	3,623	N/A
Texas	446	Houston	Harris	20,758	N/A
Texas	449	Houston	Harris	8,610	N/A
Texas	56	Houston	Harris	70,900	N/A
Texas	1141	Texas	Travis	510,000	17.8
Texas	566	Texas	El Paso	143,000	new site
Texas	566	Texas	El Paso	143,000	new site
Texas	667	Texas	Galveston	26,400	24.6
Texas	673	Texas	El Paso	436,000	10.5
Texas	681	Texas	El Paso	142,000	18.25
Texas	709	Texas	El Paso	170,000	N/A
Texas	865	Texas	Webb	120,000	60
Texas	867	Texas	Webb	140,000	31.2
Texas	593	Texas	Galveston	80,000	N/A
Texas	780	Texas	Hardin	29,500	N/A
Texas	165	Houston	Harris, Fort Bend	28,742	N/A
Texas	176	Houston	Harris	9,375	N/A
Texas	272	Houston	Harris	4,010	N/A
Texas	287	Houston	Harris	12,892	N/A
Texas	288	Houston	Harris	33,102	N/A

Texas	373	Houston	Harris	32,485	N/A
Texas	375	Houston	Harris	293,227	N/A
Texas	409	Houston	Harris	97,918	N/A
Utah	10	Utah	Cache	9,095	61.4
Utah	11	Utah	Salt Lake	89,507	38.2
Utah	11	Utah	Salt Lake, Utah	94,484	41.4
Utah	15	Utah	Grand, San Juan	9,896	38
Utah	16	Utah	Weber, Davis	228,700	45.8
Utah	18	Utah	Utah	102,624	53.2
Utah	19	Utah	Carbon	17,312	57
Utah	22	Utah	Summit	24,374	35.8
Utah	24	Utah	Davis	84,981	35.6
Utah	26	Utah	Utah	53,313	51
Utah	28	Utah	Salt Lake	209,645	52.8
Utah	2	Utah	Uintah	29,513	51.4
Utah	33	Utah	Utah	253,112	49
Utah	5	Utah	Iron	32,451	56.6
Utah	9	Utah	Davis, Weber	208,850	47.8
Utah	1270	Utah	Tooele	13,000	54.6
Utah	12	Utah	Cache	94,005	73.25
Utah	17	Utah	Utah	112,901	46.8
Utah	20	Utah	Utah	21,231	54.6
Utah	21	Utah	Duchesne	6,790	58.2
Utah	23	Utah	Summit	7,460	41
Utah	25	Utah	Davis	21,872	44.5
Utah	27	Utah	Washington	92,047	45.6
Utah	34	Utah	Box Elder	12,451	62.8
Utah	3	Utah	Box Elder	21,443	44.2
Utah	6	Utah	Davis	64,533	38.6
Utah	1077	Utah	Wasatch	19,936	27
Utah	1	Utah	Washington	24,970	43.4
Utah	29	Utah	Utah	12,510	59.4
Utah	30	Utah	Salt Lake	254,971	44.8
Utah	31	Utah	Utah	35,840	53.4
Utah	32	Utah	Tooele	36,244	40.6
Utah	7	Utah	Salt Lake	515,494	41.6
Vermont	1452	Vermont	Caledonia	3,500	new site
Vermont	701	Vermont	Chittenden	8,500	51.33
Vermont	1080	Vermont	Chittenden	31,000	23
Vermont	770	Vermont	Franklin	7,500	40.6
Vermont	1157	Vermont	Bennington	15,000	45.8

Vermont	796	Vermont	Windsor	9,000	N/A
Virginia	1275	Virginia	Hampton City, Newport News City	141,543	43.2
Virginia	540	Virginia	Henry	16,000	62
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	28
Virginia	177	Virginia	Chesapeake City, Norfolk City, Virginia Beach City	530,848	44.5
Virginia	178	Virginia	Isle Of Wight, Suffolk City, Chesapeake City, Portsmouth City	197,608	17
Virginia	220	Virginia	Stafford	44,000	46.67
Virginia	262	Virginia	Albemarle	118,266	80.33
Virginia	308	Virginia	Frederick	16,563	new site
Virginia	310	Virginia	Radford, Pulaski, Montgomery	70,000	78.33
Virginia	342	Virginia	Richmond City, Goochland, Henrico	225,000	new site
Virginia	38	Virginia	Alexandria City, Fairfax	300,000	42
Virginia	410	Virginia	Prince William, Fauquier, Manassas Park City, Fairfax, Fairfax City, Loudoun, Manassas City	350,000	43.33
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	82
Virginia	1113	Virginia	Arlington	207,627	12.6
Virginia	1195	Virginia	Norfolk City	78,322	30
Virginia	1197	Virginia	York	118,497	17.6
Virginia	1202	Virginia	Frederick	51,470	41.6
Virginia	1211	Virginia	York, Gloucester, Mathews	99,112	16
Virginia	1218	Virginia	Petersburg City	30,000	49.6
Virginia	1259	Virginia	Clifton Forge City	5,000	69
Virginia	1338	Virginia	Mecklenburg	5,300	61.6
Virginia	100	Virginia	Pittsylvania	47,000	N/A
Virginia	169	Virginia	Fairfax, Prince William, Stafford	165,901	68.33
Virginia	181	Virginia	Williamsburg City, Newport News City, York, New Kent, James City	69,059	71.5
Virginia	308	Virginia	Frederick	16,563	48
Virginia	342	Virginia	Goochland, Henrico, Richmond City	225,000	28.33
Virginia	346	Virginia	Botetourt, Roanoke, Roanoke City, Salem	300,000	73.67
Virginia	400	Virginia	Montgomery	23,000	N/A

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	1160	Virginia	Hanover	20,000	29.2
Virginia	1198	Virginia	Wise	9,340	43.2
Virginia	1272	Virginia	Franklin	5,000	45.4
Virginia	892	Virginia	Colonial Heights City, Petersburg City, Prince George, Chesterfield, Dinwiddie	65,000	39.8
Virginia	469	Virginia	Hanover	12,000	N/A
Virginia	180	Virginia	Chesapeake City, Virginia Beach City, Norfolk City, Portsmouth City	192,347	59
Virginia	229	Virginia	Amherst, Bedford, Campbell	220,000	77.5
Virginia	286	Virginia	Harrisonburg City, Rockingham	81,000	79
Virginia	42	Virginia	Prince William, Stafford	92,000	57
Virginia	454	Virginia	Washington	7,300	46

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	1084	Washington	Clark	120,000	16.25
Washington	499	Washington	Clark	162,100	31.2
Washington	510	Washington	Clark	81,140	18
Washington	504	Washington	Clark	120,000	N/A
Washington	708	Washington	Snohomish	3,700	N/A
Washington	725	Washington	Clark	25,457	N/A
Washington	1076	Washington	Chelan	35,550	10.25
Washington	1143	Washington	Pierce	43,000	31
Washington	1397	Washington	Pierce	295,855	48
Washington	760	Washington	Spokane	120,000	59.43
Washington	661	Washington	Snohomish	37,650	20.8
Washington	676	Washington	Snohomish, King	288,000	14.4
Washington	502	Washington	Clark	6,875	N/A
Washington	664	Washington	Snohomish	10,500	N/A
Washington	1398	Washington	Grant	8,475	32.75
Washington	754	Washington	Benton	59,609	N/A
Washington	755	Washington	Benton	15,000	49.4
Washington	758	Washington	Benton	83,000	68.43
Washington	1139	Washington	King, Pierce	896,000	14.4
Washington	1142	Washington	King, Snohomish	789,000	10.75
Washington	555	Washington	Snohomish	20,000	16.75
Washington	679	Washington	Snohomish	7,125	15.4
Washington	768	Washington	Snohomish	173,800	4.25
Washington	804	Washington	Clark	16,950	29.17
Washington	499	Washington	Clark	120,000	N/A
Washington	1399	Washington	Jefferson	10,000	22.6
Washington	753	Washington	Franklin	73,000	64.71
Washington	759	Washington	Spokane	225,000	54.57
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	N/A
West Virginia	601	West Virginia	Wayne, Cabell	56,000	N/A
West Virginia	912	West Virginia	Brooke	6,468	N/A
West Virginia	789	West Virginia	Raleigh	88,900	53.4
West Virginia	712	West Virginia	Raleigh	25,000	N/A
West Virginia	1248	West Virginia	Randolph	13,156	N/A
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	N/A
West Virginia	387	West Virginia	Monongalia	48,328	N/A
West Virginia	459	West Virginia	Kanawha	50,000	N/A
West Virginia	463	West Virginia	Marshall	12,000	N/A
West Virginia	465	West Virginia	Wood	48,050	N/A
West Virginia	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	N/A
West Virginia	460	West Virginia	Jefferson	17,000	N/A
Wisconsin	128	Wisconsin	Brown	43,000	54
Wisconsin	164	Wisconsin	Brown, Kewaunee	189,000	41.8
Wisconsin	203	Wisconsin	Kenosha	122,000	50.4
Wisconsin	209	Wisconsin	La Crosse	85,000	61
Wisconsin	243	Wisconsin	Juneau	4,400	57.67
Wisconsin	246	Wisconsin	Dunn	5,000	34.33
Wisconsin	248	Wisconsin	Lincoln	9,700	40.67
Wisconsin	256	Wisconsin	Ozaukee, Milwaukee	470,007	34.6
Wisconsin	257	Wisconsin	Waukesha, Milwaukee, Racine, Washington, Ozaukee	615,934	57
Wisconsin	260	Wisconsin	Green	11,000	55.8
Wisconsin	302	Wisconsin	Winnebago	78,300	33.6
Wisconsin	320	Wisconsin	Sheboygan	9,150	45
Wisconsin	325	Wisconsin	Columbia	11,000	26
Wisconsin	41	Wisconsin	Outagamie, Winnebago, Calumet	72,810	27.6
Wisconsin	433	Wisconsin	Marathon	42,350	42.5
Wisconsin	447	Wisconsin	Jefferson, Walworth	14,500	N/A
Wisconsin	115	Wisconsin	Waupaca	14,000	71.5
Wisconsin	120	Wisconsin	Columbia	6,900	47.5
Wisconsin	153	Wisconsin	Waukesha	51,000	45.8
Wisconsin	172	Wisconsin	Washington, Dodge	17,320	43
Wisconsin	223	Wisconsin	Columbia	3,100	56.33
Wisconsin	297	Wisconsin	Jefferson, Waukesha	22,300	28
Wisconsin	331	Wisconsin	Racine	139,000	39.8
Wisconsin	389	Wisconsin	Portage	27,000	45.6
Wisconsin	392	Wisconsin	Douglas	28,000	27.2
Wisconsin	1277	Wisconsin	Dane	360,000	32
Wisconsin	1349	Wisconsin	Rock	36,000	52
Wisconsin	473	Wisconsin	Marathon, Wood	19,684	N/A
Wisconsin	136	Wisconsin	Chippewa, Eau Claire	73,000	47.4
Wisconsin	182	Wisconsin	Saint Croix	14,000	56.2

Wisconsin	231	Wisconsin	Dane	345,000	30.67
Wisconsin	232	Wisconsin	Manitowoc	34,500	54.25
Wisconsin	236	Wisconsin	Marinette	11,000	51.8
Wisconsin	239	Wisconsin	Marathon, Wood	19,300	58.2
Wisconsin	313	Wisconsin	Marinette	3,500	61.33
Wisconsin	318	Wisconsin	Grant	11,000	33
Wisconsin	344	Wisconsin	Saint Croix, Pierce	15,900	70
Wisconsin	364	Wisconsin	Sheboygan	75,000	50.8
Wisconsin	391	Wisconsin	Dane	33,000	30
Wisconsin	420	Wisconsin	Vernon	4,400	45.2
Wisconsin	431	Wisconsin	Waukesha	72,000	N/A
Wisconsin	44	Wisconsin	Ashland	8,200	40.67
Wisconsin	60	Wisconsin	Jackson	5,000	52.6
Wisconsin	696	Wisconsin	Jefferson, Dodge	23,660	41.8

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.

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