Centers for Disease Control and Prevention
CDC 24/7: Saving Lives, Protecting People™

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 99,241,649
Case Trends

Deaths Total 1,080,472
Death Trends

Current **Hosp.** 30,253
Admission Trends

13.5% of People 5+ with Updated Booster Dose

- Data Tracker Home
- Cases, Deaths, & Testing
- Case & Death Demographic Trends
- Vaccination Distribution & Coverage
- Vaccine Effectiveness & Breakthrough Surveillance
- Health Equity
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- Pregnancy
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- Health Care Settings
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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. To see a map of which SARS-CoV-2 variant is the most dominant at each wastewater sampling site, see CDC COVID Data Tracker: Summary of Variant Surveillance.

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

Post-COVID Conditions

Traveler-Based Genomic Surveillance

Other COVID-19 Data

Communications Resources

COVID-19 Home

✉ Get Email Updates

Sign up to receive the COVID Data Tracker Weekly Review.

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What's this?

Submit

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.

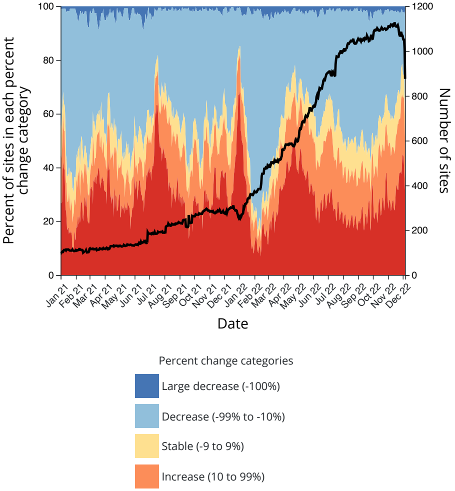
The percent change metric shows whether virus levels have increased or decreased at sites over the last 15 days.

- 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



🟥 Large increase (100% or more)

Number of sites —

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: Nov 22, 2022 – Dec 06, 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

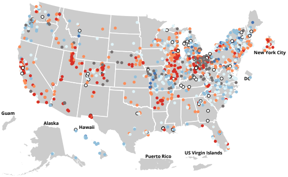
Show:

☑ 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	64	6	2%
🟦 0% to 19%	29	3	– 36%
🟦 20% to 39%	219	19	– 19%
⬜ 40% to 59%	307	27	– 9%
🟧 60% to 79%	310	27	– 3%
🟥 80% to 100%	211	19	62%

Total sites with current data: 1140

Total number of wastewater sampling sites: 1280

[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, December 9, 2022 2:46 PM ET. Posted: Friday, December 9, 2022 3:41 PM ET

Download Data

Jurisdiction	Sewershed ID	Reporting Jurisdiction	County	Population Served	Current Virus Levels (in %)
Alabama	1394	Alabama	Shelby	11,000	63.5
Alabama	1464	Alabama	Lee	72,000	68.5
Alabama	1664	Alabama	Jefferson	95,000	55.86
Alabama	1688	Alabama	Jefferson	77,000	51.86
Alabama	1719	Alabama	Jefferson	200,000	48.71
Alabama	1333	Alabama	Colbert	19,000	73.5
Alabama	1716	Alabama	Jefferson	30,000	65.17
Alabama	1718	Alabama	Jefferson	225,000	54.57
Alaska	1158	Alaska	Anchorage	15,000	46.75
Alaska	1172	Alaska	Anchorage	200,000	22.25
Alaska	1490	Alaska	Juneau	10,000	50
Alaska	1491	Alaska	Juneau	20,000	20.75
Arizona	1271	Arizona	Pima	23,000	90.75
Arizona	1327	Arizona	Mohave	30,000	66
Arizona	501	Arizona	La Paz	3,500	93
Arizona	808	Arizona	Mohave	37,500	68.5
Arizona	1054	Arizona	Yuma	10,873	41
Arizona	1055	Arizona	Yuma	4,725	N/A
Arizona	1212	Arizona	Maricopa	64,521	N/A
Arizona	1212	Arizona	Maricopa	6,500	N/A
Arizona	1334	Arizona	Maricopa	150,000	95.5
Arizona	1382	Arizona	Maricopa	50,000	94
Arizona	1383	Arizona	Maricopa	2,400,000	95.5
Arizona	590	Arizona	Pima	347,900	95.67
Arizona	715	Arizona	Pima	397,407	86.67
Arizona	1053	Arizona	Yuma	8,271	N/A
Arizona	1059	Arizona	Yuma	18,039	30.75
Arizona	1212	Arizona	Maricopa	17,280	N/A
Arizona	1212	Arizona	Maricopa	9,430	N/A
Arizona	1212	Arizona	Maricopa	9,848	N/A
Arizona	1212	Arizona	Maricopa	12,542	N/A
Arkansas	1461	Arkansas	Saline	35,000	72
Arkansas	1509	Arkansas	White	25,000	72.8

Arkansas	1536	Arkansas	Greene	29,000	78.33
Arkansas	1537	Arkansas	Benton	17,737	78.75
Arkansas	1544	Arkansas	Garland	92,000	90
Arkansas	1565	Arkansas	Ouachita	10,200	72
Arkansas	446	Arkansas	Pulaski	32,043	77.5
Arkansas	741	Arkansas	Mississippi	5,500	71
Arkansas	1442	Arkansas	Lonoke	27,000	82
Arkansas	1444	Arkansas	Pulaski	5,000	62.75
Arkansas	1462	Arkansas	Washington	93,949	74
Arkansas	1465	Arkansas	Washington	93,949	79
Arkansas	1472	Arkansas	Saint Francis	13,000	77.25
Arkansas	1540	Arkansas	Boone	14,000	50
Arkansas	1542	Arkansas	Pulaski	30,377	81.5
Arkansas	1543	Arkansas	Pulaski	23,812	89.5
Arkansas	1545	Arkansas	Pulaski	28,500	94
Arkansas	1546	Arkansas	Pulaski	18,463	85.5
Arkansas	1548	Arkansas	Jefferson	42,323	81.5
Arkansas	1550	Arkansas	Pope	31,000	81.5
Arkansas	1558	Arkansas	Hempstead	10,500	80.67
California	1219	California	Lake	5,000	60
California	1288	California	El Dorado	40,000	61.75
California	1320	California	Ventura	230,000	80.33
California	1387	California	Monterey	250,000	74.5
California	1443	California	Imperial	50,000	91.5
California	1561	California	San Luis Obispo	6,500	72.25
California	495	California	Santa Cruz	60,000	41.75
California	506	California	Los Angeles, Ventura	100,000	68.5
California	564	California	Alameda	60,000	71
California	570	California	Sonoma	220,000	55.75
California	724	California	Contra Costa	215,394	80.33
California	778	California	Lake	10,080	20.33
California	793	California	San Luis Obispo	39,000	49.75
California	802	California	Santa Cruz	85,000	58
California	803	California	Santa Cruz	150,000	61.75
California	1188	California	Ventura	220,000	N/A
California	1361	California	Stanislaus	86,000	37
California	1365	California	Yolo	3,272	45.38
California	1371	California	Merced	42,000	54.71
California	1372	California	Merced	91,000	59.88
California	1513	California	Kern	279,023	88.17
California	215	California	Los Angeles, Ventura	4,000,000	95.43
California	299	California	Orange	1,800,000	46.86
California	352	California	Santa Clara	110,338	75.58
California	356	California	San Bernardino	325,000	89
California	357	California	San Diego	2,200,000	75.71
California	363	California	San Mateo, San Francisco	750,000	78
California	383	California	Sacramento	1,480,000	80.64
California	393	California	San Mateo	199,000	82.46
California	77	California	Imperial	40,000	97.5
California	88	California	Contra Costa	487,300	74
California	1665	California	San Mateo	40,000	77.33
California	1668	California	Contra Costa	484,800	54.6
California	1669	California	Marin	104,250	39.25

California	1670	California	Marin	25,000	60.75
California	1676	California	San Luis Obispo	31,037	83
California	1677	California	San Mateo	150,000	57.43
California	1678	California	Santa Clara	160,000	35.2
California	1679	California	Santa Clara	160,000	63.4
California	1685	California	Alameda	740,000	69.43
California	1687	California	Sonoma	65,000	64.83
California	1693	California	Los Angeles	3,500,000	81.43
California	1694	California	Los Angeles	200,000	88
California	1698	California	Santa Barbara	69,290	69.86
California	1709	California	San Bernardino	890,000	79.67
California	1711	California	Marin	18,000	80.29
California	1712	California	San Mateo	28,000	42
California	1713	California	Napa	83,300	72.17
California	1717	California	Solano	121,000	84.14
California	1720	California	Contra Costa	100,000	64
California	1733	California	Alameda	47,229	new site
California	1734	California	Alameda	68,150	new site
California	834	California	Riverside	91,765	92.43
California	1173	California	Contra Costa	494,300	67.33
California	1199	California	Kings	59,000	25
California	1209	California	Marin	13,000	61.25
California	1230	California	San Luis Obispo	47,400	64.25
California	1409	California	San Bernardino	78,000	91.75
California	1560	California	San Luis Obispo	14,276	63.25
California	1593	California	San Luis Obispo	6,500	75.4
California	461	California	Humboldt	43,173	68.5
California	763	California	Santa Cruz	160,000	57
California	779	California	Los Angeles	200,000	87
California	834	California	Riverside	91,765	78.4
California	1019	California	Lake	13,200	83.4
California	126	California	Yolo	70,717	80.36
California	1373	California	Stanislaus	230,000	60.13
California	1377	California	Yolo	7,285	38.75
California	1378	California	Yolo	59,000	53.83
California	137	California	Alameda, Contra Costa	740,000	75.86
California	1524	California	Plumas	4,217	45.33
California	158	California	Fresno	650,000	90.5
California	211	California	Los Angeles	3,500,000	79.29
California	305	California	Santa Clara	236,000	80.36
California	353	California	Santa Clara	1,500,000	86.5
California	354	California	Santa Clara	153,000	86.6
California	362	California	San Francisco, San Mateo	250,000	80.62
California	362	California	San Mateo, San Francisco	210,000	87.17
California	59	California	Kern	168,750	79.4
California	1674	California	San Benito	42,000	89.14
California	1680	California	Sonoma	230,000	82.29
California	1684	California	San Diego	2,200,000	84.71
California	1690	California	Los Angeles	4,000,000	90.14
California	1695	California	Marin	30,000	66.57
California	1703	California	Marin	53,000	55.67
California	1732	California	Alameda	229,476	new site

California	1756	California	Monterey	262,000	new site
Colorado	1290	Colorado	Garfield	7,300	68.33
Colorado	1156	Colorado	Pitkin	5,714	59.33
Colorado	1407	Colorado	San Juan	3,000	new site
Colorado	142	Colorado	Larimer	5,818	32.75
Colorado	1451	Colorado	Chaffee	19,286	59.33
Colorado	150	Colorado	Larimer	17,997	86
Colorado	1515	Colorado	El Paso	4,779	new site
Colorado	1525	Colorado	Weld	13,779	82
Colorado	1588	Colorado	Douglas	14,286	60
Colorado	1592	Colorado	Montrose	30,857	new site
Colorado	161	Colorado	Garfield	16,714	86.67
Colorado	1748	Colorado	Delta	6,857	new site
Colorado	226	Colorado	Boulder	17,600	75
Colorado	227	Colorado	Larimer	66,428	75.33
Colorado	252	Colorado	Denver	709,904	62.67
Colorado	329	Colorado	Pueblo	96,514	88.33
Colorado	396	Colorado	San Miguel	15,000	42
Colorado	437	Colorado	Larimer	9,292	70
Colorado	47	Colorado	Pitkin	5,500	45.25
Colorado	556	Colorado	Morgan	12,000	71.25
Colorado	576	Colorado	Routt	43,741	N/A
Colorado	657	Colorado	Summit	28,571	81.75
Colorado	737	Colorado	Alamosa	18,364	87.5
Colorado	749	Colorado	Eagle	21,071	60.25
Colorado	751	Colorado	Mesa	89,286	90.8
Colorado	846	Colorado	Gunnison	30,000	64.75
Colorado	928	Colorado	Weld	20,000	89.2
Colorado	1704	Colorado	Douglas	35,000	76.6
Colorado	1705	Colorado	Douglas	25,000	56.17
Colorado	1111	Colorado	Teller	7,143	60.25
Colorado	1135	Colorado	Teller	6,379	58
Colorado	1154	Colorado	Pitkin	17,571	54.25
Colorado	116	Colorado	El Paso	102,203	78
Colorado	117	Colorado	El Paso	303,855	83
Colorado	122	Colorado	Summit	7,857	73
Colorado	1514	Colorado	El Paso	5,936	new site
Colorado	1517	Colorado	El Paso	19,286	14
Colorado	1518	Colorado	El Paso	19,286	N/A
Colorado	151	Colorado	Larimer	92,126	77.5
Colorado	152	Colorado	Larimer	26,621	71.5
Colorado	1563	Colorado	Elbert	3,571	46.5
Colorado	1591	Colorado	Otero	29,643	N/A
Colorado	163	Colorado	Weld	83,319	89
Colorado	251	Colorado	Denver	345,453	67
Colorado	368	Colorado	Adams	54,560	87.33
Colorado	370	Colorado	Larimer	23,193	N/A
Colorado	408	Colorado	Summit	35,643	70.25
Colorado	578	Colorado	Las Animas	14,286	N/A
Colorado	656	Colorado	La Plata	23,429	69
Colorado	66	Colorado	Boulder	89,383	49
Colorado	72	Colorado	Broomfield	53,355	86.33
Colorado	747	Colorado	Arapahoe	25,714	89.33
Colorado	748	Colorado	El Paso	34,286	89.33

Colorado	841	Colorado	Adams	21,429	85.67
Colorado	843	Colorado	Eagle	30,714	62.5
Colorado	844	Colorado	Eagle	19,286	47.67
Colorado	845	Colorado	Summit	14,286	75.5
Colorado	887	Colorado	Summit	18,571	88
Connecticut	1079	Connecticut	New Haven	228,000	65.25
Connecticut	1196	Connecticut	New Haven	19,500	68.5
Connecticut	1395	Connecticut	Fairfield	52,265	86.75
Connecticut	1612	Connecticut	Windham	10,000	47
Connecticut	1618	Connecticut	Hartford	25,000	46
Connecticut	291	Connecticut	Fairfield	75,000	89.5
Connecticut	771	Connecticut	Fairfield	120,000	78.5
Connecticut	806	Connecticut	Fairfield	65,000	78.5
Connecticut	1163	Connecticut	New London	22,000	55
Connecticut	534	Connecticut	Fairfield	100,000	81.25
Connecticut	686	Connecticut	New Haven	112,000	76.5
Connecticut	832	Connecticut	New London	40,000	61.25
Delaware	1184	Delaware	Kent	130,000	71.25
Delaware	1186	Delaware	Sussex	4,050	66.5
Delaware	1191	Delaware	Sussex	75,000	58.75
Delaware	1183	Delaware	Sussex	7,000	62.75
Delaware	1185	Delaware	Sussex	4,392	75.75
Delaware	1187	Delaware	New Castle	17,145	14
Delaware	1192	Delaware	Sussex	7,000	30.5
Delaware	1194	Delaware	New Castle	539,000	63.25
District of Columbia	486	District of Columbia	District Of Columbia	1,600,000	37
Florida	1392	Florida	Hillsborough	180,000	61.25
Florida	1408	Florida	Orange, Seminole	85,700	50.75
Florida	1501	Florida	Alachua	100,000	69.25
Florida	1502	Florida	Alachua	100,000	49.67
Florida	1551	Florida	Palm Beach	300,000	86.5
Florida	1552	Florida	Leon	200,000	87.67
Florida	1631	Florida	Orange	50,000	new site
Florida	511	Florida	Pinellas	103,000	25.75
Florida	574	Florida	Pinellas	220,000	41.75
Florida	706	Florida	Escambia	197,000	28
Florida	1144	Florida	Orange, Seminole	51,000	N/A
Florida	1145	Florida	Seminole	43,010	N/A
Florida	1686	Florida	Orange	195,299	32.6
Florida	1702	Florida	Orange	66,690	37.4
Florida	1715	Florida	Orange	183,009	52.4
Florida	1410	Florida	Palm Beach, Martin	96,136	63.25
Florida	1606	Florida	Lee	76,800	48.2
Florida	1613	Florida	Sarasota	100,000	80
Florida	668	Florida	Miami-Dade	920,528	59
Florida	669	Florida	Orange	277,823	26
Florida	670	Florida	Orange	59,587	28.5
Florida	671	Florida	Orange	463,672	41
Florida	711	Florida	Miami-Dade	829,725	60
Florida	781	Florida	Miami-Dade	776,150	59
Florida	1631	Florida	Orange	50,000	34.6

Florida	1699	Florida	Palm Beach	90,000	59.17
Florida	1735	Florida	Seminole	95,000	74.29
Georgia	1109	Georgia	Lowndes	65,000	25
Georgia	684	Georgia	Dekalb	325,000	50.5
Georgia	1072	Georgia	Gwinnett	650,000	47.6
Georgia	1074	Georgia	Paulding	8,000	41
Georgia	1169	Georgia	Clarke	56,500	78.75
Georgia	1724	Georgia	Forsyth	36,500	new site
Georgia	1666	Georgia	Fulton	73,821	69.57
Georgia	1692	Georgia	Fulton	84,486	63.29
Georgia	1714	Georgia	Muscogee	278,000	62.5
Georgia	1740	Georgia	Fulton	94,000	48.8
Georgia	1741	Georgia	Fulton	94,000	51.2
Georgia	1742	Georgia	Fulton	94,000	62.4
Georgia	476	Georgia	Richmond	197,191	42.4
Georgia	1071	Georgia	Paulding	10,000	47.5
Georgia	1073	Georgia	Cobb	190,000	89
Georgia	1309	Georgia	Newton	32,000	38
Georgia	1723	Georgia	Laurens	17,000	new site
Georgia	1728	Georgia	Cobb	190,000	new site
Georgia	1747	Georgia	Lowndes	19,400	new site
Georgia	1663	Georgia	Fulton	189,593	60.43
Georgia	1697	Georgia	Fulton	12,818	34.43
Guam	1440	Guam	Guam	66,000	42.5
Guam	1446	Guam	Guam	8,000	85.75
Guam	1448	Guam	Guam	105,000	38.25
Guam	1441	Guam	Guam	9,000	92.5
Guam	1450	Guam	Guam	7,000	87.5
Hawaii	1175	Hawaii	Maui	52,000	32.75
Hawaii	790	Hawaii	Honolulu	700,000	24.75
Hawaii	798	Hawaii	Honolulu	48,519	42.25
Hawaii	1181	Hawaii	Maui	59,000	35
Hawaii	1203	Hawaii	Honolulu	300,000	21.5
Hawaii	1204	Hawaii	Honolulu	109,236	18.75
Hawaii	1205	Hawaii	Maui	49,000	23.5
Hawaii	1208	Hawaii	Honolulu	20,800	39.75
Hawaii	1221	Hawaii	Hawaii	32,600	23.75
Hawaii	1286	Hawaii	Kauai	6,900	new site
Hawaii	1337	Hawaii	Hawaii	5,000	30.33
Hawaii	710	Hawaii	Kauai	10,000	36.25
Idaho	1023	Idaho	Latah	24,000	61.67
Idaho	1066	Idaho	Bonneville	60,000	N/A
Idaho	1129	Idaho	Kootenai	38,500	N/A
Idaho	1227	Idaho	Bannock	75,000	76
Idaho	1347	Idaho	Minidoka	6,200	57
Idaho	992	Idaho	Ada	167,500	82.33
Idaho	1672	Idaho	Kootenai	50,540	85.2
Idaho	1067	Idaho	Twin Falls	48,951	N/A
Idaho	1225	Idaho	Bingham	14,045	74.25
Idaho	1228	Idaho	Caribou	3,200	93.33
Idaho	1249	Idaho	Blaine	5,338	28.33
Idaho	1406	Idaho	Elmore	5,500	67.5
Idaho	818	Idaho	Ada	120,344	74

Illinois	682	Illinois	Cook	265,000	25.67
Illinois	683	Illinois	Cook	161,000	66
Illinois	1062	Illinois	Kendall	320,000	63
Illinois	1100	Illinois	Du Page	40,438	82.5
Illinois	1246	Illinois	Du Page	65,000	89.25
Illinois	1247	Illinois	Lake	80,000	83
Illinois	1252	Illinois	Du Page	59,805	89.25
Illinois	1316	Illinois	Will	50,244	76.8
Illinois	1326	Illinois	Saint Clair	85,593	57
Illinois	1586	Illinois	Mchenry	15,360	67.5
Illinois	1609	Illinois	Du Page	45,000	68.6
Illinois	462	Illinois	Winnebago	353,599	97.25
Illinois	602	Illinois	Union	4,442	N/A
Illinois	604	Illinois	Cass	5,446	55.2
Illinois	616	Illinois	Christian	12,663	89.4
Illinois	617	Illinois	Mchenry	78,261	66.6
Illinois	622	Illinois	Effingham	12,384	87
Illinois	623	Illinois	Clay	5,100	83.5
Illinois	624	Illinois	Stephenson	27,218	68.8
Illinois	626	Illinois	Knox	39,153	87.33
Illinois	627	Illinois	Morgan	23,818	76.67
Illinois	628	Illinois	Kankakee	56,317	94.33
Illinois	635	Chicago	Cook	23,475	38.4
Illinois	635	Illinois	Cook	1,134,897	70.43
Illinois	636	Illinois	Cook	110,394	90.43
Illinois	637	Illinois	Cook	13,098	70.14
Illinois	639	Illinois	Cook	1,127,736	75.57
Illinois	641	Illinois	Cook	217,106	86.57
Illinois	643	Illinois	Lake	55,735	74.75
Illinois	644	Illinois	Lake	105,208	94.75
Illinois	645	Illinois	Lake	126,629	81.25
Illinois	649	Illinois	Bureau	7,555	58
Illinois	650	Illinois	Adams	50,695	82
Illinois	651	Illinois	Carroll	5,615	49.75
Illinois	652	Illinois	Shelby	5,329	90.25
Illinois	653	Illinois	Macoupin	4,480	76.2
Illinois	654	Illinois	Whiteside	18,678	65.25
Illinois	674	Chicago	Cook	23,324	53.2
Illinois	674	Chicago	Cook	54,362	53
Illinois	675	Chicago	Cook	77,799	N/A
Illinois	731	Illinois	Bureau	5,400	76
Illinois	857	Illinois	Lawrence	4,399	N/A
Illinois	983	Illinois	Mchenry	15,000	69.6
Illinois	984	Illinois	Du Page	18,800	93
Illinois	1689	Illinois	Du Page	86,000	89.8
Illinois	462	Illinois	Winnebago	240,000	76.75
Illinois	546	Illinois	Kankakee	65,000	55.67
Illinois	1243	Illinois	Du Page	76,324	77
Illinois	1244	Illinois	Du Page	86,000	69.67
Illinois	1527	Illinois	Kendall	13,477	82.25
Illinois	1587	Illinois	Mchenry	10,240	91.5
Illinois	1610	Illinois	Washington	3,425	new site
Illinois	603	Illinois	Kane	11,290	83.25
Illinois	605	Illinois	Saint Clair	26,150	63

Illinois	606	Illinois	Saint Clair	26,150	81.4
Illinois	607	Illinois	Boone	25,134	72.8
Illinois	611	Illinois	Fulton	13,506	74.25
Illinois	612	Illinois	Greene	3,064	78.75
Illinois	619	Illinois	Vermilion	30,479	88
Illinois	620	Illinois	Macon	88,500	80.6
Illinois	621	Illinois	Perry	6,448	60.8
Illinois	625	Illinois	Jo Daviess	3,460	76
Illinois	631	Illinois	Mcdonough	22,004	72
Illinois	632	Illinois	Cook	270,647	87.57
Illinois	633	Illinois	Warren	10,836	58.5
Illinois	634	Illinois	Jefferson	21,169	81
Illinois	635	Chicago	Cook	3,816	31
Illinois	638	Illinois	Cook	1,127,737	87.14
Illinois	642	Illinois	Du Page	128,358	86.25
Illinois	647	Illinois	Peoria	157,379	96.75
Illinois	655	Illinois	Champaign	91,041	82
Illinois	675	Chicago	Cook	29,370	66.2
Illinois	675	Chicago	Cook	83,455	62.6
Illinois	675	Chicago	Cook	24,099	31.6
Illinois	697	Illinois	Rock Island	25,202	78.8
Illinois	698	Illinois	Rock Island	43,768	83.4
Illinois	699	Illinois	Tazewell	30,997	93.6
Illinois	871	Illinois	La Salle	18,307	89.6
Illinois	894	Illinois	Lee	15,115	73.75
Illinois	972	Illinois	Saint Clair	32,289	85.75
Illinois	978	Illinois	Mclean	42,000	70.8
Illinois	979	Illinois	Mclean	44,238	77.6
Illinois	980	Illinois	Mclean	44,237	82.2
Illinois	981	Illinois	De Kalb	43,862	81.8
Illinois	982	Illinois	Cook	1,263,110	93
Illinois	1721	Illinois	Du Page	63,000	83
Indiana	1267	Indiana	Kosciusko	21,600	71
Indiana	1273	Indiana	Dubois	16,000	34
Indiana	1289	Indiana	Vigo	58,500	38
Indiana	1350	Indiana	Allen	315,000	56.25
Indiana	1352	Indiana	Jefferson	16,000	59
Indiana	828	Indiana	Hamilton	86,000	37
Indiana	1456	Indiana	Clark	21,000	77.75
Indiana	1459	Indiana	Jasper	5,800	N/A
Indiana	1479	Indiana	Elkhart	35,000	67
Indiana	1481	Indiana	Marion	14,000	79
Indiana	1619	Indiana	Marion	800,000	61
Indiana	1681	Indiana	St Joseph	130,000	87.14
Indiana	1739	Indiana	Clark	25,000	59
Indiana	772	Indiana	Monroe	56,090	60
Indiana	1162	Indiana	Hamilton	98,000	42
Indiana	1269	Indiana	Lake	28,000	48.75
Indiana	1281	Indiana	Delaware	67,000	64.75
Indiana	1293	Indiana	St Joseph	130,000	59.25
Indiana	1314	Indiana	Wayne	36,000	45.25
Indiana	1318	Indiana	Huntington	17,612	27.5
Indiana	1319	Indiana	Howard	45,000	58.67
Indiana	678	Indiana	Bartholomew	49,000	28.25

Indiana	765	Indiana	Monroe	28,350	69
Indiana	772	Indiana	Monroe	67,500	37.5
Indiana	1458	Indiana	Noble	10,000	80
Indiana	1480	Indiana	Rush	6,208	N/A
Indiana	1482	Indiana	Porter	36,000	53.25
Indiana	1738	Indiana	Clark	25,000	66.67
Iowa	1303	Iowa	Woodbury	102,000	50
Iowa	1447	Iowa	Mahaska	5,201	57.25
Iowa	1449	Iowa	Mahaska	6,357	27.25
Iowa	544	Iowa	Johnson	75,849	33.67
Iowa	105	Iowa	Johnson	21,000	40.75
Iowa	1496	Iowa	Winneshiek	8,500	54
Kansas	1299	Kansas	Johnson	112,076	71.2
Kansas	1300	Kansas	Johnson	42,235	66.8
Kansas	1304	Kansas	Johnson	73,829	48.4
Kansas	807	Kansas	Ford	27,000	69.5
Kansas	833	Kansas	Shawnee	50,000	41.75
Kansas	1710	Kansas	Saline	47,000	27.29
Kansas	1292	Kansas	Johnson	66,377	48.5
Kansas	1305	Kansas	Johnson	54,985	71.4
Kansas	472	Kansas	Reno	40,000	75.5
Kansas	787	Kansas	Shawnee	90,000	47.75
Kansas	1696	Kansas	Douglas	800,000	68.83
Kentucky	1207	Kentucky	Carroll	3,000	N/A
Kentucky	1253	Kentucky	Boyd	32,575	N/A
Kentucky	1257	Kentucky	Magoffin	3,508	N/A
Kentucky	1579	Kentucky	Franklin	36,137	new site
Kentucky	1581	Kentucky	Jessamine	31,038	new site
Kentucky	902	Kentucky	Jefferson	295,910	N/A
Kentucky	903	Kentucky	Jefferson	32,460	N/A
Kentucky	904	Kentucky	Jefferson	31,269	N/A
Kentucky	905	Kentucky	Jefferson	349,850	N/A
Kentucky	1701	Kentucky	Jefferson	423,913	71
Kentucky	810	Kentucky	Estill	5,000	40
Kentucky	1254	Kentucky	Rowan	15,212	N/A
Kentucky	1255	Kentucky	Johnson	5,258	N/A
Kentucky	1580	Kentucky	Christian	33,426	new site
Kentucky	1582	Kentucky	Caldwell	6,108	new site
Kentucky	1583	Kentucky	Allen	4,557	new site
Kentucky	901	Kentucky	Jefferson	55,928	N/A
Louisiana	1107	Louisiana	East Baton Rouge	262,326	34.75
Louisiana	1116	Louisiana	East Baton Rouge	99,712	35.5
Louisiana	1229	Louisiana	Rapides	60,000	41.67
Louisiana	1615	Louisiana	Saint Tammany	15,000	64.5
Louisiana	1626	Louisiana	Jefferson	100,000	64
Louisiana	1633	Louisiana	Lafayette	40,000	new site
Louisiana	1650	Louisiana	Lafayette	27,000	new site
Louisiana	1651	Louisiana	Lafayette	10,000	new site
Louisiana	1652	Louisiana	Lafayette	47,000	new site
Louisiana	1659	Louisiana	Jefferson	100,000	new site
Louisiana	727	Louisiana	Orleans	998,000	29.33
Louisiana	1497	Louisiana	Jefferson	300,000	89
Louisiana	1614	Louisiana	Jefferson	65,364	80.67
Louisiana	1632	Louisiana	Iberia	20,000	83.5

Louisiana	1656	Louisiana	Jefferson	100,000	new site
Louisiana	792	Louisiana	Orleans	389,000	34
Maine	1206	Maine	York	21,000	10.5
Maine	560	Maine	Sagadahoc	8,514	36.5
Maine	716	Maine	Cumberland	8,500	60.5
Maine	1707	Maine	Cumberland	65,000	40
Maine	1754	Maine	Cumberland	10,000	new site
Maine	347	Maine	Knox	7,000	43
Maine	475	Maine	Piscataquis	900	10.5
Maine	484	Maine	Franklin	2,750	33.5
Maine	507	Maine	Oxford	1,000	54.25
Maine	65	Maine	Lincoln	1,759	67.75
Maryland	1261	Maryland	Anne Arundel	91,000	59.5
Maryland	1262	Maryland	Anne Arundel	11,000	38.25
Maryland	1284	Maryland	Anne Arundel	78,000	63.8
Maryland	1348	Maryland	Charles	88,500	79.25
Maryland	563	Maryland	Wicomico	37,000	50
Maryland	666	Maryland	Allegany	45,000	18.75
Maryland	1260	Maryland	Anne Arundel	89,000	37.75
Maryland	1268	Maryland	Anne Arundel	150,000	35.5
Maryland	1278	Maryland	Anne Arundel	22,000	69
Maryland	1285	Maryland	Anne Arundel	13,000	40.6
Maryland	547	Maryland	Howard	270,000	new site
Maryland	561	Maryland	Washington	90,000	58.25
Massachusetts	1330	Massachusetts	Worcester	3,000	38.25
Massachusetts	1495	Massachusetts	Worcester	42,000	61.75
Massachusetts	470	Massachusetts	Hampden	55,000	53.25
Massachusetts	1180	Massachusetts	Worcester	12,000	36.5
Massachusetts	1311	Massachusetts	Bristol	100,000	53.5
Massachusetts	1384	Massachusetts	Middlesex	180,000	60.25
Michigan	1036	Michigan	Allegan	5,500	31.8
Michigan	1040	Michigan	Ottawa	3,511	57
Michigan	1049	Michigan	Allegan	3,777	27.6
Michigan	1050	Michigan	Saint Joseph	10,681	19
Michigan	1089	Michigan	Chippewa	6,546	58.67
Michigan	1090	Michigan	Manistee	8,154	N/A
Michigan	1093	Michigan	Mackinac	3,460	41.33
Michigan	1104	Michigan	Mackinac	14,000	N/A
Michigan	1105	Michigan	Menominee	3,842	54
Michigan	1106	Michigan	Iosco	5,000	40
Michigan	1119	Michigan	Roscommon	5,398	new site
Michigan	1125	Michigan	Marquette	25,000	N/A
Michigan	1166	Michigan	Huron	4,000	50
Michigan	1214	Michigan	Kent	40,000	N/A
Michigan	1215	Michigan	Kent	41,000	N/A
Michigan	1216	Michigan	Midland	40,000	42
Michigan	1217	Michigan	Kent	145,000	68.5
Michigan	1239	Michigan	Isabella	7,615	38.5
Michigan	1585	Michigan	Kent	7,000	69
Michigan	1597	Michigan	Mecosta	21,000	new site
Michigan	1627	Michigan	Gogebic	6,500	new site
Michigan	1729	Michigan	Macomb	99,970	N/A
Michigan	1729	Michigan	Macomb	37,570	N/A
Michigan	1730	Michigan	Macomb	5,800	N/A

Michigan	1731	Michigan	Macomb	3,900	N/A
Michigan	761	Michigan	Lenawee	8,680	55.67
Michigan	762	Michigan	Washtenaw	330,000	59.2
Michigan	799	Michigan	Washtenaw	150,000	52.67
Michigan	822	Michigan	Delta	12,600	65
Michigan	861	Michigan	Saginaw	40,000	65.25
Michigan	888	Michigan	Calhoun	70,000	34.4
Michigan	889	Michigan	Ottawa	11,057	53.25
Michigan	890	Michigan	Ottawa	11,955	43.75
Michigan	891	Michigan	Kalamazoo	9,709	58
Michigan	891	Michigan	Kalamazoo	6,703	32.25
Michigan	891	Michigan	Kalamazoo	3,416	49.25
Michigan	891	Michigan	Kalamazoo	45,976	35.67
Michigan	891	Michigan	Kalamazoo	11,246	51.75
Michigan	891	Michigan	Kalamazoo	31,189	68.25
Michigan	891	Michigan	Kalamazoo	194,170	43.5
Michigan	895	Michigan	Bay	34,000	new site
Michigan	897	Michigan	Oakland, Macomb	1,482,000	23.75
Michigan	1671	Michigan	Washtenaw	125,000	39.14
Michigan	1018	Michigan	Bay	20,000	32.5
Michigan	1020	Michigan	Dickinson	3,200	88
Michigan	1039	Michigan	Saint Joseph	7,623	N/A
Michigan	1040	Michigan	Ottawa	3,535	30.25
Michigan	1040	Michigan	Ottawa	11,200	27.4
Michigan	1048	Michigan	Calhoun	6,964	38
Michigan	1086	Michigan	Ottawa	20,000	55.5
Michigan	1087	Michigan	Genesee	72,240	N/A
Michigan	1088	Michigan	Ottawa	25,000	71.5
Michigan	1091	Michigan	Schoolcraft	3,412	47.67
Michigan	1092	Michigan	Chippewa	15,000	62.33
Michigan	1096	Michigan	Muskegon	125,000	64.33
Michigan	1102	Michigan	Dickinson	13,500	75
Michigan	1121	Michigan	Saginaw	6,300	27.67
Michigan	1122	Michigan	Otsego	3,670	37.2
Michigan	1136	Michigan	Clare	3,042	30
Michigan	1138	Michigan	Isabella	25,629	47.5
Michigan	1155	Michigan	Tuscola	3,000	26.25
Michigan	1167	Michigan	Kent	15,000	55.25
Michigan	1168	Michigan	Kent	68,000	45.75
Michigan	1315	Michigan	Macomb	135,000	N/A
Michigan	1434	Michigan	Ingham	22,500	N/A
Michigan	1598	Michigan	Wexford	10,450	new site
Michigan	1599	Michigan	Eaton	9,074	24.4
Michigan	1600	Michigan	Mason	8,100	new site
Michigan	1729	Michigan	Wayne	5,190	N/A
Michigan	1729	Michigan	Oakland	3,080	N/A
Michigan	1729	Michigan	Oakland	5,800	N/A
Michigan	756	Michigan	Kent	265,000	31
Michigan	757	Michigan	Jackson	90,000	56.17
Michigan	800	Michigan	Genesee	95,000	73.39
Michigan	801	Michigan	Grand Traverse	45,000	34.5
Michigan	823	Michigan	Houghton	14,000	58.75
Michigan	860	Michigan	Gratiot	8,976	16
Michigan	874	Michigan	Emmet	7,900	41.8

Michigan	889	Michigan	Ottawa	6,657	50
Michigan	889	Michigan	Ottawa	6,524	57
Michigan	889	Michigan	Ottawa	45,608	29.4
Michigan	890	Michigan	Ottawa	15,498	23.5
Michigan	890	Michigan	Ottawa	8,278	36
Michigan	890	Michigan	Ottawa	36,912	35.8
Michigan	891	Michigan	Kalamazoo	12,366	47.25
Michigan	891	Michigan	Kalamazoo	14,378	N/A
Michigan	891	Michigan	Kalamazoo	39,068	52.25
Michigan	896	Michigan	Wayne, Macomb	492,000	35.5
Michigan	898	Michigan	Oakland, Wayne	840,600	19
Michigan	1682	Michigan	Macomb	140,000	76.43
Michigan	1691	Michigan	Jackson	90,000	64.83
Minnesota	783	Minnesota	Ramsey, Anoka, Dakota, Hennepin, Washington	1,950,000	80.75
Minnesota	849	Minnesota	Hennepin, Carver, Scott	300,000	34.5
Minnesota	494	Minnesota	Olmsted	120,000	69
Minnesota	1108	Minnesota	Dakota, Scott	250,000	39.75
Minnesota	993	Minnesota	Scott, Dakota	150,000	41.5
Minnesota	1675	Minnesota	Blue Earth	70,000	63.67
Mississippi	1393	Mississippi	Lafayette	27,662	54.75
Missouri	114	Missouri	Henry	9,118	16
Missouri	119	Missouri	Boone	123,180	33.33
Missouri	130	Missouri	Stoddard	6,000	N/A
Missouri	132	Missouri	Saint Charles	58,777	39.33
Missouri	133	Missouri	Saint Charles	47,758	32
Missouri	156	Missouri	Madison	4,000	33.33
Missouri	191	Missouri	Newton	15,906	41
Missouri	197	Missouri	Clay, Platte	13,940	26.67
Missouri	199	Missouri	Platte, Clay	12,855	42.33
Missouri	238	Missouri	Saline	10,113	N/A
Missouri	240	Missouri	Webster	8,000	48
Missouri	242	Missouri	Nodaway	12,000	N/A
Missouri	253	Missouri	Audrain	11,500	N/A
Missouri	259	Missouri	Barry, Lawrence	9,100	39.33
Missouri	264	Missouri	Saint Louis, Saint Louis City	306,647	37.33
Missouri	267	Missouri	Saint Louis	115,895	30.67
Missouri	268	Missouri	Saint Louis	451,367	33.33
Missouri	269	Missouri	Jefferson, Saint Louis	66,738	30
Missouri	270	Missouri	Saint Louis, Saint Charles	174,537	30
Missouri	279	Missouri	Newton	12,000	60.67
Missouri	293	Missouri	Jefferson, Saint Louis	27,391	N/A
Missouri	306	Missouri	Franklin, Saint Louis	7,001	N/A
Missouri	336	Missouri	Jefferson	12,293	N/A
Missouri	348	Missouri	Phelps	15,000	40.67
Missouri	355	Missouri	Andrew	4,572	new site
Missouri	358	Missouri	Pettis	7,500	N/A
Missouri	360	Missouri	Pettis	10,730	N/A
Missouri	385	Missouri	Buchanan	27,000	N/A
Missouri	386	Missouri	Saint Charles	60,000	37
Missouri	423	Missouri	Johnson	11,883	25.33
Missouri	429	Missouri	Franklin	15,000	23.33
Missouri	64	Missouri	Saint Francois	7,165	24

Missouri	69	Missouri	Taney	6,155	30.67
Missouri	71	Missouri	Linn	3,979	28.67
Missouri	78	Missouri	Caldwell, Clinton, Dekalb	9,700	42
Missouri	81	Missouri	Cape Girardeau, Scott	33,540	38
Missouri	82	Missouri	Carroll	3,784	11.33
Missouri	83	Missouri	Jasper	12,000	N/A
Missouri	87	Missouri	Barry	3,300	43
Missouri	95	Missouri	Livingston	9,000	N/A
Missouri	139	Missouri	Miller	4,895	48.67
Missouri	143	Missouri	Saint Francois	10,114	38.67
Missouri	159	Missouri	Callaway	12,790	40.33
Missouri	171	Missouri	Marion, Ralls	16,000	25.67
Missouri	190	Missouri	Cole, Callaway	41,153	49.33
Missouri	192	Missouri	Jasper	34,403	14
Missouri	194	Missouri	Clay, Platte	76,759	37
Missouri	195	Missouri	Cass, Jackson, Johnson	490,000	26
Missouri	196	Missouri	Jackson	25,000	29.33
Missouri	198	Missouri	Clay	12,000	36.67
Missouri	200	Missouri	Johnson, Jackson, Wyandotte	61,250	31.33
Missouri	202	Missouri	Dunklin	11,300	28
Missouri	218	Missouri	Clay	35,300	38.33
Missouri	265	Missouri	Saint Louis	149,112	36.67
Missouri	266	Missouri	Jefferson, Saint Louis	24,174	42.67
Missouri	280	Missouri	Vernon	8,082	16
Missouri	284	Missouri	Christian	20,000	40
Missouri	312	Missouri	Perry	9,000	31.33
Missouri	317	Missouri	Platte	8,000	N/A
Missouri	321	Missouri	Butler	17,000	N/A
Missouri	359	Missouri	Pettis	8,250	N/A
Missouri	365	Missouri	New Madrid, Scott	17,000	37.5
Missouri	380	Missouri	Greene	22,818	28.33
Missouri	404	Missouri	Lincoln	12,019	N/A
Missouri	407	Missouri	Franklin	7,936	42.33
Missouri	424	Missouri	Johnson	14,477	33.33
Missouri	438	Missouri	Saint Charles	44,852	36.33
Missouri	441	Missouri	Howell	12,000	31
Missouri	63	Missouri	Polk	10,500	23
Missouri	68	Missouri	Taney	10,559	28
Missouri	827	Missouri	Dent	4,512	47
Missouri	858	Missouri	Jackson, Cass	367,300	N/A
Montana	1176	Montana	Custer	8,800	72.75
Montana	1032	Montana	Gallatin	3,000	22.33
Montana	1035	Montana	Gallatin	1,272	6.67
Montana	1310	Montana	Gallatin	50,000	new site
Montana	976	Montana	Lewis And Clark	2,273	60.67
Montana	977	Montana	Lewis And Clark	37,125	43.67
Montana	562	Montana	Missoula	68,015	27
Nebraska	1493	Nebraska	Holt	3,700	N/A
Nebraska	916	Nebraska	Platte	23,000	76.25

Nebraska	917	Nebraska	Dodge	28,000	77
Nebraska	919	Nebraska	Adams	24,692	86.4
Nebraska	921	Nebraska	Douglas	200,000	82.25
Nebraska	923	Nebraska	Douglas, Sarpy	600,000	85.25
Nebraska	924	Nebraska	Scotts Bluff	15,932	74
Nebraska	926	Nebraska	Wayne	5,560	74.8
Nebraska	987	Nebraska	Stanton, Madison	27,000	87.6
Nebraska	988	Nebraska	Lincoln	24,000	N/A
Nebraska	1312	Nebraska	Keith	4,793	N/A
Nebraska	1411	Nebraska	Saunders	4,800	79.67
Nebraska	1331	Nebraska	York	8,000	65.2
Nebraska	915	Nebraska	Dawes	5,561	N/A
Nebraska	918	Nebraska	Hall	52,000	87
Nebraska	920	Nebraska	Buffalo	33,790	88.4
Nebraska	922	Nebraska	Lancaster	100,000	62.8
Nebraska	925	Nebraska	Lancaster	200,000	78.2
Nevada	1082	Nevada	Clark	984,000	79.25
Nevada	554	Nevada	Washoe	200,000	55.25
Nevada	703	Nevada	Clark	650,000	N/A
Nevada	777	Nevada	Clark	246,258	80.5
Nevada	663	Nevada	Clark	265,000	68
New Hampshire	285	New Hampshire	Carroll	25,000	48.25
New Hampshire	497	New Hampshire	Merrimack	43,000	49.5
New Hampshire	1706	New Hampshire	Merrimack	4,000	46.57
New Hampshire	497	New Hampshire	Merrimack	45,000	61
New Hampshire	402	New Hampshire	Sullivan	6,500	46.25
New Hampshire	1755	New Hampshire	Strafford	30,000	new site
New Jersey	1291	New Jersey	Passaic	54,000	89
New Jersey	1453	New Jersey	Monmouth	47,000	79.67
New Jersey	1616	New Jersey	Monmouth	40,000	59.8
New Jersey	788	New Jersey	Essex	1,500,000	67.2
New Jersey	1322	New Jersey	Essex, Union	1,300,000	82.5
New Jersey	1385	New Jersey	Hudson	145,000	85
New Jersey	1605	New Jersey	Bergen	564,563	52
New Jersey	784	New Jersey	Somerset, Union, Middlesex	880,000	65.25
New Jersey	788	New Jersey	Passaic, Essex, Hudson, Bergen	1,500,000	70.75
New Mexico	1386	New Mexico	Los Alamos	13,000	64.67
New Mexico	764	New Mexico	Bernalillo, Sandoval	650,000	74.5
New Mexico	854	New Mexico	Los Alamos	5,852	62.75
New Mexico	1415	New Mexico	San Juan	55,000	new site
New Mexico	853	New Mexico	Los Alamos	13,179	80.25
New York	1000	New York	Erie	17,983	0
New York	1002	New York	Erie	24,461	0
New York	1003	New York	Monroe	487,322	32
New York	1006	New York	Chautauqua	32,501	86.67
New York	1010	New York	Monroe	155,096	19
New York	1011	New York	Cattaraugus	17,760	61
New York	1012	New York	Erie	83,961	0

New York	1021	New York	Nassau	20,616	78
New York	1030	New York	Broome	38,726	33.33
New York	1041	New York	Suffolk	278,775	53.25
New York	1043	New York	Suffolk	3,349	40.5
New York	1078	New York	Wayne	8,931	26.67
New York	1097	New York	Dutchess	38,207	39.2
New York	1098	New York	Sullivan	4,925	39.5
New York	1149	New York	Tioga	3,750	59.33
New York	1151	New York	Oneida	27,849	42
New York	1153	New York	Livingston	15,688	38
New York	1170	New York	Greene	4,896	52.5
New York	1213	New York	Ontario	17,936	86.5
New York	1242	New York	Schoharie	5,326	N/A
New York	1306	New York	Nassau	524,955	50.67
New York	1336	New York	Chemung	18,085	25
New York	1400	New York	Broome	52,501	43
New York	1400	New York	Broome	24,672	72.5
New York	1401	New York	Rockland	36,527	67
New York	1402	New York	Clinton	20,893	33.67
New York	1403	New York	Rockland	12,676	86.5
New York	1483	New York	Westchester	26,651	52.2
New York	1485	New York	Westchester	78,683	52.75
New York	1487	New York	Westchester	44,876	60.8
New York	1489	New York	Westchester	523,765	56.8
New York	479	New York	Chenango	6,734	47.5
New York	512	New York	Cayuga	31,814	37
New York	514	New York	Onondaga	16,168	66.67
New York	516	New York	Madison	4,908	0
New York	517	New York	Livingston	4,730	61.5
New York	518	New York	Steuben	5,162	30.25
New York	520	New York	Onondaga	39,352	45.33
New York	521	New York	Onondaga	242,377	39.33
New York	525	New York	Onondaga	50,727	61.33
New York	527	New York	Madison	9,207	84
New York	528	New York	Otsego	19,383	30.33
New York	52	New York	Steuben	5,941	40.5
New York	530	New York	Madison	3,317	9
New York	567	New York	Fulton	23,379	67
New York	690	New York	Cortland	26,950	61.33
New York	691	New York	Herkimer	13,924	6.67
New York	692	New York	Saint Lawrence	10,794	32.33
New York	693	New York	Ulster	10,577	31
New York	717	New York	Montgomery	19,679	33.33
New York	718	New York	Schuyler, Putnam	3,656	N/A
New York	719	New York	Nassau	24,041	61.5
New York	720	New York	Lewis	3,953	50.33
New York	738	New York	Putnam	4,480	55.67
New York	739	New York	Orange	42,921	78.33
New York	740	New York	Oneida	33,358	new site
New York	742	New York	Albany	80,922	25
New York	836	New York	Nassau	611,349	21.33
New York	837	New York	Rockland	53,437	44
New York	838	New York	Rockland	207,430	44.5
New York	974	New York	Yates	5,339	76

New York	999	New York	Chautauqua	12,616	44.33
New York	1009	New York	Niagara	48,196	78
New York	1013	New York	Erie	71,131	49.33
New York	1013	New York	Erie	14,742	62.33
New York	1022	New York	Schenectady	78,444	46
New York	1042	New York	Columbia	6,374	N/A
New York	1044	New York	Suffolk	24,147	41.75
New York	1045	New York	Essex	6,264	38.4
New York	1068	New York	Tompkins	56,967	20
New York	1099	New York	Wyoming	3,448	84.33
New York	1112	New York	Albany	109,426	64.5
New York	1150	New York	Suffolk	7,741	51.33
New York	1171	New York	Schoharie	5,326	30.33
New York	123	New York	Steuben	10,605	23.25
New York	1325	New York	Franklin	4,918	28.75
New York	1335	New York	Chemung	38,037	17
New York	1404	New York	Rockland	10,890	50
New York	1405	New York	Rockland	4,115	27
New York	1460	New York	Orange	28,914	100
New York	1484	New York	Westchester	94,095	68.75
New York	1486	New York	Westchester	40,301	53.4
New York	1488	New York	Westchester	31,046	61.5
New York	1504	New York	Sullivan	6,639	73
New York	1538	New York	Sullivan	4,548	27.5
New York	1557	New York	Orange	6,563	new site
New York	426	New York	Orange	6,729	37.75
New York	477	New York	Essex	3,076	39.67
New York	483	New York	Delaware	3,581	54
New York	513	New York	Onondaga	30,613	51
New York	515	New York	Madison	4,843	32
New York	519	New York	Orange	6,369	66.67
New York	522	New York	Orange	27,434	36.75
New York	524	New York	Orange	36,227	19
New York	529	New York	Orange	8,568	35.25
New York	531	New York	Jefferson	4,077	34.67
New York	532	New York	Onondaga	25,965	74.67
New York	580	New York	Monroe	43,074	22.5
New York	689	New York	Tompkins	9,770	37.5
New York	694	New York	Franklin	7,175	37
New York	695	New York	Oswego	14,199	23.33
New York	721	New York	Rensselaer	79,699	54
New York	722	New York	Saratoga	152,482	43.67
New York	723	New York	Seneca	6,961	37
New York	776	New York	Ulster	26,599	45.5
New York	869	New York	Warren	23,462	25
New York	986	New York	Washington	12,260	16
New York	998	New York	Erie	431,141	59.33
New York City	498	New York City	Bronx	684,569	78.67
New York City	500	New York City	New York	588,772	73
New York City	505	New York City	Queens	410,812	77.33
New York City	509	New York City	New York	588,772	90
New York City	541	New York City	Kings	596,326	62.33
New York City	549	New York City	Kings	1,068,012	63
New York City	551	New York City	Kings	758,007	93.33

New York City	552	New York City	Richmond	198,128	40.33
New York City	485	New York City	Kings	283,428	92
New York City	487	New York City	Queens	848,328	89
New York City	503	New York City	Queens	90,474	92.33
New York City	545	New York City	Queens	728,123	56.33
New York City	550	New York City	Richmond	244,918	70.33
New York City	553	New York City	Kings	192,050	58.67
North Carolina	1148	North Carolina	Surry	10,000	25.33
North Carolina	1220	North Carolina	Rowan	31,536	71
North Carolina	1223	North Carolina	Rowan	22,940	35.33
North Carolina	537	North Carolina	Stanly	20,000	54.25
North Carolina	538	North Carolina	Pasquotank	18,000	N/A
North Carolina	569	North Carolina	Greene, Lenoir	20,484	22.8
North Carolina	111	North Carolina	Wilson	49,384	39.25
North Carolina	1521	North Carolina	Mecklenburg	82,158	58
North Carolina	1523	North Carolina	Durham	142,000	N/A
North Carolina	167	North Carolina	Pitt	89,616	32
North Carolina	237	North Carolina	Mcdowell	8,459	80.5
North Carolina	332	North Carolina	Wake	550,000	47.75
North Carolina	335	North Carolina	Wake	7,776	32.8
North Carolina	451	North Carolina	New Hanover	67,743	40
North Carolina	86	North Carolina	Wake	75,886	34.5
North Carolina	1179	North Carolina	Watauga	26,000	50.5
North Carolina	421	North Carolina	Duplin, Pender	10,000	45.25
North Carolina	492	North Carolina	Henderson	16,000	37
North Carolina	536	North Carolina	Swain, Jackson	12,000	35.33
North Carolina	539	North Carolina	Vance	15,000	45
North Carolina	575	North Carolina	Mitchell	3,500	50
North Carolina	144	North Carolina	Cumberland	151,589	42.5
North Carolina	1611	North Carolina	Davidson, Guilford	116,390	50.8
North Carolina	166	North Carolina	Guilford	135,821	36.5
North Carolina	216	North Carolina	Scotland	15,527	30
North Carolina	271	North Carolina	Buncombe, Henderson	173,000	35.75
North Carolina	303	North Carolina	Orange, Durham	78,141	29.5
North Carolina	334	North Carolina	Wake	30,655	48.8
North Carolina	345	North Carolina	Northampton, Halifax	14,320	45
North Carolina	369	North Carolina	Orange, Durham	108,105	40.5
North Carolina	405	North Carolina	Jackson	13,296	25.25
North Carolina	450	North Carolina	New Hanover	58,361	33.25
North Carolina	452	North Carolina	Forsyth	178,000	55
North Carolina	53	North Carolina	Carteret	3,500	36.75
North Carolina	84	North Carolina	Wake	84,189	36.4
North Carolina	85	North Carolina	Wake	74,331	41
North Carolina	92	North Carolina	Mecklenburg	68,685	48.6
North Carolina	93	North Carolina	Mecklenburg	182,501	44
North Carolina	94	North Carolina	Mecklenburg	120,000	51.75
North Carolina	1662	North Carolina	Forsyth	92,000	43.8
North Carolina	569	North Carolina	Lenoir	25,000	50.75
North Dakota	1463	North Dakota	Grand Forks	67,000	55
North Dakota	1471	North Dakota	Stark	25,679	67
Ohio	101	Ohio	Preble	8,400	83
Ohio	102	Ohio	Marion	36,000	N/A
Ohio	108	Ohio	Erie	55,000	82.75
Ohio	121	Ohio	Ashtabula	12,000	74.75

Ohio	124	Ohio	Coshocton	12,000	N/A
Ohio	129	Ohio	Defiance	23,027	new site
Ohio	131	Ohio	Tuscarawas	13,572	93.25
Ohio	134	Ohio	Montgomery	78,509	N/A
Ohio	141	Ohio	Belmont	13,169	96.67
Ohio	147	Ohio	Hancock	42,000	N/A
Ohio	1608	Ohio	Hocking	8,500	55.5
Ohio	168	Ohio	Darke	13,000	86.25
Ohio	170	Ohio	Butler	65,000	N/A
Ohio	187	Ohio	Franklin	645,940	N/A
Ohio	204	Ohio	Portage	29,000	90.5
Ohio	219	Ohio	Allen	61,000	N/A
Ohio	221	Ohio	Hamilton	200,666	94.75
Ohio	222	Ohio	Medina	35,000	N/A
Ohio	225	Ohio	Lorain	72,000	N/A
Ohio	228	Ohio	Lucas	195,577	78.25
Ohio	241	Ohio	Union	24,677	N/A
Ohio	255	Ohio	Hamilton	566,136	91.5
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	98
Ohio	322	Ohio	Ottawa	7,000	74.25
Ohio	374	Ohio	Franklin	654,817	72.25
Ohio	382	Ohio	Clark	88,710	N/A
Ohio	388	Ohio	Jefferson	17,864	83.67
Ohio	422	Ohio	Trumbull	68,874	N/A
Ohio	428	Ohio	Fayette	14,000	86.33
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	new site
Ohio	48	Ohio	Athens	24,536	N/A
Ohio	67	Ohio	Wood	32,000	97.25
Ohio	73	Ohio	Williams	8,655	89.33
Ohio	74	Ohio	Crawford	12,362	77.75
Ohio	975	Ohio	Greene	4,100	90.25
Ohio	98	Ohio	Pickaway	13,965	N/A
Ohio	112	Ohio	Wayne	27,000	93.67
Ohio	127	Ohio	Montgomery	226,729	96.5
Ohio	140	Ohio	Lorain	54,500	N/A
Ohio	157	Ohio	Sandusky	25,000	N/A
Ohio	186	Ohio	Lawrence	10,445	90.67
Ohio	205	Ohio	Hardin	8,500	97
Ohio	214	Ohio	Fairfield	24,303	97
Ohio	233	Ohio	Richland	52,000	N/A
Ohio	235	Ohio	Washington	15,284	N/A
Ohio	263	Ohio	Knox	18,000	N/A
Ohio	273	Ohio	Hamilton	125,247	86.33
Ohio	274	Ohio	Henry	12,246	N/A
Ohio	291	Ohio	Huron	17,000	N/A
Ohio	301	Ohio	Lucas	44,680	93
Ohio	304	Ohio	Butler	22,000	82

Ohio	309	Ohio	Licking	3,300	94
Ohio	315	Ohio	Miami	20,581	93
Ohio	326	Ohio	Scioto	20,366	76
Ohio	36	Ohio	Summit	377,378	new site
Ohio	395	Ohio	Hamilton	83,058	97.33
Ohio	398	Ohio	Lucas	372,208	73.75
Ohio	403	Ohio	Montgomery	65,000	new site
Ohio	411	Ohio	Wyandot	6,700	N/A
Ohio	442	Ohio	Montgomery	113,629	N/A
Ohio	54	Ohio	Greene	46,160	new site
Ohio	79	Ohio	Stark	85,000	N/A
Ohio	859	Ohio	Mercer	4,800	94.25
Ohio	868	Ohio	Wayne	6,500	N/A
Oklahoma	1264	Oklahoma	Carter	25,000	63.25
Oklahoma	767	Oklahoma	Garfield	51,000	48.2
Oklahoma	831	Oklahoma	Beckham	11,500	63
Oklahoma	769	Oklahoma	Comanche	93,000	63.33
Oregon	469	Oregon	Jackson	21,105	47.33
Oregon	929	Oregon	Linn	57,785	29
Oregon	930	Oregon	Clatsop	11,326	21.33
Oregon	931	Oregon	Baker	9,860	22.5
Oregon	933	Oregon	Clackamas	14,206	65.33
Oregon	937	Oregon	Lincoln	8,865	52.8
Oregon	938	Oregon	Yamhill	24,120	41.5
Oregon	939	Oregon	Lincoln	10,400	N/A
Oregon	941	Oregon	Marion	26,273	N/A
Oregon	944	Oregon	Washington	9,900	N/A
Oregon	950	Oregon	Josephine	37,725	60.75
Oregon	952	Oregon	Hood River	7,800	53.17
Oregon	957	Oregon	Coos	9,975	41.6
Oregon	958	Oregon	Malheur	10,966	41.8
Oregon	966	Oregon	Columbia	13,739	N/A
Oregon	970	Oregon	Jefferson	3,200	58.33
Oregon	1164	Oregon	Clackamas, Washington	25,780	53
Oregon	1200	Oregon	Multnomah, Washington	654,741	81
Oregon	1201	Oregon	Washington, Multnomah, Clackamas	45,600	71
Oregon	932	Oregon	Deschutes	92,850	29.6
Oregon	934	Oregon	Benton	58,856	32.14
Oregon	935	Oregon	Polk	16,555	56.4
Oregon	936	Oregon	Lane	8,925	34.5
Oregon	940	Oregon	Deschutes	32,255	22.2
Oregon	942	Oregon	Washington	220,000	N/A
Oregon	943	Oregon	Washington	40,000	N/A
Oregon	945	Oregon	Multnomah	662,235	32
Oregon	947	Oregon	Lane	10,200	N/A
Oregon	949	Oregon	Washington	40,000	N/A
Oregon	951	Oregon	Umatilla	18,775	35
Oregon	953	Oregon	Klamath	20,840	33.2
Oregon	955	Oregon	Yamhill	34,615	38.5
Oregon	956	Oregon	Jackson	133,708	30
Oregon	959	Oregon	Umatilla	17,500	N/A
Oregon	961	Oregon	Marion	229,000	N/A
Oregon	965	Oregon	Marion	10,520	26.2

Oregon	967	Oregon	Marion	10,840	36
Oregon	969	Oregon	Umatilla	7,605	N/A
Oregon	971	Oregon	Lane	235,155	42
Pennsylvania	1081	Pennsylvania	Montgomery	13,000	55
Pennsylvania	1083	Pennsylvania	Montgomery	10,000	25.5
Pennsylvania	125	Pennsylvania	Allegheny, Butler	41,000	41.33
Pennsylvania	1473	Pennsylvania	Westmoreland	32,000	37
Pennsylvania	1617	Pennsylvania	Lackawanna	88,000	66.5
Pennsylvania	1366	Pennsylvania	Dauphin	124,000	58.14
Pennsylvania	1368	Pennsylvania	Armstrong, Westmoreland	34,200	39.83
Pennsylvania	1375	Pennsylvania	York	85,000	N/A
Pennsylvania	1376	Pennsylvania	Westmoreland	4,600	53.33
Pennsylvania	1390	Pennsylvania	Lancaster, Monroe	25,000	81
Pennsylvania	1529	Pennsylvania	Indiana	28,809	18.29
Pennsylvania	1530	Pennsylvania	Centre	9,600	53
Pennsylvania	1161	Pennsylvania	Lehigh	6,598	89.6
Pennsylvania	1388	Pennsylvania	Allegheny	22,000	19.4
Pennsylvania	1454	Pennsylvania	Bucks	55,000	96.33
Pennsylvania	1357	Pennsylvania	Montgomery	30,000	36.29
Pennsylvania	1358	Pennsylvania	Cumberland	25,000	54.71
Pennsylvania	1359	Pennsylvania	Erie	200,000	41.86
Pennsylvania	1367	Pennsylvania	Franklin	67,000	73.33
Pennsylvania	1368	Pennsylvania	Armstrong, Westmoreland	34,200	N/A
Pennsylvania	1369	Pennsylvania	Westmoreland	25,000	61.4
Pennsylvania	1370	Pennsylvania	Lehigh	200,000	60.2
Pennsylvania	1375	Pennsylvania	York	85,000	71.5
Pennsylvania	1455	Pennsylvania	Delaware	6,800	47.5
Pennsylvania	1553	Pennsylvania	Mckean	14,194	30.25
Pennsylvania	1554	Pennsylvania	Mercer	16,000	36.29
Pennsylvania	1667	Pennsylvania	Dauphin	125,000	74.86
Pennsylvania	1737	Pennsylvania	Delaware	220,000	56
Rhode Island	1134	Rhode Island	Kent	60,224	57.5
Rhode Island	1224	Rhode Island	Kent	33,000	47.5
Rhode Island	548	Rhode Island	Providence	120,000	62
Rhode Island	565	Rhode Island	Kent	6,000	71.5
Rhode Island	677	Rhode Island	Bristol	21,100	69
Rhode Island	464	Rhode Island	Providence	240,000	71.75
Rhode Island	76	Rhode Island	Providence	10,000	66.25
Rhode Island	835	Rhode Island	Bristol	11,000	72.5
South Carolina	1265	South Carolina	Georgetown	12,000	59.5
South Carolina	1541	South Carolina	Horry	30,000	88
South Carolina	599	South Carolina	Greenwood	12,000	43
South Carolina	906	South Carolina	Lexington	40,000	55.5
South Carolina	1159	South Carolina	Florence, Darlington	45,000	37.25
South Carolina	1549	South Carolina	Greenville	140,280	77.75
South Carolina	600	South Carolina	Greenwood	48,000	57
South Carolina	877	South Carolina	Kershaw	8,825	48.25
South Carolina	878	South Carolina	Charleston	64,170	N/A
South Carolina	883	South Carolina	York	88,000	65
South Carolina	884	South Carolina	Greenville	400,000	61.75
South Carolina	885	South Carolina	Georgetown	30,000	57.5
South Carolina	908	South Carolina	Richland	60,000	70.25

South Carolina	909	South Carolina	Horry	195,000	48.75
South Carolina	1700	South Carolina	Greenville	142,376	new site
South Dakota	1266	South Dakota	Lincoln, Minnehaha	215,000	60
South Dakota	672	South Dakota	Pennington	80,000	45.8
South Dakota	1165	South Dakota	Yankton	15,500	49
South Dakota	493	South Dakota	Beadle	13,289	40.5
Tennessee	1282	Tennessee	Davidson, Rutherford, Williamson	600,000	33.25
Tennessee	1323	Tennessee	Shelby	300,000	63.5
Tennessee	1445	Tennessee	Sumner	45,000	62.5
Tennessee	1607	Tennessee	Chester	3,710	89.5
Tennessee	1283	Tennessee	Davidson	600,000	20
Tennessee	1329	Tennessee	Shelby	300,000	67
Tennessee	1508	Tennessee	Hawkins, Sullivan	60,500	60.6
Tennessee	1539	Tennessee	Sullivan	50,000	85
Tennessee	496	Tennessee	Bradley	52,000	49
Texas	1131	Texas	Kaufman	138,700	79.33
Texas	1141	Texas	Travis	510,000	49.5
Texas	1231	Texas	Dallas	500,000	50
Texas	1752	Texas	Tarrant	1,200,000	new site
Texas	566	Texas	El Paso	143,000	new site
Texas	566	Texas	El Paso	143,000	92.5
Texas	667	Texas	Galveston	26,400	25.25
Texas	673	Texas	El Paso	436,000	83.75
Texas	681	Texas	El Paso	142,000	70.75
Texas	709	Texas	El Paso	170,000	81.75
Texas	865	Texas	Webb	120,000	44
Texas	867	Texas	Webb	140,000	51
Texas	113	Houston	Harris	3,825	N/A
Texas	165	Houston	Harris, Fort Bend	28,742	51.67
Texas	176	Houston	Harris	9,375	39.67
Texas	272	Houston	Harris	4,010	49.33
Texas	287	Houston	Harris	12,892	38.67
Texas	288	Houston	Harris	33,102	49.67
Texas	350	Houston	Harris	20,608	72
Texas	373	Houston	Harris	32,485	50
Texas	375	Houston	Harris	293,227	42.5
Texas	409	Houston	Harris	97,918	60
Texas	434	Houston	Harris, Fort Bend	20,920	51.67
Texas	446	Houston	Harris	20,758	52.33
Texas	1673	Texas	Dallas	200,000	71
Texas	1683	Texas	Dallas	186,000	74.4
Texas	1140	Texas	Travis	500,000	39.75
Texas	1210	Texas	Dallas	900,000	61.2
Texas	1494	Texas	Galveston	20,000	78.67
Texas	593	Texas	Galveston	89,600	48.25
Texas	805	Texas	Dallas	900,000	53
Texas	811	Texas	Bexar	415,000	41
Texas	847	Texas	Bexar	230,000	64
Texas	848	Texas	Bexar	630,000	48.75

Texas	863	Texas	Webb	30,000	34.25
Texas	135	Houston	Harris	16,030	N/A
Texas	149	Houston	Harris	4,170	24.67
Texas	160	Houston	Harris	40,689	62.33
Texas	183	Houston	Harris	16,804	56.67
Texas	201	Houston	Harris	124,000	64.67
Texas	207	Houston	Harris, Montgomery	52,055	56
Texas	250	Houston	Harris	20,161	29.33
Texas	289	Houston	Harris	19,867	52.33
Texas	290	Houston	Harris	95,600	69.33
Texas	307	Houston	Harris	5,497	35
Texas	35	Houston	Harris	551,150	57.33
Texas	366	Houston	Harris	109,414	46.67
Texas	367	Houston	Harris	109,414	59
Texas	406	Houston	Harris	59,188	52
Texas	40	Houston	Harris	117,968	61.33
Texas	435	Houston	Harris	33,645	N/A
Texas	439	Houston	Harris	85,129	53.33
Texas	443	Houston	Harris	3,623	45.33
Texas	449	Houston	Harris	8,610	52.67
Texas	56	Houston	Harris	70,900	64.5
Texas	97	Houston	Harris	37,359	55.67
Utah	1077	Utah	Wasatch	19,936	80.5
Utah	17	Utah	Utah	112,901	89
Utah	1	Utah	Washington	24,970	85.75
Utah	23	Utah	Summit	7,460	78.25
Utah	25	Utah	Davis	21,872	86.33
Utah	27	Utah	Washington	92,047	84.25
Utah	29	Utah	Utah	12,510	83
Utah	30	Utah	Salt Lake	254,971	82.75
Utah	31	Utah	Utah	35,840	86
Utah	32	Utah	Tooele	36,244	77
Utah	34	Utah	Box Elder	12,451	75.67
Utah	3	Utah	Box Elder	21,443	86.75
Utah	6	Utah	Davis	64,533	88.5
Utah	7	Utah	Salt Lake	515,494	86.5
Utah	1736	Utah	Salt Lake	600,000	70.29
Utah	1270	Utah	Tooele	13,000	77.75
Utah	10	Utah	Cache	9,095	77
Utah	11	Utah	Salt Lake	89,507	85.25
Utah	11	Utah	Salt Lake, Utah	94,484	86.75
Utah	12	Utah	Cache	94,005	89.67
Utah	15	Utah	Grand, San Juan	9,896	75
Utah	16	Utah	Weber, Davis	228,700	88
Utah	18	Utah	Utah	102,624	86
Utah	19	Utah	Carbon	17,312	87
Utah	20	Utah	Utah	21,231	85.25
Utah	21	Utah	Duchesne	6,790	75.5
Utah	22	Utah	Summit	24,374	68
Utah	24	Utah	Davis	84,981	91.75
Utah	26	Utah	Utah	53,313	88
Utah	28	Utah	Salt Lake	209,645	89.25
Utah	2	Utah	Uintah	29,513	82
Utah	33	Utah	Utah	253,112	85

Utah	5	Utah	Iron	32,451	87.5
Utah	9	Utah	Davis, Weber	208,850	88.5
Utah	1708	Utah	Utah	115,000	90.4
Vermont	1157	Vermont	Bennington	15,000	37.5
Vermont	1751	Vermont	Chittenden	22,000	new site
Vermont	1753	Vermont	Windsor	4,500	new site
Vermont	1080	Vermont	Chittenden	31,000	50
Vermont	1452	Vermont	Caledonia	3,500	N/A
Vermont	1520	Vermont	Washington	15,000	new site
Vermont	701	Vermont	Chittenden	8,500	27.33
Vermont	770	Vermont	Franklin	7,500	62.25
Virginia	1160	Virginia	Hanover	20,000	49
Virginia	1195	Virginia	Norfolk City	78,322	46.25
Virginia	1197	Virginia	York	118,497	55
Virginia	1198	Virginia	Wise	9,340	10
Virginia	1211	Virginia	York, Gloucester, Mathews	99,112	50.2
Virginia	1218	Virginia	Petersburg City	30,000	28.25
Virginia	1272	Virginia	Franklin	5,000	27.25
Virginia	892	Virginia	Colonial Heights City, Petersburg City, Prince George, Chesterfield, Dinwiddie	65,000	41.5
Virginia	100	Virginia	Pittsylvania	47,000	N/A
Virginia	1528	Virginia	Stafford, Prince William, Fairfax	165,901	new site
Virginia	1528	Virginia	Fairfax, Prince William, Stafford	165,901	new site
Virginia	169	Virginia	Fairfax, Prince William, Stafford	165,901	50.33
Virginia	180	Virginia	Chesapeake City, Virginia Beach City, Norfolk City, Portsmouth City	192,347	46.67
Virginia	220	Virginia	Stafford	44,000	N/A
Virginia	229	Virginia	Amherst, Bedford, Campbell	220,000	45.5
Virginia	286	Virginia	Harrisonburg City, Rockingham	81,000	65.75
Virginia	342	Virginia	Goochland, Henrico, Richmond City	225,000	42.33
Virginia	346	Virginia	Botetourt, Roanoke, Roanoke City, Salem	300,000	37.75
Virginia	42	Virginia	Prince William, Stafford	92,000	N/A
Virginia	42	Virginia	Prince William, Stafford	92,000	80
Virginia	454	Virginia	Washington	7,300	89.33
Virginia	1113	Virginia	Arlington	207,627	58
Virginia	1202	Virginia	Frederick	51,470	83
Virginia	1259	Virginia	Clifton Forge City	5,000	61
Virginia	1275	Virginia	Hampton City, Newport News City	141,543	43.8
Virginia	1338	Virginia	Mecklenburg	5,300	32.5
Virginia	540	Virginia	Henry	16,000	52.75
Virginia	118	Virginia	Wise	14,000	54.33
Virginia	1576	Virginia	Newport News City, Hampton City	118,497	new site
Virginia	1576	Virginia	Hampton City, Newport News City	118,497	new site
Virginia	177	Virginia	Chesapeake City, Norfolk City, Virginia Beach City	530,848	43.33

Virginia	178	Virginia	Isle Of Wight, Suffolk City, Chesapeake City, Portsmouth City	197,608	39.33
Virginia	181	Virginia	Williamsburg City, Newport News City, York, New Kent, James City	69,059	42.5
Virginia	220	Virginia	Stafford	44,000	51
Virginia	229	Virginia	Campbell, Amherst, Bedford	220,000	new site
Virginia	262	Virginia	Albemarle	118,266	52.75
Virginia	308	Virginia	Frederick	16,563	30.5
Virginia	310	Virginia	Radford, Pulaski, Montgomery	70,000	42
Virginia	38	Virginia	Alexandria City, Fairfax	300,000	66.5
Virginia	400	Virginia	Montgomery	23,000	N/A
Virginia	410	Virginia	Prince William, Fauquier, Manassas Park City, Fairfax, Fairfax City, Loudoun, Manassas City	350,000	60.67
Virginia	51	Virginia	Loudoun	10,178	N/A
Virginia	61	Virginia	Montgomery	52,500	36
Washington	1139	Washington	King, Pierce	896,000	56.5
Washington	1142	Washington	King, Snohomish	789,000	59.5
Washington	499	Washington	Clark	162,100	62.5
Washington	555	Washington	Snohomish	20,000	70.33
Washington	661	Washington	Snohomish	37,650	53
Washington	676	Washington	Snohomish, King	288,000	35.75
Washington	679	Washington	Snohomish	7,125	48
Washington	768	Washington	Snohomish	173,800	42.75
Washington	804	Washington	Clark	16,950	62.75
Washington	1398	Washington	Grant	8,475	8.5
Washington	1399	Washington	Jefferson	10,000	60.67
Washington	1512	Washington	Whitman	35,812	93.67
Washington	753	Washington	Franklin	73,000	76.75
Washington	759	Washington	Spokane	225,000	76.67
Washington	1084	Washington	Clark	120,000	58.75
Washington	510	Washington	Clark	81,140	55.5
Washington	1076	Washington	Chelan	35,550	46.33
Washington	1143	Washington	Pierce	43,000	61
Washington	1397	Washington	Pierce	295,855	93.67
Washington	1635	Washington	Yakima	117,072	new site
Washington	754	Washington	Benton	59,609	N/A
Washington	755	Washington	Benton	15,000	55
Washington	758	Washington	Benton	83,000	68.5
Washington	760	Washington	Spokane	120,000	72
West Virginia	789	West Virginia	Raleigh	88,900	N/A
West Virginia	1248	West Virginia	Randolph	13,156	55.1
West Virginia	1628	West Virginia	Kanawha	9,000	72.67
West Virginia	387	West Virginia	Monongalia	48,328	67.69
West Virginia	459	West Virginia	Kanawha	50,000	N/A
West Virginia	460	West Virginia	Jefferson	17,000	N/A
West Virginia	463	West Virginia	Marshall	12,000	52.2
West Virginia	465	West Virginia	Wood	48,050	N/A
West Virginia	687	West Virginia	Harrison	26,498	47.57
West Virginia	735	West Virginia	Taylor	6,071	69.73
West Virginia	1250	West Virginia	Boone	4,555	51

West Virginia	1251	West Virginia	Lewis	10,364	new site
West Virginia	1332	West Virginia	Putnam	28,759	54.75
West Virginia	206	West Virginia	Mineral	8,168	73.82
West Virginia	445	West Virginia	Ohio	50,000	66.46
West Virginia	466	West Virginia	Mercer	36,000	N/A
West Virginia	601	West Virginia	Wayne, Cabell	56,000	44.78
West Virginia	912	West Virginia	Brooke	6,468	N/A
Wisconsin	1277	Wisconsin	Dane	360,000	46.25
Wisconsin	1349	Wisconsin	Rock	36,000	11
Wisconsin	115	Wisconsin	Waupaca	14,000	37.75
Wisconsin	136	Wisconsin	Chippewa, Eau Claire	73,000	38.4
Wisconsin	182	Wisconsin	Saint Croix	14,000	72.2
Wisconsin	231	Wisconsin	Dane	345,000	67.08
Wisconsin	232	Wisconsin	Manitowoc	34,500	58.25
Wisconsin	236	Wisconsin	Marinette	11,000	50
Wisconsin	239	Wisconsin	Marathon, Wood	19,300	48.6
Wisconsin	313	Wisconsin	Marinette	3,500	65.33
Wisconsin	318	Wisconsin	Grant	11,000	53.5
Wisconsin	331	Wisconsin	Racine	139,000	73.4
Wisconsin	344	Wisconsin	Saint Croix, Pierce	15,900	78.67
Wisconsin	364	Wisconsin	Sheboygan	75,000	55.4
Wisconsin	391	Wisconsin	Dane	33,000	90
Wisconsin	420	Wisconsin	Vernon	4,400	64.25
Wisconsin	44	Wisconsin	Ashland	8,200	51.33
Wisconsin	60	Wisconsin	Jackson	5,000	52.6
Wisconsin	696	Wisconsin	Jefferson, Dodge	23,660	66.8
Wisconsin	120	Wisconsin	Columbia	6,900	49.67
Wisconsin	128	Wisconsin	Brown	43,000	new site
Wisconsin	153	Wisconsin	Waukesha	51,000	new site
Wisconsin	164	Wisconsin	Brown, Kewaunee	189,000	62.2
Wisconsin	172	Wisconsin	Washington, Dodge	17,320	77.67
Wisconsin	203	Wisconsin	Kenosha	122,000	64
Wisconsin	209	Wisconsin	La Crosse	85,000	59.75
Wisconsin	223	Wisconsin	Columbia	3,100	44.67
Wisconsin	243	Wisconsin	Juneau	4,400	37.33
Wisconsin	246	Wisconsin	Dunn	5,000	73.67
Wisconsin	248	Wisconsin	Lincoln	9,700	68.33
Wisconsin	256	Wisconsin	Ozaukee, Milwaukee	470,007	new site
Wisconsin	257	Wisconsin	Waukesha, Milwaukee, Racine, Washington, Ozaukee	615,934	new site
Wisconsin	260	Wisconsin	Green	11,000	67.2
Wisconsin	297	Wisconsin	Jefferson, Waukesha	22,300	88.4
Wisconsin	302	Wisconsin	Winnebago	78,300	59.25
Wisconsin	320	Wisconsin	Sheboygan	9,150	75.67
Wisconsin	325	Wisconsin	Columbia	11,000	52.67
Wisconsin	389	Wisconsin	Portage	27,000	43.6
Wisconsin	392	Wisconsin	Douglas	28,000	61.2
Wisconsin	41	Wisconsin	Outagamie, Winnebago, Calumet	72,810	56.2
Wisconsin	432	Wisconsin	Waupaca	8,000	new site
Wisconsin	433	Wisconsin	Marathon	42,350	72.4
Wyoming	1353	Wyoming	Sheridan	20,000	55.4
Wyoming	188	Wyoming	Teton	13,036	23.25
Wyoming	1317	Wyoming	Sweetwater	12,000	65.6

Terms to Know

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

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

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

About the Data

[†]Data will update 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, December 12. https://covid.cdc.gov/covid-data-tracker

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