The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state, and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback. All inquiries and requests for information should be directed to https://www.cdc.gov/dcs/ContactUs/Form.
## COVID-19

### PENNSYLVANIA

#### STATE PROFILE REPORT | 10.08.2021

<table>
<thead>
<tr>
<th></th>
<th>STATE</th>
<th>STATE, % CHANGE FROM PREVIOUS WEEK</th>
<th>FEMA/HHS REGION</th>
<th>UNITED STATES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NEW COVID-19 CASES</strong></td>
<td>34,324</td>
<td>+7%</td>
<td>73,931</td>
<td>655,238</td>
</tr>
<tr>
<td>(RATE PER 100,000)</td>
<td>(268)</td>
<td></td>
<td>(240)</td>
<td>(197)</td>
</tr>
<tr>
<td><strong>NUCLEIC ACID AMPLIFICATION TEST (NAAT) POSITIVITY RATE</strong></td>
<td>8.9%</td>
<td>+0.2%*</td>
<td>7.5%</td>
<td>6.1%</td>
</tr>
<tr>
<td><strong>TOTAL NAAT VOLUME</strong></td>
<td>345,416</td>
<td>-5%**</td>
<td>977,943**</td>
<td>10,643,074**</td>
</tr>
<tr>
<td>(TESTS PER 100,000)</td>
<td>(2,698**)</td>
<td></td>
<td>(3,169**)</td>
<td>(3,206**)</td>
</tr>
<tr>
<td><strong>NEW COVID-19 DEATHS</strong></td>
<td>414</td>
<td>+12%</td>
<td>1,012</td>
<td>9,947</td>
</tr>
<tr>
<td>(RATE PER 100,000)</td>
<td>(3.2)</td>
<td></td>
<td>(3.3)</td>
<td>(3.0)</td>
</tr>
</tbody>
</table>

- * Indicates absolute change in percentage points.
- ** Due to delayed reporting, this figure may underestimate total diagnostic tests and week-on-week changes in diagnostic tests.

### DATA SOURCES

**Cases and Deaths:** State values are aggregated data provided by the states to the CDC. Historical reports of cases and deaths exceeding 1% of the total new cases or deaths reported in the US that day have been excluded. Data are through 10/7/2021; previous week is from 9/24 to 9/30.

**Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. The term Nucleic Acid Amplification Test (NAAT) includes RT-PCR and other testing methods. Test positivity through 10/5/2021; previous week is from 9/22 to 9/28. Test volume through 10/1/2021; previous week is from 9/18 to 9/24.

**Admissions:** Unified Hospitals Dataset in HHS Protect. Data are through 10/6, previous week is from 9/23 to 9/29.

**Shortages:** Unified Hospitals Dataset in HHS Protect. Values presented show the latest reports from hospitals in the week ending 10/6/2021 for staffing and the week ending 10/6/2021 for supplies.

**Vaccinations:** CDC COVID Data Tracker. Data includes the Moderna, Pfizer BioNTech, and J&J/Janssen COVID-19 vaccines and reflects current data available as of 11:38 EDT on 10/08/2021. Data last updated 06:00 EDT on 10/08/2021. People initiating vaccination include those who have received the first dose of the Moderna or Pfizer-BioNTech vaccine as well as those who have received one dose of the J&J/Janssen vaccine. Population denominators reflect the subset of the population of the corresponding age range.

**METHODS:** Details available on last two pages of report.
COVID-19 NEW CASES

PENNSYLVANIA
STATE PROFILE REPORT | 10.08.2021

DATA SOURCES
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes. All three trends share the same horizontal axis shown on the bottom figure.
Cases and Deaths: State values are aggregated data provided by the states to the CDC. Historical cases and deaths exceeding 1% of the total new cases or deaths reported in the US that day have been excluded. Data are through 10/7/2021.
METHODS: Details available on last two pages of report.
PA

PENNSYLVANIA

STATE PROFILE REPORT | 10.08.2021

STATE VACCINATION SUMMARY

COVID-19 DATA SOURCES

County reporting completeness for Pennsylvania is 94.4%.

Vaccinations: CDC COVID Data Tracker. Data includes the Moderna, Pfizer BioNTech, and J&J/Janssen COVID-19 vaccines and reflects current data available as of 11:38 EDT on 10/08/2021. Data last updated 06:00 EDT on 10/08/2021. Persons who are fully vaccinated include those who have received both doses of the Moderna or Pfizer-BioNTech vaccine as well as those who have received one dose of the J&J/Janssen vaccine. Allocations are made pro rata (equal based on population) from which jurisdictions are then to order.

METHODS: Details available on last two pages of report.
187 hospitals are expected to report in Pennsylvania

DATA SOURCES

Hospitalizations: Unified Hospitals Dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. Hospitals explicitly identified by states/regions as those from which we should not expect reports were excluded from the percent reporting figure. Data are through 10/6/2021.

PPE: Unified Hospitals Dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. Values presented show the latest reports from hospitals in the week ending 10/6/2021.

METHODS: Details available on last two pages of report.
COVID-19

PENNSYLVANIA
STATE PROFILE REPORT | 10.08.2021
COMMUNITY TRANSMISSION BY COUNTY AND METRO AREA

DATE: 10/8/2021

CATEGORIES AND METRO AREAS BY COMBINED TRANSMISSION LEVEL

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>LOW TRANSMISSION BLUE</th>
<th>MODERATE TRANSMISSION YELLOW</th>
<th>SUBSTANTIAL TRANSMISSION ORANGE</th>
<th>HIGH TRANSMISSION RED</th>
</tr>
</thead>
<tbody>
<tr>
<td># OF COUNTIES (CHANGE)</td>
<td>0 (0)</td>
<td>0 (0)</td>
<td>0 (0)</td>
<td>67 (0)</td>
</tr>
<tr>
<td># OF METRO AREAS (CHANGE)</td>
<td>0 (0)</td>
<td>0 (0)</td>
<td>0 (0)</td>
<td>37 (0)</td>
</tr>
</tbody>
</table>


DATA SOURCES
Maps and figures reflect 7-day average of data from 10/1-10/7 (cases), 9/29-10/5 (tests). Metro areas and counties are listed in order of the total number of cases in the last week from largest to smallest.
Note: Most recent days may have incomplete reporting.
Cases: County-level data are from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data are through 10/7/2021.
Combined Transmission Level: If the two indicators suggest different transmission levels, the higher level is selected. Previous week transmission levels are computed based on current data. See CDC COVID Data Tracker.
METHODS: Details available on last two pages of report.
PENNSYLVANIA
STATE PROFILE REPORT | 10.08.2021

CASE RATES, NAAT POSITIVITY, HOSPITAL ADMISSIONS, AND DEATH RATES

DATA SOURCES
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

Cases and Deaths: County-level data are from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data are through 10/7/2021.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. The term Nucleic Acid Amplification Test (NAAT) includes RT-PCR and other testing methods. Data are through 10/5/2021.

Hospitalizations: Unified Hospitals Dataset in HHS Protect. Totals include only confirmed COVID-19 admissions. Data are through 10/6/2021.

METHODS: Details available on last two pages of report.
COVID-19

National Picture: Vaccinations

PERCENT OF POPULATION FULLY VACCINATED

NATIONAL RANKING OF POPULATION FULLY VACCINATED

DATA SOURCES
Vaccinations: CDC COVID Data Tracker. Data includes the Moderna, Pfizer BioNTech, and J&J/Janssen COVID-19 vaccines and reflects current data available as of 11:38 EDT on 10/08/2021. Data last updated 06:00 EDT on 10/08/2021. Persons who are fully vaccinated include those who have received both doses of the Moderna or Pfizer BioNTech vaccine as well as those who have received one dose of the J&J/Janssen vaccine. Allocations are made pro rata (equal based on population) from which jurisdictions are then to order. The following states have ≤80% completeness reporting vaccinations by county, which may result in underestimates of vaccination data for counties: VT (74%), WV (60%), GA (57%), TX (0%), and HI (0%). Idaho provides vaccine data only for vaccine recipients who are 18 years and older, in line with state laws. COVID-19 vaccination administration data are unavailable for the Idaho population aged less than 18 years.

METHODS: Details available on last two pages of report.
COVID-19 National Picture: Vaccinations

**NATIONAL COVID-19 VACCINE SUMMARY AS OF 10/8**

<table>
<thead>
<tr>
<th>Category</th>
<th>Delivery Count</th>
<th>Administered Count</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DOSES DELIVERED</strong></td>
<td>485,713,525</td>
<td></td>
</tr>
<tr>
<td>146,301 per 100k</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DOSES ADMINISTERED</strong></td>
<td></td>
<td>400,669,422</td>
</tr>
<tr>
<td>120,685 per 100k</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PEOPLE RECEIVED AT LEAST ONE DOSE</strong></td>
<td>216,573,911</td>
<td>PEOPLE FULLY</td>
</tr>
<tr>
<td>65.2% of total pop.</td>
<td></td>
<td>VACCINATED</td>
</tr>
<tr>
<td><strong>PEOPLE 12-17 RECEIVED AT LEAST ONE DOSE</strong></td>
<td>14,582,344</td>
<td>PEOPLE 12-17 FULLY</td>
</tr>
<tr>
<td>57.7% of 12-17 pop.</td>
<td></td>
<td>VACCINATED</td>
</tr>
<tr>
<td><strong>PEOPLE 18+ RECEIVED AT LEAST ONE DOSE</strong></td>
<td>201,758,782</td>
<td>PEOPLE 18+ FULLY</td>
</tr>
<tr>
<td>78.1% of 18+ pop.</td>
<td></td>
<td>VACCINATED</td>
</tr>
<tr>
<td><strong>PEOPLE 65+ RECEIVED AT LEAST ONE DOSE</strong></td>
<td>51,862,523</td>
<td>PEOPLE 65+ FULLY</td>
</tr>
<tr>
<td>94.6% of 65+ pop.</td>
<td></td>
<td>VACCINATED</td>
</tr>
</tbody>
</table>

**ADDITIONAL DOSES** 7,284,455

**DAILY NATIONAL COUNT OF VACCINE DOSES ADMINISTERED BY DATE OF ADMINISTRATION**

DATA SOURCES
Vaccinations: [CDC COVID Data Tracker](https://covid.cdc.gov/covid-data-tracker). Data includes the Moderna, Pfizer BioNTech, and J&J/Janssen COVID-19 vaccines and reflects current data available as of 11:38 EDT on 10/08/2021. Data last updated 06:00 EDT on 10/08/2021. Persons who are fully vaccinated include those who have received both doses of the Moderna or Pfizer-BioNTech vaccine as well as those who have received one dose of the J&J/Janssen vaccine. Allocations are made pro rata (equal based on population) from which jurisdictions are then to order. On August 13, 2021, certain groups of fully vaccinated people were recommended for an additional dose of the COVID-19 vaccine. See also [ACIP COVID-19 Vaccine Recommendations](https://www.cdc.gov/covid-19/vaccination/acip-recommendations.html). Due to delays in reporting, data on doses administered in recent days (as reflected by lighter blue coloring in the Daily National Count figure) may be an underestimate of the actual value.

METHODS: Details available on last two pages of report.
National Picture: Vaccinations

NATIONAL SUMMARY OF VACCINATIONS BY RACE/ETHNICITY

Percent of Race/Ethnicity Group with At Least One Dose

61.4% race/ethnicity data availability

Percent of Race/Ethnicity Group Fully Vaccinated

65.2% race/ethnicity data availability

Race/Ethnicity Group
- AI/AN, NH
- NH/PI, NH
- Asian, NH
- Black, NH
- White, NH
- Hispanic/Latinx

NATIONAL SUMMARIES OF VACCINATIONS BY AGE

Percent of Age Group with At Least One Dose

91.9% age data availability

Percent of Age Group Fully Vaccinated

92.0% age data availability

Age Group
- 75+ years
- 65-74 years
- 50-64 years
- 40-49 years
- 25-39 years
- 18-24 years
- 16-17 years
- 12-15 years
- <12 years
- Adults ≥18 yrs
- All Ages

DATA SOURCES
Vaccinations: CDC COVID Data Tracker. Data includes the Moderna, Pfizer BioNTech, and J&J/Janssen COVID-19 vaccines and reflects current data available as of 11:38 EDT on 10/08/2021. Data last updated 06:00 EDT on 10/08/2021. Persons who are fully vaccinated include those who have received both doses of the Moderna or Pfizer-BioNTech vaccine as well as those who have received one dose of the J&J/Janssen vaccine. Allocations are made pro rata (equal based on population) from which jurisdictions are then to order. Race/Ethnicity data were available for 61.4% receiving at least one dose and 65.2% fully vaccinated. Age data were available for 91.9% receiving at least one dose and 92.0% fully vaccinated. Texas does not report demographic-specific dose number information to CDC, so data for Texas are not represented in demographic trends figures. “NH” stands for Non-Hispanic/Latinx, “AI/AN” stands for American Indian or Alaska Native, and “NH/PI” stands for Native Hawaiian or Pacific Islander.

METHODS: Details available on last two pages of report.
National Picture: Cases

NEW CASES PER 100,000

Date: 10/6/2021
New Cases per 100K
10/01/2021-10/07/2021

NATIONAL RANKING OF NEW CASES PER 100,000

<table>
<thead>
<tr>
<th>National Rank</th>
<th>State</th>
<th>National Rank</th>
<th>State</th>
</tr>
</thead>
<tbody>
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<td>1</td>
<td>PR</td>
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<td>10</td>
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<td>SC</td>
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<td>12</td>
<td>AR</td>
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<td>ME</td>
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<tr>
<td>13</td>
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<td>WY</td>
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<td>ND</td>
</tr>
<tr>
<td>25</td>
<td>VA</td>
<td>51</td>
<td>MT</td>
</tr>
<tr>
<td>26</td>
<td>OR</td>
<td>52</td>
<td>AK</td>
</tr>
</tbody>
</table>

ONE MONTH BEFORE

TWO MONTHS BEFORE

THREE MONTHS BEFORE

DATA SOURCES
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

Cases: County-level data are from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. State values are aggregated data provided by the states to the CDC. California reports COVID-19 cases at the state level on the day of incident, not the day of report, which could result in a fluctuation in the number of cases from recent weeks due to delayed reporting. As of 8/10/2021, Florida changed their method of reporting COVID-19 cases at the state level and will report on the day of incident, not the day of report, which could result in a fluctuation in the number of cases from recent weeks due to delayed reporting. As of 6/4, Florida is only updating their county case data on Fridays, therefore values for the last week may be an underestimate. As of 9/21, Nebraska began providing county case and death data directly to CDC, with daily data going back to 9/2. As of 6/30, Nebraska is no longer updating their state dashboard and since 9/26, Nebraska was reporting by Local Health Department instead of county; therefore, between 5/25 and 9/3, no county case and death data are available. The week one month before is from 9/3 to 9/9; the week two months before is from 8/6 to 8/12; the week three months before is from 7/9 to 7/15.

METHODS: Details available on last two pages of report.
DATA SOURCES

Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

Testing: Combination of CELR (COVID-19 Electronic Lab Reporting) state health department-reported data and HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs). The term Nucleic Acid Amplification Test (NAAT) includes RT-PCR and other testing methods. Data are through 10/5/2021. The week one month before is from 9/1 to 9/7; the week two months before is from 8/4 to 8/10; the week three months before is from 7/7 to 7/13. Due to technical issues, Rhode Island's and Washington's test positivity cannot be calculated for the last week.

METHODS: Details available on last two pages of report.
National Picture: Hospital Admissions

CONFIRMED NEW COVID-19 ADMISSIONS PER 100 INPATIENT BEDS

Date: 10/6/2021

New COVID-19 Admissions per 100 Inpatient Beds
09/30/2021-10/06/2021

NATIONAL RANKING OF CONFIRMED ADMISSIONS PER 100 BEDS

<table>
<thead>
<tr>
<th>National Rank</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>PR</td>
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<td>51</td>
<td>ID</td>
</tr>
<tr>
<td>52</td>
<td>MT</td>
</tr>
</tbody>
</table>

DATA SOURCES

Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

Admissions: Unified Hospitals Dataset in HHS Protect through 10/6/2021. Totals include only confirmed COVID-19 admissions. Puerto Rico is shown at the territory level as HSAs are not defined. The week one month before is from 9/2 to 9/8; the week two months before is from 8/5 to 8/11; the week three months before is from 7/8 to 7/14.

METHODS: Details available on last two pages of report.
National Picture: Deaths

NEW DEATHS PER 100,000

Date: 10/6/2021
New Deaths per 100K
10/01/2021-10/07/2021

NATIONAL RANKING OF NEW DEATHS PER 100,000

<table>
<thead>
<tr>
<th>National Rank</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>NE</td>
</tr>
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<td>2</td>
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<td>50</td>
<td>GA</td>
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<tr>
<td>51</td>
<td>ID</td>
</tr>
<tr>
<td>52</td>
<td>WV</td>
</tr>
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</table>

NEW DEATHS PER 100,000 IN THE WEEK:

ONE MONTH BEFORE

TWO MONTHS BEFORE

THREE MONTHS BEFORE

DATA SOURCES

Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

Deaths: County-level data are from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. State values are aggregated data provided by the states to the CDC. California reports COVID-19 deaths at the state level on the day of incident, not the day of report, which could result in a fluctuation in the number of deaths from recent weeks due to delayed reporting. As of 8/10/2021, Florida changed their method of reporting COVID-19 deaths at the state level and will report on the day of incident, not the day of report, which could result in a fluctuation in the number of deaths from recent weeks due to delayed reporting. Between 6/5 and 8/18, Florida was not updating their county deaths data; therefore no county death data are available for this time frame. As of 9/21, Nebraska began providing county case and death data directly to CDC, with daily data going back to 9/2. As of 6/30, Nebraska is no longer updating their state dashboard and since 5/26, Nebraska was reporting by Local Health Department instead of county; therefore, between 5/25 and 9/1 no county case and death data are available. Puerto Rico is shown at the territory level as deaths are not reported at the municipio level. As of 3/2/2021, Ohio changed their method of reporting COVID-19 deaths and will report deaths on the day of death, not the day of report, which could result in a fluctuation in the number of deaths from recent weeks due to delayed reporting. The week one month before is from 9/3 to 9/9; the week two months before is from 8/6 to 8/12; the week three months before is from 7/9 to 7/15.

METHODS: Details available on last two pages of report.
COVID-19

National Picture: Community Transmission

COMMUNITY TRANSMISSION BY COUNTY

<table>
<thead>
<tr>
<th>CASES PER 100K</th>
<th>0 TO 9</th>
<th>10 TO 49</th>
<th>50 TO 99</th>
<th>100 +</th>
</tr>
</thead>
<tbody>
<tr>
<td># OF COUNTIES (CHANGE)</td>
<td>54 (+9)</td>
<td>85 (+5)</td>
<td>211 (+85)</td>
<td>2870 (−89)</td>
</tr>
<tr>
<td>% OF COUNTIES (CHANGE)</td>
<td>1.7% (+0.3%)</td>
<td>2.6% (−0.2%)</td>
<td>6.6% (+2.6%)</td>
<td>89.1% (−2.8%)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TEST POSITIVITY</th>
<th>0.0% TO 4.9%</th>
<th>5.0% TO 7.9%</th>
<th>8.0% TO 9.9%</th>
<th>10.0% +</th>
</tr>
</thead>
<tbody>
<tr>
<td># OF COUNTIES (CHANGE)</td>
<td>587 (+47)</td>
<td>537 (+69)</td>
<td>405 (+15)</td>
<td>1691 (−131)</td>
</tr>
<tr>
<td>% OF COUNTIES (CHANGE)</td>
<td>18.2% (+1.5%)</td>
<td>16.7% (+2.1%)</td>
<td>12.6% (+0.5%)</td>
<td>52.5% (−4.1%)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>LOW TRANSMISSION BLUE</th>
<th>MODERATE TRANSMISSION YELLOW</th>
<th>SUBSTANTIAL TRANSMISSION ORANGE</th>
<th>HIGH TRANSMISSION RED</th>
</tr>
</thead>
<tbody>
<tr>
<td># OF COUNTIES (CHANGE)</td>
<td>30 (+4)</td>
<td>79 (+3)</td>
<td>183 (+70)</td>
<td>2928 (−71)</td>
</tr>
<tr>
<td>% OF COUNTIES (CHANGE)</td>
<td>0.9% (+0.1%)</td>
<td>2.5% (−0.1%)</td>
<td>5.7% (+2.2%)</td>
<td>90.9% (−2.2%)</td>
</tr>
</tbody>
</table>

DATA SOURCES
Maps and figures reflect 7-day average of data from 10/1-10/7 (cases), 9/29-10/5 (tests).
Note: Most recent days may have incomplete reporting.
Cases: County-level data are from a CDC managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state Data are through 10/7/2021.
Testing: Combination of CELR (COVID-19 Electronic Lab Reporting) state health department-reported data and HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs). Data are through 10/5/2021. Due to technical issues, Rhode Island’s and Washington’s test positivity cannot be calculated for the last week.
County Percentages: Based on a denominator of 3,220 county/county-equivalents, including states, the District of Columbia, and Puerto Rico municipios.
Combined Transmission Level: If the two indicators suggest different transmission levels, the higher level is selected. Previous week transmission levels are computed based on current data. See CDC COVID Data Tracker.
METHODS: Details available on last two pages of report.
DATA SOURCES & METHODS
STATE PROFILE REPORT | 10.08.2021

Some dates may have incomplete data due to delays and/or differences in state reporting. Data may be backfilled over time, resulting in week-to-week changes between reports. It is critical that states provide as up-to-date data as possible. Figures and values may also differ from state reports due to differing methodologies. For more information, see CDC COVID Data Tracker.

All population values are vintage 2019 US Census data.

Cases and Deaths: County-level data are from a CDC-managed aggregate county dataset compiled from state and local health departments; therefore, the values may not match those reported directly by the state. State values are aggregated data provided by the states to the CDC. Data and week-on-week changes are as of 10:55 EDT on 10/08/2021. Cases and deaths are generally shown by date of report. Some states periodically adjust their past data with CDC to show it by case date and death date, as determined by the state. Between adjustments, new cases and deaths continue to be shown by date of report. This can potentially lead to over-estimates of the week-on-week increases in cases or deaths.

California reports COVID-19 cases and deaths at the state level on the day of incident, not the day of report, which could result in a fluctuation in the number of cases and deaths. Proportions of deaths are based on the death date, as determined by the state. Between adjustments, new cases and deaths continue to be shown by date of report. This can potentially lead to over-estimates of the week-on-week changes in cases or deaths.

High Transmission: Those states, CBSAs, and counties that during the last week reported from 10 to 49 cases per 100,000 population or a lab test positivity from 5.0% to 10.0%.

Moderate Transmission: Those states, CBSAs, and counties that during the last week reported from 5.0% to 9.9%.

Low Transmission: Those states, CBSAs, and counties that during the last week reported from 0.0% to 4.9%.

State, County, and Metro Area Community Transmission Levels

High Transmission: Those states, CBSAs, and counties that during the last week reported 100 or more cases per 100,000 population or a lab test positivity of ≥10.0%.

Substantial Transmission: Those states, CBSAs, and counties that during the last week reported from 50 to 99 cases per 100,000 population or a lab test positivity from 8.0% to 9.9%.

Moderate Transmission: Those states, CBSAs, and counties that during the last week reported from 10 to 49 cases per 100,000 population or a lab test positivity from 5.0% to 7.9%.

Low Transmission: Those states, CBSAs, and counties that during the last week reported from 0 to 9 cases per 100,000 population or a lab test positivity from 0.0% to 4.9%.

If the two indicators suggest different transmission levels, the higher level is selected. Previous week transmission levels are computed based on current data.

Vaccinations: CDC COVID Data Tracker, Data includes the Moderna, Pfizer BioNTech, and J&J/Janssen COVID-19 vaccines and reflects current data available as of 11:38 EDT on 10/08/2021. Data last updated 06:00 EDT on 10/08/2021. Persons who are fully vaccinated include those who have received both doses of the Moderna or Pfizer-BioNTech vaccine as well as those who have received one dose of the J&J/Janssen vaccine. Allocations are made pro rata (equal based on population) from which jurisdictions are then to order. COVID-19 vaccines available in the U.S. are authorized only for persons ≥12 years of age (Pfizer-BioNTech) or ≥18 years of age (Moderna and J&J/Janssen). Population denominators reflect the subset of the population of the corresponding age range when specified (e.g., 12+, 12-17, 18+, or 65+), otherwise the total population is used. On August 13, 2021, certain groups of fully vaccinated people were recommended for an additional dose of the COVID-19 vaccine. See also ACIP COVID-19 Vaccine Recommendations | CDC. The following states have ≥80% completeness reporting vaccinations by county, which may result in underestimates of vaccination data for counties: VT (74%), WV (60%), GA (57%), TX (0%), and HI (0%).

Variants: Data from CDC COVID Data Tracker. Variant proportions are based on representative CDC sequence data (NS5 + CDC-funded contract sequencing) collected over a 4-week period ending September 11, 2021 for states with at least 300 sequences. Proportions are calculated using empirical (unweighted) data, which are subject to change over time and will be updated as more data become available. Proportions of variants do not represent the total number that may be circulating in the United States and may not match cases reported by states, territories, tribes, and local officials. For states and jurisdictions not listed, CDC has insufficient genomic surveillance data for the specified time period. Data updated by 19:00 EDT on 10/5. Data pulled 11:18 EDT on 10/08/2021.
## DATA SOURCES & METHODS

**STATE PROFILE REPORT | 10.08.2021**

Color threshold values are rounded before color classification

<table>
<thead>
<tr>
<th>Metric</th>
<th>Dark Green</th>
<th>Light Green</th>
<th>Yellow</th>
<th>Orange</th>
<th>Light Red</th>
<th>Red</th>
<th>Dark Red</th>
<th>Darkest Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>New cases per 100,000 population per week</td>
<td>≤4</td>
<td>5 – 9</td>
<td>10 – 49</td>
<td>50 – 99</td>
<td>100 – 199</td>
<td>200 – 499</td>
<td>500 – 749</td>
<td>≥750</td>
</tr>
<tr>
<td>Percent change in new cases per 100,000 population</td>
<td>≤-26%</td>
<td>-25% – -11%</td>
<td>-10% – 0%</td>
<td>1% – 10%</td>
<td>11% – 99%</td>
<td>100% – 999%</td>
<td>≥1000%</td>
<td></td>
</tr>
<tr>
<td>Diagnostic test result positivity rate</td>
<td>≤2.9%</td>
<td>3.0% – 4.9%</td>
<td>5.0% – 7.9%</td>
<td>8.0% – 9.9%</td>
<td>10.0% – 14.9%</td>
<td>15.0% – 19.9%</td>
<td>20.0% –24.9%</td>
<td>≥25.0%</td>
</tr>
<tr>
<td>Change in test positivity</td>
<td>≤-2.1%</td>
<td>-2.0% – -0.6%</td>
<td>-0.5% – 0.0%</td>
<td>0.1% – 0.5%</td>
<td>0.6% – 2.0%</td>
<td>6.1% – 2.0%</td>
<td>≥2.1%</td>
<td></td>
</tr>
<tr>
<td>Total diagnostic tests resulted per 100,000 population per week</td>
<td>≥5000</td>
<td>3000 – 4999</td>
<td>2000 – 2999</td>
<td>1000 – 1999</td>
<td>500 – 999</td>
<td>500 – 999</td>
<td>≤499</td>
<td></td>
</tr>
<tr>
<td>Percent change in tests per 100,000 population</td>
<td>≥26%</td>
<td>11% – 25%</td>
<td>1% – 10%</td>
<td>-10% – 0%</td>
<td>-25% – -11%</td>
<td>-25% – -11%</td>
<td>≤-26%</td>
<td></td>
</tr>
<tr>
<td>COVID-19 deaths per 100,000 population per week</td>
<td>≥26%</td>
<td>11% – 25%</td>
<td>1% – 10%</td>
<td>-10% – 0%</td>
<td>-25% – -11%</td>
<td>-25% – -11%</td>
<td>≤-26%</td>
<td></td>
</tr>
<tr>
<td>Percent change in deaths per 100,000 population</td>
<td>≤-26%</td>
<td>-25% – -11%</td>
<td>-10% – 0%</td>
<td>1% – 10%</td>
<td>11% – 25%</td>
<td>11% – 25%</td>
<td>≥26%</td>
<td></td>
</tr>
<tr>
<td>Confirmed and suspected new COVID-19 hospital admissions per 100 beds</td>
<td>≤2.0</td>
<td>2.1 – 5.0</td>
<td>5.1 – 10.0</td>
<td>10.1 – 15.0</td>
<td>15.1 – 20.0</td>
<td>20.1 – 25.0</td>
<td>≥25.1</td>
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<tr>
<td>Confirmed new COVID-19 hospital admissions per 100 beds</td>
<td>≤1.0</td>
<td>1.1 – 3.0</td>
<td>3.1 – 5.0</td>
<td>5.1 – 10.0</td>
<td>10.1 – 15.0</td>
<td>15.1 – 20.0</td>
<td>≥20.1</td>
<td></td>
</tr>
<tr>
<td>Change in new COVID-19 hospital admissions per 100 beds</td>
<td>≤-26%</td>
<td>-25% – -11%</td>
<td>-10% – 0%</td>
<td>1% – 10%</td>
<td>11% – 25%</td>
<td>11% – 25%</td>
<td>≥26%</td>
<td></td>
</tr>
<tr>
<td>Percent of hospitals with supply/staff shortages</td>
<td>≤-9%</td>
<td>10% – 19%</td>
<td>20% – 29%</td>
<td>30% – 39%</td>
<td>40% – 49%</td>
<td>≥40%</td>
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<tr>
<td>Change in percent of hospitals with supply/staff shortages</td>
<td>≤-10%</td>
<td>-9% – -5%</td>
<td>-4% – 0%</td>
<td>1% – 4%</td>
<td>5% – 9%</td>
<td>≥10%</td>
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<td></td>
</tr>
<tr>
<td>Percent of Population Fully Vaccinated (State Level)</td>
<td>0.0 – 39.9%</td>
<td>40.0 – 49.9%</td>
<td>50.0 – 59.9%</td>
<td>60.0 – 69.9%</td>
<td>≥70.0%</td>
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