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- Data Snapshot
- United States Update
- Key Indicators
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- LA County/City/CA Updates
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The Regional Stay Home Order, announced December 3, 2020, and a supplemental order, signed December 6, 2020, will go into effect at 11:59 PM the day after a region has been announced to have less than 15% ICU availability.

- The supplemental order clarifies retail operations and goes into effect immediately;
- They prohibit private gatherings of any size, close sector operations except for critical infrastructure and retail;
- And require 100% masking and physical distancing in all others.

Once triggered, these orders will remain in effect for at least 3 weeks. After that period, they will be lifted when a region’s projected ICU capacity meets or exceeds 15%. This will be assessed on a weekly basis after the initial 3 week period.

### ICU Availabilities as of December 8, 2020

<table>
<thead>
<tr>
<th>Region</th>
<th>ICU Availability</th>
<th>Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northern California</td>
<td>25.0%</td>
<td>Does not apply</td>
</tr>
<tr>
<td>Bay Area</td>
<td>24.5%</td>
<td>5 out of 11 Counties Opted In</td>
</tr>
<tr>
<td>Greater Sacramento</td>
<td>18.8%</td>
<td>Does not apply</td>
</tr>
<tr>
<td>San Joaquin Valley</td>
<td>5.6%</td>
<td>Threshold met</td>
</tr>
<tr>
<td>Southern California</td>
<td>10.1%</td>
<td>Threshold met</td>
</tr>
</tbody>
</table>

### Statewide Metrics

- **34.0** New COVID-19 Positive Cases Per Day Per 100k Residents
- **8.4%** 7-Day Positivity Rate
- **13.3%** ICU Availability

Source: State of California

Source: COVID19.CA.GOV

Prepared by Mayor’s Innovation Team

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New reopening metrics and tier assignment were previously announced on Tuesdays. On November 16, the State announced that they may start reporting metrics more frequently and on days other than Tuesdays.

All metrics are evaluated on a 7-day lag.

**New COVID-19 positive cases per 100K**
7-Day average new positive cases per 100K residents

**Adjusted case rate for tier assignment**
An adjustment factor for counties that are testing above or below the state average. This adjusted rate is used for “new case” metric rather than the raw case rate.

**Positivity Rate**
7-day average of positive lab-confirmed COVID-19 cases divided by total tests

**Health Equity Metric**
The test positivity rate in the Lowest Healthy Places Index Quartile Census Tracts. *California did not release new equity metrics between 11/10 and 12/8

### Table: Current Los Angeles County Risk Level: Widespread

<table>
<thead>
<tr>
<th>County risk level</th>
<th>New cases</th>
<th>positive tests</th>
</tr>
</thead>
<tbody>
<tr>
<td>WIDESPREAD</td>
<td>More than 7 daily new cases (per 100K)</td>
<td>More than 8% positive tests</td>
</tr>
<tr>
<td>SUBSTANTIAL</td>
<td>4 - 7 daily new cases (per 100K)</td>
<td>5 - 8% positive tests</td>
</tr>
<tr>
<td>MODERATE</td>
<td>1 - 3.9 daily new cases (per 100K)</td>
<td>2 - 4.9% positive tests</td>
</tr>
<tr>
<td>MINIMAL</td>
<td>Less than 1 daily new cases (per 100K)</td>
<td>Less than 2% positive tests</td>
</tr>
</tbody>
</table>

Source: California Department of Public Health

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## LOS ANGELES COUNTY

### KEY METRICS

**As of December 8, 2020, 1 PM**

<table>
<thead>
<tr>
<th>METRICS</th>
<th>TODAY’S AVERAGES</th>
<th>CURRENT TREND VS LAST WEEK</th>
<th>% CHANGE VS LAST WEEK</th>
<th>CURRENT TREND VS BASELINE</th>
<th>% CHANGE VS BASELINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Cases (7-day avg.)</td>
<td>8,402 (7-day avg)</td>
<td>➡️</td>
<td>+68.8%</td>
<td>➡️</td>
<td>+705.5%</td>
</tr>
<tr>
<td>New Deaths (7-day avg.)</td>
<td>43 (7-day avg)</td>
<td>➡️</td>
<td>+45.2%</td>
<td>➡️</td>
<td>-14.7%</td>
</tr>
<tr>
<td>COVID 7-Day Positive Test Rate (as of one week ago)</td>
<td>11.3% (overall)</td>
<td>➡️</td>
<td>+4.4%</td>
<td>➡️</td>
<td>-0.3%</td>
</tr>
<tr>
<td>New Hospitalizations (7-day avg)*</td>
<td>335 (7-day avg)</td>
<td>➡️</td>
<td>+33.7%</td>
<td>➡️</td>
<td>+115.3%</td>
</tr>
<tr>
<td>Acute Care Bed Capacity (7-day avg)*</td>
<td>446 (7-day avg)</td>
<td>➡️</td>
<td>-24.4%</td>
<td>➡️</td>
<td>-60.1%</td>
</tr>
<tr>
<td>ICU Bed Capacity (7-day avg)*</td>
<td>97 (7-day avg)</td>
<td>➡️</td>
<td>-15.1%</td>
<td>➡️</td>
<td>-60.2%</td>
</tr>
<tr>
<td>LA City Crime (7-day avg)</td>
<td>434 daily crimes (7-day avg) as of 11/28/2020</td>
<td>➡️</td>
<td>-10.8%</td>
<td>➡️</td>
<td>-23.7%</td>
</tr>
<tr>
<td>LA City Unemployment Ins. Claims (includes PUA)</td>
<td>5,733 as of 11/21/2020</td>
<td>➡️</td>
<td>+22.1%</td>
<td>➡️</td>
<td>+385%</td>
</tr>
</tbody>
</table>

### Key Takeaways:

The following metrics have seen **undesirable** movement over the past seven days for which data are available: New Cases, New Deaths (vs last week), 7-Day COVID Positive Test Rate (vs last week), New Hospitalizations, Acute Care Bed Capacity, ICU Bed Capacity, and Unemployment Insurance Claims.

The following metrics have seen **desirable** movement over the past seven days: New Deaths (vs baseline), 7-Day COVID Positive Test Rate (vs baseline), and LA City Crime.

*Unless otherwise noted, the baseline period is the week of 4/18/20-4/24/20, our highest week in the month of April, first full month of reporting on record.

*As of 12/7/20

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**Source:** Los Angeles County Department of Health, COVID Tracking Project

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COVID-19 DATA SUMMARY
United States Update
California again has the most cases and the Midwest remains an epicenter. There have been recent increases in parts of the Southwest as well. The top five states, based on overall cases include:

#1: 1,389.7K cases in California (+23.3K) - 3513 per 100K
20.0K deaths in California (+112) - 50.7 per 100K

#2: 1,272.5K cases in Texas (+14.3K) - 4433 per 100K
22.8K deaths in Texas (+181) - 79.5 per 100K

#3: 1,056.1K cases in Florida (+7.8K) - 4958 per 100K
19.6K deaths in Florida (+98) - 92.1 per 100K

#4: 804.2K cases in Illinois (+7.9K) - 6311 per 100K
14.4K deaths in Illinois (+168) - 112.9 per 100K

#5: 722.5K cases in New York State (+9.3K) - 3696 per 100K
27.3K deaths in New York State (+75) - 139.7 per 100K

Rounding out the top ten are: Ohio, Georgia, Wisconsin, Michigan, Pennsylvania

California ranks ...
#1 in Cases
#41 in Cases per 100K
#3 in Deaths
#37 in Deaths per 100K
California is now one of the main epicenters, along with the Midwest, South, and increasingly the East Coast. The top five states, based on new cases over the last day include:

#1: 510.0K cases in Ohio (+25.7K) - 4363 per 100K
7.1K deaths in Ohio (+81) - 60.8 per 100K

#2: 1,389.7K cases in California (+23.3K) - 3513 per 100K
20.0K deaths in California (+112) - 50.7 per 100K

#3: 1,272.5K cases in Texas (+14.3K) - 4433 per 100K
22.8K deaths in Texas (+181) - 79.5 per 100K

#4: 378.2K cases in Arizona (+12.3K) - 5272 per 100K
7.0K deaths in Arizona (+23) - 97.2 per 100K

#5: 436.6K cases in Pennsylvania (+10.2K) - 3409 per 100K
11.5K deaths in Pennsylvania (+169) - 90.1 per 100K

Rounding out the top ten are: New York State, Illinois, Florida, Washington State, Michigan

California ranks ...
#1 in Cases
#41 in Cases per 100K

#3 in Deaths
#37 in Deaths per 100K

Source: Los Angeles County Department of Health, COVID Tracking Project
Top 5 per capita (per 100K) cases by County:

Potter, Texas (Amarillo): 11,630 cases per 100K (13,656 total cases)

Minnehaha, South Dakota (Sioux Falls): 11,340 cases per 100K (21,902 total cases)

Lubbock, Texas: 11,180 cases per 100K (34,722 total cases)

El Paso, Texas: 10,750 cases per 100K (90,222 total cases)

Woodbury, Iowa (Sioux City): 10,735 cases per 100K (11,069 total cases)

Los Angeles, California: 4,561 cases per 100K (457,880 total cases)

Los Angeles County ranks #245 out of 584 counties with 100K+
COVID-19 US Deaths - Per Capita County Comparison (Counties >=100K ppl)
As of December 7, 2020, 8:00 PM • One-day lag

Top 5 per capita (per 100K) deaths by County:

**Bronx, New York:** 355.0 deaths per 100K
(5,035 total deaths)

**Queens, New York:** 327.3 deaths per 100K
(7,376 total deaths)

**Kings, New York:** 294.2 deaths per 100K
(7,531 total deaths)

**Essex, New Jersey (NYC Metro Area):** 283.0 deaths per 100K
(2,261 total deaths)

**Cameron, Texas:** 267.5 deaths per 100K
(1,132 total deaths)

**Los Angeles, California:** 79.1 deaths per 100K
(7,936 total deaths)

*Los Angeles County ranks #217 out of 584 counties with 100K+*
COVID-19 • LOS ANGELES

Key Indicators
Cases, Deaths, Testing, and Hospitalizations
The past seven days have seen an **average daily increase of 8,402 new cases**

The past seven days have seen an **average daily increase of 43 new deaths**

**Legend:**
- New Cases (7-Day Rolling Average)
- New Deaths (7-Day Rolling Average)
- Safer At Home (SAH) Restriction Lifted
- SAH Restriction Reinstituted

**Source:** Los Angeles County New Cases and New Deaths, 7-Day Average

**Note:** Between July 3-5, the County took their systems offline for an upgrade. Additionally, several testing sites were closed and at least one major lab did not report case results. Deaths were likely undercounted because the necessary verification steps extended beyond the weekend due to holiday. As a result, all data during this time period is skewed. New Los Angeles County case counts for 10/22-10/24 are inflated due to data backlogs from 10/17-10/21
LA County Case Updates

**KEY TAKEAWAYS**

• LA County accounts for **33.6%** of cases in CA with an average of **8,402** new cases reported from 12/1 to 12/8 (**2.1%** increase)

**CUMULATIVE CASES**

Source: Los Angeles County Department of Public Health, Johns Hopkins Center for Systems Science and Engineering GitHub repo, LA County Department of Public Health, COVIDTracking.com, and the LA Times.
LA County Mortality Updates

DAILY MORTALITY IN LA COUNTY

<table>
<thead>
<tr>
<th>Los Angeles County New Deaths</th>
<th>California New Deaths</th>
<th>United States New Deaths</th>
<th>Global New Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOS ANGELES</td>
<td>CALIFORNIA</td>
<td>UNITED STATES</td>
<td>GLOBAL</td>
</tr>
<tr>
<td>1.8%</td>
<td>112</td>
<td>2,180</td>
<td>11,031</td>
</tr>
<tr>
<td>Mortality Rate</td>
<td>New Deaths</td>
<td>New Deaths</td>
<td>New Deaths</td>
</tr>
<tr>
<td>64</td>
<td>20,047</td>
<td>285.2K</td>
<td>1.6M</td>
</tr>
<tr>
<td>Total Deaths</td>
<td>Total Deaths</td>
<td>Total Deaths</td>
<td>Total Deaths</td>
</tr>
<tr>
<td>8,000</td>
<td>112</td>
<td>2,180</td>
<td>11,031</td>
</tr>
</tbody>
</table>

KEY TAKEAWAYS

• LA County accounts for 39.9% of deaths in CA with an average of 43 new deaths reported from 12/1 to 12/8 (0.6% increase)

CUMULATIVE DEATHS

Source: Los Angeles County Department of Public Health, Johns Hopkins Center for Systems Science and Engineering GitHub repo, LA County Department of Public Health, COVIDTracking.com, and the LA Times.
Key Takeaways

• At least 2,657,106 tests have been performed at City of Los Angeles since 3/20

• On average, 33,092 tests were performed each day from 12/1 to 12/7

• 183,318 of the 2,573,531 tests for which results were received were positive (7.2%)

Source: City of Los Angeles
## LA Testing Updates • Positivity Rate

### TESTS COMPLETED

<table>
<thead>
<tr>
<th>City Tests</th>
<th>City Tests Since 3/20</th>
</tr>
</thead>
<tbody>
<tr>
<td>32K</td>
<td>2.66M</td>
</tr>
</tbody>
</table>

### AVAILABILITY

<table>
<thead>
<tr>
<th>Total City Sites</th>
<th>Avail. City Testing Capacity Today</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>35K</td>
</tr>
</tbody>
</table>

### POSITIVITY RATE

<table>
<thead>
<tr>
<th>Cumulative City - Tests</th>
<th>Cumulative County - Tests</th>
<th>Cumulative County - People</th>
<th>County’s 7-day Rate For Tests (1 week lag)</th>
<th>City’s 7-day Rate For Tests (2 day lag)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.2%</td>
<td>6.7%</td>
<td>11.0%</td>
<td>11.3%</td>
<td>15.18%</td>
</tr>
</tbody>
</table>

*Public test registration. It does not include registration of critical city employees, first responders, and health care providers.*

### KEY TAKEAWAYS

- LA County has tested a total of at least 3,954,974 people and a total of 8,453,971 specimens (tests).

## KEY TAKEAWAYS

- LA County has tested a total of at least 3,954,974 people and a total of 8,453,971 specimens (tests).

## COUNTY POSITIVITY RATE (7-day lag)

<table>
<thead>
<tr>
<th>03/11</th>
<th>12/1</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.9%</td>
<td>15.2%</td>
</tr>
</tbody>
</table>

### POSITIVITY RATE IN CITY OF LA (1-day lag for cumulative/2-day for 7-day rate)

- City of LA Positive Rate:
  - Asymptomatic Testing Begins
  - 7.8% on 5/2
  - 5.7% on 5/16
  - 4.3% on 5/27
  - 3.8% on 6/13

### CITY OF LOS ANGELES TESTING UPDATES

- City positive rate as of December 7, 2020
- County metrics as of December 1, 2020

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Prepared by Mayor’s Innovation Team
KEY TAKEAWAYS

• At least 30,593 people have been hospitalized since 3/18

CURRENTLY HOSPITALIZED: +6%
INCREASE IN ICU: +2.7%

The Regional Stay Home Order will go into effect at 11:59 PM the day after a region has been announced to have less than 15% ICU availability. It prohibits private gatherings of any size, closes sector operations except for critical infrastructure and retail, and requires 100% masking and physical distancing in all others.

NEW HOSPITALIZATIONS IN LA COUNTY

<table>
<thead>
<tr>
<th>New Hospitalizations</th>
<th>Current Hospitalizations</th>
<th>Total Hospitalizations</th>
</tr>
</thead>
<tbody>
<tr>
<td>423</td>
<td>3,299</td>
<td>31.4K</td>
</tr>
</tbody>
</table>

Table metrics as of December 7 unless otherwise noted.

At least 30,593 people have been hospitalized since 3/18.

CURRENTLY HOSPITALIZED: +6%
INCREASE IN ICU: +2.7%

The Regional Stay Home Order will go into effect at 11:59 PM the day after a region has been announced to have less than 15% ICU availability. It prohibits private gatherings of any size, closes sector operations except for critical infrastructure and retail, and requires 100% masking and physical distancing in all others.

Prepared by Mayor’s Innovation Team
COVID-19 • LOS ANGELES
Demographic Comparisons
Cases by Demographics*

<table>
<thead>
<tr>
<th>Age Range</th>
<th>Percent of Total Cases Compared to Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 17 yrs</td>
<td>11%</td>
</tr>
<tr>
<td>18 to 29 yrs</td>
<td>25%</td>
</tr>
<tr>
<td>30 to 49 yrs</td>
<td>34%</td>
</tr>
<tr>
<td>50 to 64 yrs</td>
<td>19%</td>
</tr>
<tr>
<td>65+</td>
<td>11%</td>
</tr>
</tbody>
</table>

PERCENT OF TOTAL CASES COMPARED TO POPULATION

- **Age Range**: The distribution of cases across different age groups, with the highest percentage in the 30 to 49 yrs age group (34%) and the lowest in the 0 to 17 yrs age group (11%).

KEY TAKEAWAYS

- Data is incomplete with **32.6% of cases still under investigation**.

MOST IMPACTED GROUPS

- Hispanic/Latino Americans
- Females
- 30-59 year olds
- 18-29 year olds

Legend:

- Percent of LA County Population
- Percent of Total Cases

Source: Los Angeles Department of Public Health.

Prepared by Mayor’s Innovation Team
**Deaths by Demographics***

0%  1%  7%  19%  74%
0 to 17 yrs  18 to 29 yrs  30 to 49 yrs  50 to 64 yrs  65+

**PERCENT OF TOTAL DEATHS COMPARED TO POPULATION**

- **Age**:
  - 0 to 17 yrs: 0%
  - 18 to 29 yrs: 1%
  - 30 to 49 yrs: 7%
  - 50 to 64 yrs: 19%
  - 65+: 74%

- **Race**:
  - Asian: 14%
  - Black: 10%
  - Hispanic/Latino: 51%
  - White: 24%
  - Other: 1%

- **Gender**:
  - Female: 43%
  - Male: 57%

**KEY TAKEAWAYS**

- Data is incomplete with **0.3% of deaths still under investigation**
- 7374 out of 7909 deaths (93.2%) had comorbidities (underlying conditions)

**MOST IMPACTED GROUPS**

- 65+
- Males
- Hispanic/Latino Americans
- Black Americans

**Legend**

- Percent of LA County Population
- Percent of Total Deaths

**Source:** Los Angeles Department of Public Health.
COVID-19 DATA SUMMARY

Comparative Updates
Key Takeaways:

• An average of 23,503 Cases reported in CA from 12/1 to 12/8 (1.7% increase)

• LA County accounts for 33.6% of cases in CA with an average of 8,402 new cases reported from 12/1 to 12/8 (2.1% increase)

• The City of LA accounts for 13.7% of cases in CA with an average of 3,263 new cases reported from 12/1 to 12/8 (2.0% increase)

Source: Los Angeles County Department of Public Health, Johns Hopkins Center for Systems Science and Engineering GitHub repo, LA County Department of Public Health, COVIDTracking.com, and the LA Times. Day of outbreak is identified as March 11th, with prior cases aggregated to day 1

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Key Takeaways:

- An average of 119 deaths reported in CA from 12/1 to 12/8 (0.6% increase)

- LA County accounts for 39.9% of deaths in CA with an average of 43 new deaths reported from 12/1 to 12/8 (0.6% increase)

- The City of LA accounts for 16.7% of deaths in CA with an average of 15 new deaths reported from 12/1 to 12/8 (0.5% increase)

Source: Los Angeles County Department of Public Health, Johns Hopkins Center for Systems Science and Engineering GitHub repo, and the LA Times.

Day of outbreak is identified as March 11, with prior cases aggregated to day 1. LA City death count lags several days.

Prepared by Mayor’s Innovation Team
COVID-19 • LOS ANGELES COUNTY
Medical Capacity and Supplies
Key Takeaways:
615 total beds

Since last week, there has been a:
- **28.0% increase** in available acute care beds. Surge capacity is 11,482
- **30.2% increase** in available ICU beds. Surge capacity is 4,067
- **9.7% increase** in available ventilators. Surge capacity is 3,199

County Total Reported Bed Capacity in County: 23,318 Staffed Beds in all Categories

HOSPITALIZATIONS

Hospital Bed and Equipment Capacity for LA County
As of December 7 • One-day lag

Source: County HavBed Bed Tracking and Los Angeles County Department of Public Health Services/Reddinet. This is self reported data subject to error, represents 70 designated 9-1-1 receiving hospitals
**Hospital Bed and Equipment Capacity for LA County**

As of December 7 • One-day lag

<table>
<thead>
<tr>
<th>ICU BEDS</th>
<th>ACUTE CARE BEDS</th>
<th>VENTILATORS</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>No data for 7/31 currently available</em></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Source:** County HavBed Bed Tracking and Los Angeles County Department of Public Health Services/Reddinet

This is self reported data subject to error, represents 70 designated 9-1-1 receiving hospitals

Prepared by Mayor’s Innovation Team
COVID-19 DATA SUMMARY
City Response and Preparedness
### Hotline Services: 311 Calls

<table>
<thead>
<tr>
<th>Category</th>
<th>12/1</th>
<th>12/2</th>
<th>12/3</th>
<th>12/4</th>
<th>12/5</th>
<th>12/6</th>
<th>12/7</th>
</tr>
</thead>
<tbody>
<tr>
<td>COVID Related Calls</td>
<td>3,529</td>
<td>3,338</td>
<td>3,092</td>
<td>2,366</td>
<td>826</td>
<td>585</td>
<td>2,490</td>
</tr>
<tr>
<td>Non-COVID Related Calls</td>
<td>3,678</td>
<td>3,482</td>
<td>3,335</td>
<td>2,752</td>
<td>972</td>
<td>713</td>
<td>3,154</td>
</tr>
<tr>
<td>COVID Calls Since 3/26</td>
<td>3,529</td>
<td>3,338</td>
<td>3,092</td>
<td>2,366</td>
<td>826</td>
<td>585</td>
<td>2,490</td>
</tr>
<tr>
<td>Total COVID Calls - Since 3/26</td>
<td>3,678</td>
<td>3,482</td>
<td>3,335</td>
<td>2,752</td>
<td>972</td>
<td>713</td>
<td>3,154</td>
</tr>
<tr>
<td>All Calls for Angeleno Card</td>
<td>3,154</td>
<td>2,752</td>
<td>2,366</td>
<td>826</td>
<td>585</td>
<td>713</td>
<td>2,490</td>
</tr>
</tbody>
</table>

**KEY TAKEAWAYS**

There has been an exponential rise in COVID-Related 311 Calls, from **4% to 21%** in two weeks.

**CALL THEMES**

- Testing
- SERVE Program
- Rent/eviction or financial help like SERVE
- Questions/complaints about restrictions
- Parking

**Legend:**

- 311 - COVID
- 311 - Non-COVID

**Source:** ITA - 311 Contact Center
COVID-19 • Los Angeles City Overview

Economic Analysis
Key Takeaways:
• **5.7K** new claims from 11/15-11/21, including Pandemic Unemployment Assistance (PUA).

• Spiked on 3/28 with **112K** new claims

• This represents an increase of over **4500%** from the weekly average from 1/1 - 3/7

*Note: A major PUA backlog was found and reported over the two-week period from 8/23-9/5*
Key Takeaways:
- September unemployment (seasonally-adjusted) is estimated at 12.3% for LA County. This is lower than September’s numbers (15.5%)
- 1,330,918 total claims for Unemployment Insurance (UI) and Pandemic Unemployment Assistance (PUA) in 2020
End of Report
December 8, 2020