DAILY LOS ANGELES

COVID-19 Data Summary

Tuesday July 28, 2020
Response Day 138

Prepared by
City of Los Angeles, Mayor Garcetti’s Innovation Team
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- United States Update
- LA County Update
- New & Total Cases - City + County + State
- New & Total Deaths - City + County + State
- Testing
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- Behavior Analysis
- Economic Analysis
### Key Takeaways:

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

The following metrics have seen **desirable** movement over the past seven days: **COVID+ Test Rate** (vs baseline), **New Deaths** (vs baseline), **New Cases** (vs last week), **Unemployment Insurance** (vs last week), **Acute Care Bed Capacity** (vs last week), **New Hospitalizations** (vs last week), **ICU Capacity** (vs last week), and **Crime**.

<table>
<thead>
<tr>
<th>METRICS</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><strong>New Cases</strong> (7-day avg.)</td>
<td></td>
<td>-20.4%</td>
<td></td>
<td>+137.0%</td>
</tr>
<tr>
<td><strong>New Deaths</strong> (7-day avg.)</td>
<td></td>
<td>+5.9%</td>
<td></td>
<td>-18.6%</td>
</tr>
<tr>
<td><strong>COVID Positive Test Rate</strong> (LA City Sites)</td>
<td></td>
<td>+0.3%</td>
<td></td>
<td>-0.7%</td>
</tr>
<tr>
<td><strong>New Hospitalizations</strong> (7-day avg)</td>
<td></td>
<td>-9.7%</td>
<td></td>
<td>+11.9%</td>
</tr>
<tr>
<td><strong>Acute Care Bed Capacity</strong> (7-day avg)</td>
<td></td>
<td>+7.9%</td>
<td></td>
<td>-50.1%</td>
</tr>
<tr>
<td><strong>ICU Bed Capacity</strong> (7-day avg)</td>
<td></td>
<td>+26.1%</td>
<td></td>
<td>-48.2%</td>
</tr>
<tr>
<td><strong>Crime</strong> (7-day avg)* baseline = 2019 YTD</td>
<td></td>
<td>-3.8%</td>
<td></td>
<td>-21.7%</td>
</tr>
<tr>
<td><strong>Unemployment Ins. Claims</strong> baseline = equivalent 2019 week</td>
<td></td>
<td>-1.1%</td>
<td></td>
<td>+1055%</td>
</tr>
</tbody>
</table>

The **COVID+ Test Rate** is % Difference w/ last week.

% Difference w/ baseline.

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

Prepared by Mayor’s Innovation Team
### LOS ANGELES COUNTY • City Response Highlights • As of July 28, 2020

<table>
<thead>
<tr>
<th>LOS ANGELES</th>
<th>GLOBAL</th>
<th>HOTLINE SERVICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,708</td>
<td>209,160</td>
<td>179</td>
</tr>
<tr>
<td>New Cases</td>
<td>New Cases</td>
<td>COVID-related 311 calls</td>
</tr>
<tr>
<td>51</td>
<td>5,271</td>
<td>3,312</td>
</tr>
<tr>
<td>New Deaths</td>
<td>New Deaths</td>
<td>Average wait</td>
</tr>
<tr>
<td>178,642</td>
<td>16.5M</td>
<td>2.3 mins</td>
</tr>
<tr>
<td>Total Cases</td>
<td>Total Cases</td>
<td>Non-COVID related 311 calls</td>
</tr>
<tr>
<td>4,426</td>
<td>655.3K</td>
<td></td>
</tr>
<tr>
<td>Total Deaths</td>
<td>Total Deaths</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CALIFORNIA</th>
<th>UNITED STATES</th>
<th>COVID RELATED CALL THEMES</th>
</tr>
</thead>
<tbody>
<tr>
<td>6,000</td>
<td>46,556</td>
<td>• Testing and results</td>
</tr>
<tr>
<td>New Cases</td>
<td>New Cases</td>
<td>• Order restrictions, Violations, Suggestions</td>
</tr>
<tr>
<td>73</td>
<td>1,155</td>
<td>• Financial assistance – programs</td>
</tr>
<tr>
<td>Total Cases</td>
<td>Total Cases</td>
<td></td>
</tr>
<tr>
<td>466.6K</td>
<td>4.3M</td>
<td></td>
</tr>
<tr>
<td>Total Deaths</td>
<td>Total Deaths</td>
<td></td>
</tr>
<tr>
<td>8,518</td>
<td>148.3K</td>
<td></td>
</tr>
</tbody>
</table>

### L.A. TESTING UPDATES

<table>
<thead>
<tr>
<th>BEDS</th>
<th>SHELTERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>678</td>
<td>41.6%</td>
</tr>
<tr>
<td>561</td>
<td>89.0%</td>
</tr>
<tr>
<td>117</td>
<td>77.0%</td>
</tr>
<tr>
<td>Total Beds</td>
<td>11 shelters online as of 7/24</td>
</tr>
<tr>
<td>Acute Care</td>
<td>Tier 1 Housing - Emergency Hotels/Motels Countywide</td>
</tr>
<tr>
<td>ICU Beds</td>
<td>Tier 2 Housing - Iso. and Quarantine Hotels/Motels Countywide</td>
</tr>
</tbody>
</table>

**City Tests** (tests performed since last report)

**Available City Testing Capacity Today**

**City Tests** since 3/20

**Total City Sites Available Today**

**SIG Alert Traffic Patterns**

**Tier 1 Housing** - Emergency Hotels/Motels Countywide

**Tier 2 Housing** - Iso. and Quarantine Hotels/Motels Countywide
COVID-19 DATA SUMMARY

United States Update
California now has the most cases but in per capita cases, the South is now an epicenter, particularly Florida and Texas. The top five states, based on total cases, include:

1. **California**: 
   - **466,600** cases (+6,000) - **1179** per 100K people
   - **8,500** deaths (+73) - **21.5** per 100K people

2. **Florida**: 
   - **442,000** cases (+9,200) - **2075** per 100K people
   - **6,200** deaths (+191) - **29.3** per 100K people

3. **New York State**: 
   - **412,900** cases (+0,500) - **2112** per 100K people
   - **25,100** deaths (+9) - **128.6** per 100K people

4. **Texas**: 
   - **394,300** cases (+8,300) - **1373** per 100K people
   - **5,900** deaths (+164) - **20.5** per 100K people

5. **New Jersey**: 
   - **180,300** cases (+0,500) - **2023** per 100K people
   - **15,800** deaths (+21) - **177.6** per 100K people

Rounding out the top ten are: Georgia, Illinois, Arizona, Massachusetts, North Carolina

**California ranks ...**
- **1** in Cases
- **24** in Cases per 100K people
- **4** in Deaths
- **28** in Deaths per 100K people

Source: Los Angeles County Department of Health, COVID Tracking Project
Prepared by Mayor’s Innovation Team
Top 5 per capita (per 100K) cases by County:

**Rockland, New York (NYC Metro Area):** 4,248 cases per 100K (13,841 total cases)

**Miami-Dade, Florida:** 3,950 cases per 100K (107,315 total cases)

**Westchester, New York (NYC Metro Area):** 3,700 cases per 100K (35,799 total cases)

**Passaic, New Jersey (NYC Metro Area):** 3,453 cases per 100K (17,327 total cases)

**Nassau, New York (NYC Metro Area):** 3,170 cases per 100K (43,017 total cases)

**Los Angeles, California:** 1,753 cases per 100K (176,028 total cases)

*Los Angeles County ranks #53 out of 229 counties with 300K+*
COVID-19 US Deaths - Per Capita County Comparison (Counties >300K ppl)
As of July 27, 2020, 3:00 PM • One day lag

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

**New York City, New York**: 281.9 deaths per 100K (23,500 total deaths)

**Essex, New Jersey (NYC Metro Area)**: 263.2 deaths per 100K (2,103 total deaths)

**Passaic, New Jersey (NYC Metro Area)**: 248.5 deaths per 100K (1,247 total deaths)

**Union, New Jersey (NYC Metro Area)**: 242.1 deaths per 100K (1,347 total deaths)

**Hudson, New Jersey (NYC Metro Area)**: 223.4 deaths per 100K (1,502 total deaths)

**Los Angeles, California**: 43.6 deaths per 100K (4,375 total deaths)

Los Angeles County ranks #75 out of 229 counties with 300K+

Source: Los Angeles County Department of Public Health, Johns Hopkins University
Prepared by Mayor’s Innovation Team
Key Takeaways:
Los Angeles County currently has a 2.5% mortality rate. The estimated infection rate is 0.94 (ideal is <1.0)

New cases numbers for 7/23, 7/24, 7/26, 7/27, 7/28 do not include certain cases due to a data backlog from certain labs.
Key Takeaways:
The past seven days have seen an average daily increase of 2,472 new cases

The past seven days have seen an average daily increase of 41 new deaths

New cases numbers for 7/23, 7/24, 7/26, 7/27, 7/28 do not include certain cases due to a data backlog from certain labs.

LOS ANGELES COUNTY UPDATE

COVID-19 Los Angeles County Total Cases and Total Deaths, 7-Day Average
As of July 28, 2020, Noon

Source: Los Angeles County Department of Public Health

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.

Prepared by Mayor’s Innovation Team
CASES BY AGE - 3/18 to 7/22

DEATHS BY AGE - 3/28 to 7/22

Source: Los Angeles County Department of Public Health
*Missing cases/deaths data by demographic from 7/2-7/3
Prepared by Mayor’s Innovation Team
Key Takeaways:

- Data is incomplete with 38.0% of cases and 0.6% of deaths still under investigation.

- People 18-65 and Hispanic/Latinos are overrepresented in cases.

- Seniors, Men, and African Americans are overrepresented in deaths.

- 4,061 out of 4,375 deaths had comorbidities (underlying conditions) (92.8%).

Source: Los Angeles County Department of Public Health, US Census Bureau

*No data for age demographics from 7/23-7/25.

**Department of Public Health category Under Investigation or Not Otherwise Listed filtered out of analysis. Approximations are made on Census data to accommodate county age buckets. Percentage of cases and deaths under investigation is based on the race category.
Key Takeaways:
From 5/1 to 7/26

- Hispanic/Latino share increased by 8.6%
- White share decreased by 3.7%
- Asian share decreased by 3.5%
- Black share decreased by 1.4%
- Other Races share decreased by 0.1%
- Native Hawaiian/Pacific Islander share decreased by 0.1%
- American Indian/Alaska Native share increased by 0.2%
COVID-19 • CITY + COUNTY + STATE VIEW

New & Total Cases
Key Takeaways:

- 6,000 new cases reported in CA since yesterday (1.3% increase)
- LA County has 38.29% of cases in CA with 2,708 new cases (1.5% increase)
- The City of LA has 15.52% of cases in CA with 753 new cases (1.1% increase)

As of July 28, 2020, 1:00 PM

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

Prepared by Mayor’s Innovation Team
**Key Takeaways:**
The past seven days have seen an average daily increase of 2,472 new cases.

New cases numbers for 7/23, 7/24, 7/26, 7/27, 7/28 do not include certain cases due to a data backlog from certain labs.

**Note:** Daily numbers may show a discrepancy when performing basic addition. This is based on the fact that the County is performing ongoing investigation into cases and updating their daily case numbers but not updating historic case numbers.

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**CASES**

COVID-19 Los Angeles County Total New Cases
As of July 28, 2020, 12:00 PM

Source: Los Angeles County Department of Public Health

**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.

Prepared by Mayor’s Innovation Team
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Key Takeaways

Yesterday saw a case increase of 1.5%

The past seven days have seen an average daily case increase of 1.4%

New cases numbers for 7/23, 7/24, 7/26, 7/27, 7/28 do not include certain cases due to a data backlog from certain labs.

Source: Los Angeles County Department of Public Health

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.

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COVID-19 • LOS ANGELES COUNTY

New & Total Deaths
Key Takeaways:

- 73 new deaths reported in CA from 7/27 to 7/28 (0.9% increase)

- LA County has 52.0% of deaths in CA with 51 new deaths from 7/27 to 7/28 (1.2% increase)

- The City of LA has 24.1% of deaths in CA; 21 new deaths reported from 7/27 to 7/28 (1.0% 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 11th, with prior cases aggregated to day 1. LA City death count lags several days.

Prepared by Mayor’s Innovation Team

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Key Takeaways:
The past seven days have seen an average daily increase of 41 new deaths

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 11th, with prior cases aggregated to day 1. LA City death count lags several days.

Prepared by Mayor’s Innovation Team
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Key Takeaways:
Yesterday saw a death increase of 1.2%

The past 7 days have seen an average daily death increase of 0.9%

Source: Los Angeles County Department of Public Health

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.

Prepared by Mayor’s Innovation Team
Key Takeaways:
Since their respective minimums in late May:

LA County’s positive rate has increased 1.9 percentage points to 9.8%

LA City’s positive rate has increased 2.5 percentage points to 6.9%

Source: Los Angeles County Department of Public Health. Recent dates are incomplete due to lags in reporting.
Persons Tested are derived from Electronic Lab Reporting (ELR) data. Positive Persons will not equal total cases because not all laboratories report results through ELR.

Prepared by Mayor’s Innovation Team
Key Takeaways:
• At least 908,033 tests have been performed at City of Los Angeles since 3/20

• In LA County overall, at least 1,649,442 tests have been performed in the County of Los Angeles since 3/20

• At least 16,900 tests were performed on 7/27

• 58,728 of the 871,102 people for which results were received were positive (6.9%)

• NOTE: Several testing sites were closed over the July 4th holiday weekend

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

Prepared by Mayor’s Innovation Team
Key Takeaways:

- The overall positive testing rate for City of LA sites peaked on 4/27 with a rate of 7.8%
- The overall positive testing reached its lowest rate of 4.3% on 5/31
- The current positive rate is 6.9% and trending upward
Key Takeaways:
• The overall positive rate for Los Angeles County peaked on 4/8 with a rate of 13.4%
• The positive testing reached its lowest rate of 7.7% on 5/27
• The overall cumulative % positive persons tested as of 7/27 is 9.8%
• The overall cumulative % positive specimens tested as of 7/27 is 7.4%
• The 7-day average daily % positive persons as of 7/27 is 14.1%
• The 7-day average daily % positive specimens as of 7/27 is 8.9%

Source: Los Angeles County Department of Public Health. Recent dates are incomplete due to lags in reporting. Persons Tested are derived from Electronic Lab Reporting (ELR) data. Positive Persons will not equal total cases because not all laboratories report results through ELR.
Positive testing rates are on the rise for Angelenos of all ages

Key Takeaways:
Current Positive Rates by Age Group
- **18.8%** for ages 0-17
- **10.6%** for ages 18-40
- **10.4%** for ages 41-65
- **7.8%** for ages 65+

Weekly Positive City Testing by Age
As of July 24, 2020 • Four day lag

Source: Healthvana
Prepared by Mayor’s Innovation Team
Positive rate continues to climb for both symptomatic and asymptomatic people

Key Takeaways:
- Individuals experiencing symptoms are testing positive at a rate of 14.6%
- Individuals not experiencing symptoms are testing positive at a rate of 6.9%
- The overall positive rate for symptomatic and asymptomatic individuals is 11.2%*

*Overall positive rate only includes data with complete symptomatic/asymptomatic information
Key Takeaways:
Positive Testing Rates from 6/23 to 7/25

- Hispanic/Latino—14.2%
- White—3.4%
- Asian—3.3%
- Black—6.3%
- Other—8.2%
- Native Hawaiian/Pacific Islander—4.8%
- American Indian/Alaska Native—12.1%
- Multi-racial—3.9%

- Overall Positive Rate: 10.4%

Source: Healthvana
*Only data with complete race/ethnicity information was included

Prepared by Mayor’s Innovation Team
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Key Takeaways:
• **2,045** currently hospitalized patients*

• Since 7/21, there has been a **7.5% decrease** in hospitalized patients

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**Hospitalized COVID-19 Patients**
As of July 27, 2020 • One day lag

Source: California Open Data Portal
*Hospitalizations in county press conferences often reported with two-day lag
**There are additional patients in hospitals that are COVID-19-suspected

Prepared by Mayor’s Innovation Team
Page 33
Key Takeaways:

- At least **13,216 people** have been hospitalized since 3/18
- **144 new hospitalizations** as of 7/26 (1.1% increase)
Key Takeaways:
• An average of 174 people were hospitalized daily due to COVID-19 between 7/20-7/26

• The new 7-day rolling average decreased by 9.7% compared to last week’s average

Source: County HavBed Bed Tracking and Los Angeles County Department of Public Health Services
Prepared by Mayor’s Innovation Team
Key Takeaways:

- **8.7% increase** in available acute care beds. Surge capacity is 11,482.

- **12.5% increase** in available ICU beds. Surge capacity is 4,067.

- **1.4% increase** in available ventilators. Surge capacity is 3,199.

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

Prepared by Mayor’s Innovation Team.
Hospital Bed and Equipment Capacity for LA County
As of July 27, 2020 • One day lag

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

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

Prepared by Mayor’s Innovation Team
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HOSPITALIZATIONS

Hospital Bed and Equipment Capacity for LA County
As of July 27, 2020 • One day lag

VENTILATORS

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

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

Prepared by Mayor’s Innovation Team
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Key Takeaways:
• At least 5,390 visits made as of 7/27*:
  • DSW Visited Locations: 2,903
  • LAPD Visited Applications: 2,487
  • Complaint Applications: 105
  • DWP Checks: 381
  • DWP Shut Offs: 2

*Program on hold from May 29-July 21

Source: City of Los Angeles
Prepared by Mayor’s Innovation Team
Hotline Services - 311 Calls
As of July 27, 2020 • One day lag
### Senior Meals
**As of May 29, 2020**
- FEMA
- LADOA
- Everytable
- Local Restaurants

- **20,320** seniors have enrolled to receive meals
- **20** restaurants are registered to deliver food so far, in addition to FEMA and Everytable

- **20,320** individuals continue to receive 10 meals a week from the City

**Note:** New enrollments to this initiative are on pause due to capacity

### Mayor’s Hotline
**As of May 29, 2020**
- Mayor’s Office

- **67** total volunteers answering calls
- **946** volunteer shifts completed

- **22,023** calls answered

**Note:** This program has been closed

### Angeleno Card
**As of June 30, 2020**
- Mayor’s Fund for Los Angeles

- **37,813** cards distributed
- **$36,724,200** distributed

- **104,122** individuals served

**Note:** This program has reached its capacity
COVID-19 • Los Angeles City Overview

Behavior Analysis
Los Angeles Traffic
Continued increase to traffic but still lower than usual non-COVID levels of traffic

Monday 7/27, 5:16 PM

Tuesday 7/28, 8:47 AM

Source: SigAlert.com
Prepared by Mayor’s Innovation Team
Page 44
Domestic violence crime is defined as "Intimate Partner - Simple Assault" and "Intimate Partner - Aggravated Assault" crimes.

**LOS ANGELES CRIME - 2020 VS. 2019**

15.1% reduction in overall crime (since 3/12/2020)

**LOS ANGELES PART I CRIME - 2020 VS. 2019**

10.5% reduction in Part I Crime (since 3/12/2020)

**LOS ANGELES DV CRIMES - 2020 VS. 2019**

13.0% reduction in reported domestic violence crime* (since 3/12/2020)

**BEHAVIORAL ANALYSIS**

As of July 24, 2020 (four day lag)

**LA Arrest Data**

Remains down over 2019 but less so in recent months

*Domestic violence crime is defined as “Intimate Partner - Simple Assault” and “Intimate Partner - Aggravated Assault” crimes.
Key Takeaways:
• Walking direction requests have increased by 1%
• Driving direction requests have decreased by 8%
• Transit direction requests have decreased by 63%

Source: Apple COVID-19 Mobility Trends Report
Prepared by Mayor’s Innovation Team
Key Takeaways:
The percentage of people staying home jumped significantly during the weekend of 3/14 coinciding with closures of various public locations.

As of 7/24, 38% of residents were staying home.

Source: Safegraph

Prepared by Mayor’s Innovation Team
COVID-19 • Los Angeles City Overview

Economic Analysis
Key Takeaways:
• **41.1K** new claims from 6/28-7/4, 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

New Unemployment Insurance (UI) Claims for the City of Los Angeles
As of July 4, 2020

Source: California EDD
Prepared by Mayor’s Innovation Team
Key Takeaways:
- June unemployment (seasonally-adjusted) estimated at 19.4% for LA County (19.8% for LA City). Both numbers are slightly lower than last month but much higher than the 2019 equivalent.
- 829.5K total claims for Unemployment Insurance (UI) and Pandemic Unemployment Assistance (PUA) in 2020.
% Change vs 2019: 10.8% decrease
• Jan to June 2019: $286,797,792
• Jan to June 2020: $255,809,435

% Change for COVID-19 months: 22.9% decrease
• March to June 2019: $185,288,346
• March to June 2020: $142,891,410

Key Takeaways:
Sales Tax Revenues from 2019-2020
• June 2020 decreased by 13.1%
• May 2020 decreased by 50.4%
• April 2020 decreased by 17.4%
• March 2020 decreased by 9.6%
• February 2020 increased by 22.5%
• January 2020 decreased by 2.1%
End of Report
July 28, 2020