S-1 Board of Supervisors Briefing
Dr. Barbara Ferrer, Director
Los Angeles County Department of Health
Wednesday, September 15th, 2021
# Current Status
*(numbers as of September 14th, 2021)*

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deaths Reported Today</td>
<td>27</td>
</tr>
<tr>
<td>Total Deaths</td>
<td>25,713</td>
</tr>
<tr>
<td>Cases Reported Today</td>
<td>1,725</td>
</tr>
<tr>
<td>Total Cases</td>
<td>1,435,163</td>
</tr>
<tr>
<td>Total People Tested</td>
<td>8,382,009</td>
</tr>
<tr>
<td>Daily Test Positivity Rate</td>
<td>1.47%</td>
</tr>
<tr>
<td>7-Day Daily Average Case Rate*</td>
<td>15.2</td>
</tr>
<tr>
<td>Currently Hospitalized</td>
<td>1,224</td>
</tr>
</tbody>
</table>

*As of 8/12/21*
Case Rate* per 100,000 for LAC** Residents 12+ by Vaccination Status*** and Race/Ethnicity
May 1 – August 28, 2021

*Rolling 7-Day cumulative crude case rate
**Excluding Long Beach and Pasadena
***Excludes 3,628 partially vaccinated cases, 4% of all cases with available data

Unvaccinated Latinx
Vaccinated Latinx
Unvaccinated White
Vaccinated White
Unvaccinated Black
Vaccinated Black
Unvaccinated Asian
Vaccinated Asian
Case Rate* per 100,000 for LAC** Adults by Vaccination Status*** and Age Group
May 1 – August 28, 2021

*Rolling 7-Day cumulative crude case rate
**Excluding Long Beach and Pasadena
***Excludes 4,463 partially vaccinated cases, 4% of all cases with available data

Cases per 100,000


Unvaccinated 18-49
Unvaccinated 50+
Vaccinated 18-49
Vaccinated 50+

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Hospitalization Rate* per 100,000 for LAC** Residents 12+ by Vaccination Status*** and Race/Ethnicity
May 1 – August 28, 2021

*Rolling 7-Day cumulative crude hospitalization rate
**Excluding Long Beach and Pasadena
***Excludes 206 partially vaccinated hospitalized cases, 3% of all hospitalized cases with available data
Hospitalization Rate* per 100,000 for LAC** Adults by Vaccination Status*** and Age Group
May 1 – August 28, 2021

*Rolling 7-Day cumulative crude hospitalization rate
**Excluding Long Beach and Pasadena
***Excludes 240 partially vaccinated hospitalized cases, 3% of all hospitalized cases with available data

Unvaccinated 18-49
Unvaccinated 50+
Vaccinated 18-49
Vaccinated 50+

Hospitalizations per 100,000

05/01/2021 05/08/2021 05/15/2021 05/22/2021 05/29/2021 06/05/2021 06/12/2021 06/19/2021 06/26/2021 07/03/2021 07/10/2021 07/17/2021 07/24/2021 07/31/2021 08/07/2021 08/14/2021 08/21/2021 08/28/2021

9/15/2021
Death Rate* per 100,000 for LAC** Residents 12+ by Vaccination Status*** and Race/Ethnicity
May 1 – August 21, 2021

*Rolling 7-Day cumulative crude death rate
**Excluding Long Beach and Pasadena
***Excludes 24 partially vaccinated deaths, 3% of all deaths with available data
Death Rate* per 100,000 for LAC** Adults by Vaccination Status*** and Age Group
May 1 – August 21, 2021

*Rolling 7-Day cumulative crude death rate
**Excluding Long Beach and Pasadena
***Excludes 24 partially vaccinated deaths, 3% of all deaths with available data

Deaths per 100,000

Unvaccinated 18-49
Unvaccinated 50+
Vaccinated 18-49
Vaccinated 50+

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Case, Hospitalization, and Death Rates per 100,000 People Aged 12 and Over and Rate Ratios by Vaccine Status and Month

<table>
<thead>
<tr>
<th></th>
<th>Cases</th>
<th>Hospitalizations</th>
<th>Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Unvaccinated</td>
<td>Fully vaccinated</td>
<td>Unvaccinated</td>
</tr>
<tr>
<td></td>
<td>Rate ratio</td>
<td></td>
<td>Rate ratio</td>
</tr>
<tr>
<td>August 2021</td>
<td>1,896</td>
<td>450</td>
<td>149</td>
</tr>
</tbody>
</table>

1[outcome rate in unvaccinated people] / [outcome rate in vaccinated people]
### Where Can We Close Vaccination Gaps?

**Percent of LA County Residents With 1 Dose of Vaccine by Age and Race/Ethnicity as of September 5th, 2021**

<table>
<thead>
<tr>
<th></th>
<th>12-15</th>
<th>16-17</th>
<th>18-29</th>
<th>30-49</th>
<th>50-64</th>
<th>65-79</th>
<th>80+</th>
<th>Entire racial/ethnic group&lt;sup&gt;2&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black/African American</td>
<td>35</td>
<td>38</td>
<td>36</td>
<td>48</td>
<td>60</td>
<td>73</td>
<td>64</td>
<td>51%</td>
</tr>
<tr>
<td>Latinx</td>
<td>48</td>
<td>55</td>
<td>51</td>
<td>58</td>
<td>71</td>
<td>83</td>
<td>63</td>
<td>60%</td>
</tr>
<tr>
<td>American Indian/Alaska Native&lt;sup&gt;1&lt;/sup&gt;</td>
<td>68</td>
<td>71</td>
<td>73</td>
<td>77</td>
<td>65</td>
<td>75</td>
<td>71</td>
<td>72%</td>
</tr>
<tr>
<td>White</td>
<td>61</td>
<td>70</td>
<td>66</td>
<td>68</td>
<td>65</td>
<td>86</td>
<td>75</td>
<td>70%</td>
</tr>
<tr>
<td>Asian</td>
<td>87</td>
<td>89</td>
<td>82</td>
<td>78</td>
<td>78</td>
<td>87</td>
<td>70</td>
<td>80%</td>
</tr>
<tr>
<td>Entire age group&lt;sup&gt;3&lt;/sup&gt;</td>
<td>62%</td>
<td>69%</td>
<td>66%</td>
<td>74%</td>
<td>79%</td>
<td>95%</td>
<td>80%</td>
<td>75%</td>
</tr>
</tbody>
</table>

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1. Likely an overestimate due to inclusion of multiracial people
2. LAC residents 12 and older (including Long Beach and Pasadena)
3. Subgroup data for NHOPI, multiracial, other, and unknown categories included in overall count but not displayed due to likely inaccurate estimates
First Doses Administered Weekly Among All Eligible Persons as of September 5th, 2021

- **65+ opened**
- **Phase 1B**
- **J&J pause**
- **50+, universal in hard-hit areas**
- **12-15 start Blueprint reopening**
- **Beyond the Blueprint reopening**

COVID-19 surge

1st doses administered

1st doses administered weekly from Dec 14-Dec 20 to Aug 30-Sep 5.
DPH Vaccination Sites by HPI Plus ZIP Code
September 5th-18th, 2021

Los Angeles County
Department of Public Health
Vaccination Site Schedule
9/05-9/18/21
n=1,363

- LAC Health Centers and PO DS (n=12)
- LA City, RPLDs (n=4)
- Hospital Vaccination Sites (n=8)
- Pharmacies (n=772)
- Community and Public Clinics (n=106)
- Multi-County Health Systems (n=20)
- Preston Ref (n=8)
- Other (n=45) Train, Schools

Zip Codes
HPI Plus

[Map of Los Angeles County with vaccination site locations marked]

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Mobile Vaccination Visits
September 10th-17th, 2021
### Outreach and Education in Partnership with Community- and Faith-Based Organizations

<table>
<thead>
<tr>
<th>Program</th>
<th>Resources allocated</th>
<th>Outreach conducted</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Community Health Worker Outreach Initiative</strong></td>
<td>• $42.2 million&lt;br&gt;• 467 CHWs onboarded to date (in cycles over course of program)</td>
<td>&gt;15,000 outreach activities reaching ~1.3 million people (5/1/21-9/5/21)&lt;br&gt;• 5,500 vaccine appointments scheduled&lt;br&gt;• PPE distributed: &gt;500K masks, &gt;250K hand sanitizers, &gt;25K wipes&lt;br&gt;• Vaccine info sessions with Dr. Eloisa Gonzalez (~100 CHW participated)</td>
</tr>
<tr>
<td><strong>Grassroots Grants Program</strong></td>
<td>• Microgrants ($5,000) totaling ~$640,000</td>
<td>141 organizations benefiting (101 community-based orgs and 40 faith-based orgs)</td>
</tr>
<tr>
<td><strong>Faith-based organization (FBO) outreach</strong></td>
<td>• 435 mobile unit visits (as of 9/9/21)</td>
<td>• 44,000 doses administered at FBO clinics; 80,000 total forecasted&lt;br&gt;• 118 clinics scheduled through mid-October in 6 highly impacted areas (Norwalk, Lancaster, South AV, Glendale, Compton, Pomona)</td>
</tr>
<tr>
<td><strong>Public Health Councils</strong></td>
<td>• $3.37 million allocated&lt;br&gt;• 51 community worker organization staff have been trained on Covid-19 transmission and infection control, how to address vaccination concerns, et al.</td>
<td>4,543 outreach events (as of 9/8/21):&lt;br&gt;• Info sharing (2,857)&lt;br&gt;• Educational conversations with coworkers (1,417) and employers (269)&lt;br&gt;14 worker’s centers: vaccine education and clinics, messaging practice sessions and technical assistance</td>
</tr>
<tr>
<td><strong>COVID-19 Equity Fund (partnership with DHS)</strong></td>
<td>• $10 million budget (DPH)</td>
<td>• In-person outreach: 2,381 events reaching &gt;200K people&lt;br&gt;• Virtual outreach: 4,932 events reaching nearly 1.3 million people&lt;br&gt;• PPE distributed: &gt;300K face masks, &gt;32K hand sanitizers</td>
</tr>
</tbody>
</table>
Real-world numbers:
- 55-65% of all LAC residents had received ≥1 dose
- ~157,000 cases
- ~940 deaths

Model projections:
- If nobody had been vaccinated:
  - ~2.6 million cases
  - ~200,000 hospitalizations
  - ~38,000 ICU admissions
  - ~13,000 deaths
- If everybody had been vaccinated:
  - ~28,000 cases
  - ~800 hospitalizations
  - ~200 ICU admissions
  - ~80 deaths

Model projects LAC would have had ~6x fewer cases and 12x fewer deaths if everyone in LAC had been vaccinated during this period

*Horn and Conti, unpublished data, 9/10/21
## Recent Local and Federal Vaccine Mandates

<table>
<thead>
<tr>
<th>Location</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Los Angeles Unified School District</strong>  &lt;br&gt; 9/9/21</td>
<td>All students 12 and older in LAUSD schools <strong>required to be fully vaccinated</strong> by December 19, 2021</td>
</tr>
<tr>
<td><strong>City of Los Angeles</strong> 8/11/21 8/20/21</td>
<td>• Voted to explore an ordinance <strong>requiring proof of vaccination</strong> from all people entering most indoor public spaces  &lt;br&gt;    • All city employees <strong>required to be vaccinated</strong> by 10/5/21</td>
</tr>
<tr>
<td><strong>City of West Hollywood</strong> Pending ratification 9/20/21</td>
<td>All adults entering indoor food/drink or personal care establishments, fitness centers <strong>required to be vaccinated</strong></td>
</tr>
<tr>
<td><strong>Los Angeles County</strong> 8/5/21 8/12/21</td>
<td>• All county employees <strong>required to be vaccinated</strong> by 10/1/21 by Board Chair Executive Order  &lt;br&gt;    • All health care workers (including EMTs, paramedics and dental workers) and home health care workers <strong>required to be vaccinated</strong> by 9/30/21</td>
</tr>
<tr>
<td><strong>State of California</strong> 8/11/21</td>
<td>All school employees <strong>required to be fully vaccinated</strong> by 10/15/21</td>
</tr>
<tr>
<td><strong>White House</strong> 9/9/21</td>
<td>All employers with 100+ employees:  &lt;br&gt; • <strong>Required to verify vaccination</strong> or weekly negative test for all employees in coming weeks  &lt;br&gt;    • Required to provide paid time off for vaccination and any recovery time  &lt;br&gt; <strong>Vaccination required</strong> among:  &lt;br&gt;    • All federal workers and contractors  &lt;br&gt;    • All healthcare workers in health care settings participating in Medicare and Medicaid  &lt;br&gt; Large entertainment venues asked to <strong>verify vaccination</strong> or recent negative test for entry</td>
</tr>
</tbody>
</table>
Proposed Targeted Vaccination Mandate for High-Risk Settings

• Require vaccine verification or a negative test <72 hours prior at outdoor mega events for participants and employees

• Require vaccine verification for customers and employees at indoor portions of bars, wineries, breweries, nightclubs, and lounges (establishments with either no restaurant permit or a low-risk restaurant permit)

• Strongly recommend vaccine verification at indoor portions of restaurants

• Maintain indoor masking requirement

9/15/2021