COVID-19 Update:
San Francisco Re-opening Plan
Health Commission Meeting
June 2, 2020

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COVID-19 cases per day (left) and hospitalization census (right), San Francisco
San Francisco’s Approach to Reopening

- State Resilience Roadmap as a building block
- Economic Recovery Task Force (ERTF)
- Incremental opening gated with health indicators
- Time increments between “gates” (4 weeks)
- Considers risks and mitigations
- Preference for regional coordination
Where **might** we be going? (if Rt increases *moderately* with phased re-opening)

- **Not a lot of room for error:** assumes as we lift Shelter in Place, we are able to keep Rt lower than it was during early March.
- **Hospitalization data are not a good basis for course correction:** too much delay.

Current Rt: Median 0.85 (5th 0.81, 95th 0.95)

Assume Rt increases June 1 **Median 1.29** (5th 1.15, 95th 1.42)

~4 week delay to detect loss of epidemic control
California Resilience Roadmap

STAGE 1: Safety and preparedness

STAGE 2: Lower-risk workplaces

STAGE 3: Higher-risk workplaces

STAGE 4: End of Stay Home Order
Sample view of risk scoring by the Economic Recovery Task Force

<table>
<thead>
<tr>
<th>Category (San Francisco specific)</th>
<th>Contact Risk</th>
<th>Modification: Ability to mitigate risk</th>
<th>Total Risk Score</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Contact Proximity</td>
<td>Contact Length</td>
<td>Contact Volume</td>
</tr>
<tr>
<td>Offices</td>
<td>1.0</td>
<td>1.0</td>
<td>2.0</td>
</tr>
<tr>
<td>Pet Services</td>
<td>2.0</td>
<td>1.0</td>
<td>1.0</td>
</tr>
<tr>
<td>Botanical gardens &amp; outdoor historical sites</td>
<td>2.0</td>
<td>1.0</td>
<td>2.0</td>
</tr>
<tr>
<td>Nature, parks, beaches, and other outdoor spaces</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
</tr>
<tr>
<td>Non-essential manufacturing</td>
<td>1.0</td>
<td>2.0</td>
<td>3.0</td>
</tr>
<tr>
<td>Wholesale trade, leasing, &amp; logistics</td>
<td>2.0</td>
<td>2.0</td>
<td>2.0</td>
</tr>
<tr>
<td>Retailers</td>
<td>2.0</td>
<td>1.0</td>
<td>2.0</td>
</tr>
<tr>
<td>Restaurants</td>
<td>2.0</td>
<td>2.0</td>
<td>2.0</td>
</tr>
</tbody>
</table>

Larger numbers have a higher risk; using Johns Hopkins definitions; assuming business are doing the mitigation activities.

Larger numbers have a higher difficulty; using Johns Hopkins definitions.

Total Risk Score calculated as

\[
\text{San Francisco Total Score} = (0.4 \times \text{Contact Risk Score}) + (0.6 \times \text{Modification Score})
\]
## State Stages are guide SF’s re-opening Phases

<table>
<thead>
<tr>
<th>Phase 2 (State Stage 2)</th>
<th>Phase 3</th>
<th>Phase 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Phase 2 (2a: June 1st and 2b: June 15th)</td>
<td>Expanded Phase 2 (2c: July 13th) (County-specific plan required to move faster)</td>
<td>(Mid August)</td>
</tr>
<tr>
<td><strong>Lower-risk workplaces</strong></td>
<td><strong>Higher-risk workplaces</strong></td>
<td><strong>End of Stay Home Order</strong></td>
</tr>
<tr>
<td>Gradually reopen retail (curbside only), manufacturing &amp; logistics. Later, relax retail restrictions, adapt &amp; reopen schools, childcare, offices &amp; limited hospitality, personal services.</td>
<td>Adapt and reopen movie theaters, religious services, &amp; more personal &amp; hospitality services.</td>
<td>Reopen areas of highest risk: e.g. Concerts, conventions, sports arenas.</td>
</tr>
</tbody>
</table>

- **Curb-side retail**
- **Manufacturers**
- **Logistics**
- **Childcare** for nonessential workforce
- **Select services:** car washes, pet grooming, and landscape gardening
- **Outdoor** museums, and open gallery spaces and other public spaces with modifications
- **Office-based businesses** (telework remains strongly encouraged)
- **In-person religious services** (churches, weddings)

- **Destination retail,** including shopping malls and swap meets
- **Dine-in restaurants** (other amenities, like bars or gaming areas, are not permitted in Stage 2)
- **Schools with modifications**

- **Personal care** (hair and nail salons, gyms)
- **Entertainment venues** (movie theaters, sports without live audiences)

- **Concerts**
- **Conventions**
- **Live audience sports**
Summary of San Francisco Re-opening Plan
https://sf.gov/information/reopening-san-francisco

• Bounded by State phases
  • Allowable businesses or activities in State phases may change
  • Pace at which State moves through phases unpredictable

• Risk and potential to mitigate risk (risk stratification)

• Hard hit sectors
  • Viewing change in employment numbers
  • Ability for sectors to continue operating remotely or online

• Underlying sectors that are critical for reopening (e.g. childcare, education)

• Review pre-COVID employment numbers as marker for possible mobility

• Assume return of full workforce to pre-COVID-19 levels may be unlikely
How to re-open San Francisco

• Businesses and community
  • Face coverings
  • Physical distancing
  • Hand washing
  • Testing (role of asymptomatics)

• City and partners
  • Universal testing access
  • Early detection systems (cases)
  • Case and contact investigations
  • Orders, directives, best practices
Appendix
State Stage 2: Lower-risk workplaces

Gradually opening some lower risk workplaces with adaptations at a pace designed to protect public health and safety, starting with:

• Retail
• Manufacturing
• Offices (when telework not possible)
• Outdoor Museums
• Limited Personal Services

Limit time outside the home and travel only for permissible activities, such as healthcare, food, outdoor exercise and recreation (individuals and households only). Stage 1 and 2 work, and local shopping or other activities related to open sectors.
State Stage 3: Higher-risk workplaces

Phase in higher-risk workplaces at a pace designed to protect public health and safety, beginning with limited personal care and recreational venues (with workplace modifications).

Travel for permissible activities, such as healthcare, food, stages 1-3 work, and local or activities shopping related to open sectors.

Monitor critical indicators and alter scope of reopening if necessary to protect public health and safety.
State Stage 4: End of stay at home order

Gradually open larger gathering venues at a pace consistent with public health and safety, such as nightclubs, concert venues, and live audience sports.

Gradually resume remaining activities and travel.

Monitor critical indicators and alter scope of reopening if necessary to protect public health and safety.