

An aerial photograph of San Francisco, showing the city skyline, the bay, and the waterfront. The text is overlaid on the image.

SAFETY AND RESILIENCE ELEMENT 2021 UPDATE

SAN FRANCISCO GENERAL PLAN

MARKET & OCTAVIA COMMUNITY ADVISORY COMMITTEE (MO-CAC)
NOVEMBER 15, 2021



San Francisco
Planning

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THE OHLONE PEOPLES
AND THEIR NEIGHBORS
DISTRIBUTION OF TRIBELETS AND
LANGUAGES AT TIME OF CONTACT

Source: Wikipedia

LAND ACKNOWLEDGMENT

*We acknowledge that we
are on the **unceded**
ancestral homeland of
the **Ramaytush Ohlone**
who are the original
inhabitants of the San
Francisco Peninsula.*



AGENDA

- 1 San Francisco General Plan
- 2 Safety and Resilience Element (SRE)
- 3 SRE 2012 Update
- 4 Q&A and Discussion

WHAT IS THE GENERAL PLAN



General Plan: Foundation



Photo: Flickr user Pablo Fernandez (CC BY-NC-ND 2.0)

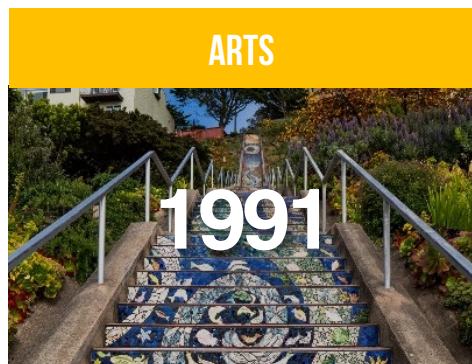
FOUNDATION

- Embodiment of San Francisco's **Vision for the Future**
- The General Plan provides a comprehensive vision, objectives, and policies that influence how we **live, work, play, move about**, and the **quality and character** of the city.
- Through public adoption, the General Plan reflects **community values** and **priorities**.
- Both **private development** and **public action** must conform to this vision.


General Plan Components: Last Update

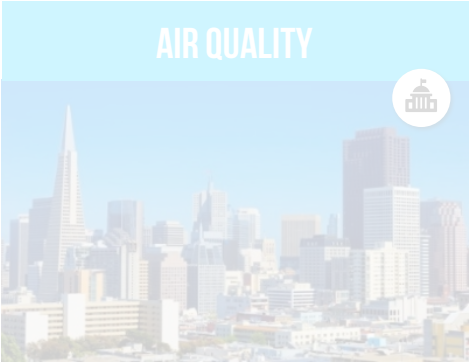
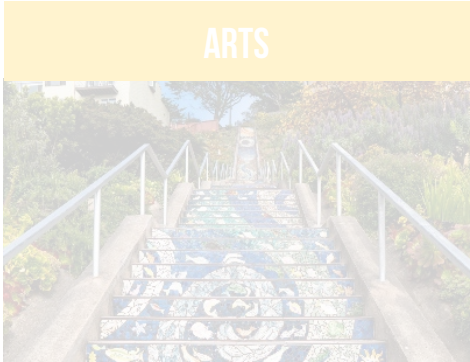


State mandated

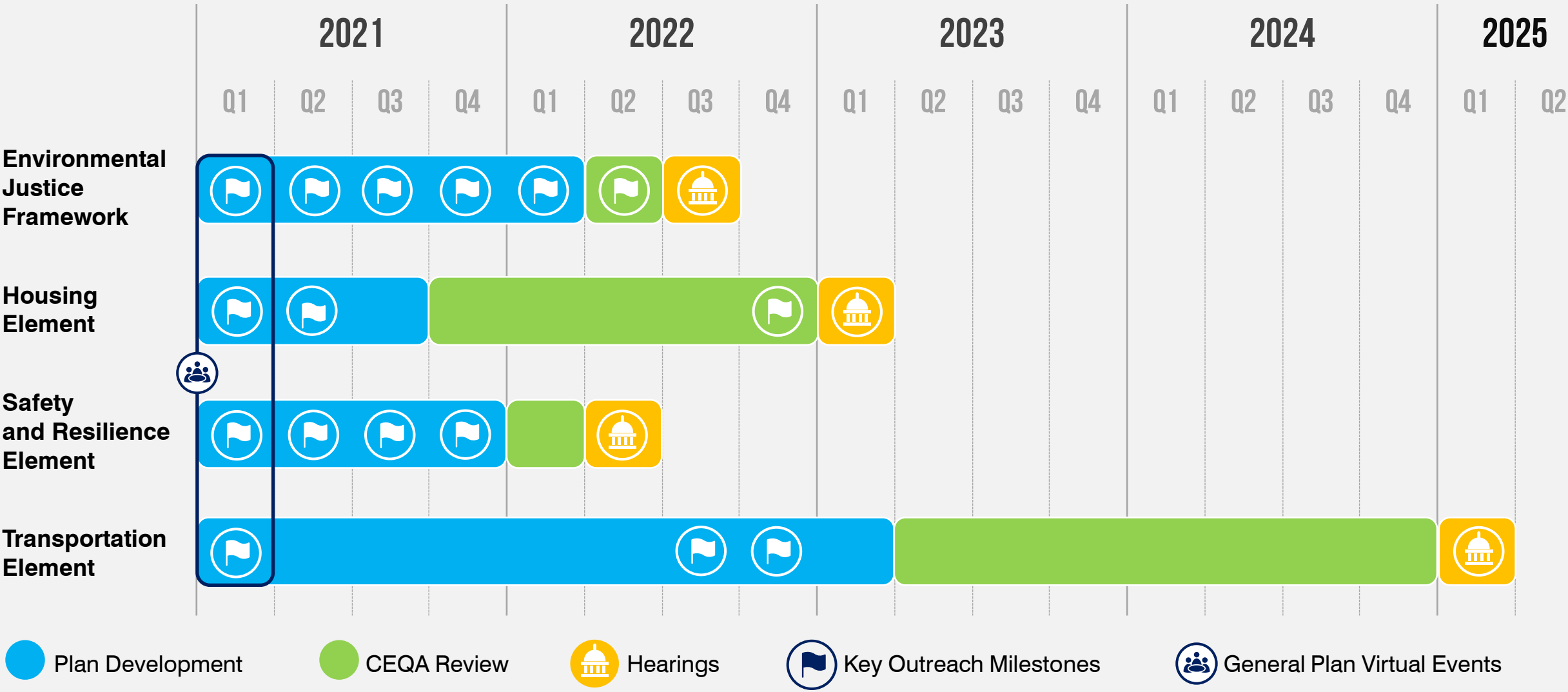


General Plan Components: **Planned Updates**

 State mandated



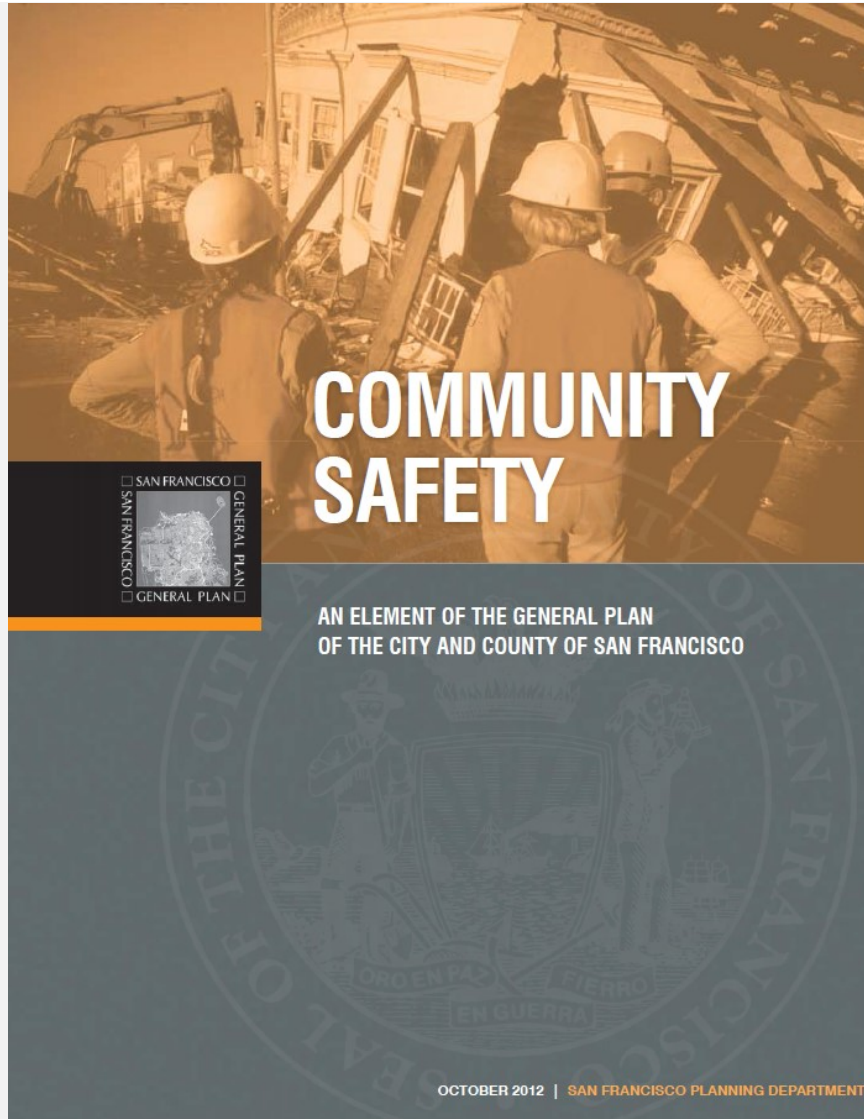
General Plan Updates - Combined Schedule



SAFETY AND RESILIENCE ELEMENT



Last Updated in 2012



COMMUNITY SAFETY ELEMENT (2012)

- Particularly strong in tackling **seismic hazards**
- Strong perspective on addressing **life safety**
- Increased focus on **recovery and reconstruction**

Why Now



SB379: Requires cities to update Safety Element with climate resilience



SB1000: Requires cities to update General Plan with Environmental Justice element or policies



Hazards and Climate Resilience Plan: Proposes over 90 strategies to mitigate risks and adapt to all hazards



Climate Action Plan: Roadmap becoming a net-zero city, per the Paris Climate Agreement



Increased focus on racial equity

- Creation of Office of Racial Equity
- Requirement for all Departments to create Racial Equity Plans
- Planning & Historic Preservation Commissions' resolutions to incorporate Racial & Social Equity into the General Plan

The Global Climate Crisis Hits Home

Drought & Wildfire



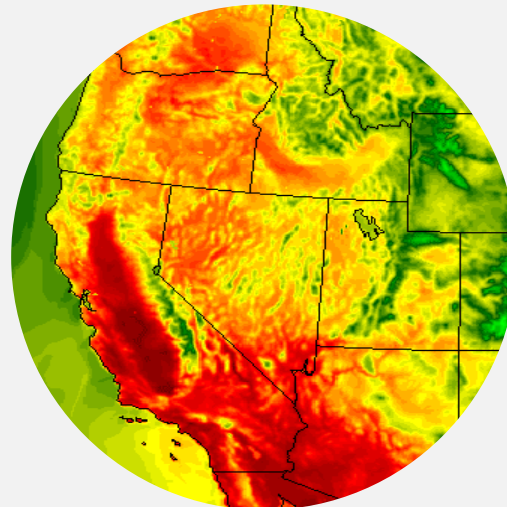
Poor Air Quality



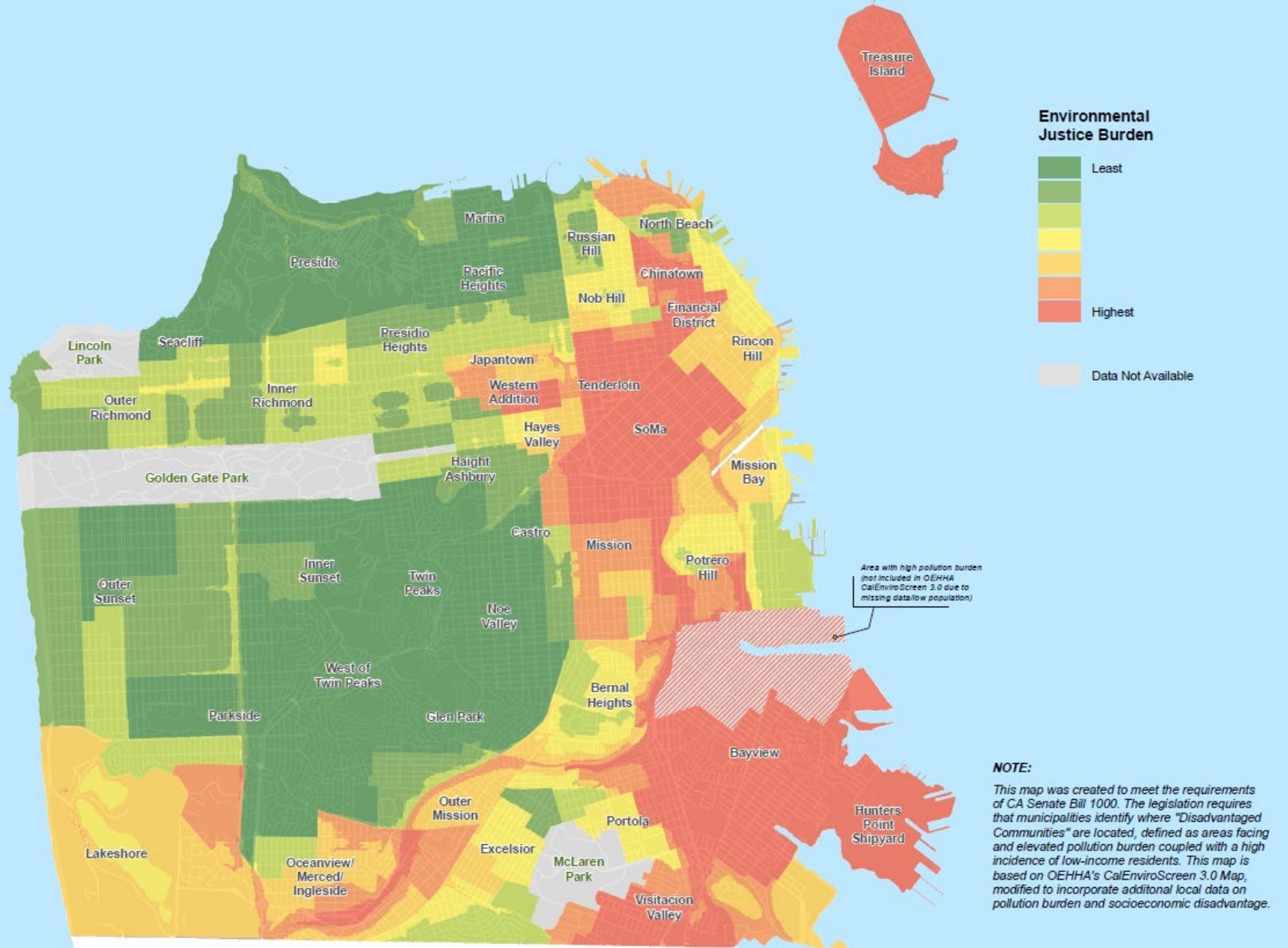
Sea Level Rise & Flooding



Extreme Heat



San Francisco Environmental Justice Communities Map



GOALS

- Use local data to show additional areas that are lower-income and face high pollution & other health challenges.
- Better align with maps by MTC, SFDPH, Rec & Park, and others.
- Designate areas where policies and resources could be directed to promote community health.
- Develop an analysis that could be easily replicated in the future.

Hazards and Climate Resilience Plan

- Assessment of SF's vulnerability to hazards, including climate change impacts risk and build resilience
 - [Story Map](#) to increase awareness and share information
 - Actionable strategies to mitigate risk and build resilience
- Federal and State requirements
 - FEMA to be eligible for General Assistance and grant funds
 - SB 379 Climate Vulnerability Assessment & Adaptation Planning
 - Climate Hazard Assessment & Adaptation Actions



Our Climate Targets



SFClimateAction.org

0 80 100



Zero waste

80% of trips via sustainable modes

100% renewable energy

Roots refers to the sequestration of carbon into vegetation and soils

Zero emissions by 2040

Advance **racial and social equity**

SF Resilience Projects Underway

(examples)



PORTSMOUTH SQUARE



WATERFRONT RESILIENCE PROGRAM



MISSION ROCK



OCEAN BEACH ADAPTATION



ISLAIS CREEK ADAPTATION STRATEGY



CRANE COVE PARK — OPEN!

SRE 2021 UPDATE



This Work Strengthens Resilience to All Hazards

GEOLOGICAL



EARTHQUAKE



TSUNAMI



LANDSLIDE



DAM OR RESERVOIR
FAILURE

WEATHER-RELATED



FLOODING



HIGH WIND



EXTREME HEAT



DROUGHT

FIRE-RELATED



LARGE URBAN FIRE



WILDFIRE



POOR AIR QUALITY

BIOLOGICAL & TOXIC



PANDEMIC



HAZARDOUS
MATERIALS

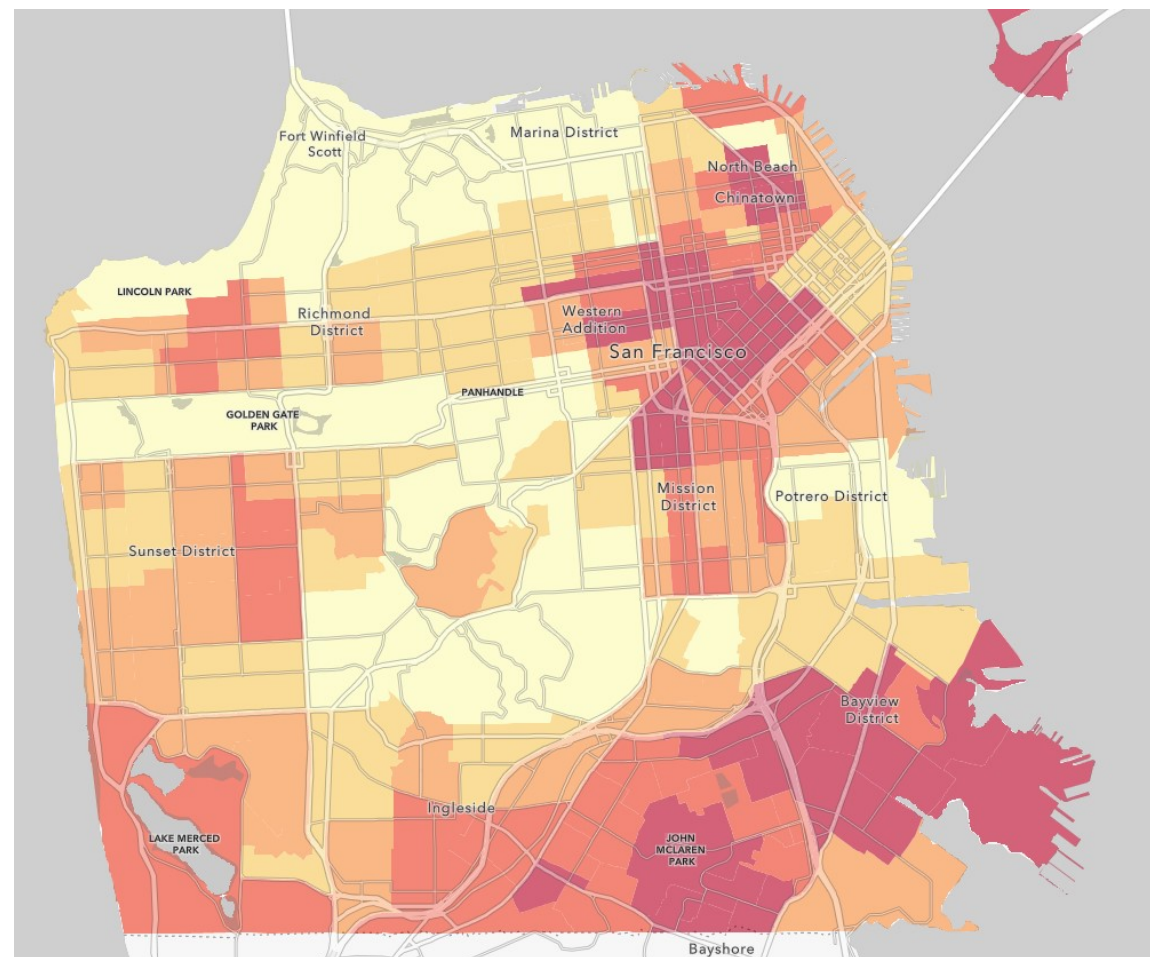
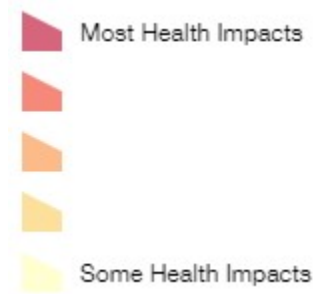
Existing Topics

ELEMENT GOALS	IMPLEMENTING PARTNER	PROJECT OR PROGRAM
Mitigation	e.g., SF Municipal Transportation Agency, SF Public Utilities Commission, SF PORT	e.g., Islais Creek Southeast Mobility Adaptation Strategy
Emergency Preparedness	e.g., Department of Emergency Management	e.g., Disaster Service Worker program, COVID-19 Command Center
Hazard Response	e.g., SF Human Services Agency, SF Homelessness and Supportive Housing	e.g., Great Plates, Mission Food Hub, School Meals Program
Recovery and Reconstruction	e.g., Office of Resilience and Capital Planning, Office of Economic and Workforce Development	e.g., Economic Recovery Task Force

Extreme Heat Vulnerability

Neighborhoods with the greatest risk include:

- Chinatown
- South of Market
- Tenderloin
- Bayview/Hunters Point
- Mission District

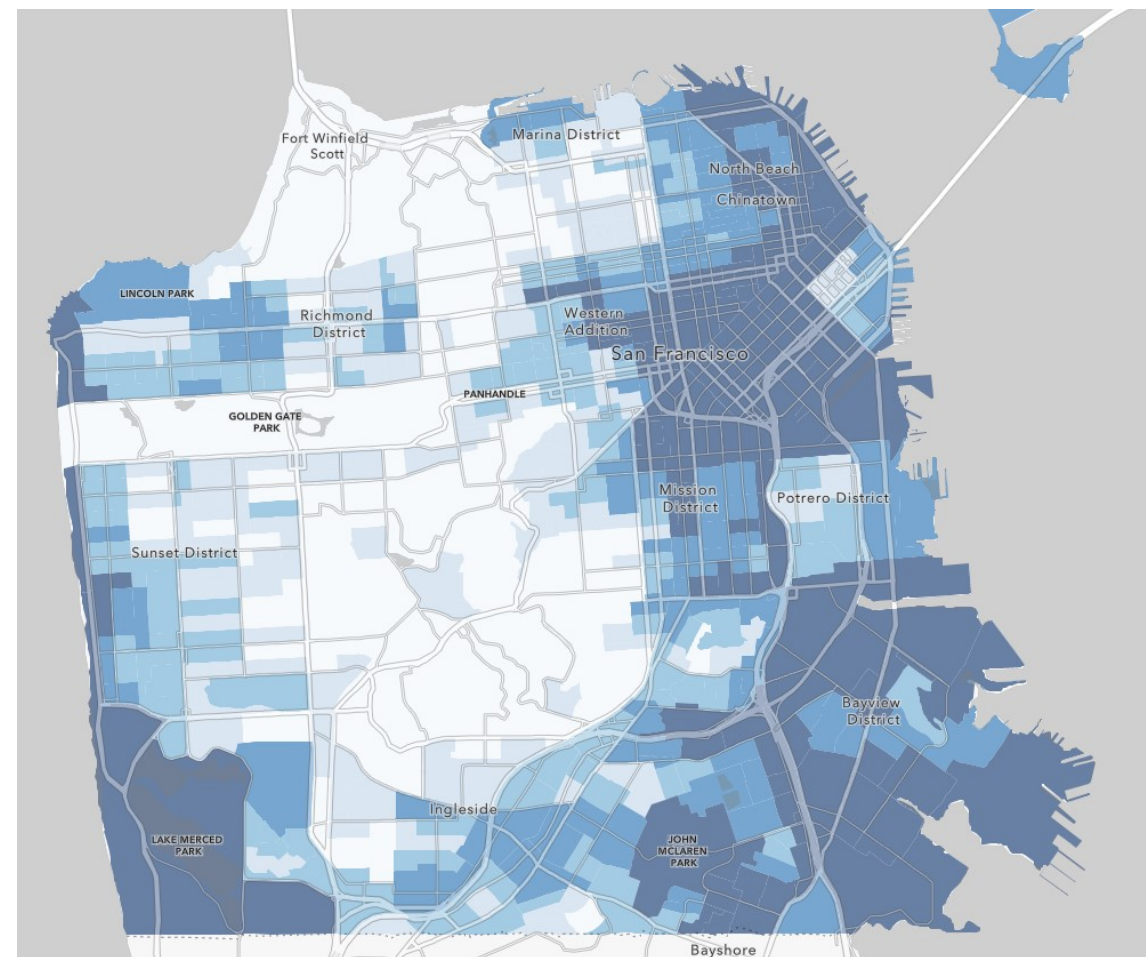


Source: Hazards and Climate Resilience Plan, Story Map

Coastal Flooding Vulnerability

Areas that are particularly susceptible to increased risk of coastal flooding due to sea-level rise (with no action) include:

- Mission Bay
- Islais Creek
- Hunters Point
- Candlestick Point
- Financial District
- Marina District
- Treasure Island
- SFO Airport



Source: Hazards and Climate Resilience Plan, Story Map

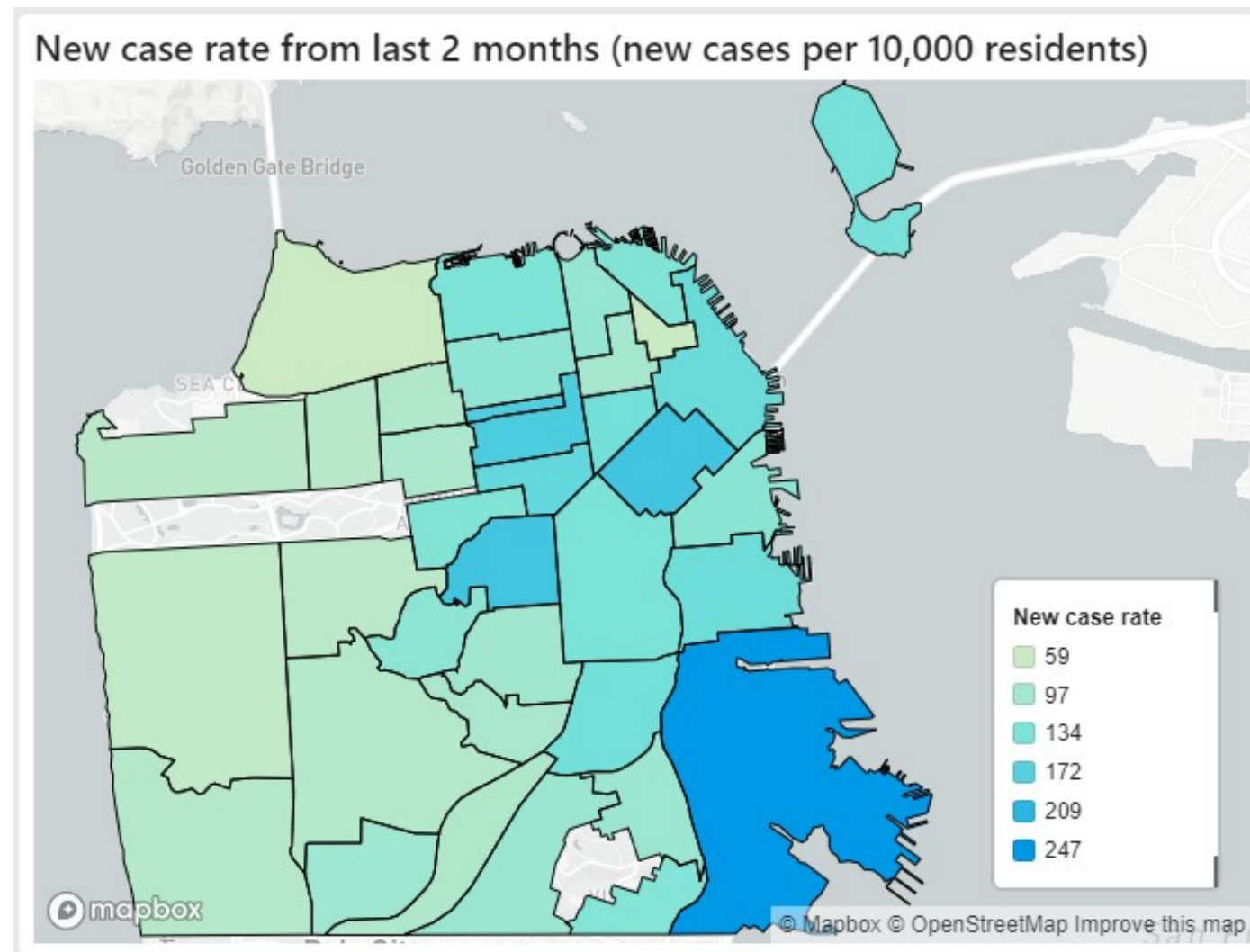
Article 38 Air Pollutant Exposure Zone

The Air Pollutant Exposure Zone identifies exposure based on cancer risk, air particulates, and proximity to freeways and other high-density arterial roads.



Source: Hazards and Climate Resilience Plan, Story Map

New Cases, 7/11/21-9/09/21



Source: <https://sf.gov/data/covid-19-case-maps>

Proposed New Content to Safety and Resilience Element (sample)

ELEMENT GOALS	STRATEGIES	OUTCOMES
Equitable Community Safety	Prioritizing Vulnerable Communities	Use safety and resilience as a way of remediating existing disparities and redressing past systems-levels harms
Multi-Benefit Climate Resilience	Multi-Hazard Resilience	Maximize investments that build resilience against the shared threats and vulnerabilities of multiple hazards
Governance and Collaboration	Partnerships with Non-Government Bodies	Work with community organizations, institutions, and development partners to reach all San Franciscans

Proposed New Content to Safety and Resilience Element



Equitable Community Safety

- Just Empowerment
- Priority Equity Communities
- Community Benefits



Multi-Benefit Climate Resilience

- Climate Resilience
- Multi-Hazard Resilience and Co-Benefits
- Nature-Based Solutions



Governance and Collaboration

- Coordination and Partnerships
- Capital Planning and Funding
- Research, Data, and Monitoring

Summary of Intended Amendments to Existing Goals 4-7

- Incorporate climate resilience, environmental justice, and racial and social equity throughout Goals 4-7
- Increased emphasis on Goal 4 (Mitigation), use as overarching policies that Goals 5-7 refer back to
- Expand scope of existing seismic policies to apply to multi-hazards
- Add new policies specific to other hazards, such as sea level rise, flooding, and pandemic
- Include reference to recent efforts: Hazards and Climate Resilience Plan, Climate Action Plan, Tall Buildings Study, Sea Level Rise Action Plan, etc.

COMMUNITY OUTREACH AND ENGAGEMENT SUMMARY

- Broad Outreach
 - General Plan Virtual Events, March 2021
 - General Plan Survey, March – August 2021
 - E-Blasts, May 2021
 - Briefings to Community-Based Organizations, June – July 2021
- Targeted Outreach
 - Briefings to Community-Based Organizations in Environmental Justice Communities, September 2021 - present

Safety and Resilience Element Updates - Schedule



Q&A AND DISCUSSION



Small Group Discussion

- In recent years, what have you learned that provides you with a **sense of safety and resilience**? What continues to cause concern?
- What ideas do you have to **prioritize communities** that are impacted first and worst by hazards?



INVITATION FOR WRITTEN FEEDBACK



Invitation for Written Feedback

- ❑ **Share Directly:** You are always welcome to email feedback on the [Policy Framework](#) and the content in this slide deck directly to the project team. You can reach out to Danielle.Ngo@sfgov.org, and your feedback will be recorded alongside other public input. Ideally, please submit your feedback before the end of 2021.
- ❑ **Want to learn more?** Visit: <https://sfplanning.org/project/safety-and-resilience-element>



THANK YOU



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