

Steering Committee Meeting #6

July 26, 2021 2 - 4 PM PDT

Virtual Conference Call Meeting via Zoom (see additional info at the end of the agenda) https://smcgov.zoom.us/j/96551239872?pwd=T3h1RUNkU3dCRW9YbDZtVGtieTh2QT09

The public shall have an opportunity to comment on any action item as each item is considered by the Committee prior to action being taken as noted on the agenda and at the end of the meeting. This opportunity is non-transferrable, and speakers are limited to one two-minute (3) comment for each action item.

1. Welcome and Announcements – 2:00 – 2:15 PM

Dan Belville, Director, San Mateo County OES and Rita Mancera, Executive Director, Puente: Co-Chairs of the Steering Committee

a. Steering Committee Roll Call (See Attachment A: Steering Committee Roster)

Roll Call: Steering Committee Members are asked to introduce themselves in alphabetical order and state their name, their title & organization

- b. Agenda Review
- c. Steering Committee Meeting #5 Minutes (See Attachment B)
 - i. Comments from Steering Committee Members
 - ii. Action: Adopt Steering Committee Meeting Minutes

2. Steering Committee Business – 2:15 – 3:15 PM

Dan Belville, Director, San Mateo County OES and Rita Mancera, Executive Director, Puente: Co-Chairs of the Steering Committee

- a. Volume 1 Preparation for Review (See Attachment C)
 - Rob Flaner, Tetra Tech
 - i. Comments from Steering Committee Members
 - ii. Comments from Planning Partners
 - iii. Comments from Public
- b. Planning Process Report out on Annex Plan Submittals Bart Spencer, Tetra Tech, Inc.

3. County Updates 3:15 – 3:45 PM

a. Schedule Review (See Attachment D) Ann Ludwig, San Mateo County



- b. Results of Survey #2: Mitigation Actions (See Attachment E) Paniz Amirnasiri, San Mateo County
 - i. Comments from Steering Committee Members
 - ii. Comments from Planning Partners
 - iii. Comments from Public
- c. Update on Outreach Efforts (See Attachment F) Isabelle Pares Ramos, San Mateo County
 - i. Comments from Steering Committee Members
 - ii. Comments from Planning Partners
 - iii. Comments from Public

4. Public Comment and Adjournment – 3:50 – 4:00 PM

Opportunity for Public Comment

Note that the public shall have an opportunity to comment on any action item as each item is considered by the Committee prior to action being taken.

This opportunity is non-transferrable, and speakers are limited to one three-minute (3) comment each.

5. Adjourn – Dan Belville and Rita Mancera, Co-Chairs

Zoom Meeting Information

Join Zoom Meeting https://smcgov.zoom.us/j/96551239872?pwd=T3h1RUNkU3dCRW9YbDZtVGtieTh2QT09

Meeting ID: 965 5123 9872 Passcode: 120978 One tap mobile +16699006833,,96551239872#,,,,*120978# US (San Jose) +12532158782,,96551239872#,,,,*120978# US (Tacoma)

Multijurisdictional Local Hazard Mitigation Plan

2021 Update



Steering Committee Roster (as of 3-4-2021)

Organization Name	Last	First	Title	Email	Phone	Organization Type	Geographic Representation	Area of Expertise
San Mateo County Office of Emergency Services	Belville	Dan	Director	<u>dbelville@smcgov.org</u>		County	Countywide	Public Safety / Emergency Mgt.
MidPen Housing Corporation	Bielak	Andrew	Associate Director of Housing Development	abielak@midpen-housing.org	650.830.1360	Non-Profit	Countywide	Housing
CAL Fire San Mateo Division	Cosgrave	David	Division Chief	David.Cosgrave@fire.ca.gov	650.740.7247	County	Countywide	Public Safety / Fire
City of Daly City	Gamez	John	Captain (Police Department)	jgamez@dalycity.org	650.991.8180	City	North County	Public Safety / Police
San Mateo County Health System, Commission on Disabilities	Hall	Robert	President	rghall4@icloud.com,	650.867.5256	County Commission	Countywide	Disabled Community
City of Redwood City	Kyaw	Terence	Director Public Works Services Department	tkyaw@redwoodcity.org	650.780.7466	City	South County	Public Works
Puente	Mancera	Rita	Executive Director	RMancera@mypuente.org		Non-Profit	South Coast (Pescadero/La Honda)	Vulnerable Communities
San Mateo County Community College District	Minkin	Ben'Zara	Emergency Manager	minkinb@smccd.edu		Education	Countywide	Education / Emergency Mgt.
North Fair Oaks Community Alliance	Rodriguez	Ever	President	erodriguez@northfoca.org	650.996.3796	Non-Profit	South County (North Fair Oaks)	Vulnerable Communities
Climate Resilient Communities	Saena	Violet	Director	violet.saena@crc.acterra.org	408.990.6447	Non-Profit	Countywide	Vulnerable Communities
San Mateo County Public Health	Seara	Belen	Sr. Community Health Planner	bseara@smcgov.org	650-573-2319	County	Countywide	Public Health
SamTrans	Timbers	Amelia	Principal Planner Sustainability	TimbersA@samtrans.com	650-508-7713	Public Agency	Countywide	Transportation
Senior Coastsiders	Winter	Sandra	PhD, MHA, Executive Director	swinter@seniorcoastsiders.org	650.726.9056	Non-Profit	Coast	Senior Citizens



San Mateo County MJLHMP Steering Committee #5

Date/Time of Meeting:	Monday, June 28, 2021, 2:04 PM (Start Time)
Location:	Digital
Subject:	Steering Committee Meeting No. 5
Project Name:	San Mateo County Multi-Jurisdictional Local Hazard Mitigation Plan Update
In Attendance	Steering Committee: Andrew Bielak, David Cosgrave, Robert Hall, Terence Kyaw, Rita Mancera, Ben'Zara Minkin, Belen Seara, Amelia Timbers, Sandra Winter
	Core Planning Team: Ann Ludwig, Hilary Papendick, Katie Faulkner, Rob Flaner, Bart Spencer, Des Alexander
	Guests: Pat Halleran, Dave Pucci, Kasey Treadway, Jeanette Kalabolas, Elizabeth Lam, Gary Ushiro, Brandon Stewart, Vince Garcia, Carolyn Bloede, Chris Clements, Chuck Pomicpic
Not Present:	Dan Belville, John Gamez, Ever Rodriguez, Violet Saena
Summary Prepared by:	Des Alexander
Quorum – Yes or No	Yes

Welcome and Announcements

- Rita Mancera welcomed the steering committee to the meeting.
- Roll call was done by Rita Mancera and quorum was achieved. Each member if they completed the second survey and/or shared it with other stakeholders.
- No comments from the committee were made on the agenda.
- No comments were made on the minutes from meeting #4. It was moved by David Cosgrave to adopt the minutes as is and seconded by Belen Seara. The minutes were approved without dissent.

Steering Committee Business

- Results of hazard/risk assessment
 - $\circ \quad \text{Presentation} \quad$
 - Rob Flaner showed the risk assessment results to the committee. A more indepth presentation was done on June 10th for members of the Core Planning Team. He explained that each hazard gets a score based upon the intersection of probability and impact (to people, property, and economy). Each hazard will then be ranked from high to low.
 - Each high hazard must have at least one action item, but that does not mean that low ranked actions can't have highly ranked action items.
 - Rob Flaner also provided insight into the equity lens option. He said that it added granularity to the analysis because it was able to fine tune the impacts on people. He showed the baseline results and the hazard results with the equity lens. There is a distinct increase in impact to people when the equity lens option was added.



San Mateo County MJLHMP Steering Committee #5



- Steering Committee Questions/Comments
 - Belen Seara asked why the equity lens did not change severe weather scores.
 - Rob Flaner said that since there isn't extent location data resolution for severe weather, there was no way to get the granularity that other hazards were able to achieve.
 - Ann Ludwig said information can be included qualitatively in the annexes, especially if there is information relevant to specific San Mateo County communities.
 - Belen Seara expressed concerns about extreme heat and stated that there are models (ex. transportation) available that look at the impacts of extreme heat on infrastructure and people. She understands the current risk ranking but thinks that severe weather/extreme heat can be addressed.
 - Rob Flaner expressed that those kinds of models and impacts typically do not go into mitigation plans. However, those models can be shared amongst the partners who want extreme heat to be addressed within their individual annexes.
 - Rob Flaner also mentioned the "future needs" section of the plan as a place where data such as those discussed by Belen Seara can be discussed.
 - Belen Seara shared information on the extreme heat model in the chat.
 - David Cosgrave asked why tsunami was ranked as high with the equity lens even though none of the other categories above it are high
 - Rob Flaner said that since there was a high degree of resolution in the unincorporated areas when adding the equity lens, it increased the hazard ranking.
- Planning Partner Questions/Comments
 - No comments were made by planning partners.
- Public Questions/Comments
 - Ron Snow: The matrix 'Risk Ranking' seems to have all the same values across the board? Is there an updated matrix with actual ranking?
 - Ron Snow asked this in the chat and said that this was due to an earlier slide where all the values were the same. Rob Flaner explained that these values were probability and impact factors. He showed the earthquake page as an example of this.
 - Ron Snow thought it was a template since he assumed certain cities would have higher ratings based upon their soil compositions and locations on fault lines.
 - Rob Flaner explained that the modeling used took soils, proximity, and building factors into account and all structures exposed have high impacts.
- MJLHMP Maintenance Plan
 - Rob Flaner explained that having a maintenance strategy is a required part of the plan process. Partners will submit annual reports using a platform called the BATool, and the County will combine those into an annual report to be submitted to FEMA and the board of supervisors.
 - Maintenance Plan information will be sent to partners in July





San Mateo County MJLHMP Steering Committee #5

- There will be two meetings organized by the County each year, one in January and the other in July.
 - This window is ideal for coordination on grants
 - BRIC grant opens in August
 - Reporting is not required by FEMA, but is considered a best practice

Planning Process

- Bart Spencer provided brief updates on the planning process for San Mateo County. All the Phase 3 workshops were well-attended by the planning partners, and the Q&A sessions with him and Rob Flaner will continue through the end of July.
- Given the constrained planning timeframe, all planning partners have a firm annex due date on July 23rd.
- No comments were made by the steering committee, the planning partners, or the public on the planning process.

County Updates

- Schedule review
 - Ann Ludwig provided a recap of all June outreach activities. The second survey was released and outreach meetings/events were conducted for the public, steering committee members/planning partners, and vulnerable San Mateo County communities.
 - Ann Ludwig also discussed upcoming outreach activities and plan milestones for the months of July and August. These included the release date of the draft MJLHMP (08/05) and the plan submittal date (08/31). The plan will be reviewed concurrently by CalOES/FEMA and returned to the County, with a planned adoption date of December 2021.
- Outreach Update
 - Hilary Papendick provided an update on outreach activities done by the County. The County worked with 8 Community Based Organizations to put together focus groups and presentations to promote the MJLHMP. Over 600 people attended these events and digital outreach (social media, email) was distributed to over 30,000 followers and subscribers.
 - Hilary Papendick also discussed the second survey, which asked San Mateo County residents about mitigation actions. The goal of this survey is to determine how residents think the County can reduce the risk of hazards and how they can get organized/prepared before a disaster. As of June 28th, the County had received 364 responses.
- Questions/Comments
 - None from Steering Committee, planning partners, or public.

Public Comment and Adjournment

• No comments made by the public and there were no additional comments from the steering committee or planning partners.

<u>Adjourn</u>





• The meeting ended at 3:18 PM.







San Mateo County Multijurisdictional Hazard Mitigation Plan-Update

Preparation for Review of Volume 1

Presented by-Rob Flaner July 26, 2021



Like the 2016 Plan, 2-Volume format:

- Volume 1= Everything the applies to the whole planning area
 - Description of the Planning Process
 - Risk Assessment
 - General Principles, Goals and Objectives
 - County-wide Actions
 - Plan Maintenance Strategy

• Volume 2 = Everything that is Jurisdiction Specific

- Community Profile
- Core Capability Assessment
- Risk Ranking
- Action Plan

Volume 1



Presented in 3 Parts

- Part 1
 - Introduction
 - Changes Made for the Plan Update
 - Plan Development Methodology
 - San Mateo County Profile
 - Hazards of Concern
 - Relevant Laws, Ordinances and Programs

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Volume 1, Part 2



- The Risk Assessment
- Fully Assesses the following Natural Hazards:
 - Dam Failure
 - Drought
 - Earthquake
 - Flood
 - Landslide
 - Sea-Level Rise
 - Severe Weather (Atmospheric Rivers, Heat, Fog, Thunderstorms, and wind)
 - Tsunami
 - Wildfire



Part 2 also includes:

- Profile of Climate Change impacts to each of the Hazards of Concern (except for SLR)
- Profile (not full assessment) of other hazards of interest:
 - Public Health/Pandemic
 - Terrorism
 - Cyber
 - Communication Failure
 - Haz Mat
 - Pipeline and Tank Failure
 - Aircraft Incidents
- Risk Ranking to the Operational Area (both baseline and with equity lens)

TETRA TECH

Hazard Profiles

Each Hazard Profile includes the following Components:

- General background of the Hazard
- Hazard Profile
 - Past events
 - Location
 - Frequency
 - Severity
 - Warning Time
- Exposure Analysis (People, Property, Critical Facilities and Environment)
- Vulnerability Analysis (Loss estimation)
- Scenario
- Issues

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10.4.2 Property	
10.4.3 Critical Facilities	
10.4.4 Environment	
10.5 Scenario	
10.6 Issues	

Volume 1, Part 3

The Mitigation Plan

- Guiding Principles, Goals and Objectives
- Mitigation Best Practices
- Recommended County-wide Action
 - Prioritized
 - Classification of Actions
- Plan Adoption and Implementation

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Why this Level of Detail?



- The FEMA Plan Review Tool
- Crosswalks the Plan's content to the section 201.6, 44CFR requirements.
- The Plan must show compliance for 20 elements and 26 subelements for *all* planning partners!
- Both the State and FEMA must agree with the cross-walked components.
- Reviews can vary based on who is doing the review
- The Plan review tool will be completed by the CPT prior to submittal

REGION IX LOCAL MITIGATION PLAN REVIEW TOOL

The Local Mitigation Plan Review Tool demonstrates how the Local Mitigation Plan meets the regulation in 44 CFR \$201.6 and offers states and FEMA mitigation planners an opportunity to provide feedback to the community.

- The <u>Regulation Checklist</u> provides a summary of FEMA's evaluation of whether the plan has addressed all requirements.
- The <u>Plan Assessment</u> identifies the plan's strengths as well as documents areas for future improvement. This section also includes a list of resources for implementation of the plan.
- The <u>Multi-Jurisdiction Summary Sheet</u> is a mandatory worksheet that is used to document which jurisdictions have participated in the planning process and are eligible to adopt the plan.
- The <u>Hazard Identification and Risk Assessment Matrix</u> is a tool for plan reviewers to identify if all components of Element B are met.

Jurisdiction: Title of Plan:			Date of Plan:	
Humboldt County, CA Humboldt County		Operational Area	October 2019	
Hazard Mitigation		Plan, 2019		
Local Point of Contact:		Address:	•	
Dori Lanni		Humboldt County		
Title:		Sheriff's Office of Emergency Services		
Emergency Services Manager		826 Fourth Street		
Agency:		Eureka, CA 95501		
Humboldt County Sheriff's Office of Emergency				
Services				
Dhana Numhau		E Maile		

1. REGULATION CHECKLIST Regulation (44 CFR 201.6 Local Mitigation Plans)		Location in Plan (section and/or page number)		Not Met
ELEMENT A. PLANN	NG PROCESS			
A1. Does the plan document the planning process, including how i was prepared and who v involved in the process f each jurisdiction? (Requirement	vas prepared (with a narrative	Volume 1, Part 1, Chapter 3, Pages 3- 1 to 3-11. Meeting summaries are included in Appendix A of Volume 1.	x	
§201.6(c)(1))	b. Does the plan list the jurisdiction(s) participating in the plan that are seeking approval?			x
	c. Does the plan identify who represented each jurisdiction? (At a minimum, it must identify the jurisdiction represented and the person's position or title	Volume 1, Part 1, Chapter 3, Part 3.4, pages 3-2 to 3-4. Volume 2, chapters 1 to 10, Page X_1 of each Jurisdictional Annex.	x	

and agency within the jurisdiction.)



- Draft MJLHMP (Volume 1 and 2) will be distributed for Steering Committee, Planning Partner, and public review and comment on Thursday, August 5th
- Public Workshop #2 is on Thursday, August 12 from 4 – 5:30 pm
- Comments are due by Monday, August 23rd
- CPT will develop and utilize a "comment tracker" to track all comments









MJLHMP PROJECT SCHEDULE JULY – DECEMBER 2021

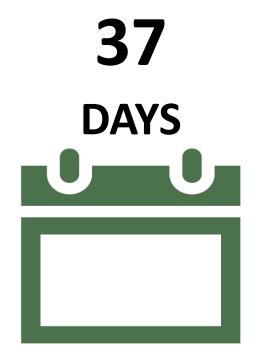
Schedule is current as of July 19th and will be updated as events continue to be scheduled.

DATES	ΑCTIVITY	PARTICIPANTS/	
		TARGET AUDIENCE	
July 13	Pescadero Municipal Advisory Committee	Public	
July 15	2021 MJLHMP Volume 1 Presentation	Steering Committee &	
4 – 5 pm	Presentation by Tetra Tech	Planning Partners	
		(Not Mandatory)	
July 23	Phase 3 Assignments due from Planning	Planning Partners	
	Partners		
July 26	Steering Committee Meeting #6	Steering Committee,	
2- 4 pm		Planning Partners & Public	
August 5	Release DRAFT MJLHMP for Public Comment	Public	
August 12	Public Workshop #2: Review of DRAFT	Steering Committee,	
4 – 6 pm	MJLHMP	Planning Partners & Public	
August 23	End of Public Comment period	Public	
No later than August	Submit MHLHMP to Cal OES/FEMA for	County/Tetra Tech	
31	concurrent Review		
September	BCA/BATool Training for	Planning Partners	
Date and Time TBD	Annual Maintenance Reporting		
September –	Review by Cal OES/FEMA		
December (estimated)	County Board approval of the MJLHMP		

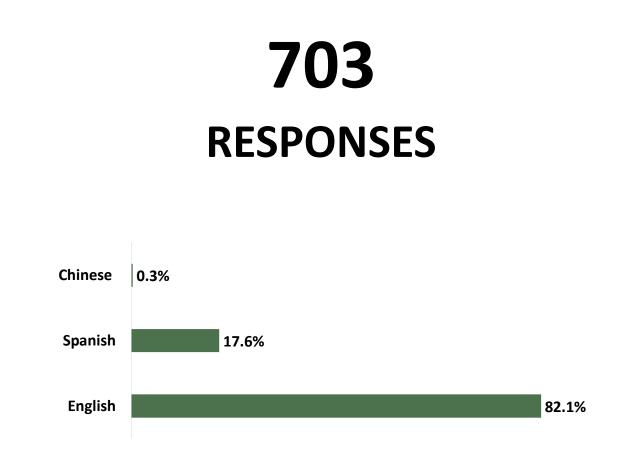


MJLHMP Survey #2: Mitigation Actions July 26, 2021





6/4/21 - 7/11/21





Top 2 sources to stay informed about potential emergency situations and disaster preparedness:

• SMC Alert (78.4%)



• Emails and websites from state, county or cities, public utilities, such as PG&E, or non-profits, such as the Red Cross (63.0%)





Sources specified in comments:

Nextdoor



Media – Radio/TV/Social Media





During an earthquake, wildfire event, or extreme heat event, most participants responded that the following would be most helpful to them:

"Knowing my community can provide safe, accessible emergency shelters for my family and neighbors..."



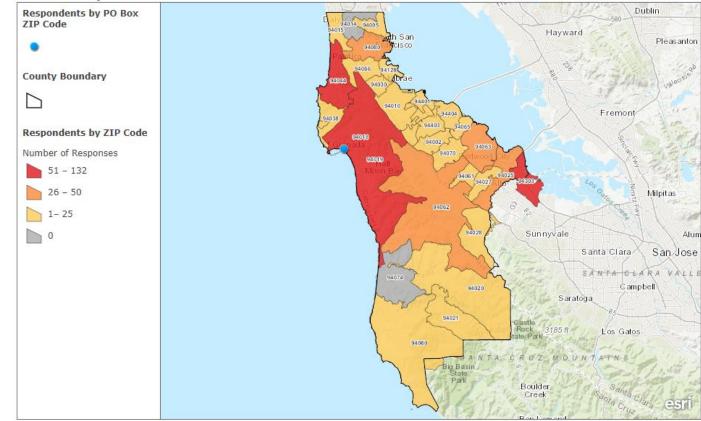
Open-ended responses:

- Safe evacuation planning
- Communication plan in case of **power** loss
- Education, expertise, and resources surrounding building safety and general preparedness
- Fuel reduction plan
- Financial help for **cooling** systems

PARTICIPANTS

City	# Responses	% Responses
Half Moon Bay	132	18.8%
Pacifica	90	12.8%
Redwood City	80	11.4%
East Palo Alto	75	10.7%
San Mateo	71	10.1%
El Granada	44	6.3%
Menlo Park	38	5.4%
South San Francisco	30	4.3%
Montara	22	3.1%
San Carlos	19	2.7%
Burlingame	16	2.3%
Pescadero	15	2.1%
Belmont	14	2.0%
Moss Beach	14	2.0%
San Bruno	13	1.8%
Millbrae	8	1.1%
Brisbane	7	1.0%
La Honda	7	1.0%
Daly City	3	0.4%
Atherton	2	0.3%
Loma Mar	1	0.1%
Portola Valley	1	0.1%
SFIA	1	0.1%
	703	100%

LHMP Survey



Final update to LHMP survey 2

Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS

HOW THEY HEARD ABOUT THE SURVEY

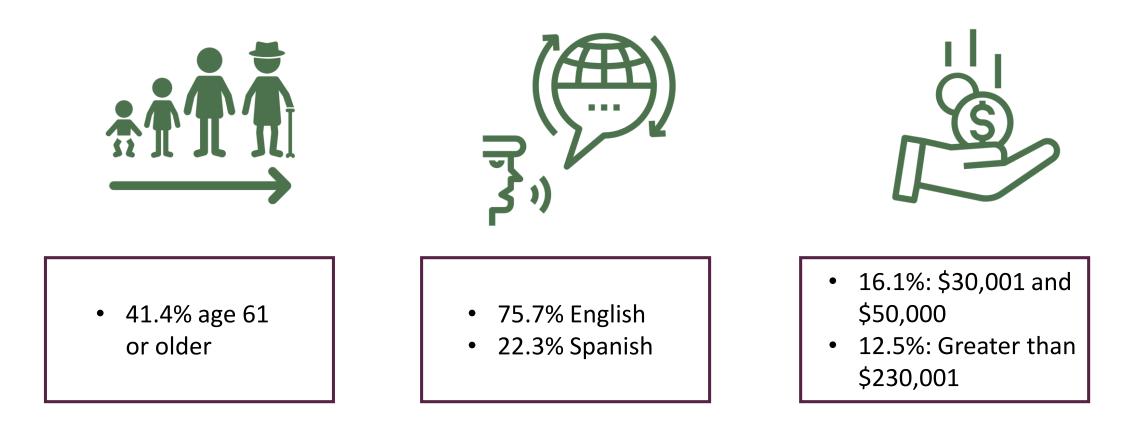


Top Responses

- CERT (22.0%)
- Social Media (16.8%)
- County Media Release (9.6%)
- El Concilio of San Mateo County (9.5%)
- Nuestra Casa (9.3%)
- Ayudando Latinos A Soñar (ALAS) (8.4%)

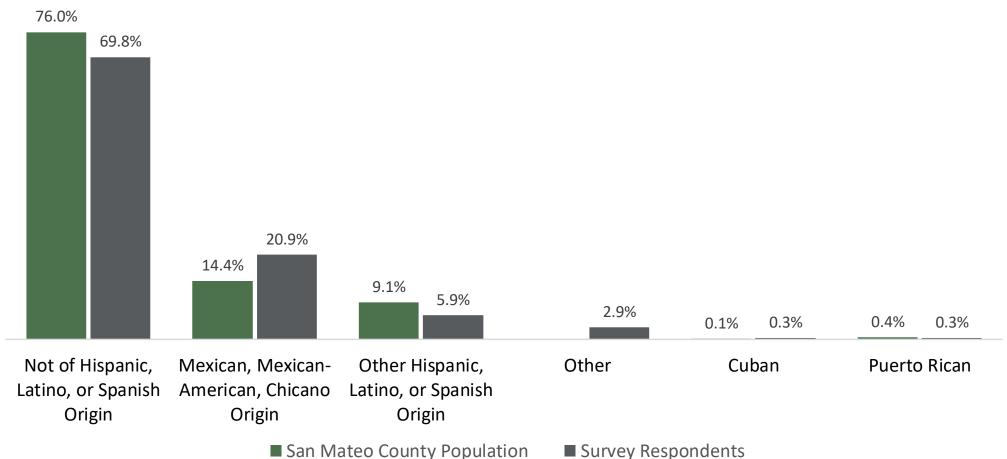
DEMOGRAPHICS

Age, Primary Language, Income



DEMOGRAPHICS

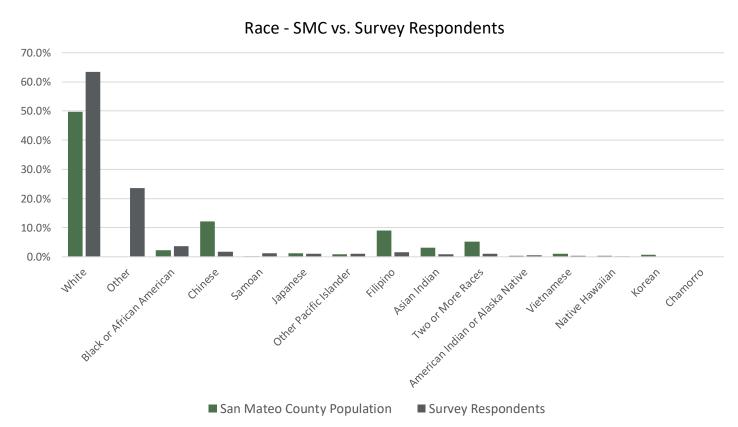
Hispanic, Latino, or Spanish Origin



Hispanic, Latino, or Spanish Origin - SMC vs. Survey Respondents

DEMOGRAPHICS

Race



- 63.5% of survey participants identified as White, compared to 49.7% of the County's population
- **1.8%** of survey participants identified as Chinese, compared to **12.2%** of the County's population
- 1.6% of survey participants identified as Filipino, compared to 9.0% of the County's population
- 23.5% of individuals marked their Race as "Other," with many written-in comments indicating "Mexican"/"Mexicano"; "Latina"/"Latino"/"Latin American"; and "Hispano"/"Hispana"/"Hispanic"



LHMP Community Outreach: Summary of Activities & Mitigation Ideas

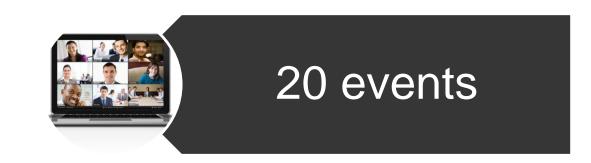
San Mateo County Office of Sustainability July 26, 2021

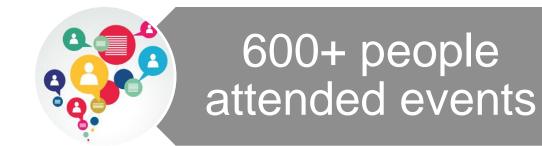


CBO Outreach March – June 2021

PARTNER ORGANIZATIONS:

- 1. Ayudando Latinos A Soñar
- Bay Area Community Health Advisory Council
- 3. Center for Independence for Individuals with Disabilities
- 4. Climate Resilient Communities
- 5. El Concilio of San Mateo County
- 6. Nuestra Casa
- 7. Senior Coastsiders
- 8. South Coast Sustainable







30,000 reached on social media

Hard to Reach Participants

SOCIAL VULNERABILITIES:

- Monolingual
- People of color
- Older adults
- Undocumented
- Low-income
- Low-literacy
- Renters
- Outdoor workers
- People with disabilities and medical needs
- Transit-dependent urban & rural people
- Underinvested communities

Recommendations for Addressing Equity in Hazard Mitigation Planning



Background Report for the San Mateo County Multijurisdictional Local Hazard Mitigation Plan 2021 Update



This report was prepared by the San Mateo County Office of Sustainability, Planning and Building, and the County Manager's Office with support of the MJLHMP Core Planning Team.

Mitigation ideas: WILDFIRES



Information in Spanish delivered by trusted CBOs



Well-publicized evacuation routes and shelters access for people with disabilities



Emergency preparedness training and how to stay safe if you can't evacuate

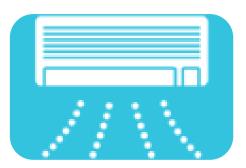


Bilingual text alert system for evacuation warnings



Defensible spaces assistance for seniors, people with disabilities

Mitigation ideas: HEAT & POOR AIR QUALITY



Combined cooling & clean air centers accessible to people with disabilities



Partner with CBOs to improve public messaging, bilingual SMC Alerts



Programs: Solar + storage, updating HVAC systems, backup generators, home weatherization, tree planting



Community team to inspect homes for air leaks, thermal loss, to prevent heat and smoke intrusion



Education for employers on the risks for outdoor workers, provide protective equipment

Mitigation ideas: DROUGHT



Drought resistant landscaping and rain barrels in households



Habitat restoration and incentives for people to replace lawns



Greywater use programs, water use policies for new construction in commercial and multifamily building



Underground water storage, groundwater recharge, updating wastewater treatment plants to clean water to potable standards



Rain water catchment and dual plumbing to utilize grey water for landscaping in large land / commercial properties

Mitigation ideas: EARTHQUAKES





Handbook of numbers to call for help in case of an disaster

Pre-made emergency kits or list of items for an emergency kit



Text alert system for evacuation warnings



Safety and preparedness training especially for people living in apartments



Retrofit homes, apartment complexes not up to current building code standards

Mitigation ideas: FLOODING



Creek dredging, drainage ditch maintenance



Policies to allow building higher



Incentives for landlords to upgrade rentals and farmworker housing



Fixing roads, adding rain gutters, sidewalks, and evacuation routes signage



Subsidies to raise and flood-proof homes; countysponsored contractor help

Mitigation ideas: HEALTH & PANDEMIC



Send test & vaccine info through SMC Alert, help getting vaccination appointments



Partner with CBOs to better communicate with people with disabilities & medical needs



Foster community building and offer support for isolated seniors and other isolated people



Free bus, home pick-ups and paratransit evacuations to shelters during an emergency



Integrate mental health & trauma support into training for emergency responders

Summary of What We Heard

COMMUNICATION & EDUCATION

- Multilingual and multimodal communication, improve text alert systems.
- Invest in local broadcast media capacity to use during an emergency.
- Partner with trusted CBOs to improve outreach and provide training.

POLICY & INFRASTRUCTURE

- Preparedness planning that considers disability access, vulnerable populations and financial barriers to assure inclusive implementation.
- Invest in solar power = generators, batteries and power storage.
- More shelters and transportation to them and power charging sites.
- Long-term viability of highway 1 due to sea level rise and erosion.







Next Steps

- Final report for planning partner.
- Continue to address ideas through annual updates to the LHMP and other county plans.
- Continuing to work with CBOs through the County contracts.

Thank You!

