

APPENDIX A

City Adoption Resolution

PLACEHOLDER FOR RESOLUTION - TBD

APPENDIX B

Planning Process Documentation



**Rancho Santa Margarita
Local Hazard Mitigation Plan Update
Planning Team Meeting #1
April 24, 2024**

Meeting Participants: Refer to Sign-In Sheet

1. Introductions
2. Project Goals, Objectives, and Expectations
 - a. Project Goals
 - b. Roles and Responsibilities
 - i. Planning Team Meetings
 1. April 24
 2. May 22
 3. TBD
 - ii. Data Needs
 3. Mitigation Planning and the LHMP Update
 - a. Hazard Mitigation and Mitigation Planning
 4. Hazard Confirmation and Identification
 5. Asset Identification
 - a. Community Lifelines and Critical Facilities
 - i. Community lifelines identification exercise
 6. Next Steps
 - a. Data collection
 - b. Survey - <https://www.surveymonkey.com/r/RSM-LHMP>
 - c. Splash Pad Outreach – May 20
 - d. Meeting #2 – May 22; 10-12:00

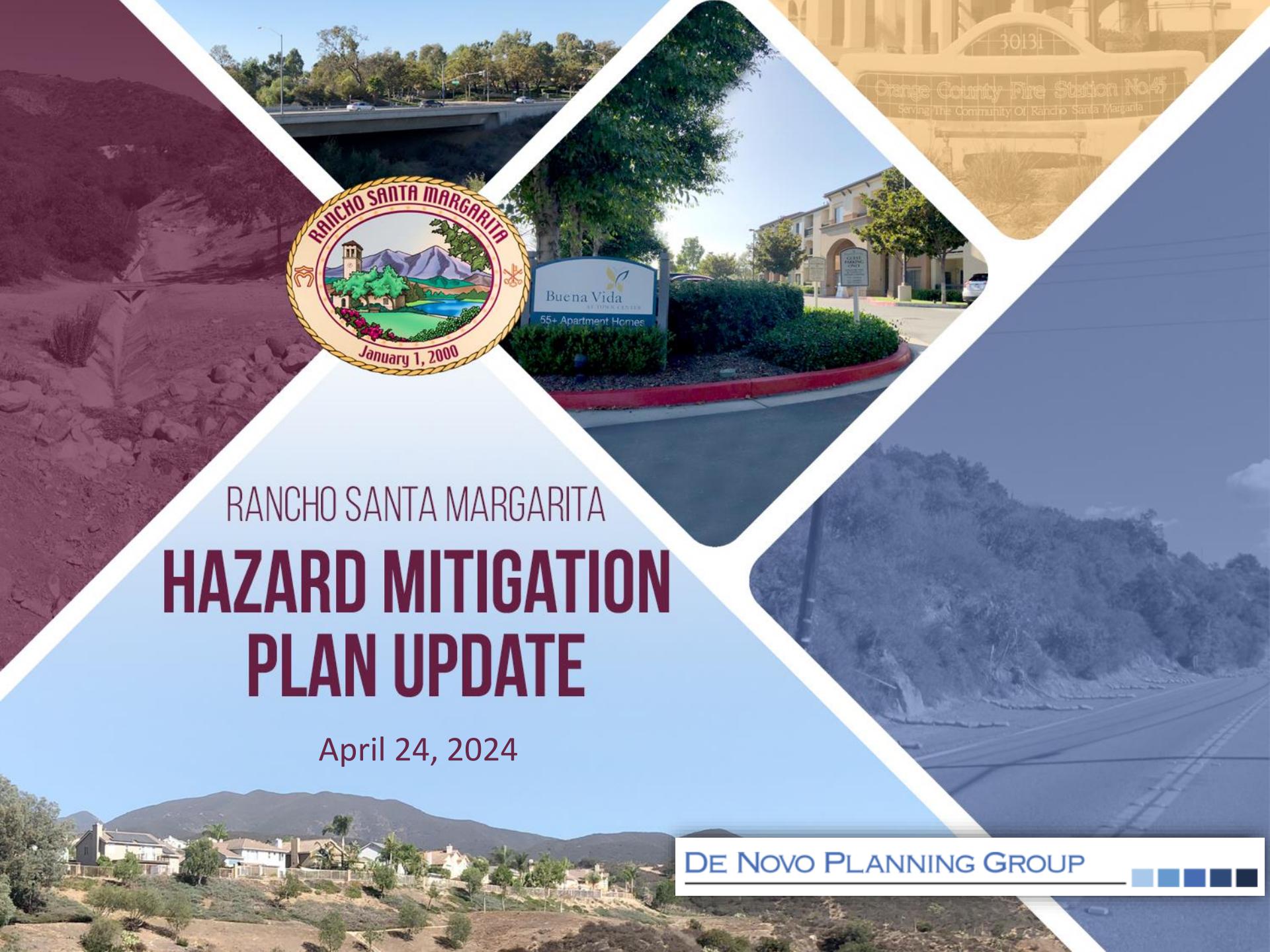
**Rancho Santa Margarita
Local Hazard Mitigation Plan Update
Planning Team Meeting #1**
April 24, 2024

Last and First Name	Title	Organization/Department	Mailing Address	E-Mail Address	Phone Number	Initials
Alday, Jaime	Admin Sergeant	Orange County Sheriff's Department	22112 El Paseo, Rancho Santa Margarita, 92688			
Aleshire, Steve	Supervising Park Ranger II	O'Neill Park Ranger	30892 Trabuco Canyon Road Trabuco Canyon, CA 92678			SA
Anderson, Erik	Associate Planner	De Novo Planning Group	180 E. Main Street, Suite 108 Tustin, CA 92780			
Anderson, Michelle	County and Operational Area Emergency Manager	County Emergency Management (Resident)	2644 Santiago Canyon Road Silverado, CA 92676			
Barker, Starla	Project Manager	De Novo Planning Group	180 E. Main Street, Suite 108 Tustin, CA 92780			
Bingham, Derek	Senior Planner	City of Rancho Santa Margarita	22112 El Paseo Rancho Santa Margarita, CA 92688			DB
Blair, George	General Manager	SAMLARC	22342A Avenida Empresa, Suite 102A, Rancho Santa Margarita, 92688			GB
Craven, Robert	Assistant Superintendent, Business Services	Saddleback Valley Unified School District	25631 Peter A Hartman Way, Mission Viejo, CA 92691			RC
Franco, Krystie	Community Services Coordinator	City of Rancho Santa Margarita	22112 El Paseo Rancho Santa Margarita, CA 92688			KK
Gonzalez, Juan	Public Affairs Manager	Southern California Gas Company				
Hamaker, Jeff	Director of Foundations, Grants & Contracts	Age Well Senior Services	23101 Lake Center Drive, Suite 325, Lake Forest, CA 92630			
Johnson, Dr. Renee	Director II	Capistrano Unified School District	33122 Valle Rd, San Juan Capistrano, CA 92675			
Kennedy, Michaela	Police Chief	Orange County Sheriff's Department	22112 El Paseo, Rancho Santa Margarita, 92688			MK
Kuta, Cheryl	Assistant City Manager/Director of Development Services	City of Rancho Santa Margarita	22112 El Paseo Rancho Santa Margarita, CA 92688			CK

Rancho Santa Margarita
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Last and First Name	Title	Organization/Department	Mailing Address	E-Mail Address	Phone Number	Initials
Lausten, Lorrie	Principal Engineer	Trabuco Canyon Water District	32003 Dove Canyon Drive Trabuco Canyon, 92679			
Lee, Kelley	Government Relations Manager	Southern California Edison	1241 South Grand Avenue, Building D Office 240E, Santa Ana, CA 92705			
Lex, Sherri	President	RSM Cares	31991 Dove Canyon Drive Suite 100-C, RSM, CA 92679			<i>SL</i>
Linares, Mike	Consultant	City of Rancho Santa Margarita	22112 El Paseo Rancho Santa Margarita, CA 92688			
Lister, Elaine	Director of Community Development	City of Mission Viejo	200 Civic Center, Mission Viejo, CA 92691			
Lopez, Chris	Safety Officer	Santa Margarita Water District	26111 Antonio Parkway, Rancho Santa Margarita, 92688			
Lopez, Laura	Assistant to the City Manager/Public Information Officer	City of Rancho Santa Margarita	22112 El Paseo Rancho Santa Margarita, CA 92688			<i>CL</i>
Maule, Cheyne	Division Chief	Orange County Fire Authority	1 Fire Authority Road, Irvine, CA 92602			
McConnell, Tammy	Division Manager	Orange County Health Care Agency	405 W 5th Street, 7th Floor, Santa Ana, 92701			
Musler, Connor	Assistant Planner	City of Lake Forest	100 Civic Center Dr Lake Forest, CA 92630			<i>CM</i>
Nguyen, Tri	Principal Engineer	City of Rancho Santa Margarita	22112 El Paseo Rancho Santa Margarita, CA 92688			<i>TN</i>
Parco, Joe <i>ASR</i>	Public Works Director	City of Rancho Santa Margarita	22112 El Paseo Rancho Santa Margarita, CA 92688			
Starks, Wendy	Principal Planner	City of Rancho Santa Margarita	22112 El Paseo Rancho Santa Margarita, CA 92688			<i>WS</i>
Vallone, Jeremy	Fire Captain	Orange County Fire Authority	1 Fire Authority Road, Irvine, CA 92602			<i>JV</i>

**Rancho Santa Margarita
Local Hazard Mitigation Plan Update
Planning Team Meeting #1
April 24, 2024**



RANCHO SANTA MARGARITA HAZARD MITIGATION PLAN UPDATE

April 24, 2024

DE NOVO PLANNING GROUP



Agenda

- Introductions
- Project goals, objectives & expectations
- Mitigation planning and the LHMP Update
- Hazard confirmation/identification
- Asset identification
- Next steps
- Questions/additional discussion



Project Goals, Objectives, and Expectations



Project Goals and Objectives

- Address hazards specific to RSM
- Understand hazards and risk/vulnerabilities
- Identify mitigation actions to reduce risk/vulnerability
- Achieve certification by FEMA for hazard mitigation funding



Disaster Mitigation Act (DMA) of 2000 requires states and local governments prepare a multi-hazard mitigation plan as a precondition for receiving FEMA mitigation project grants.



Roles and Responsibilities

Our Job

- Facilitate the process
- Provide technical expertise
- Maintain schedule
- Do the heavy work
- Ensure FEMA-compliant plan

Your Job

- Participate
- Provide agency-specific information/local insight
- Meet internal deadlines
- Ensure plan is feasible and meets needs



HMP Planning Team

- Three Planning Team meetings:
 - **Meeting #1 – April 24:** process; confirm/identify hazards; identify community lifelines
 - **Meeting #2 – May 22:** hazard profiles & mapping; risk/vulnerabilities; review capabilities assessment
 - **Meeting #3 – TBD:** risk/vulnerabilities; mitigation actions and prioritization
- Review of draft plan – anticipated August



Data Needs

- Plans/studies
- Policies/programs
- Technical data
- GIS data
- Intrinsic/historic knowledge
- Photos
- Any relevant information on vulnerabilities/issues

Provide any information or resources to Wendy Starks



Mitigation Planning and the LHMP Update



What is Hazard Mitigation?

- Sustained actions taken to reduce or eliminate long-term risk to life and property from hazards.

What is Mitigation Planning?

- Community-driven process to help plan for hazard risk.
- Reduce negative impacts of future disasters by planning for risk and setting a strategy for action.



Emergency Management Cycle



Mitigation Planning

- **Risk-informed** decision making
- Encourages choosing **actions to reduce risk** that are **supported** by stakeholders and the public
- Focuses resources on **greatest risks and vulnerabilities**
- **Builds partnerships** with diverse stakeholders; achieve **shared community objectives**
- **Increases awareness** of threats and hazards, including risks and community's vulnerability to the risks
- **Aligns risk reduction** with other community goals and programs
- **Supports socially vulnerable populations and underserved communities** in achieving resilience



Hazard Confirmation and Identification



FEMA-Suggested Hazards

Avalanche	Flood	Sea level rise
Climate change	Geological hazards	Seismic hazards
Coastal erosion	Hailstorm	Severe winter storm
Coastal storm	Hazardous materials	Tornado
Dam failure	Human-caused hazards	Tsunami
Disease/pest management	Hurricane	Volcano
Drought	Land subsidence	Wildfire
Earthquake fault rupture	Landslide and mudflow	Wind
Expansive soils	Lightning	Windstorm
Extreme heat	Liquefaction	



Current Plan Hazards

- Dam/Reservoir Failure
- Drought
- Flood
- Human-Induced Hazards
 - Arson
 - Hazardous Materials
 - Terrorism/Mass Attack
 - Unexploded Ordnance
- Landslide/Mudflow
- Pest Management and Disease
- Seismic Hazards
 - Earthquakes
 - Liquefaction
 - Landslides
- Severe Weather
 - Heavy rains
 - Santa Ana winds
 - Extreme heat
- Wildfire

Changing Weather Patterns and Power Outage



Asset Identification



Assets

- People, including underserved communities and socially vulnerable populations
- Structures, including new and existing buildings
- **Community lifelines and other critical facilities**
- Natural, historic and cultural resources
- The economy and other activities that have value to the community



Community Lifelines and Critical Facilities



Community Lifelines

 Safety and Security	Safety and Security - Law Enforcement/Security, Fire Service, Search and Rescue, Government Service, Community Safety
 Food, Hydration, Shelter	Food, Hydration, Shelter - Food, Hydration, Shelter, Agriculture
 Health and Medical	Health and Medical - Medical Care, Public Health, Patient Movement, Medical Supply Chain, Fatality Management
 Energy (Power & Fuel)	Energy - Power Grid, Fuel



Community Lifelines

 Communications	Communications - Infrastructure, Responder Communications, Alerts Warnings and Messages, Finance, 911 and Dispatch
 Transportation	Transportation - Highway/Roadway/Motor Vehicle, Mass Transit, Railway, Aviation, Maritime
 Hazardous Materials	Hazardous Materials - Facilities, HAZMAT, Pollutants, Contaminants
 Water Systems	Water Systems - Potable Water Infrastructure, Wastewater Management



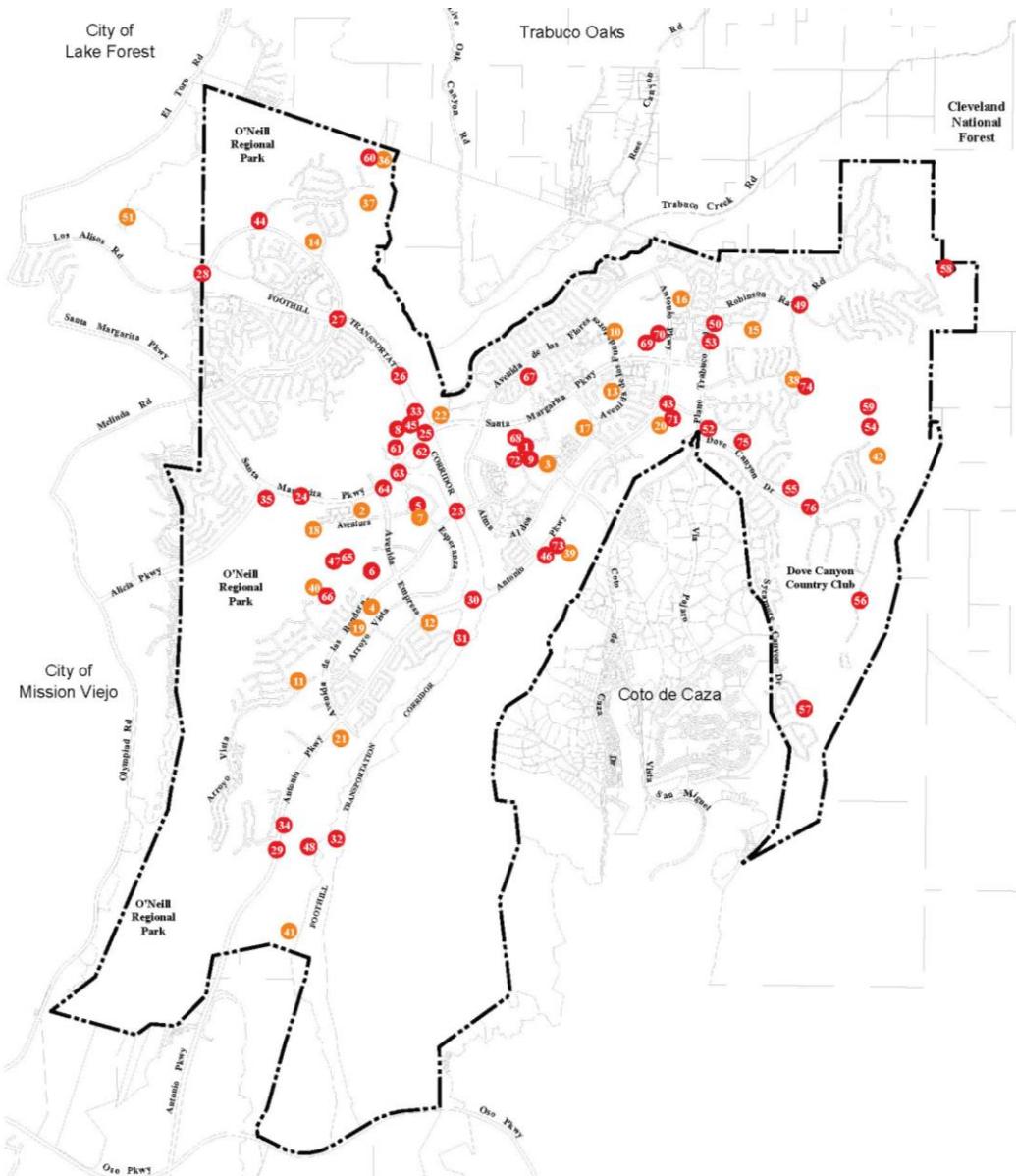
Community Lifelines

For each community lifeline category:

- Identify **1-2 community lifelines and issue/concern if affected in a disaster**
- **Write 1** community lifeline and associated issue/concern **per post-it**
- Place post-its on community lifeline sheet



Critical Facilities



LEGEND

- City Boundary
- 1 Critical Facilities
- 3 Facilities of Concern



Sources: City of Rancho Santa Margarita Local Hazard Mitigation Planning Team, 2019

Next Steps



Planning Team

- Provide any information or resources to **Wendy Starks by May 3**
 - Plans/studies
 - Policies/programs
 - Technical data
 - GIS data
 - Intrinsic/historic knowledge
 - Photos
 - Any relevant information on vulnerabilities/issues
- Attend Meeting #2 – **May 22**



Plan Development

- Community outreach
 - Community survey – open now!
 - Please distribute through social media, eblasts, etc.
 - City's website
 - Splash Pad Reopening – May 18, 10:00am-1:00pm
 - Focused outreach meetings – pending
- Update hazard profiles/mapping
- Initiate risk/vulnerability assessment



Questions/Additional Discussion?





**Rancho Santa Margarita
Local Hazard Mitigation Plan Update
Planning Team Meeting #2
May 22, 2024**

Meeting Participants: Refer to Sign-In Sheet

1. Introductions
2. Hazards and Hazard Mapping
 - a. Critical facility vulnerability
3. Asset Identification
 - a. People, including underserved communities and socially vulnerable populations
 - i. Social Vulnerability Index
 - ii. Partners, Facilities and Support Services
4. Capabilities Assessment
5. Next Steps
 - a. Survey - <https://www.surveymonkey.com/r/RSM-LHMP>
 - b. Focused Outreach
 - c. LHMP Sections – Community Profile, Risk Assessment, Community Capabilities
 - d. Meeting #3 – TBD
 - i. Summary of outreach
 - ii. Risk assessment
 - iii. Mitigation actions

**Rancho Santa Margarita
Local Hazard Mitigation Plan Update
Planning Team Meeting #2
May 22, 2024**

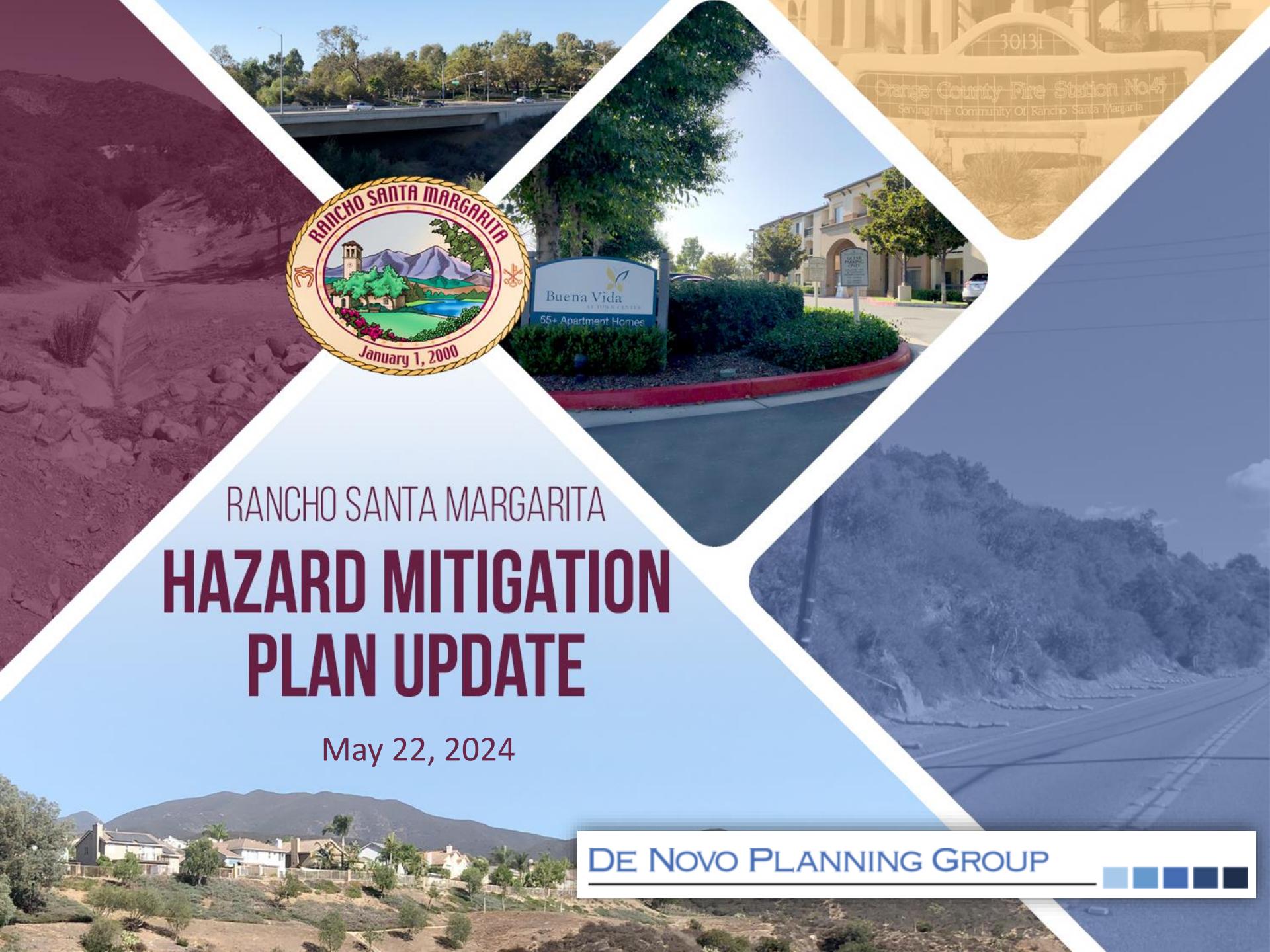
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Aleshire, Steve	Supervising Park Ranger II	O'Neill Park Ranger	30892 Trabuco Canyon Road Trabuco Canyon, CA 92678	steve.leshire@ojsd.org	714-730-5000	
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Shah, Ryan	Community Services Coordinator	City of Rancho Santa Margarita	22112 El Paseo Rancho Santa Margarita, CA 92688			RS
Starks, Wendy	Principal Planner	City of Rancho Santa Margarita	22112 El Paseo Rancho Santa Margarita, CA 92688			WS

**Rancho Santa Margarita
Local Hazard Mitigation Plan Update
Planning Team Meeting #2
May 22, 2024**

May 22, 2024



RANCHO SANTA MARGARITA HAZARD MITIGATION PLAN UPDATE

May 22, 2024

DE NOVO PLANNING GROUP



Agenda

- Introductions
- Hazards and hazards mapping
- Asset identification
- Capabilities assessment
- Next steps
- Questions/additional discussion



Data Needs

- Plans/studies
- Policies/programs
- Technical data
- GIS data
- Intrinsic/historic knowledge
- Photos
- Any relevant information on vulnerabilities/issues

Provide any information or resources to Wendy Starks



Hazards and Hazards Mapping



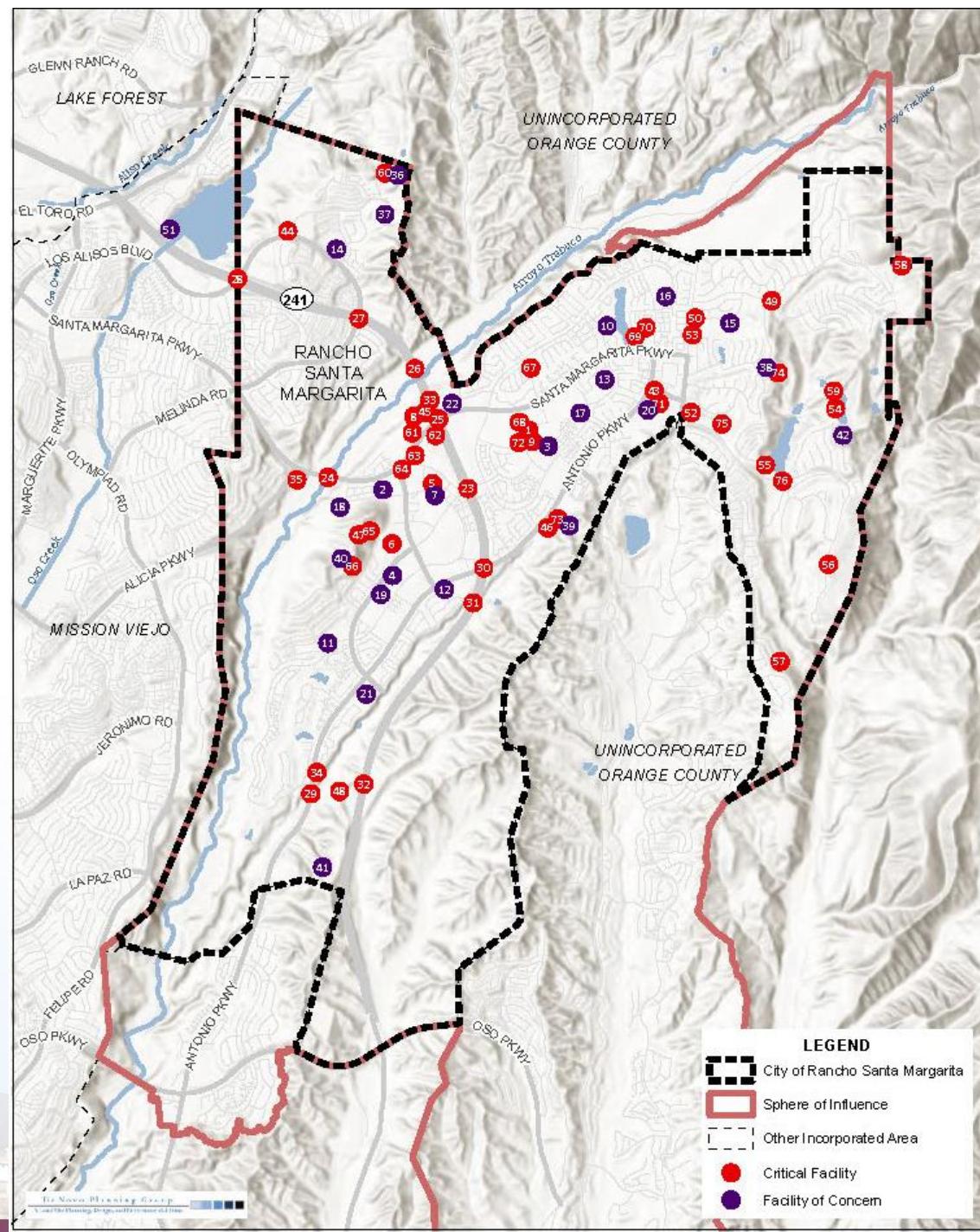
Plan Hazards

- Dam/Reservoir Failure
- Drought
- Flood
- Human-Induced Hazards
 - Arson
 - Hazardous Materials
 - Terrorism/Mass Attack
 - Unexploded Ordnance
- Landslide/Mudflow
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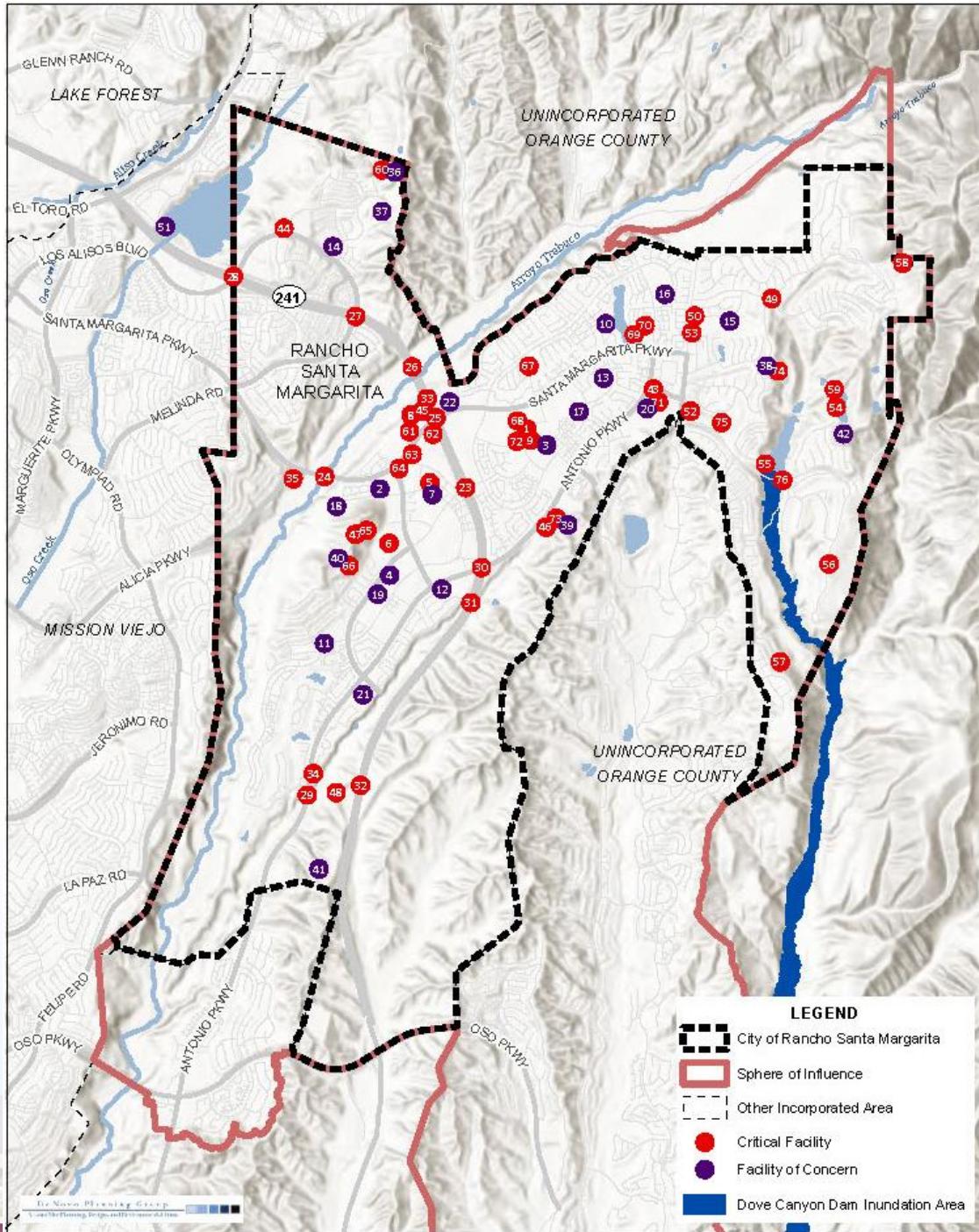
Changing Weather Patterns and Power Outage



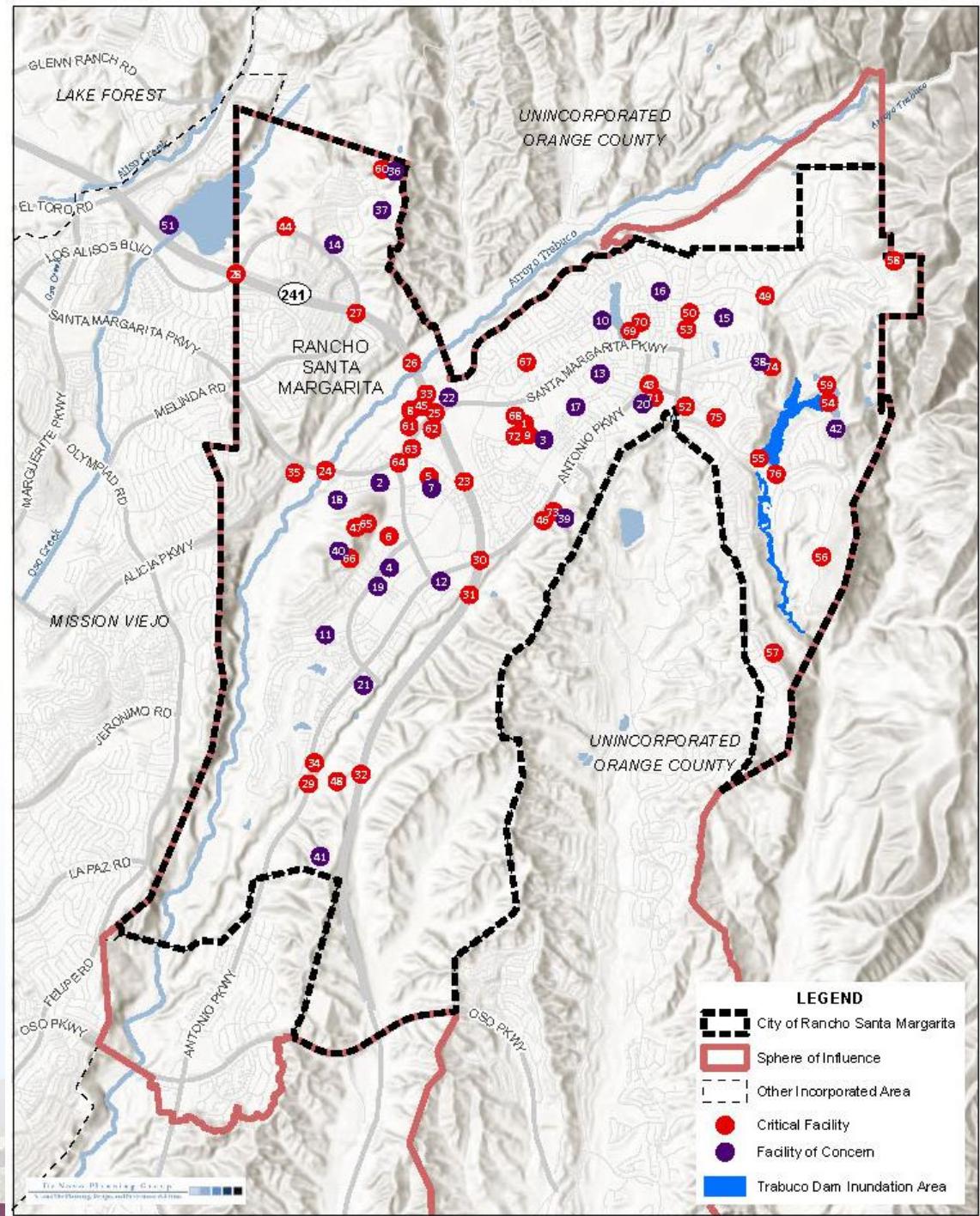
Critical Facilities



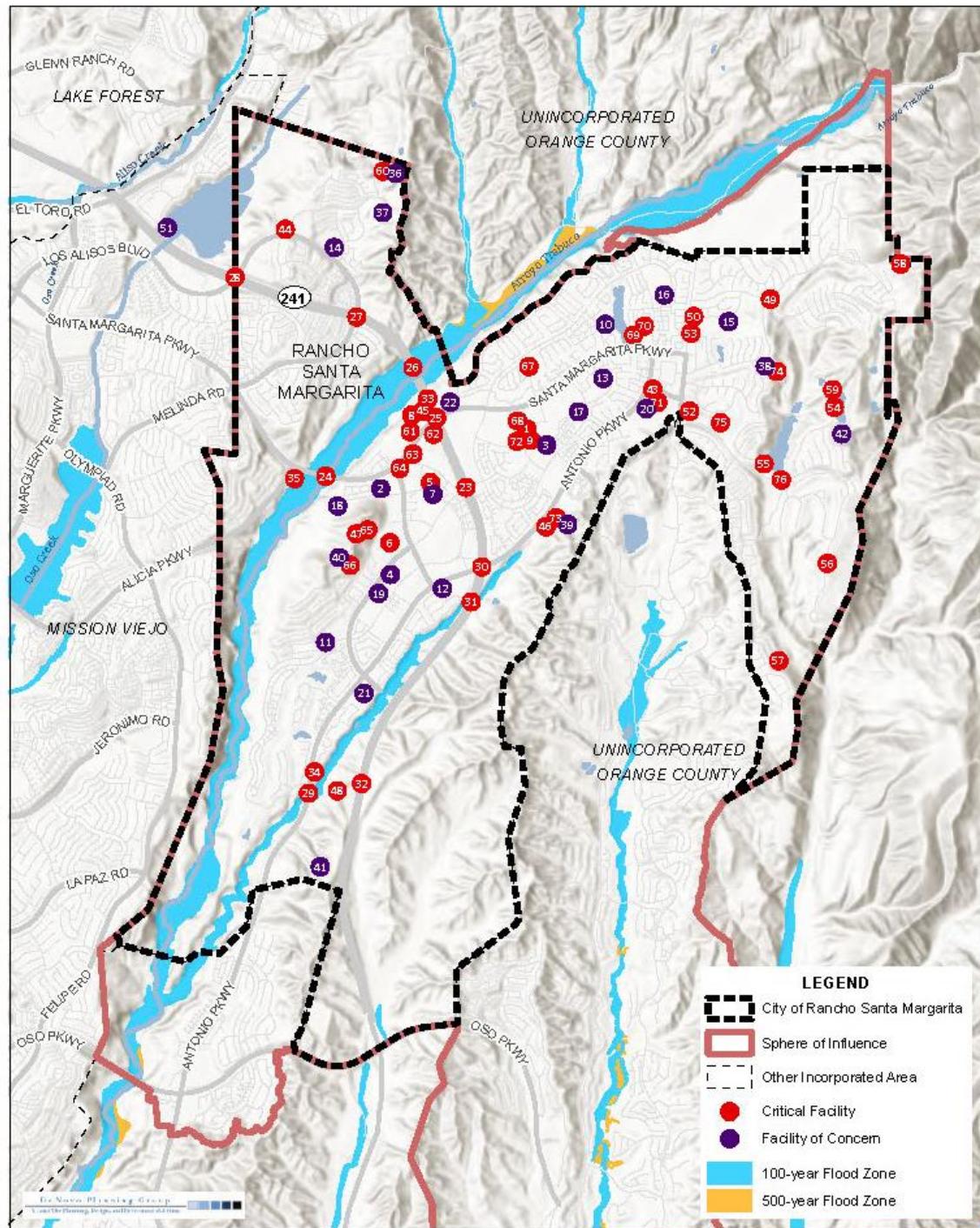
Dove Canyon Dam Inundation Area



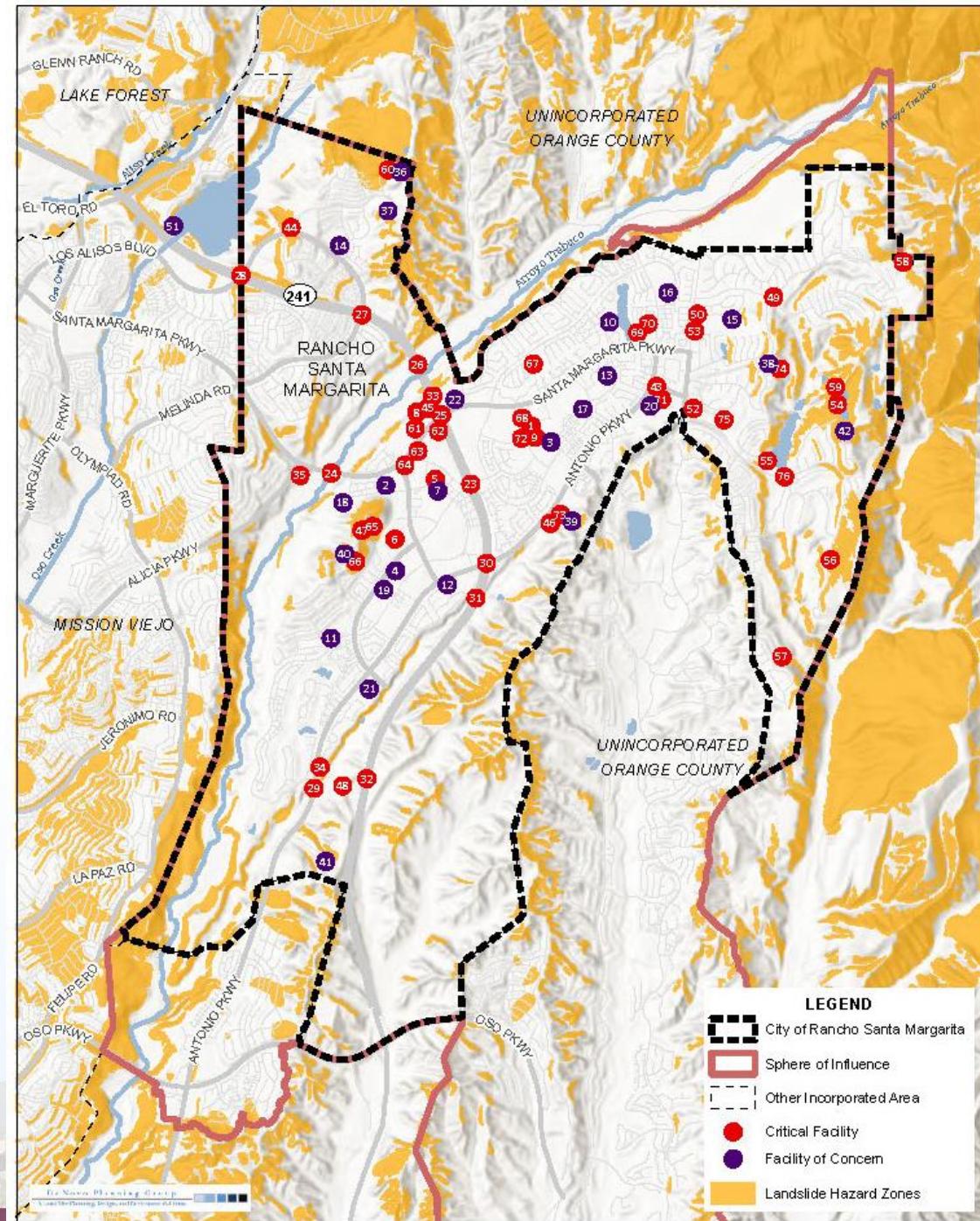
Trabuco Canyon Dam Inundation Area



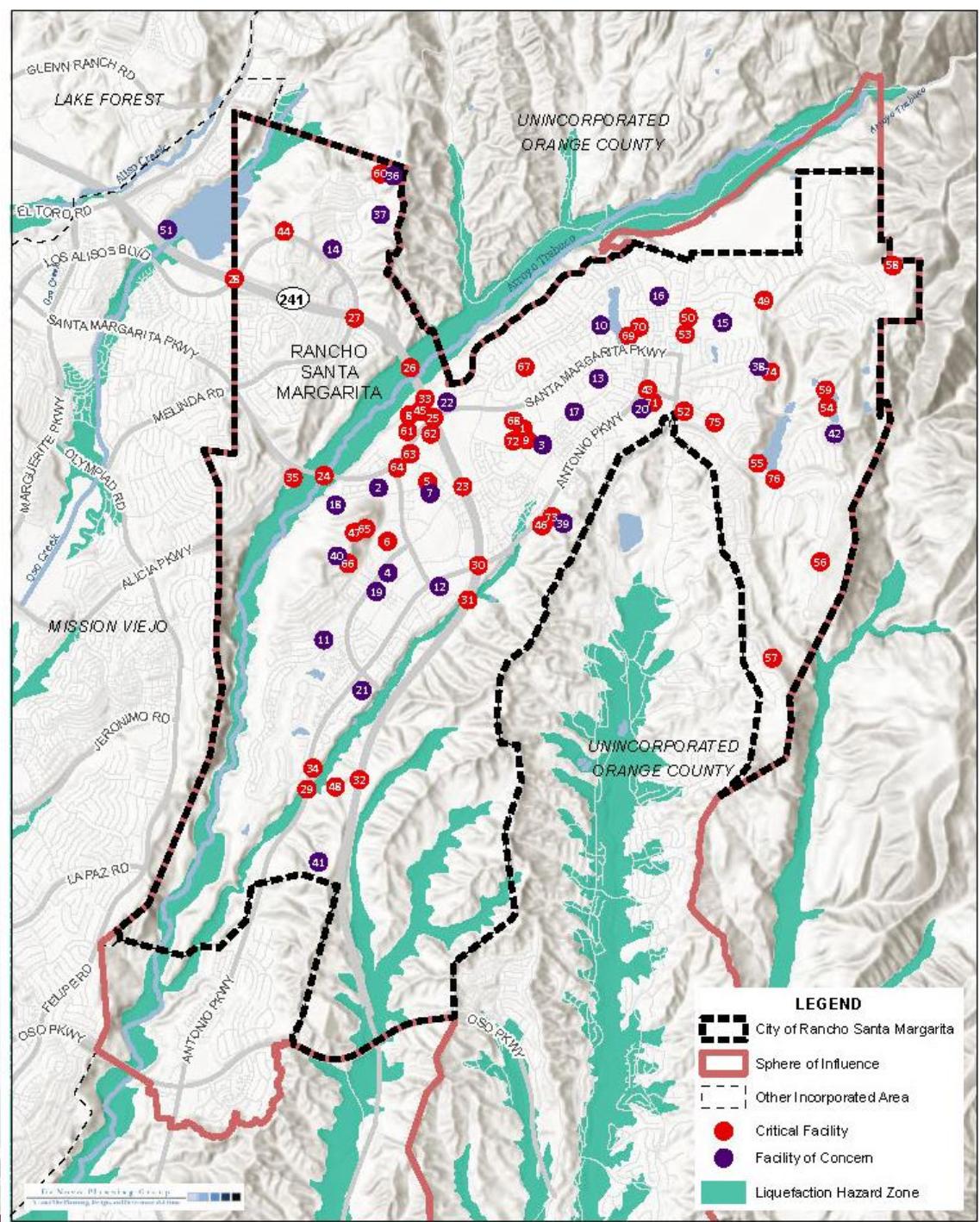
FEMA Flood Zones



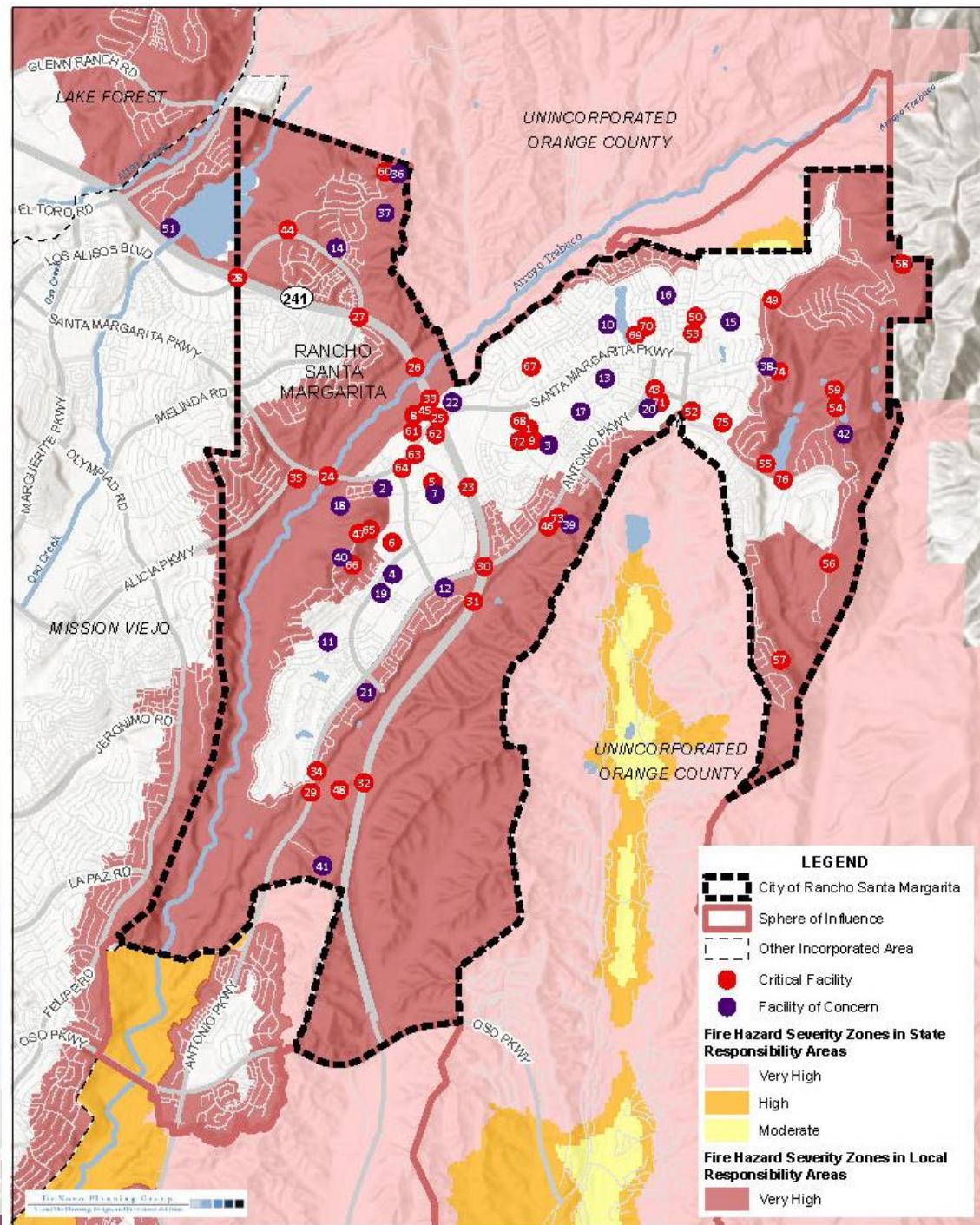
Landslide Hazard Zones



Liquefaction Hazard Zones



Fire Hazard Severity Zones



Critical Facility Vulnerability

Map ID	Facility	Dam Inundation	Liquefaction	Wildfires	Flood	Landslide/Mudflow
24	Santa Margarita Bridge (1)	N	Y	Y	Y	N
26	241 Toll Road Bridge	N	Y	Y	Y	N
27	Melinda Road Bridge	N	N	Y	N	Y
28	Los Alisos Bridge	N	N	Y	N	N
29	Antonio Parkway Bridge (1)	N	Y	Y	Y	N
30	Antonio Parkway Bridge (2)	N	N	Y	N	N
31	241 Toll Road/Tijeras Creek	N	N	Y	Y	N
32	Canada Chiquita Bridge	N	N	Y	N	Y
33	Pedestrian Bridge	N	N	Y	N	N
44	Altisima Pump Station	N	N	Y	N	Y
46	Foothill Pump Station	N	N	Y	N	N
47	Island Pasture Pump Station	N	N	Y	N	Y
48	Antonio Pump Station	N	N	Y	N	N



Critical Facility Vulnerability

Map ID	Facility	Dam Inundation	Liquefaction	Wildfires	Flood	Landslide/Mudflow
49	Robinson Ranch Pump Station	N	N	Y	N	N
52	Via Allegre Lift Station	N	Y	N	N	N
54	Trabuco Dam	N	N	Y	N	N
55	Dove Dam	N	N	Y	N	Y
56	Bell Canyon Lift Station	N	N	Y	N	Y
57	Barneburg Lift Station	N	N	Y	N	N
58	Trabuco Reservoirs (2)	N	N	Y	N	N
59	Robinson Ranch Wastewater Treatment Plant	N	N	Y	N	Y
60	Macro Wireless Facility	N	N	Y	N	N
65	Macro Wireless Facility	N	N	Y	N	Y
66	Macro Wireless Facility	N	N	Y	N	Y
73	Macro Wireless Facility	N	N	Y	N	Y
75	Macro Wireless Facility	Y	Y	N	N	N



Asset Identification



Assets

- People, including underserved communities and socially vulnerable populations
- Structures, including new and existing buildings
- **Community lifelines and other critical facilities**
- Natural, historic and cultural resources
- The economy and other activities that have value to the community



Assets

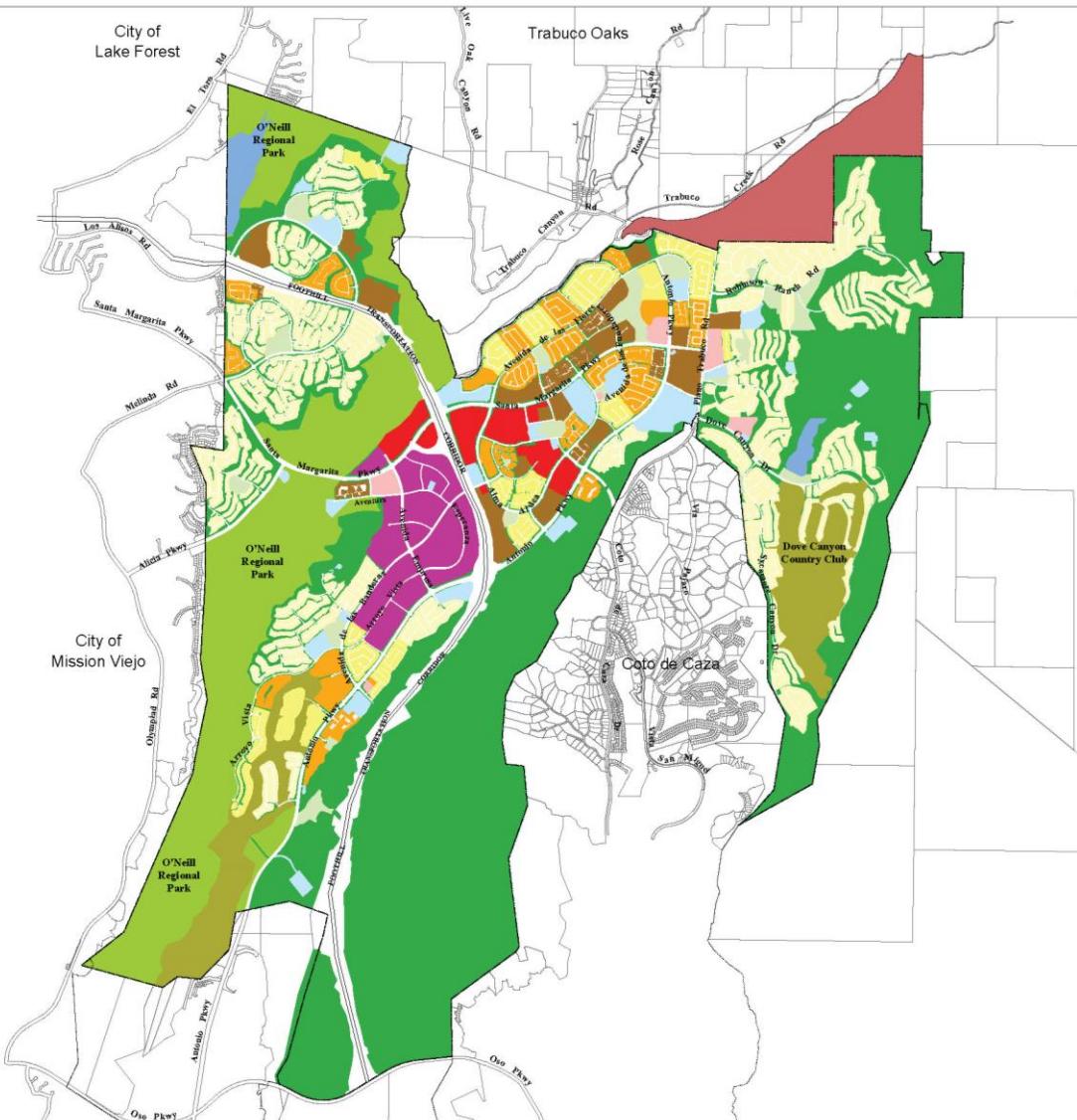
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- Structures, including new and existing buildings
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- The economy and other activities that have value to the community



People

- Areas of population density
- Groups with unique vulnerabilities
- People less able to prepare, respond, and/or recover
- Visiting populations – students, second homeowners, special events





LEGEND

- City Boundary
- Sphere of Influence
- Low Density Residential (0.7-1.0 Units/Net Acre, Average 0.5 Units/Net Acre)
- Low Medium Density Residential (7.0-11.0 Units/Net Acre, Average 10.0 Units/Net Acre)
- Medium Density Residential (11.0-18.0 Units/Net Acre, Average 14.3 Units/Net Acre)
- High Density Residential (18.0-25.0 Units/Net Acre, Average 20.0 Units/Net Acre)
- Commercial General
- Neighborhood Commercial
- Business Park
- Community Facility
- Park
- Open Space
- Open Space Golf
- Regional Open Space
- Water
- Future Planned Community



0 2,250 4,500 Feet

Sources: City of Rancho Santa Margarita, July 2015 and Orange County Local Agency Formation Commission, 2013.



Socioeconomic Status

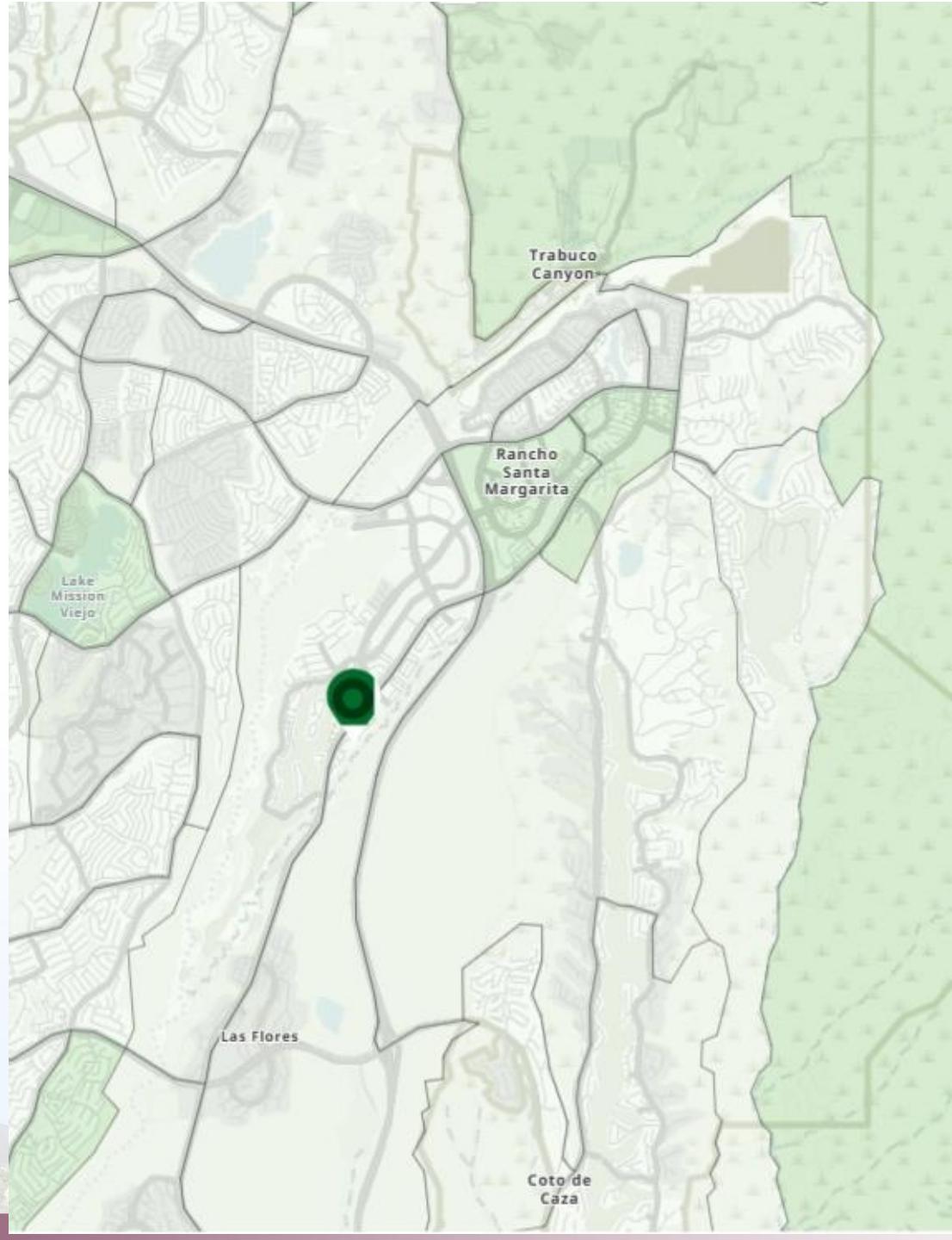
California: Statewide Comparison

Level of Vulnerability

- Low
- Low-Medium

Variables

- Individuals below poverty level
- Civilian unemployment 61+ years
- Per capita income
- No high school diploma 25+
- Below 150% poverty
- Housing cost burden
- No health insurance



Household Characteristics

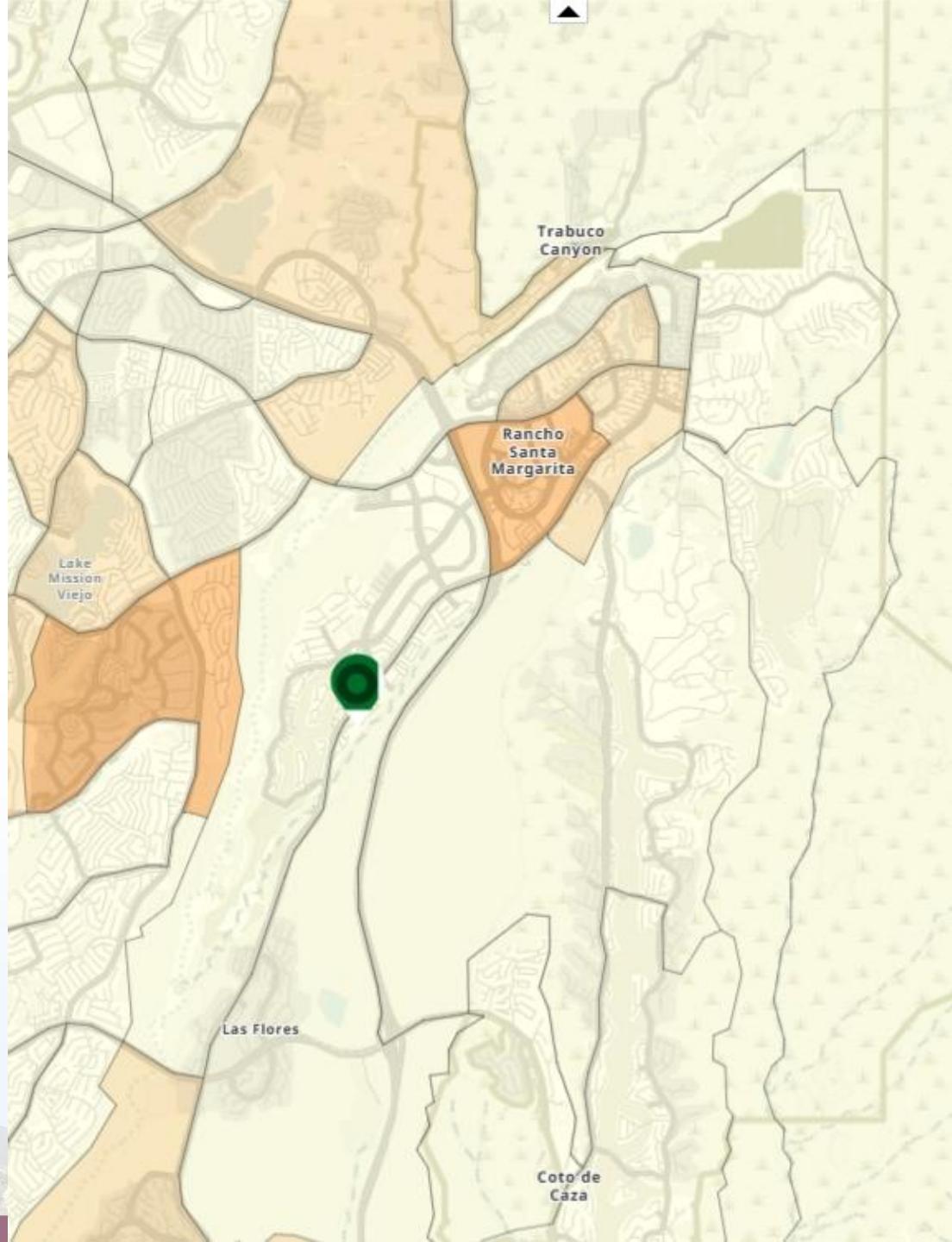
California: Statewide Comparison

Level of Vulnerability

- Low
- Low-Medium
- Medium-High

Variables

- Persons 65+ years
- Persons 17 years and younger
- Persons 5+ years with a disability
- Single-parent households w/children under 18 years
- Persons 5+ years who speak English less than well



Racial and Ethnic Minority Status

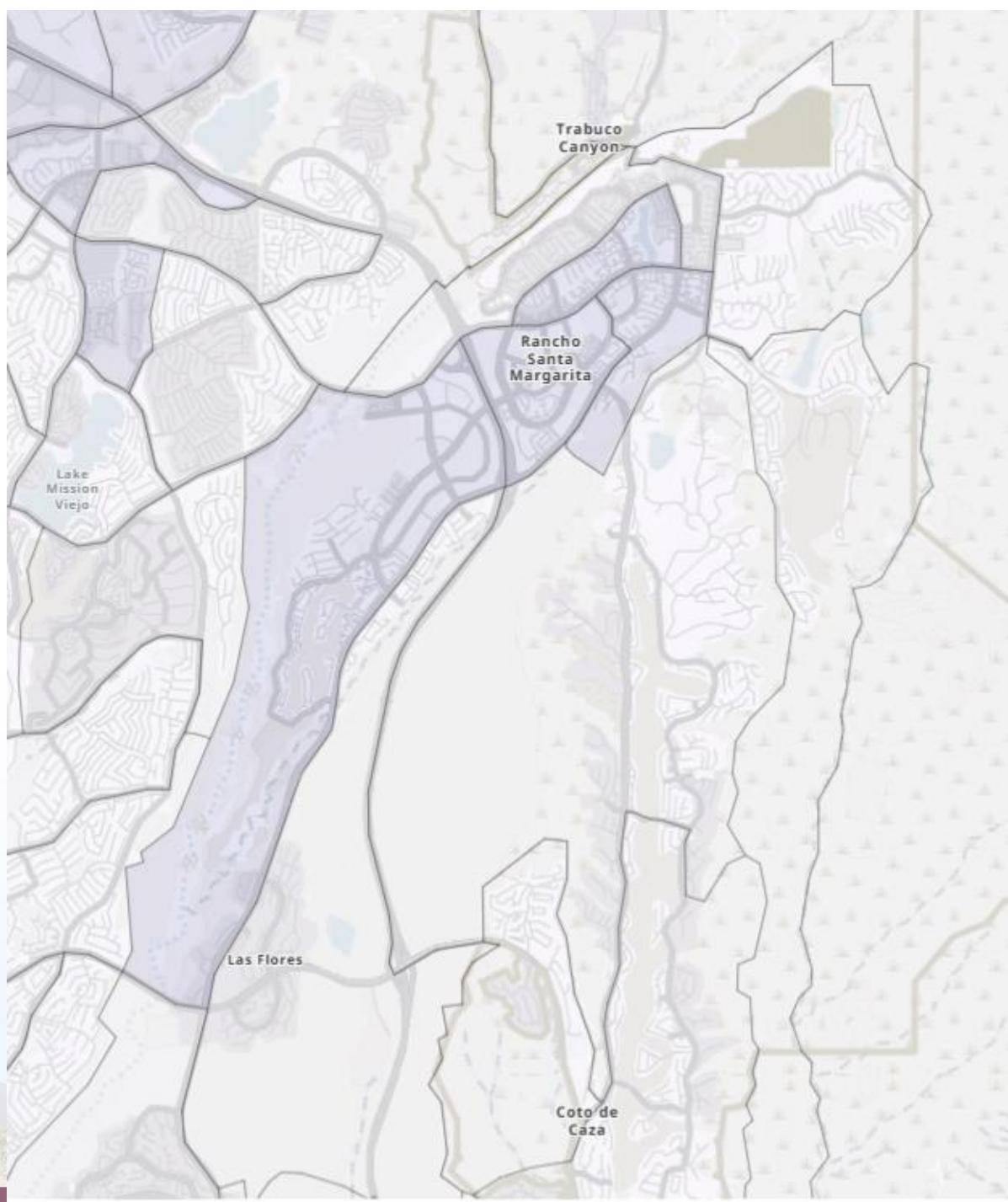
California: Statewide Comparison

Level of Vulnerability

- Low
- Low-Medium

Variables

- Persons who are racial and/or ethnic minorities
- Persons 5+ years who speak English less than well



Housing Type and Transportation

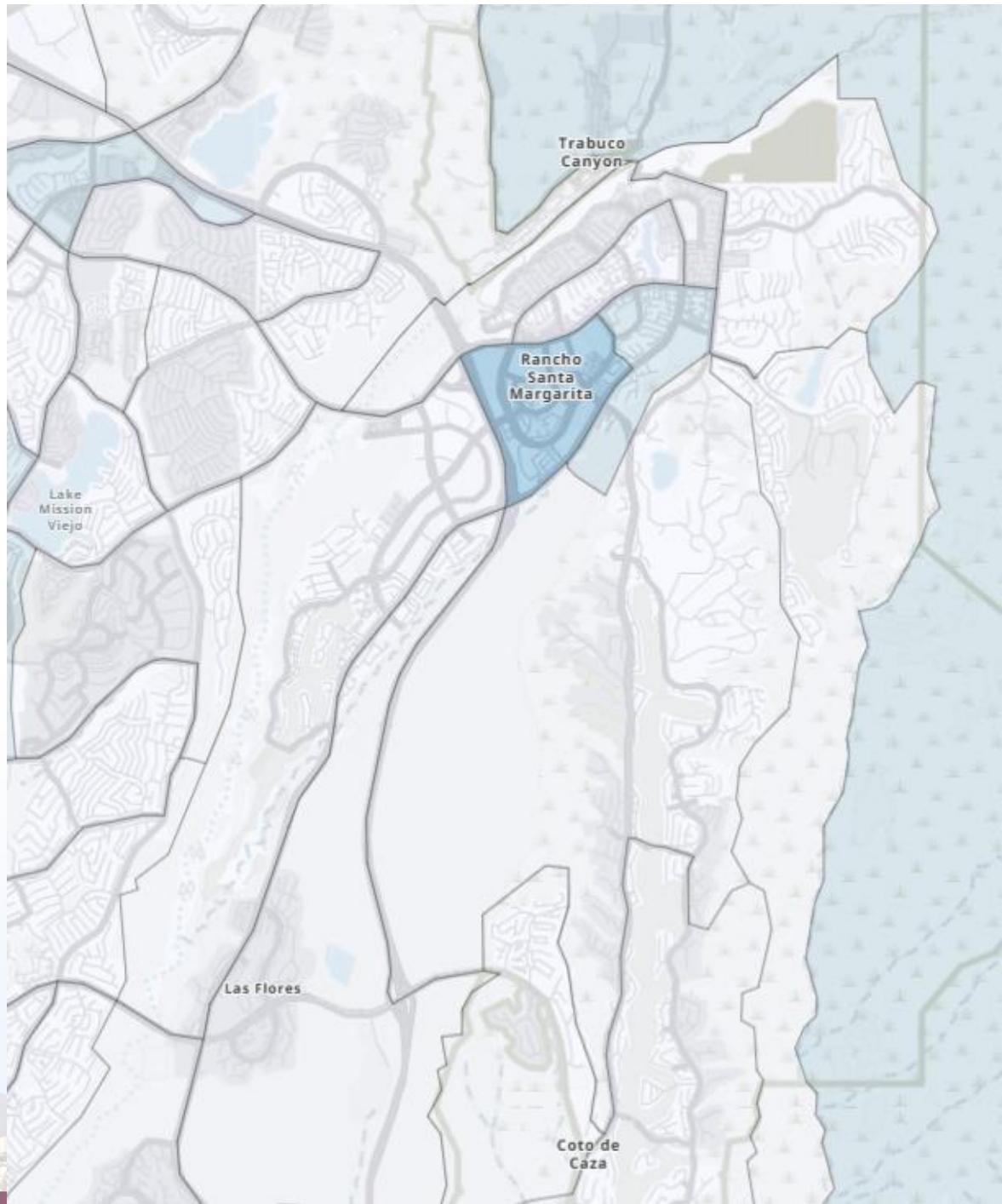
California: Statewide Comparison

Level of Vulnerability

- Low
- Low-Medium
- Medium-High

Variables

- Housing with 10+ units
- Mobile homes
- Households with more people than rooms
- Households with no vehicle access
- Persons who are in institutional and on-institutional group homes

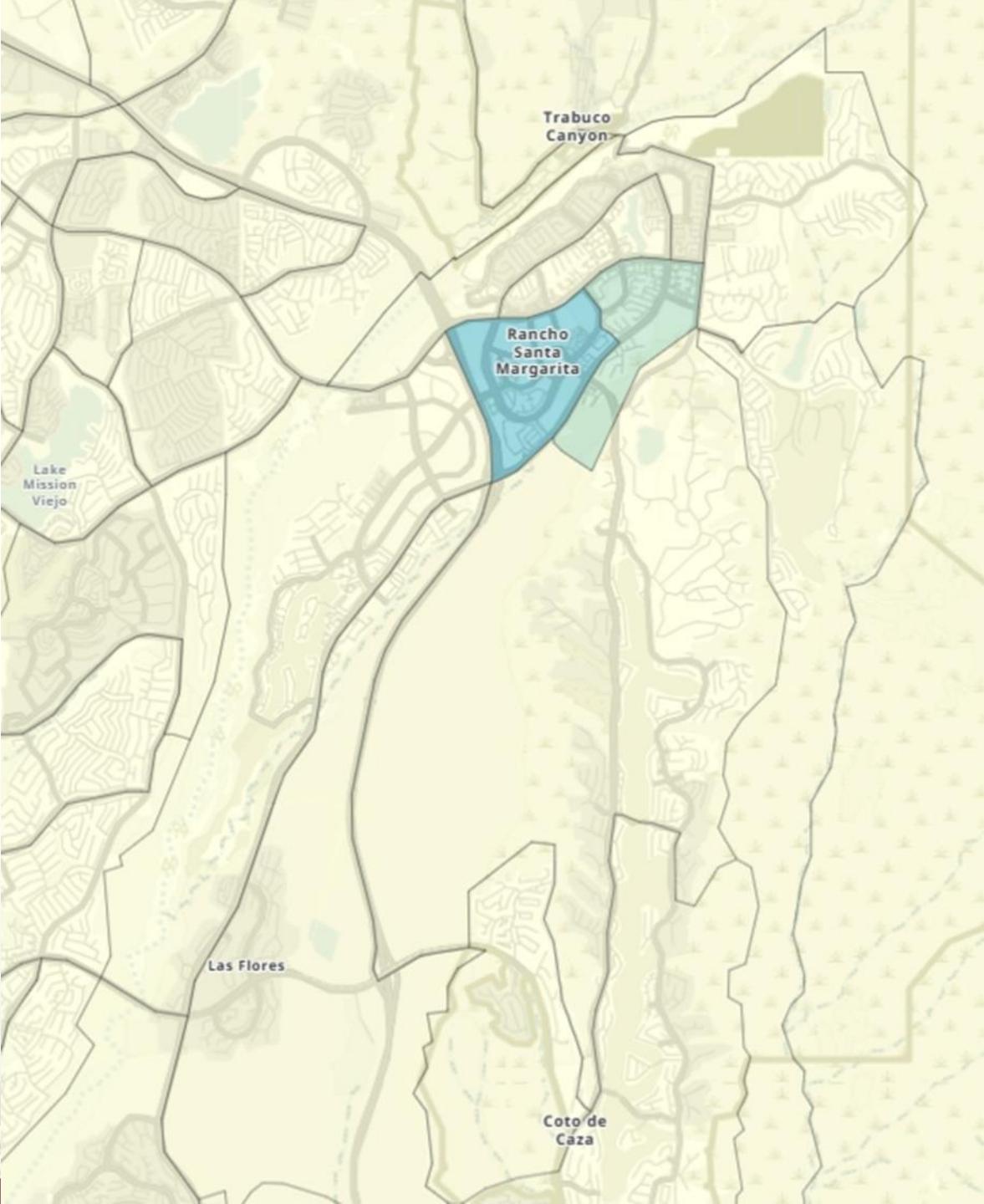


Overall Social Vulnerability Index

California: Statewide Comparison

Level of Vulnerability

- Low
- Low-Medium
- Medium-High



Partners, Facilities and Support Services

- Identify partners who represent underserved and socially vulnerable communities
- Consider facilities and support services – hospitals, dependent care facilities, oxygen delivery, accessible transportation



Capabilities Assessment



Capabilities Assessment

- Two components
 - Inventory of existing resources and tools to accomplish mitigation and reduce long-term vulnerability, and understanding of ability to use them effectively
 - Identification of gaps, conflicts, and/or weaknesses that may need to be addressed through mitigation
- Types of capabilities
 - Planning and regulatory
 - Administrative and technical
 - Financial
 - Education and outreach



Types of Capabilities

- Planning and regulatory
 - Ordinances
 - Policies
 - Local laws and state statutes
 - Plans and programs that guide and manage growth
- Questions to consider:
 - Does the plan address hazards?
 - Does the plan identify projects to include in the mitigation strategy?
 - Can the plan be used to implement mitigation actions?
 - How can the capabilities be expanded and improved to reduce risk?



Types of Capabilities

- **Administrative and technical**
 - City staff – skills/tools and capacity
 - Public and private resources
 - Ability to access and coordinate resources effectively
- **Questions to consider:**
 - Is coordination effective?
 - Is staffing adequate to enforce regulations?
 - Is staff trained on hazards and mitigation?
 - Is coordination between agencies and staff effective?
 - Has the capability been used to assess/mitigate risk in the past?
 - How can the capabilities be expanded and improved to reduce risk?



Types of Capabilities

- Financial
 - Resources have or eligible to use to fund mitigation
 - Staff time, existing operating budgets, impact fees
 - Local, state and federal funding sources
- Questions to consider:
 - Has the funding resource been used in the past and for what types of activities?
 - Could the resource be used to fund future mitigation actions?
 - How can the capabilities be expanded and improved to reduce risk?



Types of Capabilities

- Education and outreach
 - Programs and methods in place to implement mitigation actions and communicate hazard-related information
 - fire safety programs, education programs
 - Public information or communication activities
- Questions to consider:
 - Could the program/organization help to implement future mitigation activities?
 - How can the capabilities be expanded and improved to reduce risk?



Capabilities Assessment

- Are there opportunities to improve upon the capabilities?
 - Can a plan be used to identify hazards and implement mitigation actions?
 - How can the capabilities be expanded and improved to reduce risk?
 - Is there a missing capability that needs to be considered?
 - Is additional staff/community training needed?
 - What financial resources can be used?
 - How can partner agencies/organizations work together to inform/educate the community?



Next Steps



Planning Team

- Review Capabilities Assessment
 - Provide input
- Data/resources
 - Plans/studies
 - Policies/programs
 - Technical data
 - GIS data
 - Intrinsic/historic knowledge
 - Photos
 - Any relevant information on vulnerabilities/issues
- **Advertise Survey!**
 - Please distribute through social media, eblasts, etc.



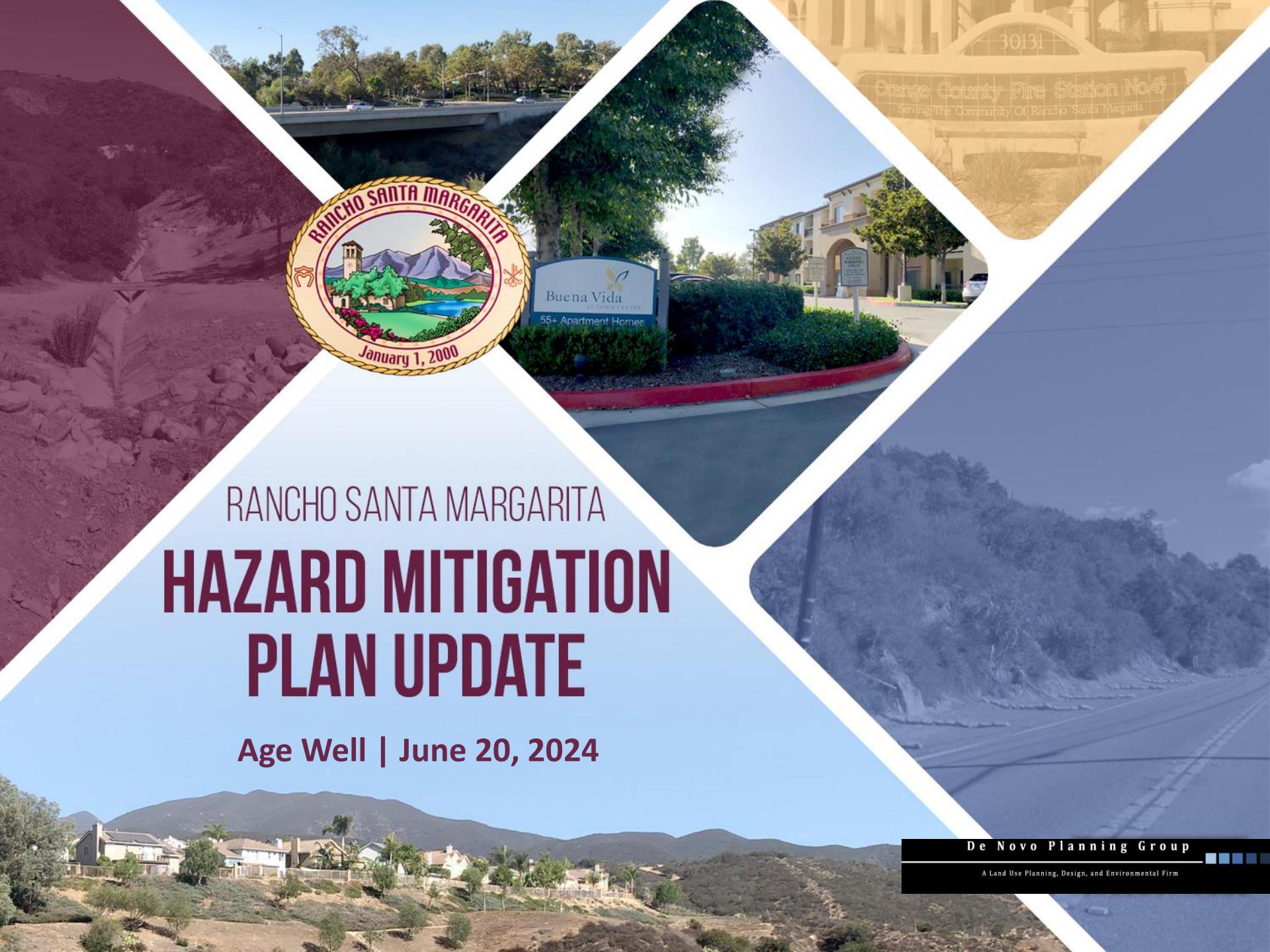
Plan Development

- Community outreach
 - Community survey – open now!
 - City's website
 - Focused outreach meetings – pending
- Prepare community profile, risk assessment, community capabilities
- Meeting #3 – TBD
 - Summary of outreach
 - Risk assessment
 - Mitigation actions



Questions/Additional Discussion?





RANCHO SANTA MARGARITA HAZARD MITIGATION PLAN UPDATE

Age Well | June 20, 2024

De Novo Planning Group

A Land Use Planning, Design, and Environmental Firm

Presentation Overview

- Introductions
- Meeting purpose
- What is a LHMP?
- Why is the City updating the LHMP?
- Discussion
- How can you help?
- What's next?



Purpose of Our Meeting Today

- We want to know YOUR experience with and thoughts about hazards in Rancho Santa Margarita



What is a LHMP?

Local: Specific to the City of Rancho Santa Margarita

Hazard: Identifies hazards, likelihood of occurring, and community's risk/vulnerability to the hazard

Mitigation: Ways to lessen the risks/vulnerabilities and make the hazards less harmful

Plan: Long-term policies and actions to increase resilience and reduce vulnerabilities



Why is the City Updating the LHMP?

01

**Confirm and update
threats and hazards,
including risks and
community's
vulnerability to risks**

02

**Make the
community more
“disaster resistant”**

03

**Maintain eligibility
for federal
emergency grant
funds**



Discussion



Hazards Being Evaluated



Seismic Hazards



Wildfires



Pest management/disease



Drought



Severe Weather



Floods & Dam Failure



Landslides/Mudflow



Human-induced hazards



Discussion Questions

- Do you have any personal experience with these hazards in Rancho Santa Margarita?
- What are the most likely types of hazards that could affect you?
- Do you feel prepared for these hazards?
- Where would you go in an emergency?
- How do you obtain information about hazards and emergencies?
- What is your biggest concern about any of these hazards?
- Are there any other issues or concerns we should be aware of?



How Can You Help?



By participating today!



Complete the survey



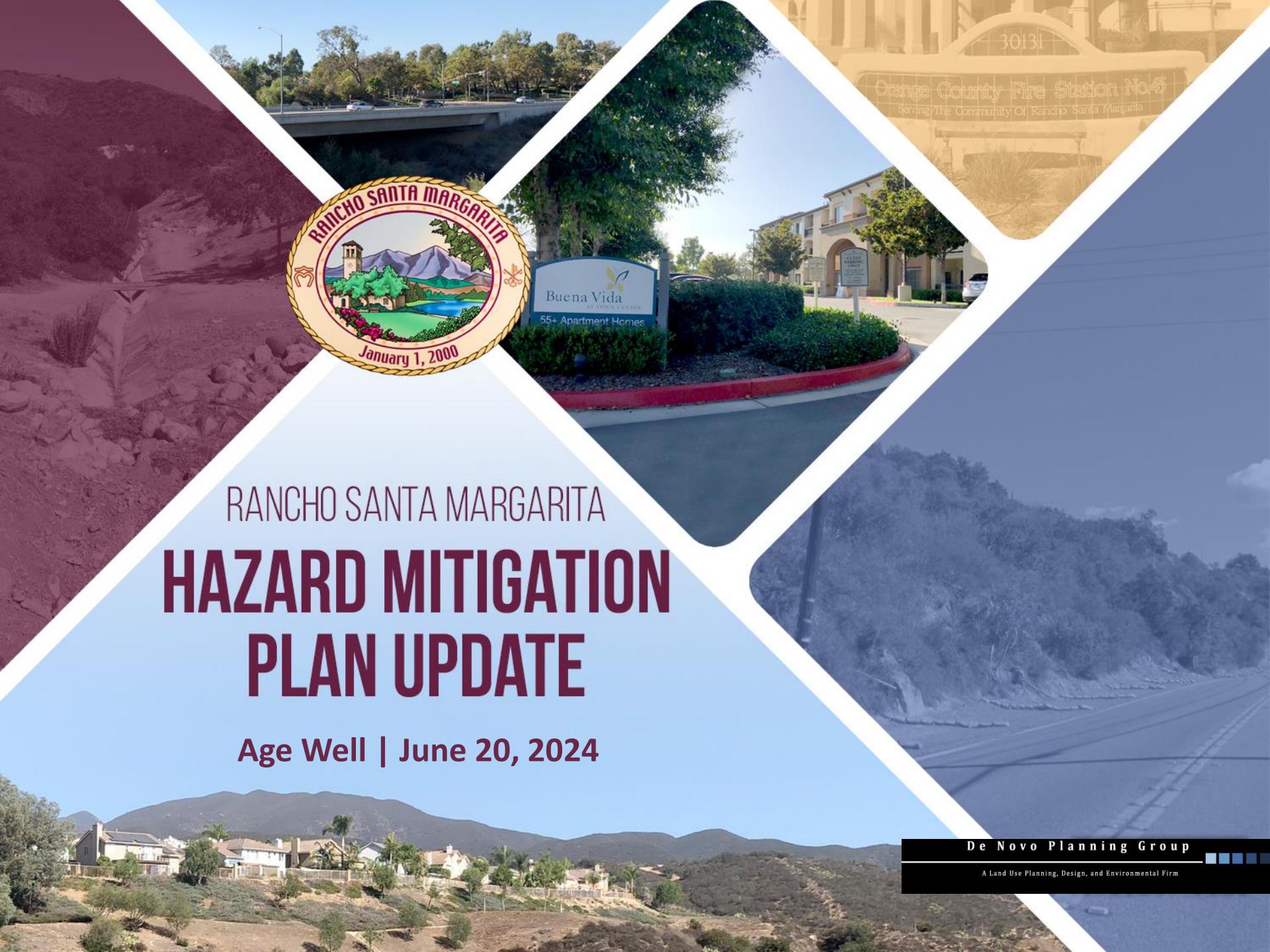
Review the Draft Plan



What's Next?

- Outreach – summer
 - Survey
 - Summer concerts
 - Focused outreach
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- Submit to Cal OES/FEMA
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We would like to hear from you!

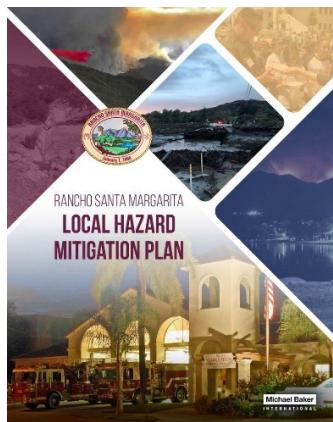
Rancho Santa Margarita is in the process of updating the Local Hazard Mitigation Plan (LHMP). The LHMP helps the community to reduce its vulnerability to the impacts of natural hazards like earthquakes, drought, wildfires, and others.

Your input is important to us as we identify threats and strategies to mitigate them.

**Please join us on Thursday, June 20th at 12:15 p.m.
right after lunch in The La Miranda for dessert,
coffee, and discussion.**

The City's Planning Team really values your opinion.

For questions regarding the LHMP, call Wendy Starks,
Principal Planner at 949.635.1807









RANCHO SANTA MARGARITA HAZARD MITIGATION PLAN UPDATE

Applied Medical | June 27, 2024

De Novo Planning Group

A Land Use Planning, Design, and Environmental Firm

Presentation Overview

- Introductions
- Meeting purpose
- What is a LHMP?
- Why is the City updating the LHMP?
- Discussion
- How can you help?
- What's next?



Purpose of Our Meeting Today

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Hazards Being Evaluated



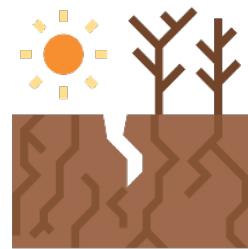
Seismic Hazards



Wildfires



Pest management/disease



Drought



Severe Weather



Floods & Dam Failure



Landslides/Mudflow



Human-induced hazards



Discussion



Discussion

- Do you have experience with the identified hazards?
 - What was the impact?
 - Damage to property? Loss of service? Interruption of work?
 - Were preventative measures implemented to address future events?
 - At home? At work?
 - What actions would help reduce the impact of the hazard?
 - At home? At work?
- Do you have a safety plan at home/work?
- What is your biggest concern in the event of a hazard?
 - What actions could help reduce the concern?



How Can You Help?



By participating today!



Complete and share the survey



Review the Draft Plan



What's Next?

- Outreach – summer
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 - Summer concerts
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- Draft LHMP Update Public Review
 - Estimated late Summer/early Fall 2024
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 - Estimated Fall 2024
- City Council Adoption
 - Estimated Winter 2024



From: [Wendy Starks](#)
To: sbarker@denovoplanning.com
Subject: FW: The City of Rancho Santa Margarita's Local Hazard Mitigation Plan Update Focus Group
Date: Monday, June 17, 2024 8:56:10 AM
Attachments: [Applied Medical March 2019 sign up sheet.pdf](#)

fyi

Wendy Starks, AICP
Principal Planner
City of Rancho Santa Margarita
22112 El Paseo
Rancho Santa Margarita, CA 92688
Direct phone number – 949-635-1807

From: Wendy Starks
Sent: Monday, June 17, 2024 8:56 AM
To: 'Falkenstein, Zoran' <zfalkenstein@appliedmedical.com>
Cc: Cheryl Kuta <ckuta@cityofrsm.org>
Subject: FW: The City of Rancho Santa Margarita's Local Hazard Mitigation Plan Update Focus Group

Good morning Zoran,

The City of Rancho Santa Margarita is in the process of updating its current Federal Emergency Management Agency (FEMA) approved Local Hazard Mitigation Plan (LHMP) that is required to be updated every five years or by December, 2024. More information about the current LHMP and the process to update it can be found on the City's website here:

<https://www.cityofrsm.org/565/Local-Hazard-Mitigation-Plan>

An essential component of the LHMP update is public participation. In 2019, Applied Medical held a focus group meeting with the City and our consultant and really important feedback and information was received during that meeting that made our LHMP much more robust. The City is hoping that we can replicate those efforts again for the update. I know it is very short notice – but we have some availability this week. Do any of the following days/times work for your team? We could meet at Applied Medical. Alternatively, please let us know if there is a day/time that works for you next week.

Tuesday, June 18: up until 2:00 pm

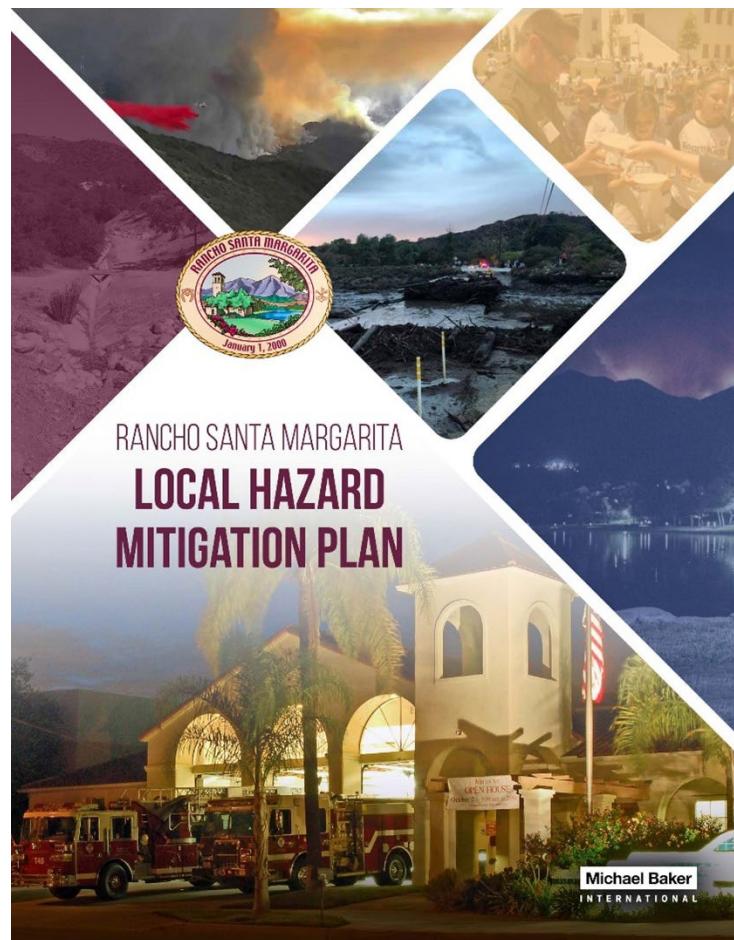
Wednesday, June 19: 12:00 p.m. to 2:30 p.m.

I am attaching the sign up sheet from our 2019 focus group so you can see who attended last time.

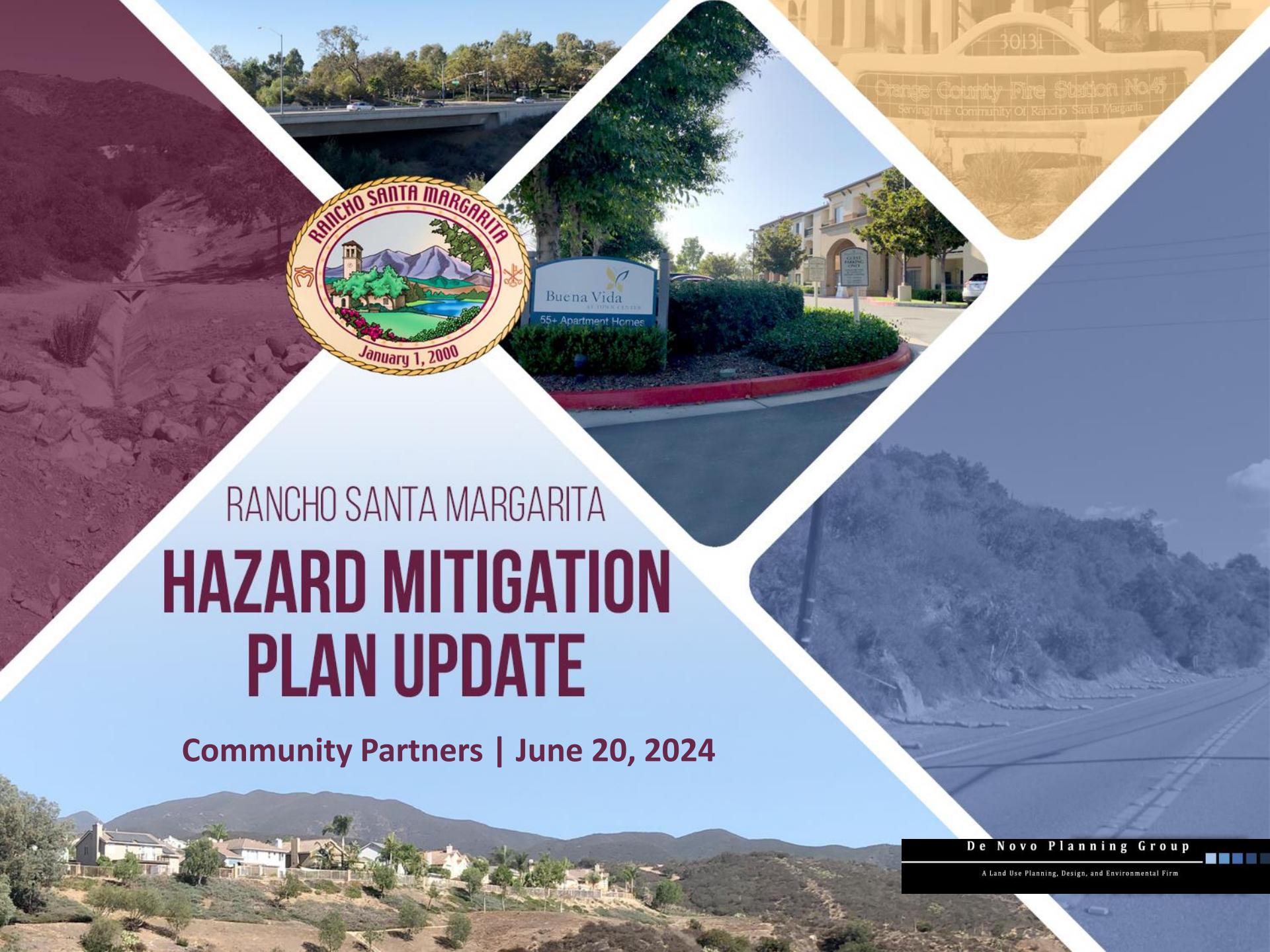
Please contact me at 949.635-1807 or at wstarks@cityofrsm.org at your earliest convenience.

Thank you!

Wendy Starks, AICP
Principal Planner
City of Rancho Santa Margarita
22112 El Paseo
Rancho Santa Margarita, CA 92688
Direct phone number – 949-635-1807







RANCHO SANTA MARGARITA

HAZARD MITIGATION

PLAN UPDATE

Community Partners | June 20, 2024

De Novo Planning Group

A Land Use Planning, Design, and Environmental Firm

Presentation Overview

- Introductions
- Meeting purpose
- What is a LHMP?
- Why is the City updating the LHMP?
- Discussion
- How can you help?
- What's next?



Purpose of Our Meeting Today

- Identify socially vulnerable and underserved populations
- Better understand the needs of the community
 - Vulnerability during hazards
- Opportunities to involve and reduce vulnerability



What is a LHMP?

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Hazards Being Evaluated



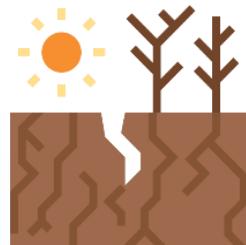
Seismic Hazards



Wildfires



Pest management/disease



Drought



Severe Weather



Floods & Dam Failure



Landslides/Mudflow



Human-induced hazards



Discussion



How Can You Help?



By participating today!



Complete and share the survey



Review the Draft Plan



What's Next?

- Outreach – summer
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From: [Wendy Starks](#)
To: [Cheryl Kuta](#); sbarker@denovoplanning.com
Subject: FW: The City of Rancho Santa Margarita's Local Hazard Mitigation Plan Update Focus Group
Date: Monday, June 10, 2024 3:59:38 PM

Starla – for your files....

Wendy Starks, AICP
Principal Planner
City of Rancho Santa Margarita
22112 El Paseo
Rancho Santa Margarita, CA 92688
Direct phone number – 949-635-1807

From: Wendy Starks
Sent: Monday, June 10, 2024 3:59 PM
To: Wendy Starks <wstarks@cityofrsm.org>
Subject: The City of Rancho Santa Margarita's Local Hazard Mitigation Plan Update Focus Group

Good afternoon,

The City of Rancho Santa Margarita is in the process of updating its current Federal Emergency Management Agency (FEMA) approved Local Hazard Mitigation Plan (LHMP) that is required to be updated every five years or by December, 2024. More information about the current LHMP and the process to update it can be found on the City's website here:

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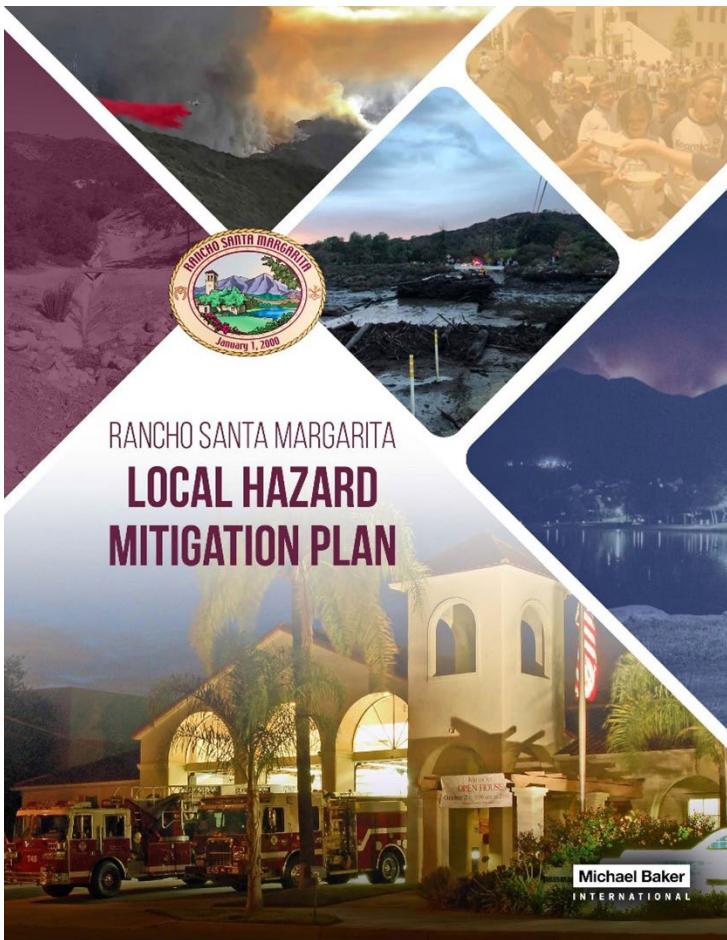
An essential component of the LHMP update is public participation. We are hoping to assemble a small group of people who can directly speak to issues relating to vulnerable populations and the risks and hazards from their perspective.

Would you be available on Thursday, June 20th at 4:30 p.m. for about an hour? We would meet at City Hall in our Emergency Operations Center (EOC) or main boardroom. Light refreshments and snacks would be provided.

Please contact me at 949.635-1807 or at wstarks@cityofrsm.org at your earliest convenience.

Thank you!

Wendy Starks, AICP
Principal Planner
City of Rancho Santa Margarita
22112 El Paseo
Rancho Santa Margarita, CA 92688
Direct phone number – 949-635-1807



Rancho Santa Margarita Local Hazard Mitigation Plan Update June 20, 2024



The City of Rancho Santa Margarita is preparing a Local Hazard Mitigation Plan. Please help us by answering the following questions. When done, please give to a volunteer.

La Ciudad de Rancho Santa Margarita está preparando un Plan Local de Mitigación de Riesgos. Por favor ayúdenos respondiendo las siguientes preguntas. Cuando termine, por favor entréguele la encuesta a un voluntario.

شهر رانچو سانتا مارگاریتا در حال آماده‌سازی یک طرح کاهش خطرات محلی است. لطفاً با پاسخ به پرسش‌های زیر ما را یاری کنید. پس از اتمام، لطفاً آن را به یک داوطلب تحویل دهید.

1. Which of these are you most worried about?

¿Cuál de estos temas le preocupa más?

بیشتر نگران کدامیک از موارد زیر هستید؟



Dam/Reservoir Failure

Falla de la presa/embalse

خرابی سد/منبع آب



Drought

Sequía

خشکسالی



Flood

Inundación

سیل



Human-caused Hazards (hazardous materials, arson, terrorism)

Peligros causados por el hombre (materiales peligrosos, incendios provocados, terrorismo)

خطرات ناشی از انسان (مواد خطرناک، آتش‌سوزی عمدی، تروریسم)



Landslide/Mudflow

Deslizamiento de tierra/flujo de lodo

رانش زمین/جریان گل و لای



Pest Management and Disease

Manejo de plagas y enfermedades

مدیریت آفات و بیماری



Seismic Hazards (earthquake, liquefaction, landslides)

Peligros sísmicos (terremotos, licuefacción, deslizamientos de tierra)

خطرات لرزه‌ای (زلزله، سستی خاک، رانش زمین)



Severe Weather (heavy rains, Santa Ana winds, extreme heat)

Clima severo (fuertes lluvias, vientos de Santa Ana, calor extremo)

آب و هوای نامساعد (باران‌های شدید، بادهای سانتا آنا، گرمای شدید)



Wildfire

Incendios forestales

آتش‌سوزی

2. What worries you the most? Choose up to three.

Qué le preocupa más? Elija hasta tres opciones.

چه چیزی شما را بیش از همه نگران می‌کند؟ حداکثر سه مورد را انتخاب کنید.

Having to leave your home

Tener que salir de casa

مجبور شوید خانه خود را ترک کنید

Cost of repairs to home or to replace personal property

Costo de reparaciones a la casa o reemplazo de propiedad personal

هزینه تعمیرات خانه یا تعویض اموال شخصی

Contacting and staying together with your family

Contactar y permanecer junto a su familia

تماس با خانواده خود و ماندن در کنار آنها

Staying safe until help arrives

Mantenerse a salvo hasta que llegue la ayuda

ایمن ماندن تا زمانیکه کمک برسد

Ability to leave your home due to no car or other transportation

Posibilidad de salir de su casa sin tener un automóvil u otro medio de transporte

امکان عدم خروج از خانه به دلیل نداشتن خودرو یا سایر وسایل نقلیه

Availability of housing/shelter if you have to leave or your home is damaged

Disponibilidad de vivienda/refugio si tiene que irse o su casa sufre daños

دسترسی به مسکن/سرپناه در صورتیکه مجبور به ترک خانه هستید یا خانه شما آسیب دیده است

Damage to your home or personal property

Daños a su hogar o propiedad personal

خسارت به خانه یا اموال شخصی شما

Being able to bring pets with you to emergency housing/shelter

Poder llevar a sus mascotas a una vivienda o refugio de emergencia

امکان آوردن حیوانات خانگی با خود به مسکن اضطراری/پناهگاه

Ability to meet special medical needs

Capacidad para satisfacer necesidades médicas especiales

توانایی رفع نیازهای خاص پزشکی

Other

Otro

سایر موارد

3. Do you live in Rancho Santa Margarita?

ع Vive en Rancho Santa Margarita?

آیا در رانچو سانتا مارگاریتا زندگی می‌کنید؟

Yes / Sí / بله

No / نه

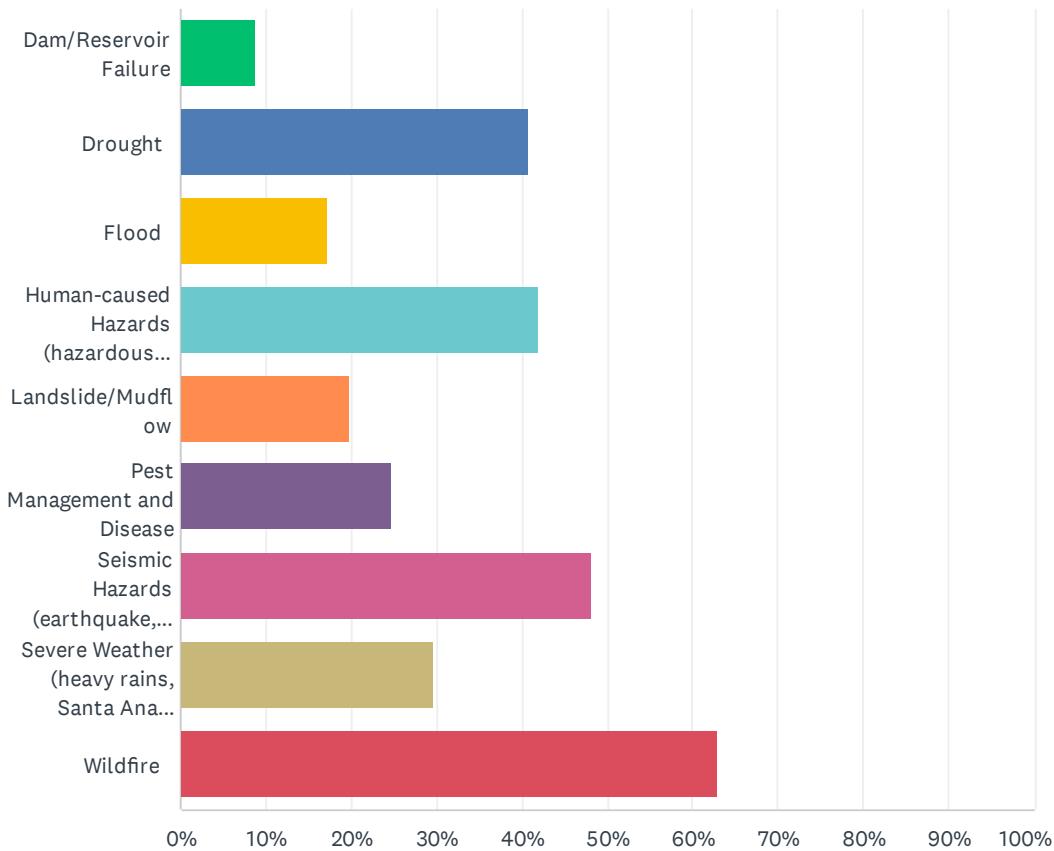
4. Is there anything else you want us to know?

ع Hay algo más que quiera que sepamos?

آیا مورد دیگری وجود دارد که می‌خواهید ما بدانیم؟

Q1 Which of these are you most worried about?

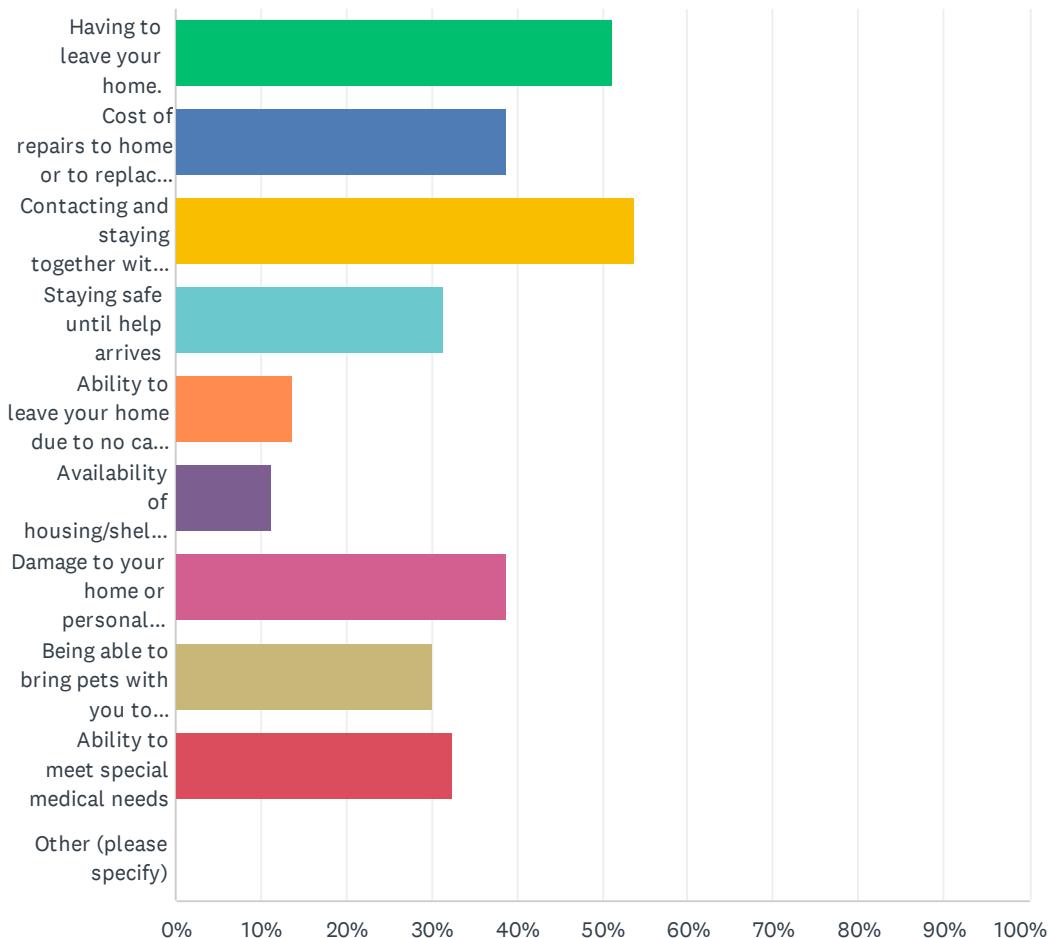
Answered: 81 Skipped: 3



ANSWER CHOICES	RESPONSES	
Dam/Reservoir Failure	8.64%	7
Drought	40.74%	33
Flood	17.28%	14
Human-caused Hazards (hazardous materials, arson, terrorism)	41.98%	34
Landslide/Mudflow	19.75%	16
Pest Management and Disease	24.69%	20
Seismic Hazards (earthquake, liquefaction, landslides)	48.15%	39
Severe Weather (heavy rains, Santa Ana winds, extreme heat)	29.63%	24
Wildfire	62.96%	51
Total Respondents: 81		

Q2 What worries you most? Choose up to three.

Answered: 80 Skipped: 4



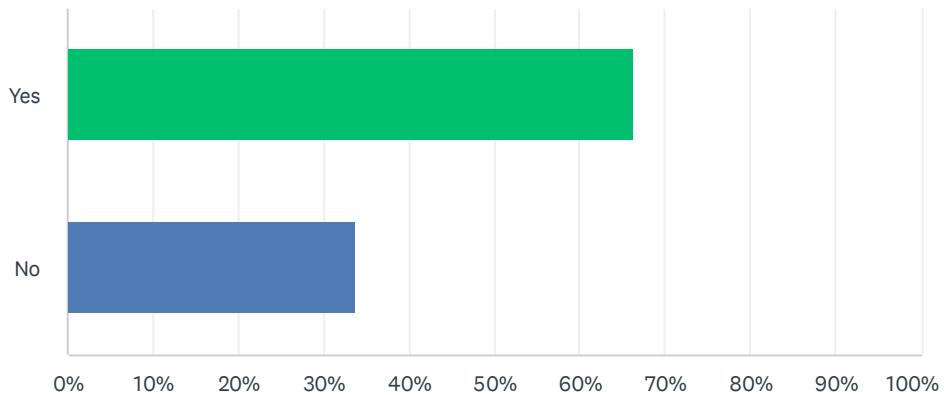
Rancho Santa Margarita - Local Hazard Mitigation Plan - RSM Cares Event Survey

ANSWER CHOICES	RESPONSES	
Having to leave your home.	51.25%	41
Cost of repairs to home or to replace personal property	38.75%	31
Contacting and staying together with your family	53.75%	43
Staying safe until help arrives	31.25%	25
Ability to leave your home due to no car or other transportation	13.75%	11
Availability of housing/shelter if you have to leave or your home is damaged	11.25%	9
Damage to your home or personal property	38.75%	31
Being able to bring pets with you to emergency housing/shelter	30.00%	24
Ability to meet special medical needs	32.50%	26
Other (please specify)	0.00%	0
Total Respondents: 80		

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

Q3 Do you live in Rancho Santa Margarita?

Answered: 80 Skipped: 4



ANSWER CHOICES	RESPONSES	
Yes	66.25%	53
No	33.75%	27
TOTAL		80

Q4 Is there anything else you want us to know?

Answered: 13 Skipped: 71

#	RESPONSES	DATE
1	How to get food/medicine, especially in times of emergency	8/26/2024 10:13 AM
2	Source of water + food	8/26/2024 10:09 AM
3	Lives in Mission Viejo	8/26/2024 10:07 AM
4	Help monitor excessive driving on Antonio!	8/26/2024 10:00 AM
5	The rent & buy house too much high here (RSM).	8/26/2024 9:57 AM
6	Establish emergency training workshops/classes.	8/26/2024 9:50 AM
7	Lives in Lake Forest	8/26/2024 9:47 AM
8	Lives in Mission Viejo	8/26/2024 9:46 AM
9	Rent is too high	8/26/2024 9:23 AM
10	Live in Lake Forest	8/26/2024 9:10 AM
11	Works in RSM	8/26/2024 9:01 AM
12	Live in Mission Viejo	8/26/2024 8:53 AM
13	Live in Mission Viejo	8/26/2024 8:46 AM



SPLASH PAD OPENING DAY & REC EXPO



Dive into the excitement!

Explore community classes, meet instructors, connect with local businesses, play games, and more!



**SATURDAY, MAY 18
AT 10:00 AM - 1:00 PM**



**30842 LA MIRANDA
(CENTRAL PARK)**



For more information, including rules, policies and hours, visit RSMconnect.org and select the Special Events/Facilities tab.









LOCAL HAZARD MITIGATION PLAN (LHMP) UPDATE



OVERVIEW

The City received Federal Emergency Management Agency (FEMA) grant funding to update the 2019 Local Hazard Mitigation Plan (LHMP). The LHMP develops long-term strategies for protecting people and property from natural and human-induced hazards such as earthquakes, drought, and wildfire.



WHAT IS THE LHMP?

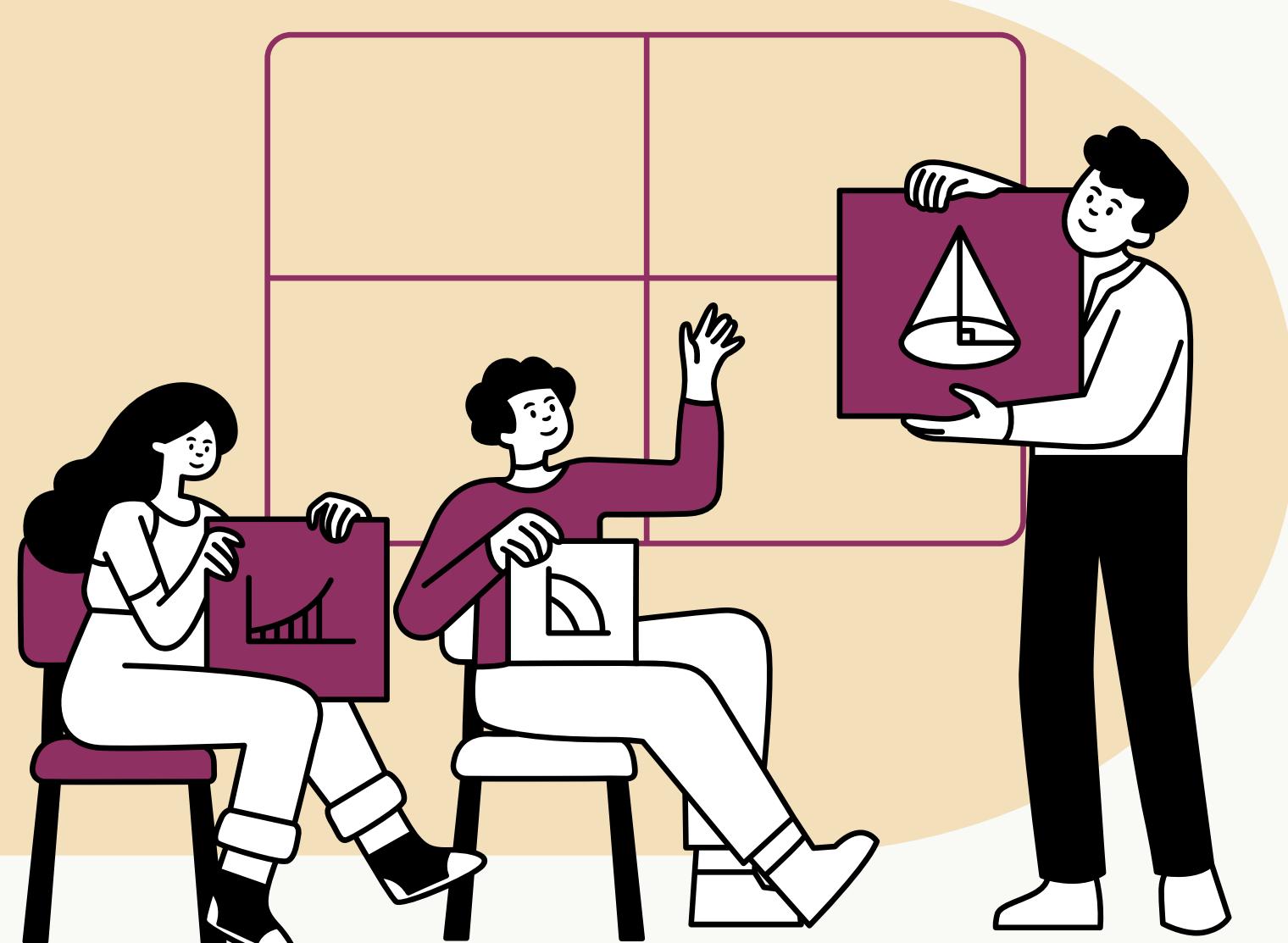
The LHMP helps guide City decisions and develops policies to reduce or eliminate risk to life and property. It identifies the types of hazards that threaten the City, evaluates our vulnerability to those threats, and outlines a strategy to reduce or eliminate the risk posed by those threats and avoid repeated destruction by natural hazard events.

WHY IS THE LHMP IMPORTANT?

The City must have an approved LHMP to receive certain types of FEMA funding which can be used to implement hazard mitigation programs. The LHMP must be updated every 5 years to maintain funding eligibility.

WHAT GOES INTO THE LHMP?

The LHMP assesses the community's risks and vulnerabilities to natural hazard events such as earthquakes, drought, and wildfire. The plan includes a set of goals related to the overall goal of hazard mitigation planning and mitigation actions that will serve to advance the plan goals.



HOW CAN THE PUBLIC BECOME INVOLVED IN THE LHMP PROCESS?

The LHMP Planning Team will consider all input from the public and integrate it into the plan update where appropriate. Opportunities for the community to provide input, ask questions, and review/comment on draft documents will be provided throughout the planning process. Your comments, questions, ideas, and concerns will have a significant role in the plan's update.



**LHMP
WEBSITE**



cityofrsm.org/565/Local-Hazard-Mitigation-Plan

CONTACT THE CITY
(949) 635-1807

hazardmitigationplan@cityofrsm.org



SCAN HERE



TO TAKE THE SURVEY NOW

AND BE ENTERED INTO
THE RAFFLE!



surveymonkey.com/r/RSM-LHMP

Local Hazard Mitigation Plan Update

Rancho Santa Margarita



Take the survey

The City is assessing its vulnerability to natural and manmade hazards and needs your input!

SURVEY LINK:

surveymonkey.com/r/RSM-LHMP

FOR MORE INFORMATION:

cityofrsm.org/565/Local-Hazard-Mitigation-Plan



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Rancho Santa Margarita Local Hazard Mitigation Plan Community Survey

The Federal Disaster Mitigation Act of 2000 (DMA 2000) requires a community to have a Federal Emergency Agency (FEMA) approved hazard mitigation plan to be eligible to apply for and receive certain FEMA hazard mitigation funds. Receipt of FEMA funding is critical to implementing identified hazard mitigation projects and programs. The Local Hazard Mitigation Plan (LHMP) is required to be updated every five years to maintain funding availability.

The current 2019 LHMP can be viewed at
<https://www.cityofrsm.org/565/Local-Hazard-Mitigation-Plan>

Through a grant from FEMA, the City of Rancho Santa Margarita has initiated preparation of a LHMP. The LHMP provides a framework for the community to reduce its vulnerability to the impacts of natural hazard events such as earthquakes, drought, and wildfires. The purpose of mitigation planning is to identify policies and to take actions that can be implemented over the short- and -long term to reduce risk and future losses when an emergency or disaster occurs. Mitigation plans form the foundation for a community's strategy to reduce disaster losses and avoid disaster damage, reconstruction, and repeated damage.

As we prepare the LHMP update, an important component is community participation. **Please complete this survey!** Your input will help the Planning Team understand the community's concerns and will guide development of the LHMP update. Please note this is not a scientific survey, but it will assist the Planning Team to better understand the communities' perspective on hazards that could impact the City and identify opportunities to inform and help the community prepare for and respond to those hazards.

The survey should take approximately 10-12 minutes to complete and is anonymous. Your information will be kept confidential. The results of the survey will be included within the LHMP.

Thank you for taking the time to participate in this information-gathering process.

1. Do you... (check all that apply)

- Live in Rancho Santa Margarita
- Work in Rancho Santa Margarita
- Visit Rancho Santa Margarita, but live and work elsewhere

2. What is your age group?

- 17 or younger
- 18 – 25
- 26 – 35
- 36 – 45
- 46 – 65
- Over 65

Prefer not to answer

3. Which of the following types of natural disasters have you or someone in your household experienced while residing and/or working in Rancho Santa Margarita?

- Changing Weather Patterns
- Dam/Reservoir Failure
- Drought
- Earthquake Ground Shaking
- Flood
- Hazardous Materials Incidents/Spills
- High Winds/Santa Anas
- Landslide/Mudflow
- Power Outage
- Wildfire
- None
- Other (please specify): _____

4. What do you believe is the likelihood that these disasters will happen in or impact Rancho Santa Margarita? Please check ONE response for each hazard.

Potential Disasters	Very Likely	Likely	Somewhat Likely	Not Likely At All
Changing Weather Patterns				
Dam/Reservoir Failure				
Drought				
Earthquake Ground Shaking				
Flood				
Hazardous Materials Incidents/Spills				
High Winds/Santa Anas				
Landslide/Mudflow				
Power Outage				
Wildfire				
Other (please specify):				

5. How concerned are you about the following hazards occurring in or impacting Rancho Santa Margarita? Please check ONE response for each hazard.

Potential Disasters	Not Concerned	Somewhat Concerned	Concerned	Very Concerned	Extremely Concerned
Changing Weather Patterns					
Dam/Reservoir Failure					
Drought					
Earthquake Ground Shaking					
Flood					
Hazardous Materials Incidents/Spills					
High Winds/Santa Anas					
Landslide/Mudflow					
Power Outage					
Wildfire					
Other (please specify):					

6. Rank the hazards based on the likelihood of potential threat to Rancho Santa Margarita with 1 being the HIGHEST threat and 10 being the LOWEST threat.

- Changing Weather Patterns
- Dam/Reservoir Failure
- Drought
- Earthquake Ground Shaking
- Flood
- Hazardous Materials Incidents/Spills
- High Winds/Santa Anas
- Landslide/Mudflow
- Power Outage
- Wildfire

7. Is there another hazard not listed above that you think is a wide scale threat to Rancho Santa Margarita?

Yes No

If "Yes", please explain: _____

8. How prepared is your household to deal with a natural hazard event likely to occur in Rancho Santa Margarita and/or the surrounding area (check ONE)?

Not at all Prepared	Somewhat Prepared	Adequately Prepared	Well Prepared	Very Well Prepared	Not Sure

9. Have you taken actions to make your home, business, or neighborhood more resistant to hazards (such as home hardening, anchored furniture and service utilities, installed smoke detectors, regularly trim trees, etc.)?

Yes No

If "Yes", please explain: _____

10. Choose the top 3 ways you prefer to receive information about how to make your home and neighborhood more resistant to hazards?

- Informational brochures
- City/Agency newsletters
- City/Agency website
- County website
- State/Federal website
- Public meetings, workshops, and/or classes
- Schools and academic institutions
- TV based media (news and public service announcements)
- Radio based media (news and public service announcements)
- National Weather Service website
- Fire department
- Law enforcement
- Faith-based institutions
- CERT classes
- Public awareness campaigns (Flood Awareness Week)
- Community safety events
- Fair booths and/or festivals
- Books and/or magazines
- Public library
- Chamber of Commerce
- Nongovernmental organization (Red Cross)
- Auto-dial information from "911" center Emergency notifications (Alert OC)
- Social media (Twitter, Facebook, LinkedIn)
- Email
- Direct mail
- Word of mouth
- Other (please specify)

**11. How can your City, County, or other Agencies help you become better prepared for a disaster?
Choose all that apply.**

- Provide effective emergency notifications and communication in a disaster (i.e., Alert OC).
- Offer training and education to residents and business owners on how to reduce risk.
- Provide community outreach regarding emergency preparedness.
- Create awareness of special needs and vulnerable populations.
- Other (please specify): _____

12. A number of community-wide activities can reduce risks from natural hazards. In general, these activities fall into one of the following four (4) categories. Please tell us how important you think each one is to consider pursuing.

Activities	Not Important	Somewhat Important	Very Important
Structure and Infrastructure Projects: Construct "brick and mortar" public infrastructure and building improvements to eliminate or reduce hazard threats, or to mitigate the impacts of hazards. Examples – seismic retrofits, drainage improvements.			
Preparedness, Coordination and Response Actions: Ensure that a framework exists to facilitate and coordinate the administration and enforcement of planned activities. Integrate prevention/mitigation activities into all local community operations.			
Education and Awareness Programs: Education and community outreach to raise awareness of overall or hazard-specific risk and generate support for individual or community-wide efforts to reduce risk. Examples- school programs, mailed information, etc.			
Local Plans and Regulations: Integrate mitigation into local bylaws, ordinances, and regulations to protect vulnerable resources and reduce risk. Examples - development restrictions in flood zones, capital planning for mitigation projects, etc.			

13. What factors make members of your community more vulnerable during a hazard event?

Consider evacuation, sheltering in place, or recovery actions. Select all that apply.

Age (children under the age of 18 or seniors over the age of 65)

Disability Status (e.g., mobility, sensory, or developmental)

Lack of Vehicle or Reliable Transportation

Single-Parent Households

Income status

Limited-English proficiency

Chronic illness

Unhoused

Other (please specify): _____

14. Please utilize the space below to provide any additional comments regarding local natural hazards, disasters, and preparedness.

15. If you would like to be notified of future opportunities to participate in hazard mitigation and resiliency planning, please provide your name and contact information.

Name _____

Email _____

Phone _____

16. Are you enrolled in Alert OC?

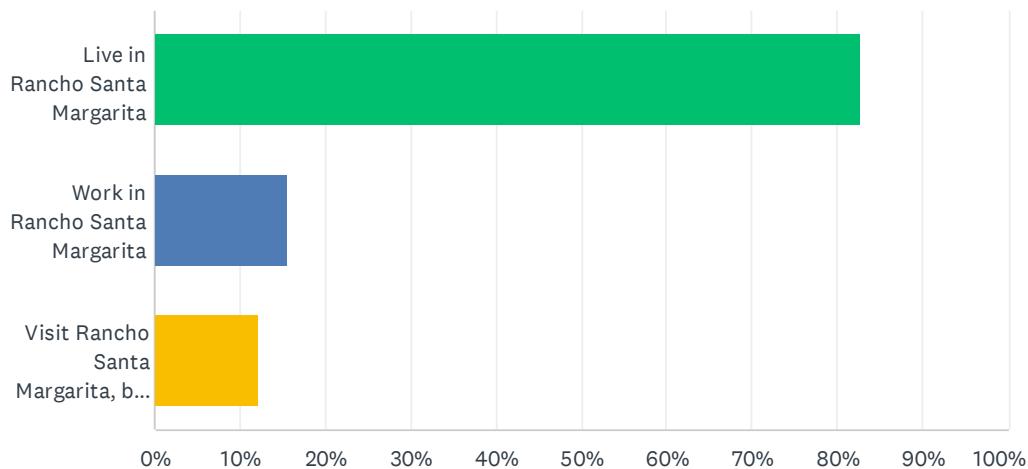
Yes No

If you are not enrolled in Alert OC – here is a link to sign up:

<https://member.everbridge.net/453003085613900/login>

Q1 Do you... (check all that apply)

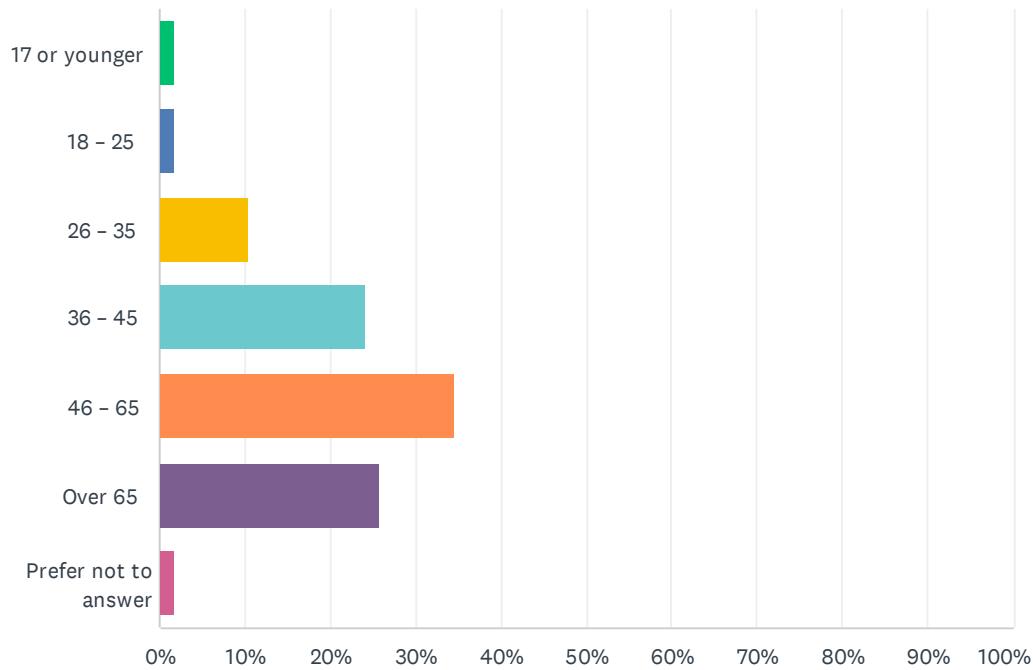
Answered: 58 Skipped: 0



ANSWER CHOICES	RESPONSES	
Live in Rancho Santa Margarita	82.76%	48
Work in Rancho Santa Margarita	15.52%	9
Visit Rancho Santa Margarita, but live and work elsewhere	12.07%	7
Total Respondents: 58		

Q2 What is your age group?

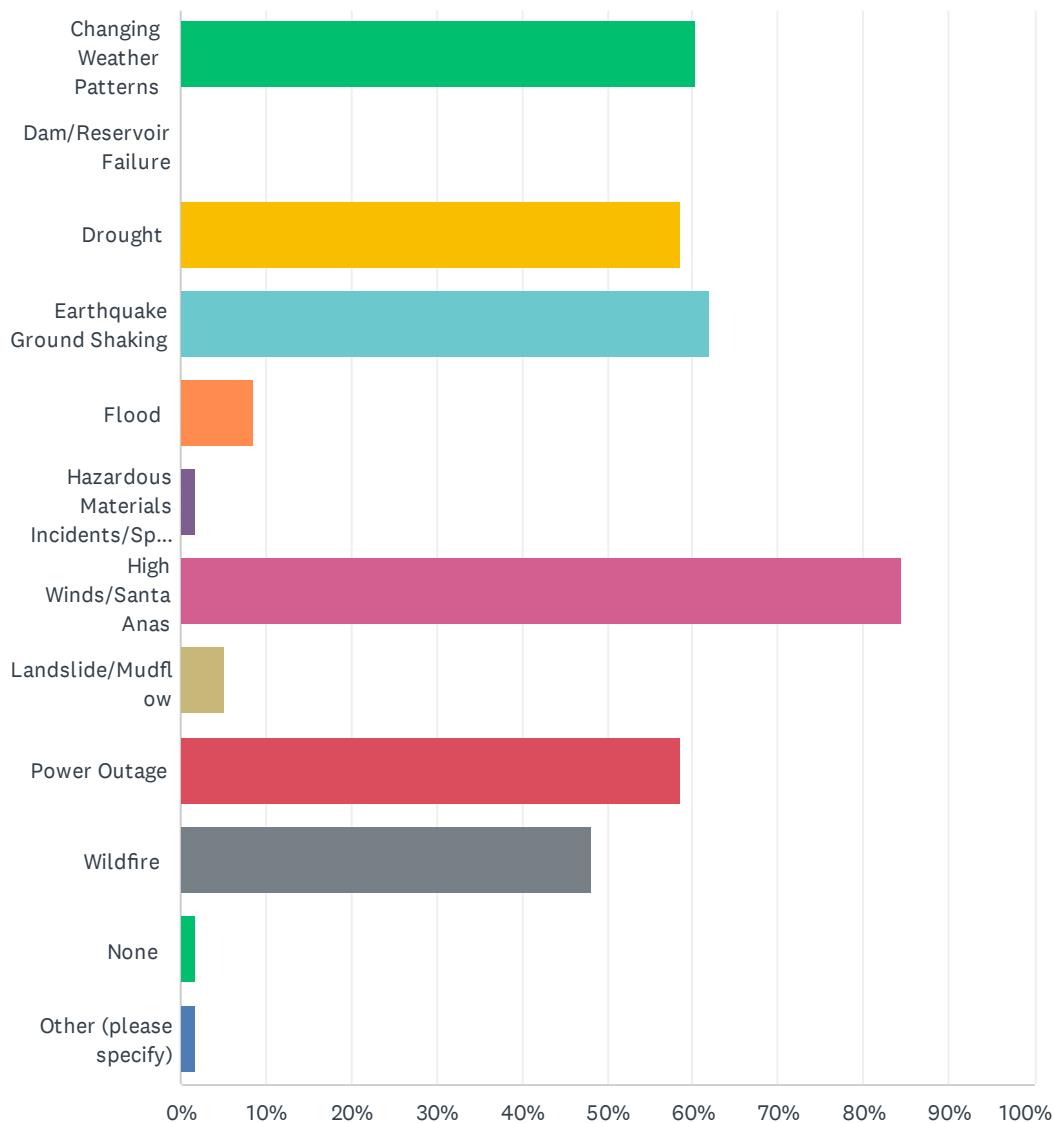
Answered: 58 Skipped: 0



ANSWER CHOICES	RESPONSES	
17 or younger	1.72%	1
18 - 25	1.72%	1
26 - 35	10.34%	6
36 - 45	24.14%	14
46 - 65	34.48%	20
Over 65	25.86%	15
Prefer not to answer	1.72%	1
TOTAL		58

Q3 Which of the following types of natural disasters have you or someone in your household experienced while residing and/or working in Rancho Santa Margarita

Answered: 58 Skipped: 0



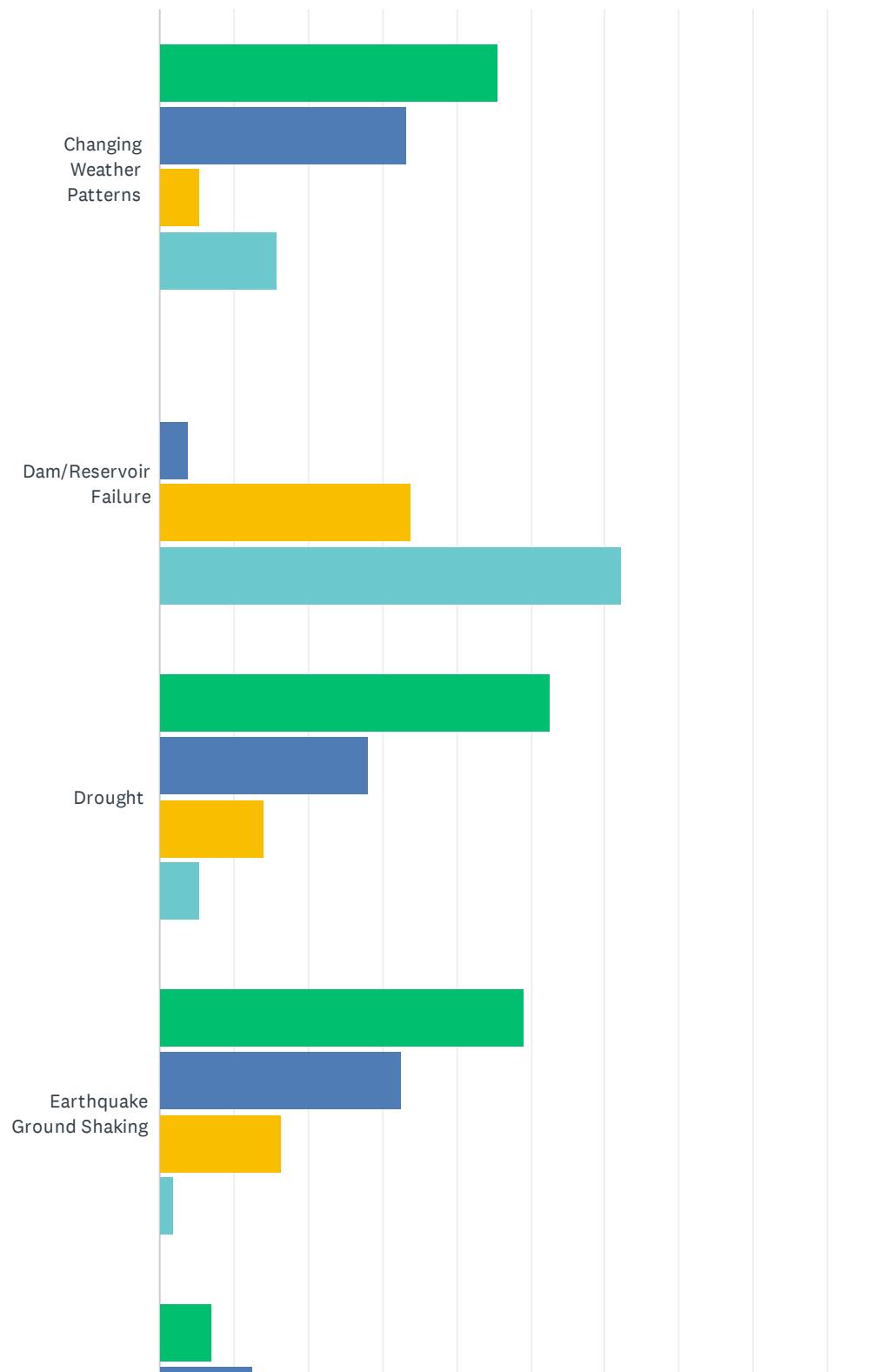
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ANSWER CHOICES	RESPONSES	
Changing Weather Patterns	60.34%	35
Dam/Reservoir Failure	0.00%	0
Drought	58.62%	34
Earthquake Ground Shaking	62.07%	36
Flood	8.62%	5
Hazardous Materials Incidents/Spills	1.72%	1
High Winds/Santa Anas	84.48%	49
Landslide/Mudflow	5.17%	3
Power Outage	58.62%	34
Wildfire	48.28%	28
None	1.72%	1
Other (please specify)	1.72%	1
Total Respondents: 58		

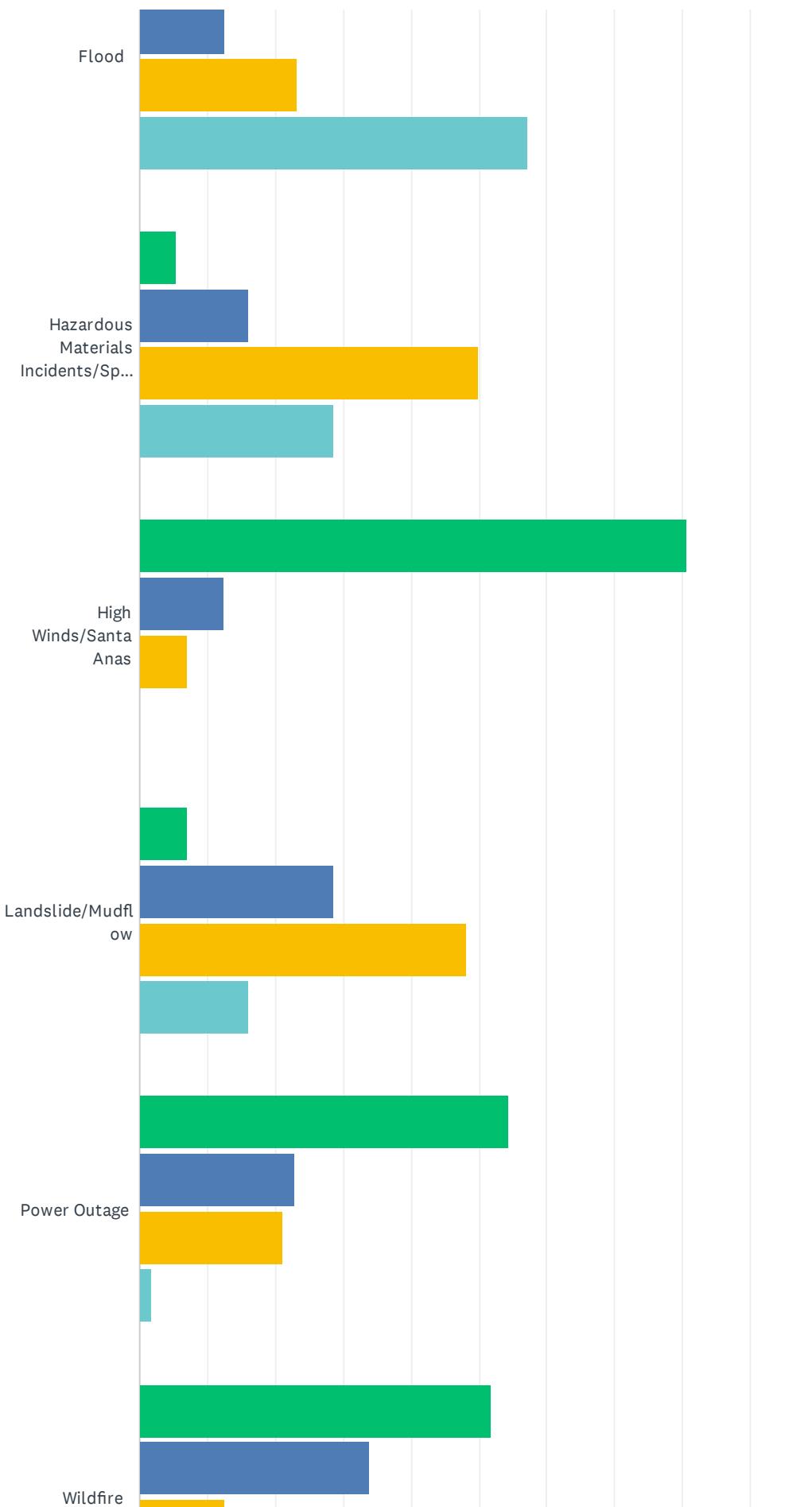
#	OTHER (PLEASE SPECIFY)	DATE
1	e-bikes SAMLARC	5/24/2024 7:46 AM

Q4 What do you believe is the likelihood that these disasters will happen in or impact Rancho Santa Margarita? Please check ONE response for each hazard.

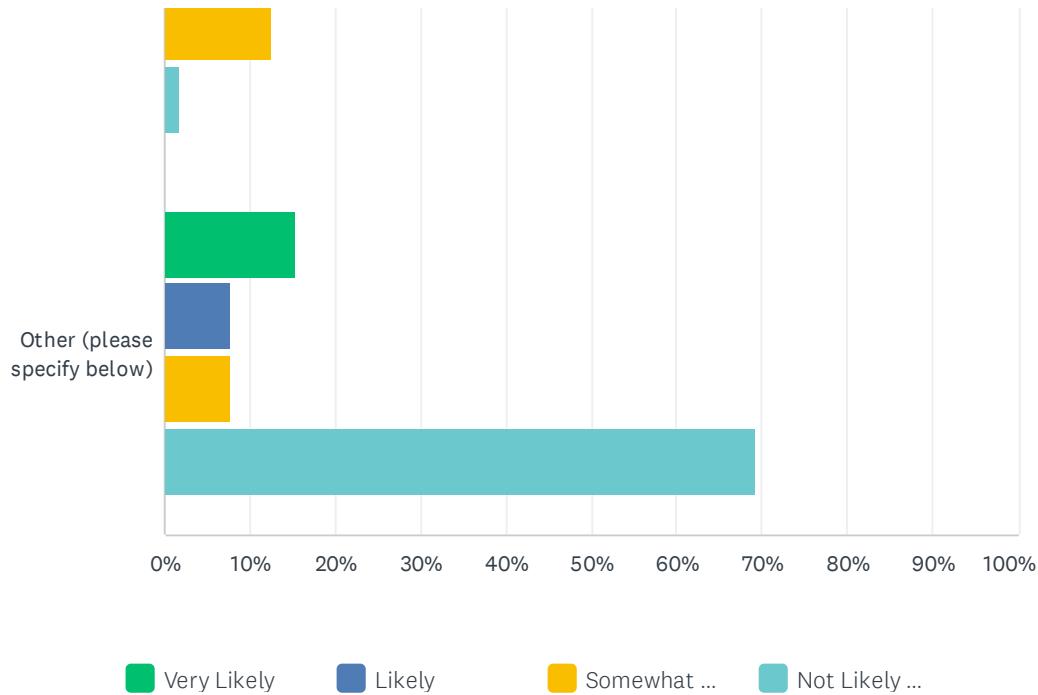
Answered: 58 Skipped: 0



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	VERY LIKELY	LIKELY	SOMEWHAT LIKELY	NOT LIKELY AT ALL	TOTAL
Changing Weather Patterns	45.61% 26	33.33% 19	5.26% 3	15.79% 9	57
Dam/Reservoir Failure	0.00% 0	3.77% 2	33.96% 18	62.26% 33	53
Drought	52.63% 30	28.07% 16	14.04% 8	5.26% 3	57
Earthquake Ground Shaking	49.09% 27	32.73% 18	16.36% 9	1.82% 1	55
Flood	7.14% 4	12.50% 7	23.21% 13	57.14% 32	56
Hazardous Materials Incidents/Spills	5.36% 3	16.07% 9	50.00% 28	28.57% 16	56
High Winds/Santa Anas	80.70% 46	12.28% 7	7.02% 4	0.00% 0	57
Landslide/Mudflow	7.14% 4	28.57% 16	48.21% 27	16.07% 9	56
Power Outage	54.39% 31	22.81% 13	21.05% 12	1.75% 1	57
Wildfire	51.79% 29	33.93% 19	12.50% 7	1.79% 1	56
Other (please specify below)	15.38% 2	7.69% 1	7.69% 1	69.23% 9	13

#	OTHER (PLEASE SPECIFY)	DATE
1	Hazardous vehicle spill	7/14/2024 6:00 PM
2	Pandemic related disease	6/1/2024 10:37 AM
3	those riding e-bikes are endangering others and themselves, ignoring road safety & highway-	5/24/2024 7:46 AM

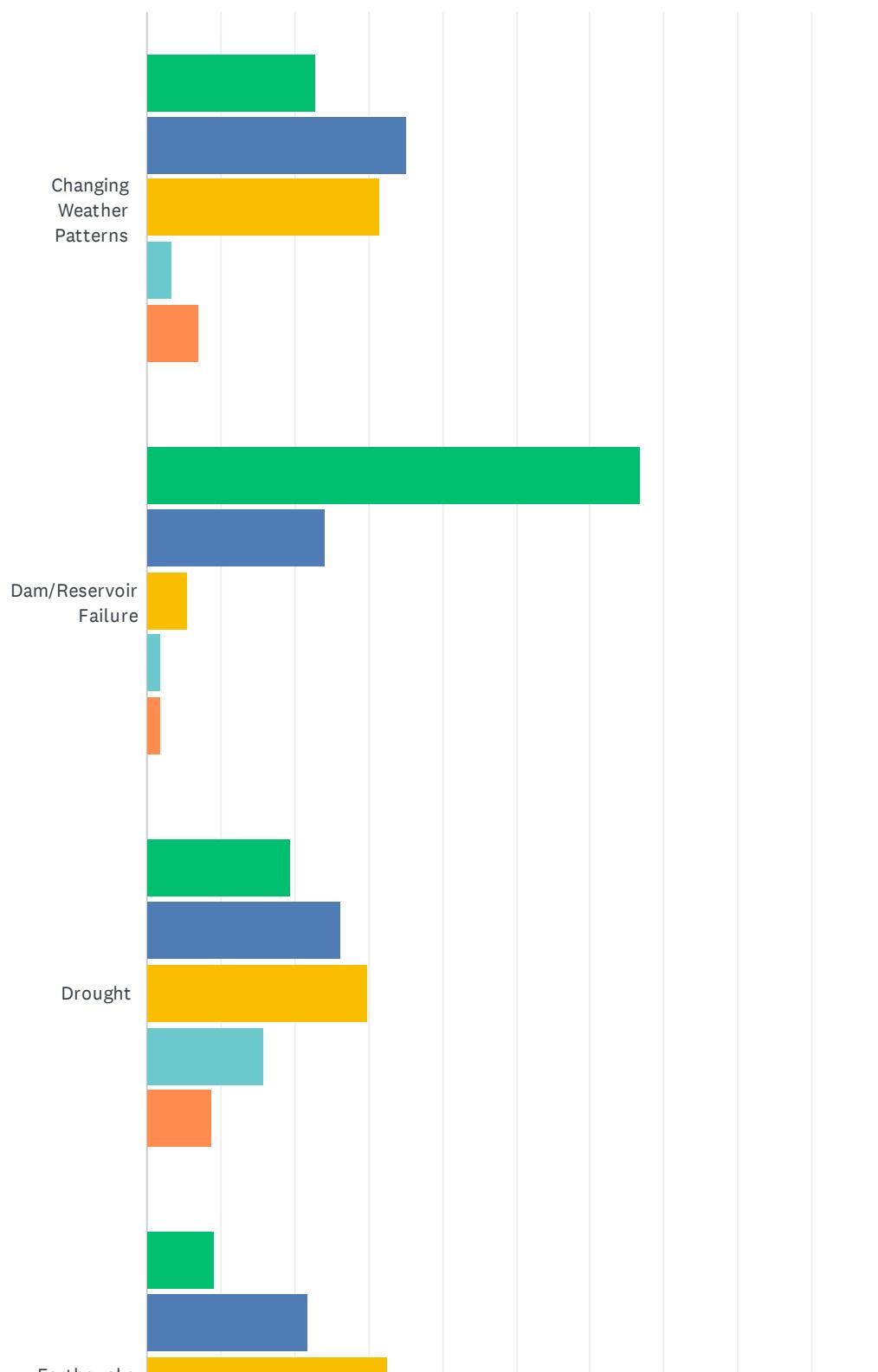
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code, ignoring public safety on sidewalks - SAMLARC is not respecting homeowners concerns in regards to trimming SAMLARC trees which threaten homes

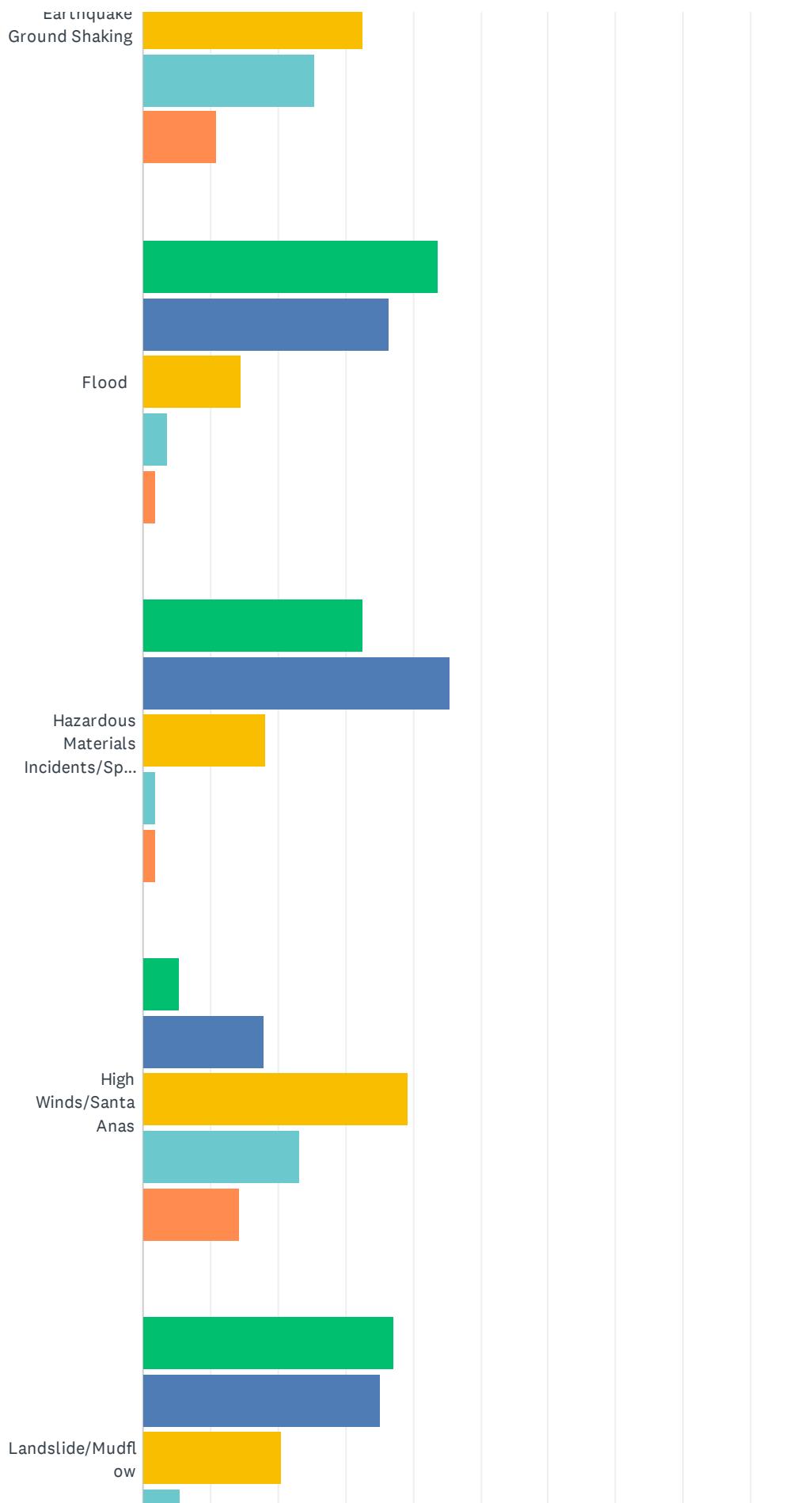
4	Biological outbreak from applied medical	5/23/2024 7:50 PM
5	pandemic	5/6/2024 1:03 PM

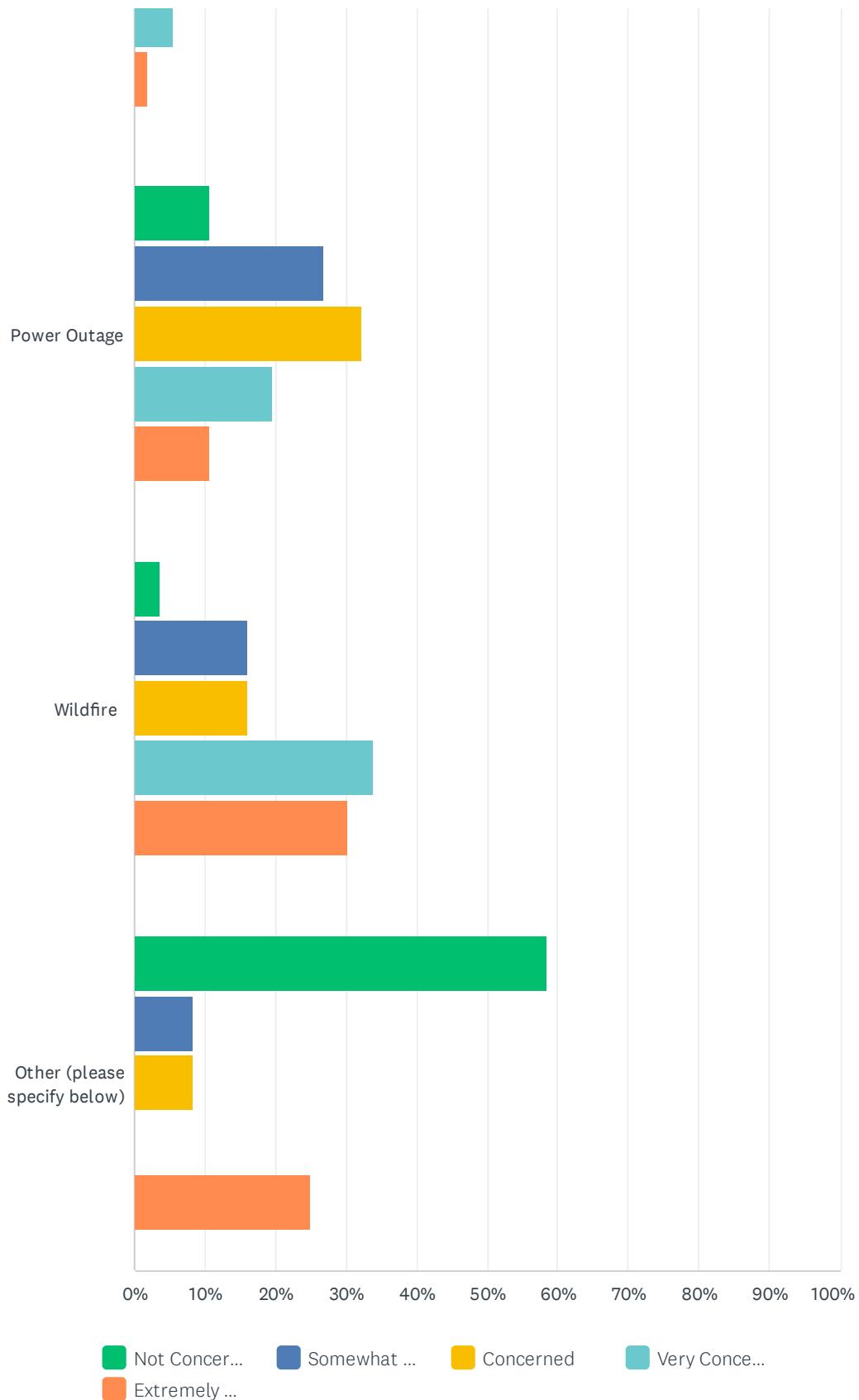
Q5 How concerned are you about the following hazards occurring in or impacting Rancho Santa Margarita? Please check ONE response for each hazard.

Answered: 58 Skipped: 0



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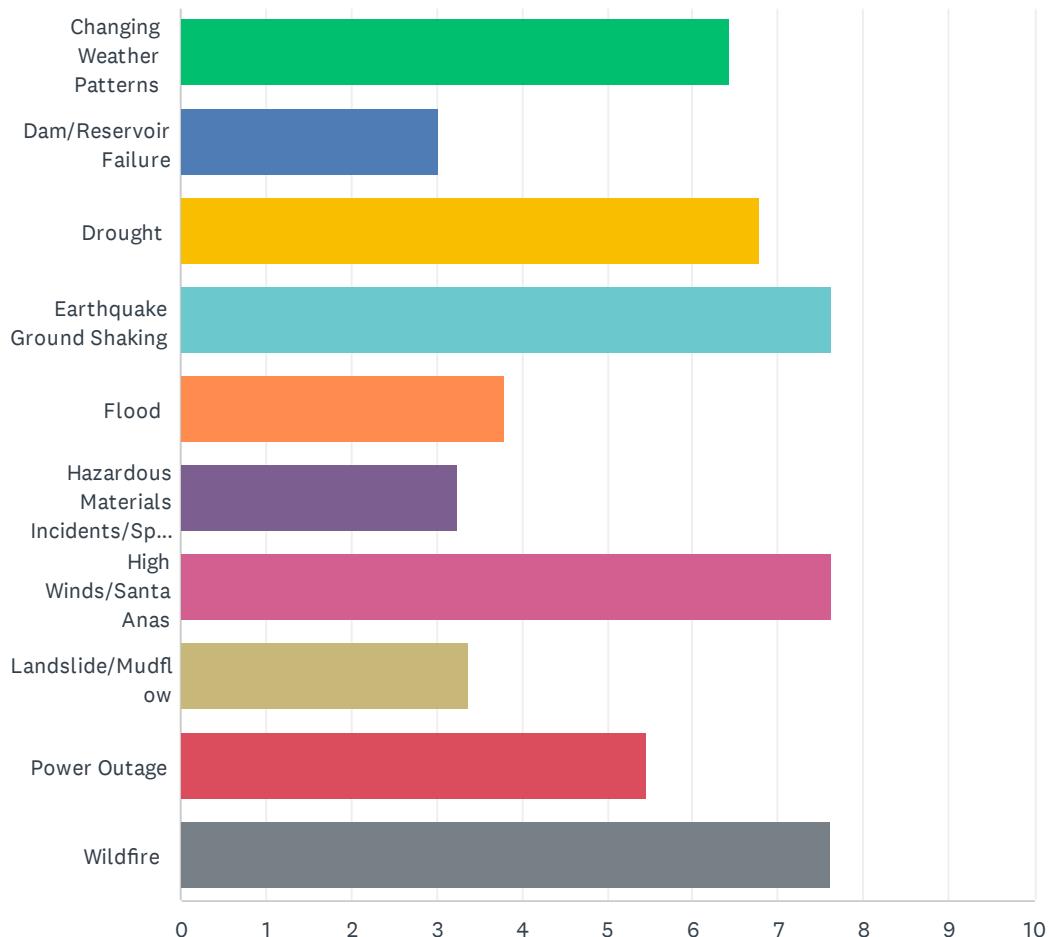
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	NOT CONCERNED	SOMEWHAT CONCERNED	CONCERNED	VERY CONCERNED	EXTREMELY CONCERNED	TOTAL
Changing Weather Patterns	22.81% 13	35.09% 20	31.58% 18	3.51% 2	7.02% 4	57
Dam/Reservoir Failure	66.67% 36	24.07% 13	5.56% 3	1.85% 1	1.85% 1	54
Drought	19.30% 11	26.32% 15	29.82% 17	15.79% 9	8.77% 5	57
Earthquake Ground Shaking	9.09% 5	21.82% 12	32.73% 18	25.45% 14	10.91% 6	55
Flood	43.64% 24	36.36% 20	14.55% 8	3.64% 2	1.82% 1	55
Hazardous Materials Incidents/Spills	32.73% 18	45.45% 25	18.18% 10	1.82% 1	1.82% 1	55
High Winds/Santa Anas	5.36% 3	17.86% 10	39.29% 22	23.21% 13	14.29% 8	56
Landslide/Mudflow	37.04% 20	35.19% 19	20.37% 11	5.56% 3	1.85% 1	54
Power Outage	10.71% 6	26.79% 15	32.14% 18	19.64% 11	10.71% 6	56
Wildfire	3.57% 2	16.07% 9	16.07% 9	33.93% 19	30.36% 17	56
Other (please specify below)	58.33% 7	8.33% 1	8.33% 1	0.00% 0	25.00% 3	12

#	OTHER (PLEASE SPECIFY)	DATE
1	Pandemic related disease	6/1/2024 10:37 AM
2	e-bikes SAMLARC tree maintenance, or lack thereof. SAMLARC trees cross property lines and overhang homes -- this is a serious threat in event of WILDFIRE, especially for homes that are adjacent to wilderness areas, e.g. Wilderness area along ARROYO VISTA.	5/24/2024 7:46 AM

Q6 Rank the hazards based on the likelihood of potential threat to Rancho Santa Margarita with 1 being the HIGHEST threat and 10 being the LOWEST threat.

Answered: 56 Skipped: 2

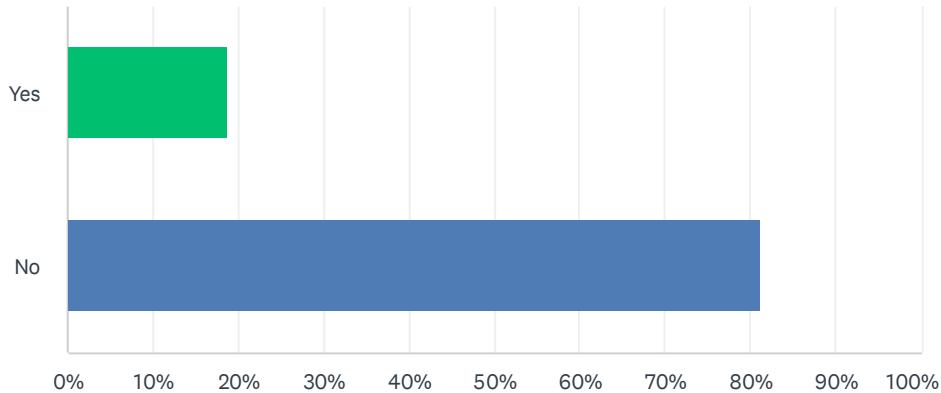


Rancho Santa Margarita Local Hazard Mitigation Plan Community Survey

	1	2	3	4	5	6	7	8	9	10	TOT/
Changing Weather Patterns	16.07% 9	5.36% 3	16.07% 9	10.71% 6	17.86% 10	16.07% 9	3.57% 2	5.36% 3	3.57% 2	5.36% 3	
Dam/Reservoir Failure	1.79% 1	3.57% 2	3.57% 2	1.79% 1	3.57% 2	12.50% 7	8.93% 5	3.57% 2	19.64% 11	41.07% 23	
Drought	10.71% 6	12.50% 7	17.86% 10	12.50% 7	17.86% 10	14.29% 8	7.14% 4	7.14% 4	0.00% 0	0.00% 0	
Earthquake Ground Shaking	14.29% 8	28.57% 16	19.64% 11	10.71% 6	12.50% 7	8.93% 5	0.00% 0	1.79% 1	3.57% 2	0.00% 0	
Flood	0.00% 0	3.57% 2	0.00% 0	7.14% 4	7.14% 4	7.14% 4	23.21% 13	26.79% 15	21.43% 12	3.57% 2	
Hazardous Materials Incidents/Spills	1.79% 1	0.00% 0	0.00% 0	3.57% 2	5.36% 3	12.50% 7	12.50% 7	25.00% 14	23.21% 13	16.07% 9	
High Winds/Santa Anas	14.29% 8	19.64% 11	21.43% 12	28.57% 16	3.57% 2	5.36% 3	3.57% 2	3.57% 2	0.00% 0	0.00% 0	
Landslide/Mudflow	0.00% 0	0.00% 0	1.79% 1	3.57% 2	5.36% 3	10.71% 6	26.79% 15	17.86% 10	16.07% 9	17.86% 10	
Power Outage	1.79% 1	8.93% 5	8.93% 5	16.07% 9	17.86% 10	10.71% 6	14.29% 8	7.14% 4	10.71% 6	3.57% 2	
Wildfire	39.29% 22	17.86% 10	10.71% 6	5.36% 3	8.93% 5	1.79% 1	0.00% 0	1.79% 1	1.79% 1	12.50% 7	

Q7 Is there another hazard not listed above that you think is a wide scale threat to Rancho Santa Margarita?

Answered: 53 Skipped: 5

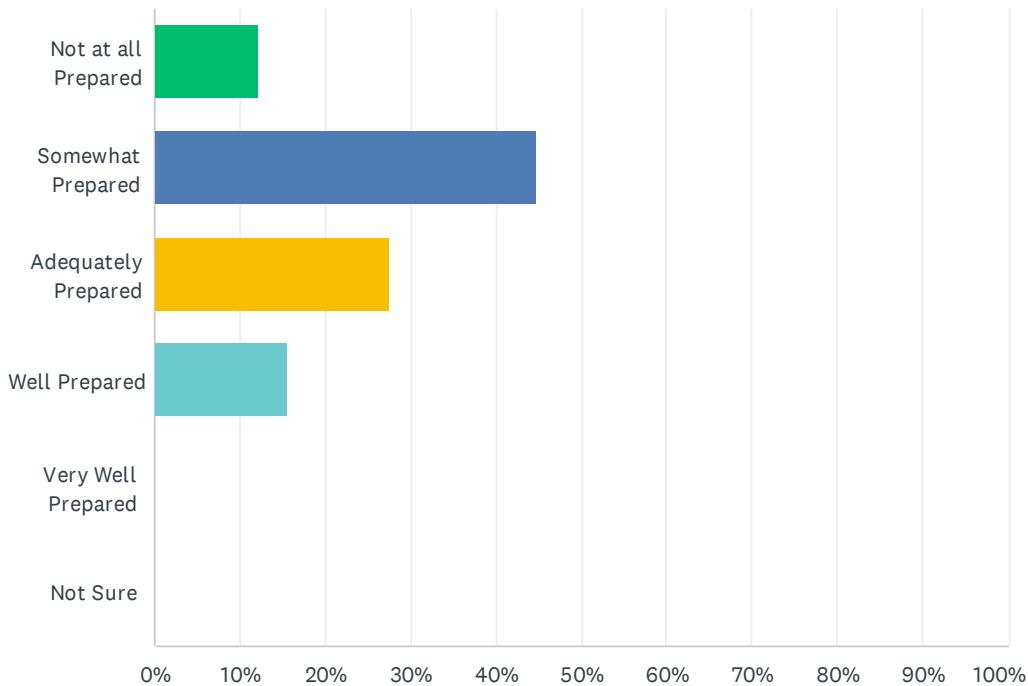


ANSWER CHOICES		RESPONSES	
Yes		18.87%	10
No		81.13%	43
TOTAL			53

#	IF "YES", PLEASE EXPLAIN.	DATE
1	Illegal Immigration	6/21/2024 1:29 PM
2	Bridge Failure	6/15/2024 5:38 PM
3	cancelling fire insurance	6/6/2024 10:15 PM
4	Pandemic related disease	6/1/2024 10:37 AM
5	Weather modification	6/1/2024 9:45 AM
6	air quality issues possibly due to disasters such as chemical in air from the hanger fire in Tustin	5/31/2024 9:35 PM
7	Bridge collapse for other reason	5/24/2024 10:42 AM
8	Don't know how likely these would be to happen but if they happened could put a strain on the community. Health threat - severe flu spread, social unrest	5/24/2024 10:02 AM
9	see above e-bikes are out of control. Riders ignore all traffic laws and safety, traveling at excessive speeds anywhere they choose, on sidewalks, car lanes regardless of intended direction, like cyclists they take advantage of all means i.e. intended for pedestrians, intended for cyclists, intended for motor vehicles, going diagonally through cross streets, switching lanes into oncoming traffic. Threatening pedestrians with their high speed.	5/24/2024 7:46 AM
10	Public unrest	5/24/2024 7:39 AM
11	I'd love to have Zombie Apocalypse show up in the document	5/9/2024 11:29 AM

Q8 How prepared is your household to deal with a natural hazard event likely to occur in Rancho Santa Margarita and/or the surrounding area (check ONE)?

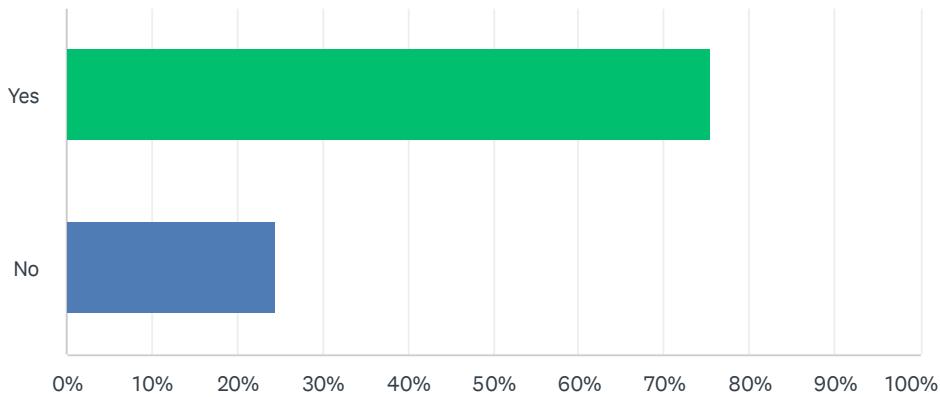
Answered: 58 Skipped: 0



ANSWER CHOICES	RESPONSES	
Not at all Prepared	12.07%	7
Somewhat Prepared	44.83%	26
Adequately Prepared	27.59%	16
Well Prepared	15.52%	9
Very Well Prepared	0.00%	0
Not Sure	0.00%	0
TOTAL		58

Q9 Have you taken actions to make your home, business, or neighborhood more resistant to hazards (such as home hardening, anchored furniture and service utilities, installed smoke detectors, regularly trim trees, etc.)?

Answered: 57 Skipped: 1



ANSWER CHOICES		RESPONSES	
Yes		75.44%	43
No		24.56%	14
TOTAL			57

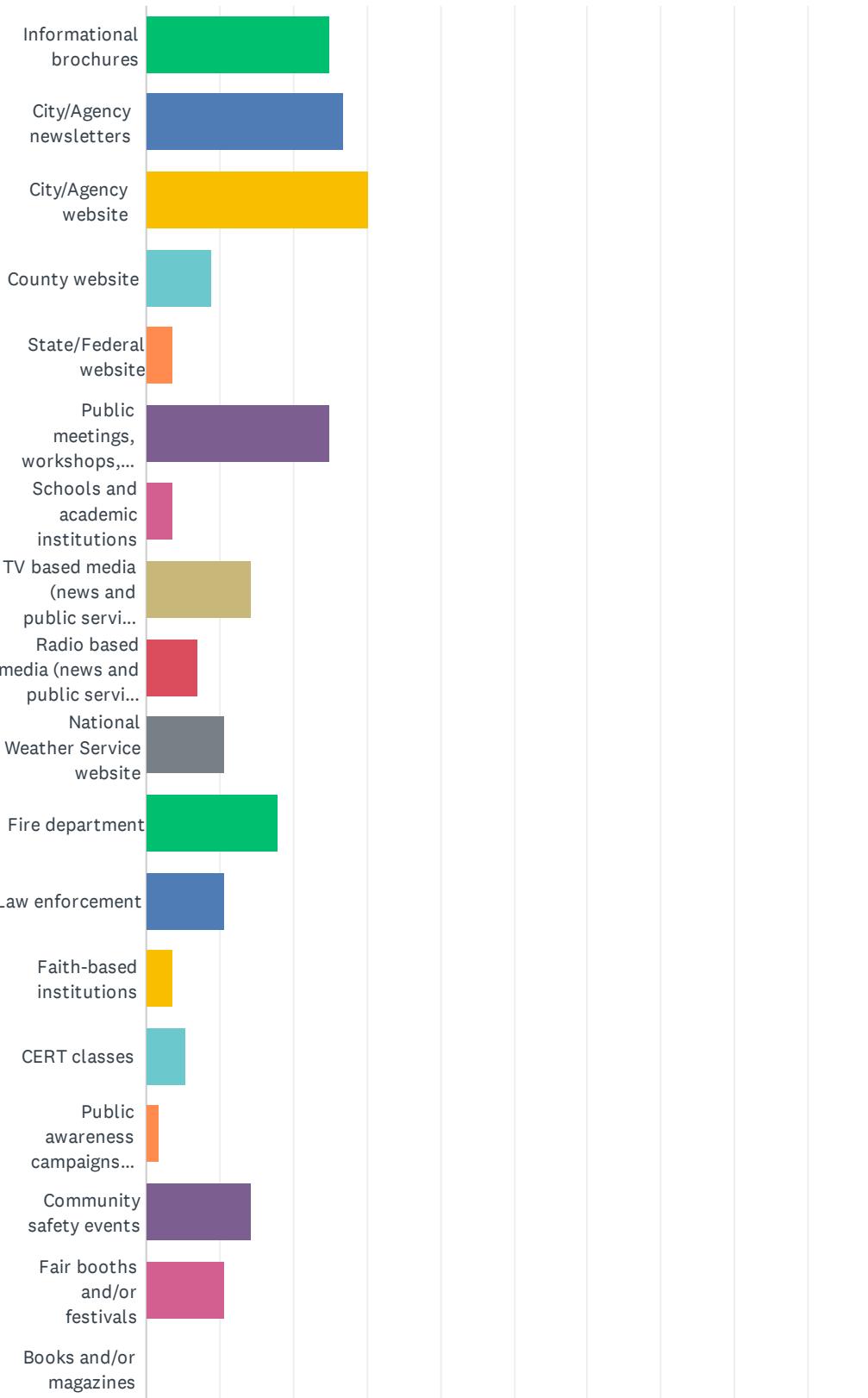
#	IF "YES", PLEASE EXPLAIN.	DATE
1	Go bag access to tools. Water, food.	8/6/2024 11:43 AM
2	Smoke detectors, water resistant plants, clay tile roof	7/14/2024 6:09 PM
3	Smoke detectors, regularly trim trees	7/14/2024 6:07 PM
4	Smoke detectors, removed dry brush, secured furniture	7/14/2024 6:07 PM
5	Smoke detectors, native landscaping, extra water and food.	7/14/2024 6:00 PM
6	smoke & carbon detectors, water leak detectors, tree trimming, gas valve shut off tool, & working on home hardening	7/8/2024 12:34 PM
7	Trees, landscaping. Update to home	7/7/2024 7:19 PM
8	Live in condo, so not sure	7/7/2024 7:18 PM
9	Anchors, fire extinguisher, new smoke detectors with carbon monoxide.	7/7/2024 7:15 PM
10	Smoke detectors	7/7/2024 6:25 PM
11	Smoke detectors	7/7/2024 6:05 PM
12	Anchored furniture and service utilities installed smoke detectors regularly trim trees earthquake kit	7/5/2024 3:33 PM
13	Installed smoke detectors and trimmed trees	6/20/2024 2:13 PM
14	Hardened my spent \$1500	6/9/2024 10:35 PM
15	regularly trim trees, install smoke detectors, plan to do home hardening in 2024-2025	6/6/2024 10:15 PM

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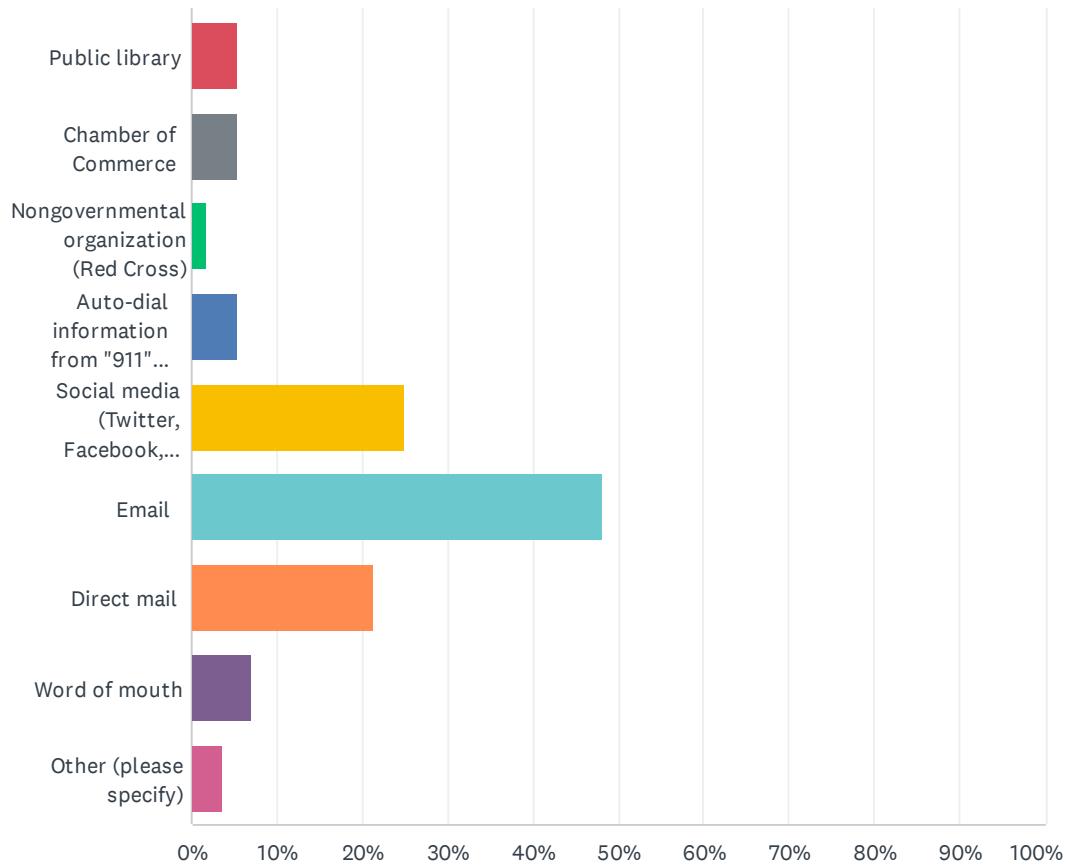
16	Anchor furniture Smoke and carbon dioxide detectors.	6/6/2024 3:46 PM
17	Removed dead trees, trees close to roof, installed artificial turf, drip irrigation & drought tolerant plants	6/1/2024 10:37 AM
18	We do but unfortunately HOA has overgrown trees & doesn't rake up dead leaves, plants, etc as much as I do on my own property.	5/31/2024 9:35 PM
19	Have backup power source	5/31/2024 3:11 PM
20	We have only done some of these things	5/24/2024 10:42 AM
21	All of the above mentioned plus emergency kits, family communication plan, alternative cooking options should power go out, extra food, water storage	5/24/2024 10:02 AM
22	Requests to maintain SAMLARC trees have been ignored or refused. SAMLARC trees present a clear and present danger to homes and safety of occupants. SAMLARC have only trimmed their trees adjacent my property ONCE in 27 years!!!	5/24/2024 7:46 AM
23	removed all trees from property have a GO Bag in car and in house.	5/24/2024 7:39 AM
24	Home hardening	5/23/2024 7:50 PM
25	Smoke detectors, community tree trimming, adequate condo and earthquake insurance	5/23/2024 5:59 PM
26	Fire and gas alarms. Extra food and water. Outdoors trimmed.	5/18/2024 11:32 AM
27	We have smoke detectors and ready go emergency bags	5/9/2024 11:29 AM
28	Landscape maintenance, smoke detectors, ring doorbell and camera in the rear of home, emergency food supply, emergency evacuation kit for car and individual, emergency contacts out of the area, tools kept near water, gas valves for quick turn-offs, stored water, flashlights, candles, blankets etc. first aid kit, emergency kit for pet.	5/9/2024 7:28 AM
29	Regular inspections of the home and then repair and make improvements as necessary.	5/8/2024 9:26 AM
30	Anchor Furniture, Maintain Landscaping, Install Smoke Detectors, Have Emergency Supplies	5/7/2024 9:18 AM
31	Use wall anchors to tie down furniture as well as have functioning smoke and carbon monoxide detectors.	5/6/2024 1:41 PM
32	home hardening, disaster supplies, defensible space, solar power	5/6/2024 1:03 PM

Q10 Choose the top 3 ways you prefer to receive information about how to make your home and neighborhood more resistant to hazards.

Answered: 56 Skipped: 2



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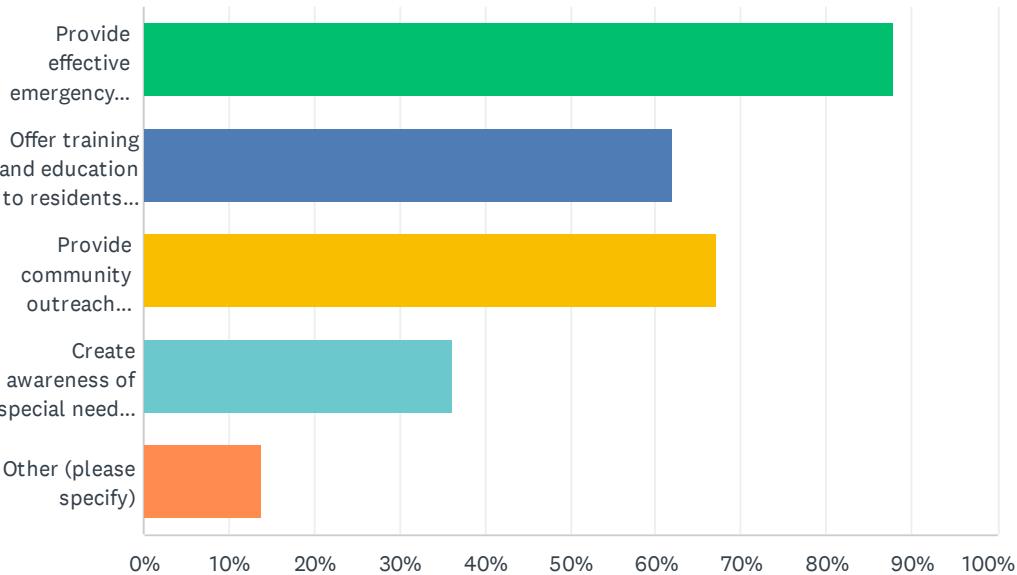
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ANSWER CHOICES	RESPONSES	
Informational brochures	25.00%	14
City/Agency newsletters	26.79%	15
City/Agency website	30.36%	17
County website	8.93%	5
State/Federal website	3.57%	2
Public meetings, workshops, and/or classes	25.00%	14
Schools and academic institutions	3.57%	2
TV based media (news and public service announcements)	14.29%	8
Radio based media (news and public service announcements)	7.14%	4
National Weather Service website	10.71%	6
Fire department	17.86%	10
Law enforcement	10.71%	6
Faith-based institutions	3.57%	2
CERT classes	5.36%	3
Public awareness campaigns (Flood Awareness Week)	1.79%	1
Community safety events	14.29%	8
Fair booths and/or festivals	10.71%	6
Books and/or magazines	0.00%	0
Public library	5.36%	3
Chamber of Commerce	5.36%	3
Nongovernmental organization (Red Cross)	1.79%	1
Auto-dial information from "911" center Emergency notifications (Alert OC)	5.36%	3
Social media (Twitter, Facebook, LinkedIn)	25.00%	14
Email	48.21%	27
Direct mail	21.43%	12
Word of mouth	7.14%	4
Other (please specify)	3.57%	2
Total Respondents: 56		

#	OTHER (PLEASE SPECIFY)	DATE
1	City to implement a home hardening ordinance and support local community group's efforts in lieu of obstructing them.	6/9/2024 10:35 PM
2	Would add Instagram to social media	5/24/2024 10:02 AM

Q11 How can your City, County, or other Agencies help you become better prepared for a disaster? Choose all that apply.

Answered: 58 Skipped: 0

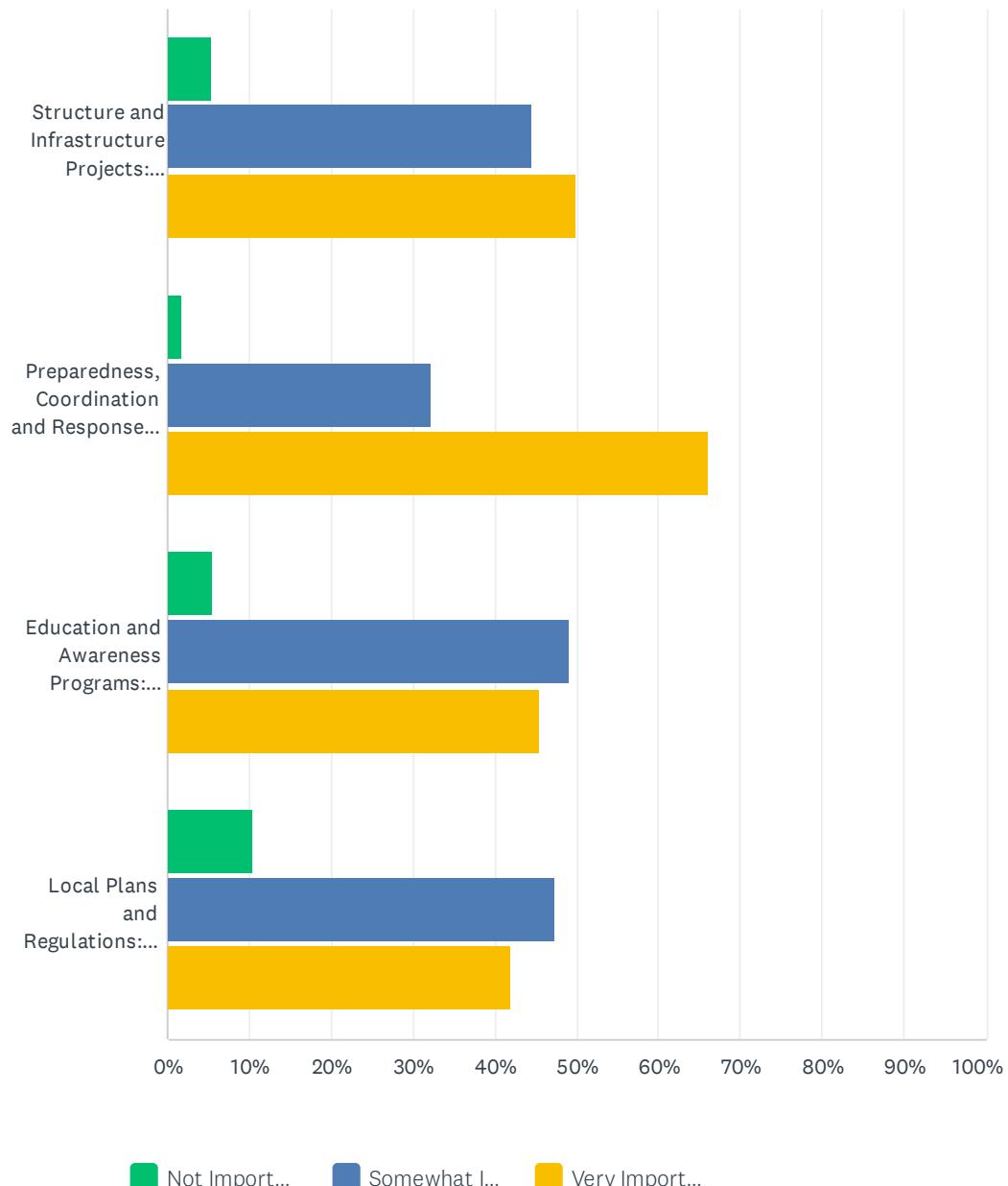


ANSWER CHOICES	RESPONSES	
Provide effective emergency notifications and communication in a disaster (i.e., Alert OC).	87.93%	51
Offer training and education to residents and business owners on how to reduce risk.	62.07%	36
Provide community outreach regarding emergency preparedness.	67.24%	39
Create awareness of special needs and vulnerable populations.	36.21%	21
Other (please specify)	13.79%	8
Total Respondents: 58		

#	OTHER (PLEASE SPECIFY)	DATE
1	Offer emergency kits from the money you received from FEMA	7/17/2024 9:34 AM
2	Periodic Testing of AlertOC, I've never received an alert nor test, not sure it works. Not sure about evac routes for homes north of Plano.	7/8/2024 12:34 PM
3	Do what it takes to have AlertOC on everyone's cell phone.	6/15/2024 5:38 PM
4	See other under 10 above	6/9/2024 10:35 PM
5	Work with groups like the Community Associations of Rancho (CAR)	6/6/2024 10:15 PM
6	Just practice, prepare, etc.	5/31/2024 9:35 PM
7	Maybe offer services and or products, kits that we can purchase to make ourselves more prepared and harden our property	5/24/2024 10:42 AM
8	Require SAMLARC to keep everyone safe and be respectful of human life and property.	5/24/2024 7:46 AM

Q12 A number of community-wide activities can reduce risks from natural hazards. In general, these activities fall into one of the following four (4) categories. Please tell us how important you think each one is to consider pursuing.

Answered: 57 Skipped: 1



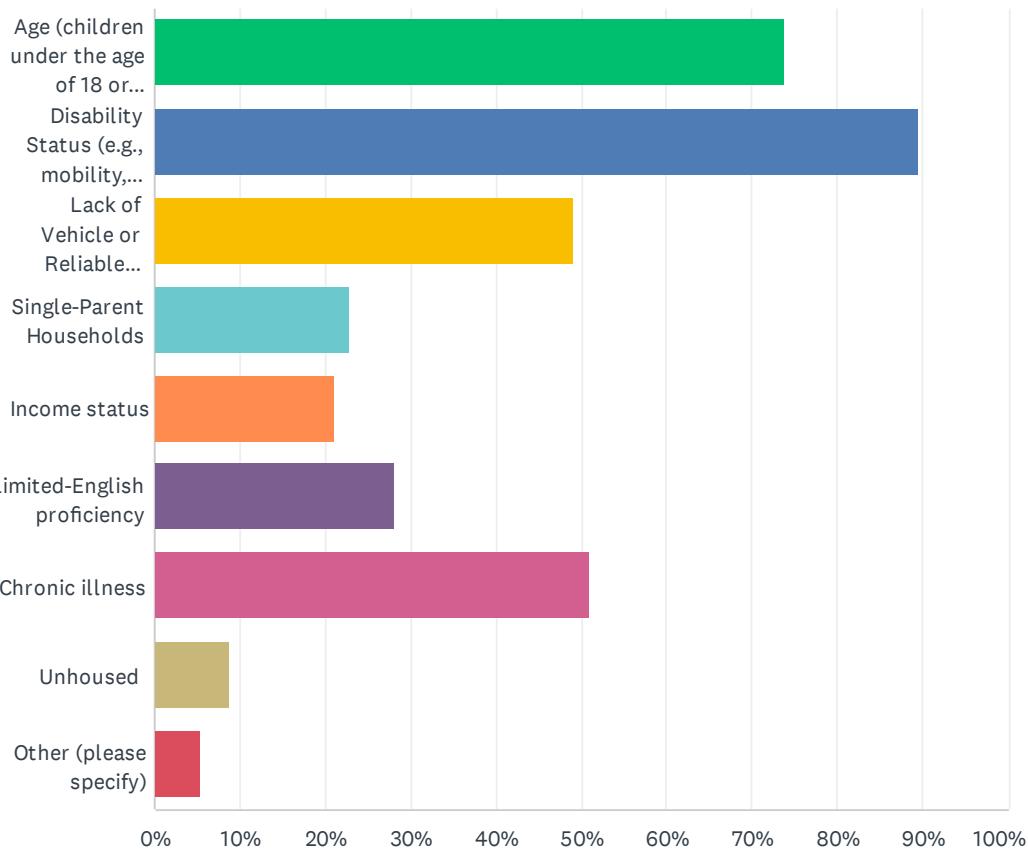
Not Important Somewhat Important Very Important

Rancho Santa Margarita Local Hazard Mitigation Plan Community Survey

	NOT IMPORTANT	SOMEWHAT IMPORTANT	VERY IMPORTANT	TOTAL
Structure and Infrastructure Projects: Construct "brick and mortar" public infrastructure and building improvements to eliminate or reduce hazard threats, or to mitigate the impacts of hazards. Examples – seismic retrofits, drainage improvements.	5.36% 3	44.64% 25	50.00% 28	56
Preparedness, Coordination and Response Actions: Ensure that a framework exists to facilitate and coordinate the administration and enforcement of planned activities. Integrate prevention/mitigation activities into all local community operations.	1.79% 1	32.14% 18	66.07% 37	56
Education and Awareness Programs: Education and community outreach to raise awareness of overall or hazard-specific risk and generate support for individual or community-wide efforts to reduce risk. Examples- school programs, mailed information, etc.	5.45% 3	49.09% 27	45.45% 25	55
Local Plans and Regulations: Integrate mitigation into local bylaws, ordinances, and regulations to protect vulnerable resources and reduce risk. Examples - development restrictions in flood zones, capital planning for mitigation projects, etc.	10.53% 6	47.37% 27	42.11% 24	57

Q13 What factors make members of your community more vulnerable during a hazard event? Consider evacuation, sheltering in place, or recovery actions. Select all that apply.

Answered: 57 Skipped: 1



ANSWER CHOICES	RESPONSES
Age (children under the age of 18 or seniors over the age of 65)	73.68% 42
Disability Status (e.g., mobility, sensory, or developmental)	89.47% 51
Lack of Vehicle or Reliable Transportation	49.12% 28
Single-Parent Households	22.81% 13
Income status	21.05% 12
Limited-English proficiency	28.07% 16
Chronic illness	50.88% 29
Unhoused	8.77% 5
Other (please specify)	5.26% 3
Total Respondents: 57	

Rancho Santa Margarita Local Hazard Mitigation Plan Community Survey

#	OTHER (PLEASE SPECIFY)	DATE
1	People with pets	6/1/2024 10:37 AM
2	Not having enough information. For instance...are there various planned evacuation routes? What are they? Where do we find them? Maybe it's not that there isn't information maybe it's not knowing where to find it.	5/24/2024 10:02 AM
3	SAMLARC is negligent in necessary maintenance and disaster prevention efforts.	5/24/2024 7:46 AM

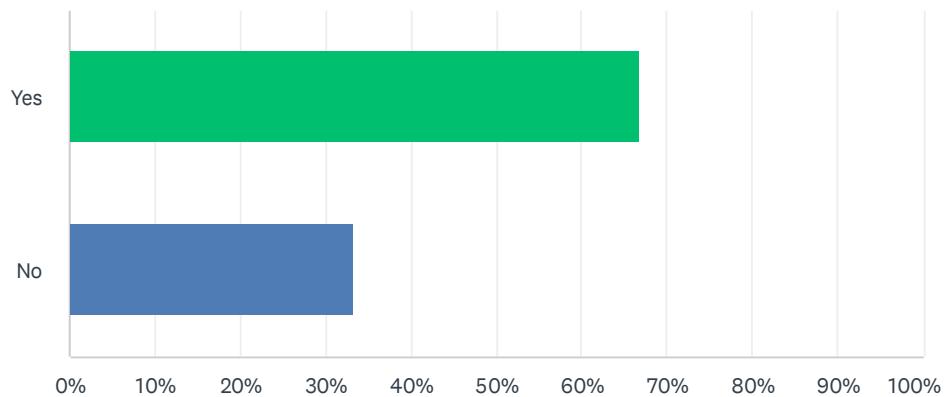
Q14 Please utilize the space below to provide any additional comments regarding local natural hazards, disasters, and preparedness.

Answered: 7 Skipped: 51

#	RESPONSES	DATE
1	RSM is basically "land locked" with 2 major access routes in and out plus the addition of the CR241. There is a limited amount of sources of food in an emergency.	6/20/2024 2:13 PM
2	See other under 10 above	6/9/2024 10:35 PM
3	What resources are available in a natural disaster for us to check on our elderly family members if phones are down, resources limited, etc. Can a "high needs" or "elderly check in" list be made for a community service group to check on those known to need this in an emergency situation?	5/31/2024 9:35 PM
4	I am constantly working on my families preparedness. I read the hazard mitigation plans of all the communities around me. Most people aren't going to do that. I'd love to see neighbors and community members getting more info and encouragement from the city to work on their personal preparedness. I find if I talk about it I'm instantly bumped up to doomsday prepper status which I'm not even close to. I'm a mom wanting to make sure I can cook my family a meal when the power goes out, have a few lights available to read bedtime stories and know how to get my family to safety if I ever have to leave my home. Maybe if neighbors/community members were getting more info from the city (and not the perceived weird prepper woman haha) it would be received better. Information could also get to more people. I can't help but think the effort to help more people prepare would pay off greatly in an actual disaster. People able to care for themselves even for a few days would have to significantly lighten the strain on the city should they have to respond to a disaster situation	5/24/2024 10:02 AM
5	SAMLARC trees are not uniformly maintained throughout the city.	5/24/2024 7:46 AM
6	It could be worth looking into an EMP hardened and locally powered phone service in the case that cell phone towers are not working during a power outage: https://sempre.ai/	5/18/2024 11:58 AM
7	None	5/6/2024 1:03 PM

Q16 Are you enrolled in Alert OC?

Answered: 57 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	66.67%	38
No	33.33%	19
TOTAL		57