

LOCAL MITIGATION PLAN REVIEW CROSSWALK

B. Does the updated plan identify all participating jurisdictions, including new, continuing, and the jurisdictions that no longer participate in the plan?	Section 1: Introduction 1-1 to 1-2 1-10			
SUMMARY SCORE				

PLANNING PROCESS: §201.6(b): *An open public involvement process is essential to the development of an effective plan.*

4. Documentation of the Planning Process

Requirement §201.6(b): *In order to develop a more comprehensive approach to reducing the effects of natural disasters, the planning process shall include:*

- (1) *An opportunity for the public to comment on the plan during the drafting stage and prior to plan approval;*
- (2) *An opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia and other private and non-profit interests to be involved in the planning process; and*
- (3) *Review and incorporation, if appropriate, of existing plans, studies, reports, and technical information.*

Requirement §201.6(c)(1): *[The plan shall document] the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the new or updated plan indicate who was involved in the current planning process? (For example, who led the development at the staff level and were there any external contributors such as contractors? Who participated on the plan committee, provided information, reviewed drafts, etc.?)	Section 1: Introduction: 1-1 to 1-2 1-6 1-8 to 1-9 1-10 to 1-12			

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Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
B. Does the new or updated plan indicate how the public was involved? (Was the public provided an opportunity to comment on the plan during the drafting stage and prior to the plan approval?)	Section 1: Introduction: 1-6 Section 5: Plan Maintenance and Monitoring 5-1 Section 14: Annex C: Disaster Prep Risk Survey Section 16: Annex E: Planning and Public Involvement			
C. Does the new or updated plan discuss the opportunity for neighboring communities, agencies, businesses, academia, nonprofits, and other interested parties to be involved in the planning process?	Section 5: Plan Maintenance and Monitoring 5-1 Section 14: Annex C: Disaster Prep Risk Survey Section 16: Annex E: Planning and Public Involvement			
D. Does the planning process describe the review and incorporation, if appropriate, of existing plans, studies, reports, and technical information?	Section 1: Introduction 1-8 1-11, 1-12 Section 5: Plan Maintenance and Monitoring 5-1 to 5-2			
E. Does the plan provide a narrative description of the process followed to prepare the new or updated plan?	Section 1: Introduction 1-6 1-11 to 1-12			
F. Does the updated plan document how the planning team reviewed and analyzed each section of the plan and whether each section was revised as part of the update process?	Section 1: Introduction 1-8 to 1-9, 1-11 to 1-12			
SUMMARY SCORE				

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RISK ASSESSMENT: §201.6(c)(2): *The plan shall include a risk assessment that provides the factual basis for activities proposed in the strategy to reduce losses from identified hazards. Local risk assessments must provide sufficient information to enable the jurisdiction to identify and prioritize appropriate mitigation actions to reduce losses from identified hazards.*

5. Identifying Hazards

Requirement §201.6(c)(2)(i): *[The risk assessment shall include a] description of the type ... of all natural hazards that can affect the jurisdiction.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the new or updated plan include a description of the types of all natural hazards that affect the jurisdiction?	Section 3: Risk Assessment 3-7 to 3-15 Section 6: Earthquake 6-1 Section 7: Wildfire 7-1 Section 8: Windstorm 8-1 Section 9: Landslide 9-1 Section 10: Flood 10-1 Section 11: Terrorism 11-1 Section 14: Annex C: Disaster Prep Risk Survey 14-1 Section 15: Annex D: Steering Committee / Planning Group HMP Risk Assessment Survey Annex 15-1 Section 17: Annex F: FIRM 17-1 Section 18: Annex G: Malibu Flood Mitigation Plan 18-1			
SUMMARY SCORE				

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6. Profiling Hazards

Requirement §201.6(c)(2)(i): [The risk assessment shall include a] description of the ... location and extent of all natural hazards that can affect the jurisdiction. The plan shall include information on previous occurrences of hazard events and on the probability of future hazard events.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the risk assessment identify the location (i.e., geographic area affected) of each natural hazard addressed in the new or updated plan?	Section 3: Risk Assessment 3-8 to 3-14, 3-17, 3-18 Section 6: Earthquake 6-1 to 6-8, 6-12, 6-13 Section 7: Wildfire 7-1 to 7-5 Section 8: Windstorm 8-1 to 8-3 Section 9: Landslide 9-1 to 9-3, 9-6 to 9-8 Section 10: Flood 10-1, 10-3, 10-4, 10-7, 10-9, 10-11, 10-13, 10-14 Section 17: Annex F: FIRM 17-1			
B. Does the risk assessment identify the extent (i.e., magnitude or severity) of each hazard addressed in the new or updated plan?	Section 3: Risk Assessment 3-7 to 3-17, 3-23 to 3-53 Section 14: Annex C: Disaster Prep Risk Survey 14-1 Section 15: Annex D: Steering Committee / Planning Group HMP Risk Assessment Survey Annex 15-1			
C. Does the plan provide information on previous occurrences of each hazard addressed in the new or updated plan?	Section 3: Risk Assessment 3-2, 3-8 to 3-15 Section 6: Earthquake 6-3, 6-4 Section 7: Wildfire 7-1 to 7-3 Section 8: Windstorm 8-1, 8-3 Section 9: Landslide 9-2 Section 10: Flood 10-1, 10-2 Section 11: Terrorism 11-1 Section 14: Annex C: Disaster Prep Risk Survey 14-14 to 14-15 Section 18: Annex G: Malibu Flood Mitigation Plan 18-1			
D. Does the plan include the probability of future events (i.e., chance of occurrence) for each hazard addressed in the new or updated plan?	Section 3: Risk Assessment 3-7 to 3-15 Section 6: Earthquake 6-5 to 6-8 Section 7: Wildfire 7-4, 7-5 Section 8: Windstorm 8-1, 8-3 Section 9: Landslide 9-6, 9-7 Section 10: Flood 10-7, 10-9, 10-11, 10-14 Section 11: Terrorism 11-7 Section 14: Annex C: Disaster Prep Risk Survey 14-8 to 14-11 Section 15: Annex D: Steering Committee / Planning Group HMP Risk Assessment Survey Annex 15-1 Section 17: Annex F: FIRM 17-1 Section 18: Annex G: Malibu Flood Mitigation Plan 18-1			
SUMMARY SCORE				

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7. Assessing Vulnerability: Overview

Requirement §201.6(c)(2)(ii): [The risk assessment shall include a] description of the jurisdiction's vulnerability to the hazards described in paragraph (c)(2)(i) of this section. This description shall include an overall summary of each hazard and its impact on the community.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the new or updated plan include an overall summary description of the jurisdiction's vulnerability to each hazard?	Section 3: Risk Assessment 3-7 to 3-15 Section 6: Earthquake 6-12 Section 7: Wildfire 7-6 Section 8: Windstorm 8-3 Section 9: Landslide 9-8 Section 10: Flood 10-6 Section 11: Terrorism 11-7 Section 18: Annex G: Malibu Flood Mitigation Plan 18-12			
B. Does the new or updated plan address the impact of each hazard on the jurisdiction?	Section 3: Risk Assessment 3-7 to 3-15, 3-23 to 3-53 Section 6: Earthquake 6-9 to 6-11 Section 7: Wildfire 7-3 to 7-5 Section 8: Windstorm 8-1 to 8-2 Section 9: Landslide 9-4 to 9-7 Section 10: Flood 10-4 to 10-5 Section 11: Terrorism 11-2 and 11-7 Section 14: Annex C: Disaster Preparedness Risk Survey 14-1 Section 15: Annex D: Steering Committee / Planning Group HMP Risk Assessment Survey Annex 15-3, 15-5, 15-7, 15-9, 15-11, 15-13 Section 18: Annex G: Malibu Flood Mitigation Plan 18-11 to 18-13			
SUMMARY SCORE				

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8. Assessing Vulnerability: Addressing Repetitive Loss Properties

Requirement §201.6(c)(2)(ii): [The risk assessment] must also address National Flood Insurance Program (NFIP) insured structures that have been repetitively damaged floods.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the new or updated plan describe vulnerability in terms of the types and numbers of repetitive loss properties located in the identified hazard areas?	Section 10: Flood 10-2	<i>Note: This requirement becomes effective for all local plans approved after October 1, 2008.</i>		
SUMMARY SCORE				

9. Assessing Vulnerability: Identifying Structures

Requirement §201.6(c)(2)(ii)(A): The plan should describe vulnerability in terms of the types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified hazard area ...

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the new or updated plan describe vulnerability in terms of the types and numbers of existing buildings, infrastructure, and critical facilities located in the identified hazard areas?	Section 2: Community Profile 2-18 to 2-20 2-30 to 2-32 2-40 to 2-42 2-51 to 2-53 2-63 to 2-65 Section 3: Risk Assessment 3-16 to 3-22, 3-23 to 3-53	<i>Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.</i>		
B. Does the new or updated plan describe vulnerability in terms of the types and numbers of future buildings, infrastructure, and critical facilities located in the identified hazard areas?	Section 2: Community Profile 2-18 2-30 2-40 2-51 2-63 Section 3: Risk Assessment 3-23 to 3-26, 3-23 to 3-53	<i>Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.</i>		
SUMMARY SCORE				

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10. Assessing Vulnerability: Estimating Potential Losses

*Requirement §201.6(c)(2)(ii)(B): [The plan **should** describe vulnerability in terms of an] estimate of the potential dollar losses to vulnerable structures identified in paragraph (c)(2)(ii)(A) of this section and a description of the methodology used to prepare the estimate*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the new or updated plan estimate potential dollar losses to vulnerable structures?	Section 3: Risk Assessment 3-16, 3-23 to 3-53 Section 6: Earthquake 6-11 Section 7: Wildfire 7-6 Section 8: Windstorm 8-2 Section 9: Landslide 9-7 Section 10: Flood 10-5 Section 11: Terrorism 11-7	<i>Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.</i>		
B. Does the new or updated plan describe the methodology used to prepare the estimate?	Section 3: Risk Assessment 3-16, 3-23 Section 6: Earthquake 6-11 Section 7: Wildfire 7-6 Section 8: Windstorm 8-2 Section 9: Landslide 9-7 Section 10: Flood 10-5 Section 11: Terrorism 11-7	<i>Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.</i>		
SUMMARY SCORE				

11. Assessing Vulnerability: Analyzing Development Trends

*Requirement §201.6(c)(2)(ii)(C): [The plan **should** describe vulnerability in terms of] providing a general description of land uses and development trends within the community so that mitigation options can be considered in future land use decisions.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the new or updated plan describe land uses and development trends?	Section 3: Risk Assessment 3-54 to 3-57	<i>Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.</i>		
SUMMARY SCORE				

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12. Multi-Jurisdictional Risk Assessment

Requirement §201.6(c)(2)(iii): For multi-jurisdictional plans, the risk assessment must assess each jurisdiction's risks where they vary from the risks facing the entire planning area.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the new or updated plan include a risk assessment for each participating jurisdiction as needed to reflect unique or varied risks?	Section 3: Risk Assessment 3-8 to 3-14 3-17 to 3-18 3-23 to 3-53 Section 6: Earthquake 6-1 to 6-8 6-12 to 6-13 Section 7: Wildfire 7-1 to 7-5 Section 8: Windstorm 8-1 to 8-3 Section 9: Landslide 9-1 to 9-3 9-6 to 9-8 Section 10: Flood 10-1 10-3 to 10-4 10-7 10-9 10-11 10-13 to 10-14 Section 17: Annex F: FIRM 17-1			
SUMMARY SCORE				

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MITIGATION STRATEGY: §201.6(c)(3): *The plan shall include a mitigation strategy that provides the jurisdiction's blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and its ability to expand on and improve these existing tools.*

13. Local Hazard Mitigation Goals

Requirement §201.6(c)(3)(i): *[The hazard mitigation strategy shall include a] description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A Does the new or updated plan include a description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards?	Section 4: Hazard Mitigation Goals and Strategies 4-1			
SUMMARY SCORE				

14. Identification and Analysis of Mitigation Actions

Requirement §201.6(c)(3)(ii): *[The mitigation strategy shall include a] section that identifies and analyzes a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the new or updated plan identify and analyze a comprehensive range of specific mitigation actions and projects for each hazard?	Section 4: Hazard Mitigation Goals and Strategies 4-3 to 4-14 4-16 to 4-77 Section 6: Earthquake 6-15 to 6-18 Section 7: Wildfire 7-9 to 7-16 Section 8: Windstorm 8-4 to 8-5 Section 9: Landslide 9-3 to 9-9 Section 10 Flood 10-6 to 10-14 Section 11: Terrorism 11-9 to 11-12			

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Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
B Do the identified actions and projects address reducing the effects of hazards on new buildings and infrastructure?	Section 4: Hazard Mitigation Goals and Strategies 4-32 4-39 to 4-40 4-44 4-51 to 4-56 4-58 4-60 to 4-61 4-72 Section 6: Earthquake 6-15 to 6-18 Section 7: Wildfire 7-9 to 7-16 Section 8: Windstorm 8-4 to 8-5 Section 9: Landslide 9-8 to 9-9 Section 10 Flood 10-6 to 10-14 Section 11: Terrorism 11-9 to 11-12			
C. Do the identified actions and projects address reducing the effects of hazards on existing buildings and infrastructure?	Section 4: Hazard Mitigation Goals and Strategies 4-17 4-22 4-30 4-32 4-39 4-51 to 4-56 4-58 4-60 to 4-64 4-66 4-69 4-72 to 4-73 4-75 Section 6: Earthquake 6-15 to 6-18 Section 7: Wildfire 7-9 to 7-16 Section 8: Windstorm 8-4 to 8-5 Section 9: Landslide 9-8 to 9-9 Section 10 Flood 10-6 to 10-14 Section 11: Terrorism 11-9 to 11-12			
SUMMARY SCORE				

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15. Identification and Analysis of Mitigation Actions: National Flood Insurance Program (NFIP) Compliance

Requirement: §201.6(c)(3)(ii): [The mitigation strategy] must also address the jurisdiction's participation in the National Flood Insurance Program (NFIP), and continued compliance with NFIP requirements, as appropriate.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the new or updated plan describe the jurisdiction (s) participation in the NFIP?	Section 10 Flood 10-6	<i>Note: This requirement becomes effective for all local mitigation plans approved after October 1, 2008.</i>		
B. Does the mitigation strategy identify, analyze and prioritize actions related to continued compliance with the NFIP?	Section 4: Hazard Mitigation Goals and Strategies 4-33 4-37 4-50 to 4-56 4-58 4-61 4-65 to 4-66 4-75 Section 10 Flood 10-5 to 10-13	<i>Note: This requirement becomes effective for all local mitigation plans approved after October 1, 2008.</i>		
SUMMARY SCORE				

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16. Implementation of Mitigation Actions

Requirement: §201.6(c)(3)(iii): [The mitigation strategy section shall include] an action plan describing how the actions identified in section (c)(3)(ii) will be prioritized, implemented, and administered by the local jurisdiction. Prioritization shall include a special emphasis on the extent to which benefits are maximized according to a cost benefit review of the proposed projects and their associated costs.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the new or updated mitigation strategy include how the actions are prioritized? (For example, is there a discussion of the process and criteria used?)	Section 4: Hazard Mitigation Goals and Strategies 4-2 4-15			
B. Does the new or updated mitigation strategy address how the actions will be implemented and administered, including the responsible department, existing and potential resources and the timeframe to complete each action?	Section 4: Hazard Mitigation Goals and Strategies 4-16 to 4-77			
C. Does the new or updated prioritization process include an emphasis on the use of a cost-benefit review to maximize benefits?	Section 4: Hazard Mitigation Goals and Strategies 4-15 Section 5: Plan Maintenance and Monitoring 5-2 to 5-3			
D. Does the updated plan identify the completed, deleted or deferred mitigation actions as a benchmark for progress, and if activities are unchanged (i.e., deferred), does the updated plan describe why no changes occurred?	Section 4: Hazard Mitigation Goals and Strategies 4-3 to 4-14 4-16 to 4-77			
SUMMARY SCORE				

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17. Multi-Jurisdictional Mitigation Actions

Requirement §201.6(c)(3)(iv): For multi-jurisdictional plans, there must be identifiable action items specific to the jurisdiction requesting FEMA approval or credit of the plan.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the new or updated plan include identifiable action items for each jurisdiction requesting FEMA approval of the plan?	Section 4: Hazard Mitigation Goals and Strategies 4-3 to 4-14 4-16 to 4-77			
B. Does the updated plan identify the completed, deleted or deferred mitigation actions as a benchmark for progress, and if activities are unchanged (i.e., deferred), does the updated plan describe why no changes occurred?	Section 4: Hazard Mitigation Goals and Strategies 4-3 to 4-14 4-16 to 4-77			
SUMMARY SCORE				

PLAN MAINTENANCE PROCESS

18. Monitoring, Evaluating, and Updating the Plan

Requirement §201.6(c)(4)(i): [The plan maintenance process shall include a] section describing the method and schedule of monitoring, evaluating, and updating the mitigation plan within a five-year cycle.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the new or updated plan describe the method and schedule for monitoring the plan, including the responsible department?	Section 5: Plan Maintenance and Monitoring 5-1 and 5-5			
B. Does the new or updated plan describe the method and schedule for evaluating the plan, including how, when and by whom (i.e. the responsible department)?	Section 5: Plan Maintenance and Monitoring 5-1 and 5-5			
C. Does the new or updated plan describe the method and schedule for updating the plan within the five-year cycle?	Section 5: Plan Maintenance and Monitoring 5-1 and 5-5			
SUMMARY SCORE				

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19. Incorporation into Existing Planning Mechanisms

Requirement §201.6(c)(4)(ii): [The plan shall include a] process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans, when appropriate.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the new or updated plan identify other local planning mechanisms available for incorporating the mitigation requirements of the mitigation plan?	Section 5: Plan Maintenance and Monitoring 5-1 to 5-2			
B. Does the new or updated plan include a process by which the local government will incorporate the mitigation strategy and other information contained in the plan (e.g., risk assessment) into other planning mechanisms, when appropriate?	Section 4: Hazard Mitigation Goals and Strategies 4-32 to 4-33 4-39 4-41 4-45 Section 5: Plan Maintenance and Monitoring 5-1 to 5-2			
C. Does the updated plan explain how the local government incorporated the mitigation strategy and other information contained in the plan (e.g., risk assessment) into other planning mechanisms, when appropriate?	Section 4: Hazard Mitigation Goals and Strategies 4-32 to 4-33 4-39 4-41 4-45 Section 5: Plan Maintenance and Monitoring 5-1 to 5-2			
SUMMARY SCORE				

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Continued Public Involvement

Requirement §201.6(c)(4)(iii): [The plan maintenance process shall include a] discussion on how the community will continue public participation in the plan maintenance process.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the new or updated plan explain how continued public participation will be obtained? (For example, will there be public notices, an on-going mitigation plan committee, or annual review meetings with stakeholders?)	Section 5: Maintenance and Monitoring 5-1 Section 14: Annex C: Disaster Prep Risk Survey 14-1 to 14-17 Section 16: Annex E: Planning and Public Involvement 16-4 to 16-5			
SUMMARY SCORE				

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MATRIX A: PROFILING HAZARDS

This matrix can assist FEMA and the State in scoring each hazard. Local jurisdictions may find the matrix useful to ensure that their plan addresses each natural hazard that can affect the jurisdiction. **Completing the matrix is not required.**

Note: First, check which hazards are identified in requirement §201.6(c)(2)(i). Then, place a checkmark in either the N or S box for each applicable hazard. An "N" for any element of any identified hazard will result in a "Needs Improvement" score for this requirement. List the hazard and its related shortcoming in the comments section of the Plan Review Crosswalk.

Hazard Type	Hazards Identified Per Requirement §201.6(c)(2)(i)	A. Location		B. Extent		C. Previous Occurrences		D. Probability of Future Events	
	Yes	N	S	N	S	N	S	N	S
Avalanche	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coastal Erosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coastal Storm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dam Failure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drought	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Earthquake	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Expansive Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Levee Failure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flood	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hailstorm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hurricane	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Land Subsidence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Landslide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Severe Winter Storm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tornado	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tsunami	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Volcano	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wildfire	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Windstorm	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other <u>Terrorism</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

To check boxes, double click on the box and change the default value to "checked."

- Legend:
 §201.6(c)(2)(i) Profiling Hazards
 A. Does the risk assessment identify the location (i.e., geographic area affected) of each hazard addressed in the new or updated plan?
 B. Does the risk assessment identify the extent (i.e., magnitude or severity) of each hazard addressed in the new or updated plan?
 C. Does the plan provide information on previous occurrences of each natural hazard addressed in the new or updated plan?
 D. Does the plan include the probability of future events (i.e., chance of occurrence) for each hazard addressed in the plan?

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MATRIX B: ASSESSING VULNERABILITY

This matrix can assist FEMA and the State in scoring each hazard. Local jurisdictions may find the matrix useful to ensure that the new or updated plan addresses each requirement. **Completing the matrix is not required.**

Note: First, check which hazards are identified in requirement §201.6(c)(2)(i). Then, place a checkmark in either the N or S box for each applicable hazard. An "N" for any element of any identified hazard will result in a "Needs Improvement" score for this requirement. List the hazard and its related shortcoming in the comments section of the Plan Review Crosswalk. Note: Receiving an N in the shaded columns will not preclude the plan from passing.

To check boxes, double click on the box and change the default value to "checked."

Hazard Type	Hazards Identified Per Requirement §201.6(c)(2)(i)	A. Overall Summary Description of Vulnerability				B. Hazard Impact				A. Types and Number of Existing Structures in Hazard Area (Estimate)				B. Types and Number of Future Structures in Hazard Area (Estimate)				A. Loss Estimate				B. Methodology							
	Yes	N		S		N		S		N		S		N		S		N		S		N		S					
Avalanche	<input type="checkbox"/>																												
Coastal Erosion	<input type="checkbox"/>																												
Coastal Storm	<input type="checkbox"/>																												
Dam Failure	<input type="checkbox"/>																												
Drought	<input type="checkbox"/>																												
Earthquake	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>																<input checked="" type="checkbox"/>
Expansive Soils	<input type="checkbox"/>																												
Levee Failure	<input type="checkbox"/>																												
Flood	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>																<input checked="" type="checkbox"/>
Hailstorm	<input type="checkbox"/>																												
Hurricane	<input type="checkbox"/>																												
Land Subsidence	<input type="checkbox"/>																												
Landslide	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>																<input checked="" type="checkbox"/>
Severe Winter Storm	<input type="checkbox"/>																												
Tornado	<input type="checkbox"/>																												
Tsunami	<input type="checkbox"/>																												
Volcano	<input type="checkbox"/>																												
Wildfire	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>																<input checked="" type="checkbox"/>
Windstorm	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>																<input checked="" type="checkbox"/>
Other Terrorism	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>																<input checked="" type="checkbox"/>
Other _____	<input type="checkbox"/>																												
Other _____	<input type="checkbox"/>																												

Legend:

§201.6(c)(2)(ii) Assessing Vulnerability: Overview

- A. Does the new or updated plan include an overall summary description of the jurisdiction's vulnerability to each hazard?
- B. Does the new or updated plan address the impact of each hazard on the jurisdiction?

§201.6(c)(2)(ii)(A) Assessing Vulnerability: Identifying Structures

- A. Does the new or updated plan describe vulnerability in terms of the types and numbers of existing buildings, infrastructure, and critical facilities located in the identified hazard areas?

- B. Does the new or updated plan describe vulnerability in terms of the types and numbers of future buildings, infrastructure, and critical facilities located in the identified hazard areas?

§201.6(c)(2)(ii)(B) Assessing Vulnerability: Estimating Potential Losses

- A. Does the new or updated plan estimate potential dollar losses to vulnerable structures?
- B. Does the new or updated plan describe the methodology used to prepare the estimate?

LOCAL MITIGATION PLAN REVIEW CROSSWALK

MATRIX C: IDENTIFICATION AND ANALYSIS OF MITIGATION ACTIONS

This matrix can assist FEMA and the State in scoring each hazard. Local jurisdictions may find the matrix useful to ensure consideration of a range of actions for each hazard. **Completing the matrix is not required.**

Note: First, check which hazards are identified in requirement §201.6(c)(2)(i). Then, place a checkmark in either the N or S box for each applicable hazard. An "N" for any identified hazard will result in a "Needs Improvement" score for this requirement. List the hazard and its related shortcoming in the comments section of the Plan Review Crosswalk.

Hazard Type	Hazards Identified Per Requirement §201.6(c)(2)(i)	A. Comprehensive Range of Actions and Projects	
	Yes	N	S
Avalanche	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coastal Erosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coastal Storm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dam Failure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drought	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Earthquake	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Expansive Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Levee Failure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flood	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hailstorm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hurricane	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Land Subsidence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Landslide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Severe Winter Storm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tornado	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tsunami	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Volcano	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wildfire	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Windstorm	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other <u>Terrorism</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

To check boxes, double click on the box and change the default value to "checked."

Legend:

§201.6(c)(3)(ii) Identification and Analysis of Mitigation Actions

A. Does the new or updated plan identify and analyze a comprehensive range of specific mitigation actions and projects for each hazard?

SECTION 14. ANNEX C: DISASTER PREPAREDNESS RISK SURVEY

Disaster Preparedness and Risk Survey Results

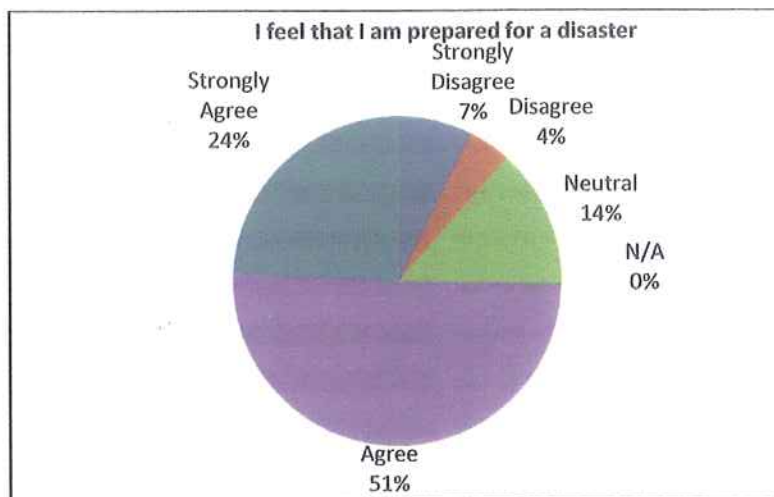
A Disaster Preparedness Risk Survey was used to encourage public participation in mitigation planning and provide input into the Hazard Mitigation Planning process. The survey included questions regarding perceived risks, actual losses, and mitigation activities.

The survey also provided a forum for the public to provide their input on future planning efforts and enables emergency management personnel to better focus their mitigation efforts. The following tables provide the survey results. Surveys were made available online via each city's website and as hard copies.

The data gathered will be used to help local officials better plan for disasters as well as communicate with citizens and educate residents on mitigation steps to reduce the risk of loss. This survey was administered and maintained by MLC and Associates, Inc. In some cases, comments have been summarized and edited for clarity.

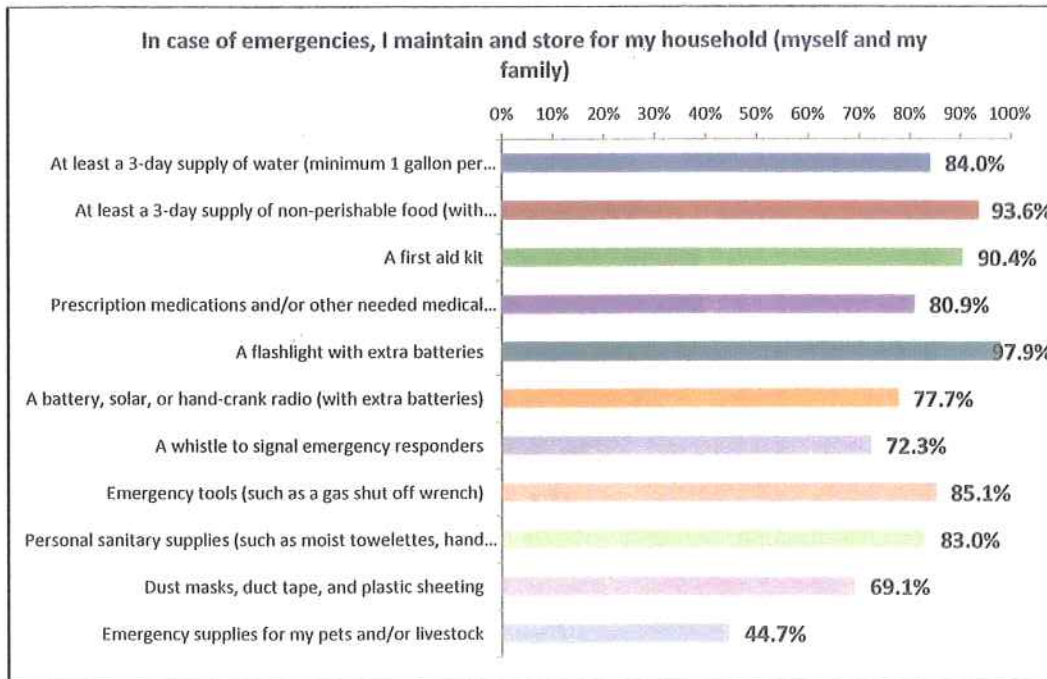
1. I feel that I am prepared for a disaster.

Value	Count	Percent
Strongly disagree	7	7.4%
Disagree	4	4.2%
Neutral	13	13.7%
Agree	48	50.5%
Strongly agree	23	24.2%
Not Applicable	0	0%



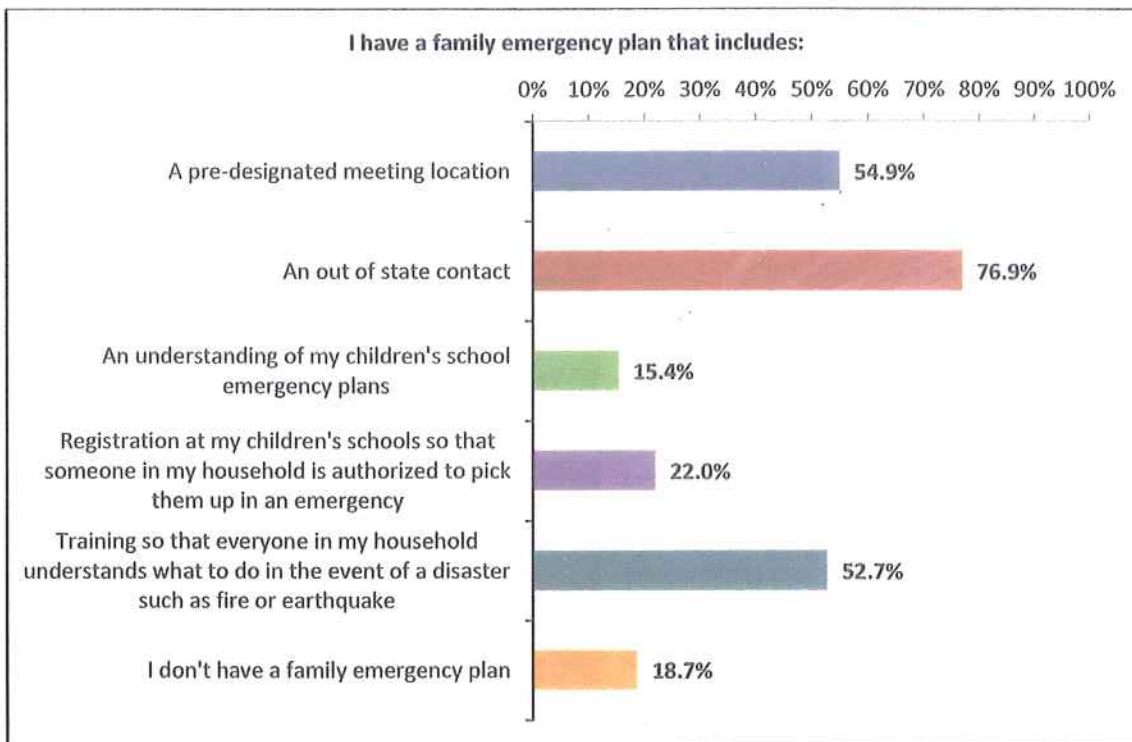
2. In case of emergencies, I maintain and store for my household (myself and my family).

Value	Count	Percent
At least a 3-day supply of water (minimum 1 gallon per person per day)	79	84%
At least a 3-day supply of non-perishable food (with manual can opener)	88	93.6%
A first aid kit	85	90.4%
Prescription medications and/or other needed medical supplies	76	80.9%
A flashlight with extra batteries	92	97.9%
A battery, solar, or hand-crank radio (with extra batteries)	73	77.7%
A whistle to signal emergency responders	68	72.3%
Emergency tools (such as a gas shut off wrench)	80	85.1%
Personal sanitary supplies (such as moist towelettes, hand sanitizers, garbage bags with ties, etc.)	78	83%
Dust masks, duct tape, and plastic sheeting	65	69.1%
Emergency supplies for my pets and/or livestock	42	44.7%



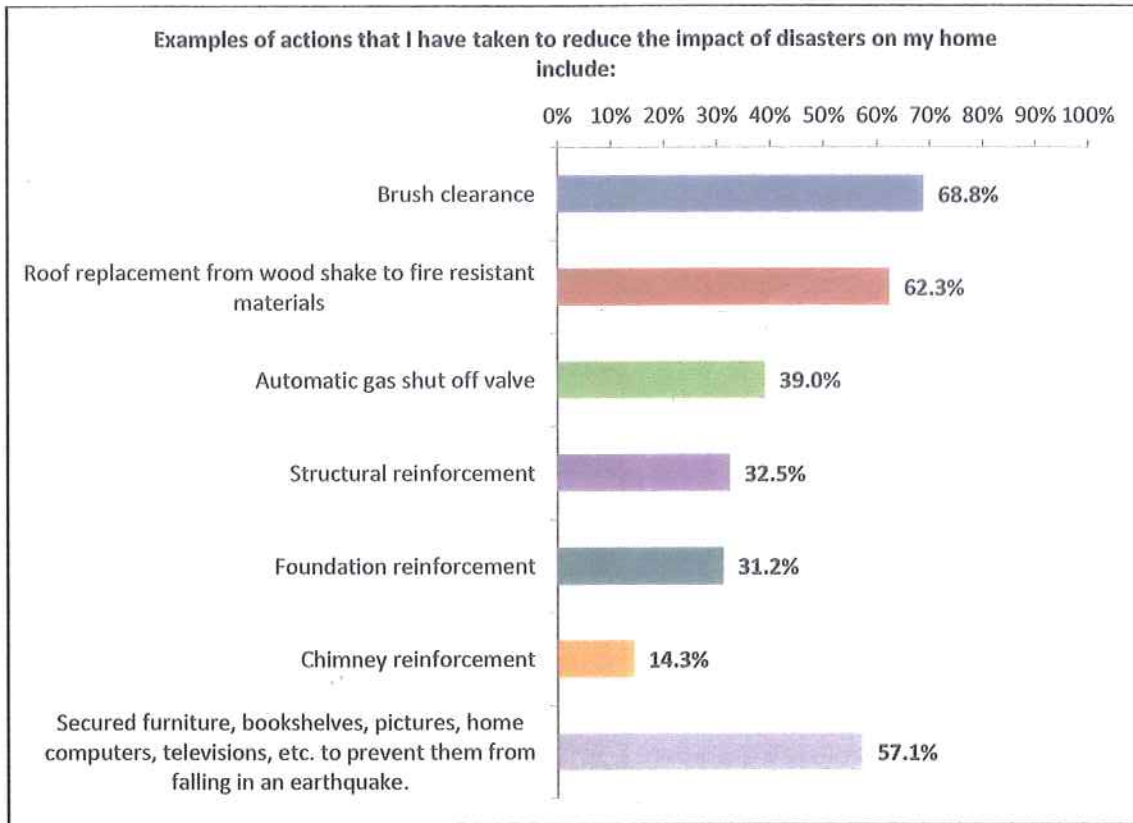
3. I have a family emergency plan that includes: (check all that apply)

Value	Count	Percent
A pre-designated meeting location	50	54.9%
An out of state contact	70	76.9%
An understanding of my children's school emergency plans	14	15.4%
Registration at my children's schools so that someone in my household is authorized to pick them up in an emergency	20	22.0%
Training so that everyone in my household understands what to do in the event of a disaster such as fire or earthquake	48	52.7%
I don't have a family emergency plan	17	18.7%



4. Examples of actions that I have taken to reduce the impact of disasters on my home include: (check all that apply)

Value	Count	Percent
Brush clearance	53	68.8%
Roof replacement from wood shake to fire resistant materials	48	62.3%
Automatic gas shut off valve	30	39.0%
Structural reinforcement	25	32.5%
Foundation reinforcement	24	31.2%
Chimney reinforcement	11	14.3%
Secured furniture, bookshelves, pictures, home computers, televisions, etc. to prevent them from falling in an earthquake.	44	57.1%



Other examples of actions that I have taken to mitigate the impact of a disaster to my home include:

Construction

- Flexible plumbing where possible, flexible gas lines, secured water heater, automatic emergency lighting.
- We have house built with more stringent earthquake requirements.
- Auto shut off – (controversial) / Shut off the gas and electricity boxes.
- Installed fire resistant attic vents.
- Composite decking for reduced fire spread; composite siding on storage are for reduced fire-potential.

Equipment

- Grab and go emergency kit to take in quick evacuations: Documents, titles, insurance info, cash etc.
- Underneath all beds are crow bars, tennis shoes, socks and sweatshirts 2 out of 4 cars have large earthquake backpack which include 2 days of prescriptions
- Extra prescriptions downstairs (in case we are unable to get up our stairs)
- Do not let the cars get much below 1/2 tank.
- Keep cash in both cars and at home in small bills.
- Stocked extra first aid supply's at home generously.
- Fire extinguisher - Shoes under the beds. flashlights near kids in bedroom.
- Foam Fire Retardant.
- Fire Extinguisher / 4 fire extinguishers.
- Auto shut off (controversial).
- Ladder to access roof. Three water hoses at three different locations.
- Large supply of bottled water in garage which we rotate monthly
- 55 gal drum for potable water.
- Every bedside has a flashlight. Shoes are kept at the bedside. Crowbar is under the bed.

Training

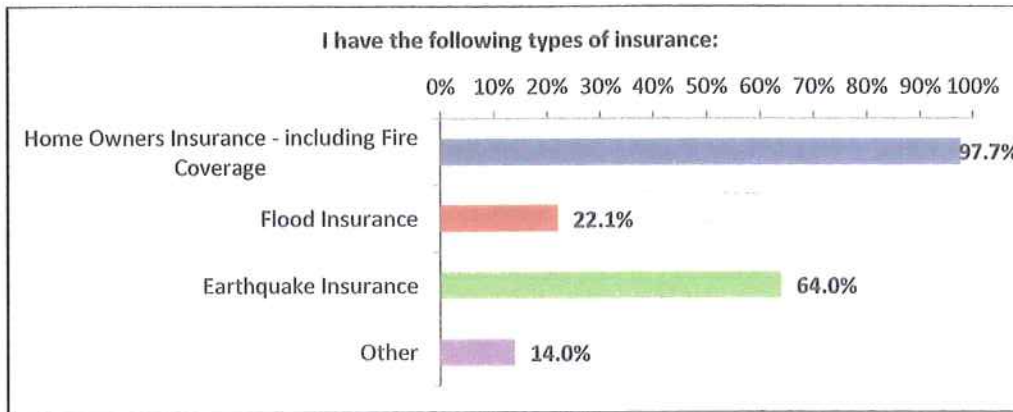
- I'm an EMT and have been involved with disaster teams and preparedness for years. My training is always ongoing.
- I am a trained CERT volunteer.
- My kids know to dial 911, and know that phone lines and cell phones may not work in a disaster. Texting may work.

Other

- Community mitigation efforts -- CERT training of 17 neighborhood volunteers; organized HOA to have a functioning emergency team of approximately 30 residents to include a medical team; secured and organized HAO emergency supplies; monthly preparedness info written for HAO newsletter.
- Home organization

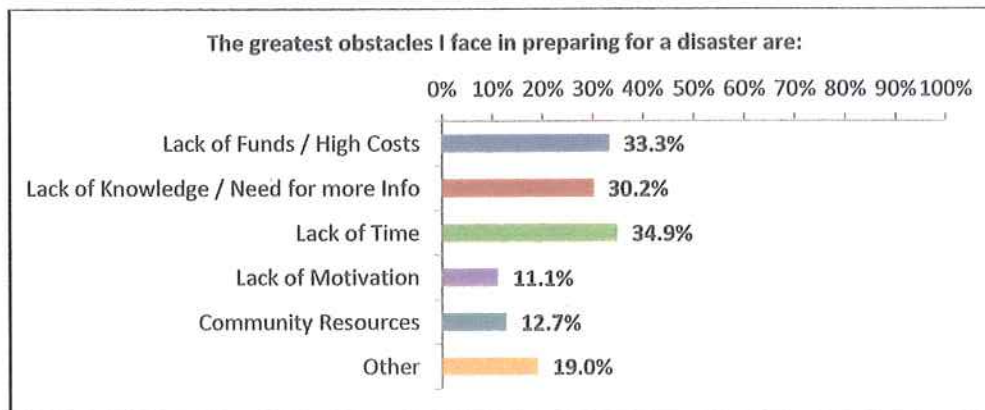
5. I have the following types of insurance: (check all that apply)

Value	Count	Percent
Homeowners Insurance - including Fire Coverage	84	97.7%
Flood Insurance	19	22.1%
Earthquake Insurance	55	64.0%
Other	12	14.0%



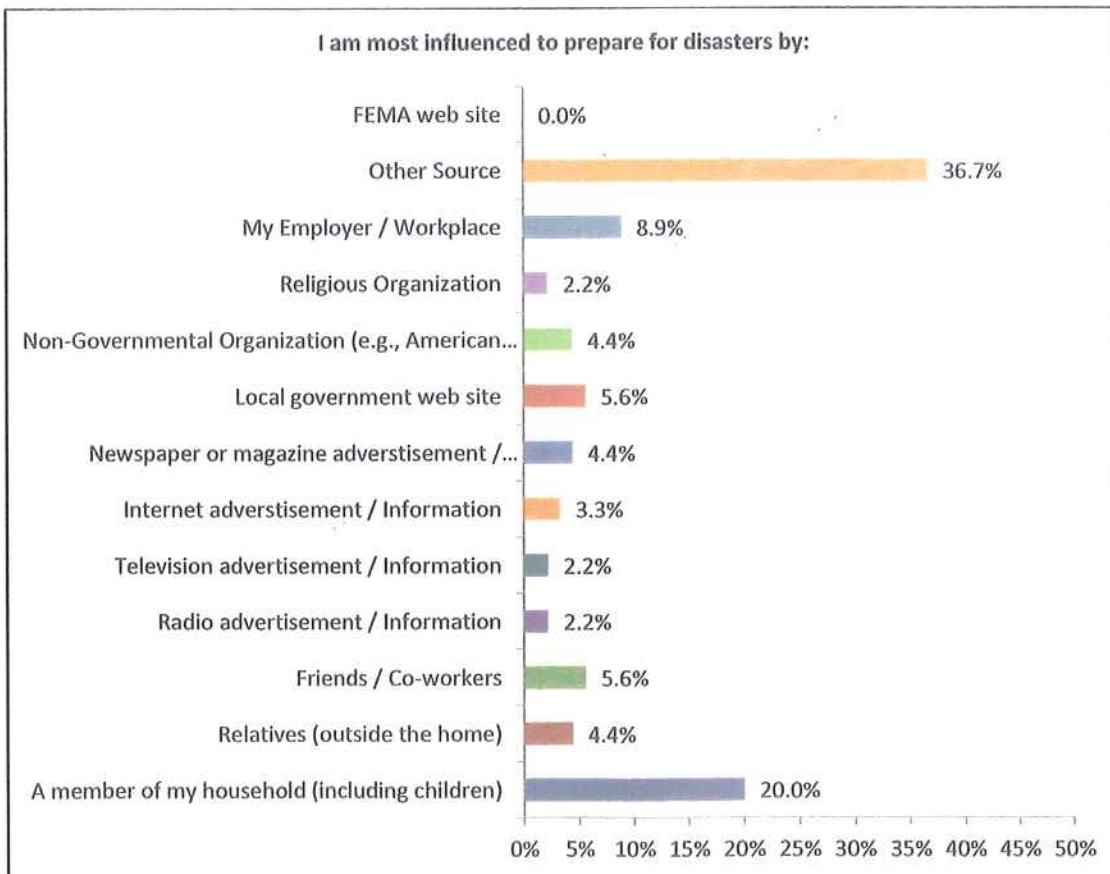
6. The greatest obstacles I face in preparing for a disaster are (check all that apply):

Value	Count	Percent
Lack of Funds / High Costs	21	33.3%
Lack of Knowledge / Need for more Info	19	30.2%
Lack of Time	22	34.9%
Lack of Motivation	7	11.1%
Community Resources	8	12.7%
Other	12	19.0%



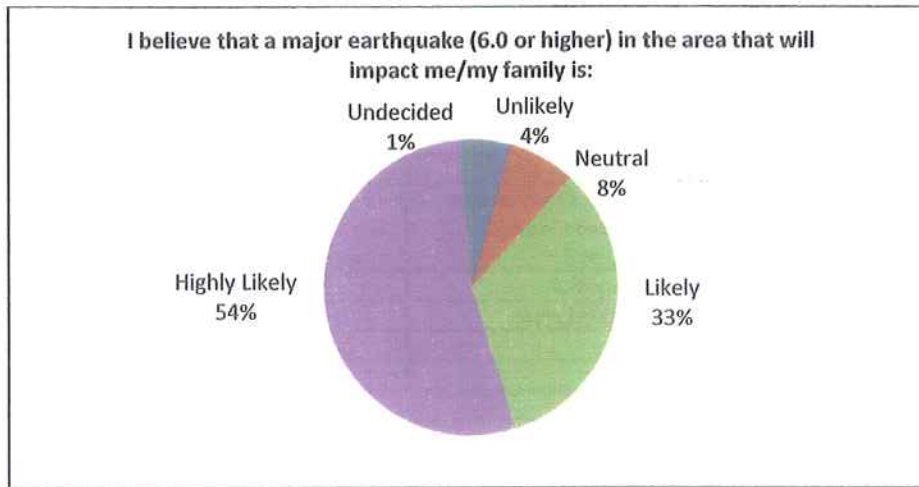
7. I am most influenced to prepare for disasters by:

Value	Count	Percent
A member of my household (including children)	18	20.0%
Relatives (outside the home)	4	4.4%
Friends / Co-workers	5	5.6%
Radio advertisement / Information	2	2.2%
Television advertisement / Information	2	2.2%
Internet advertisement / Information	3	3.3%
Newspaper or magazine advertisement / Information	4	4.4%
Local government web site	5	5.6%
Non-Governmental Organization (e.g., American Red Cross, Salvation Army, etc.)	4	4.4%
Religious Organization	2	2.2%
My Employer / Workplace	8	8.9%
Other Source	33	36.7%
FEMA web site	0	0.0%



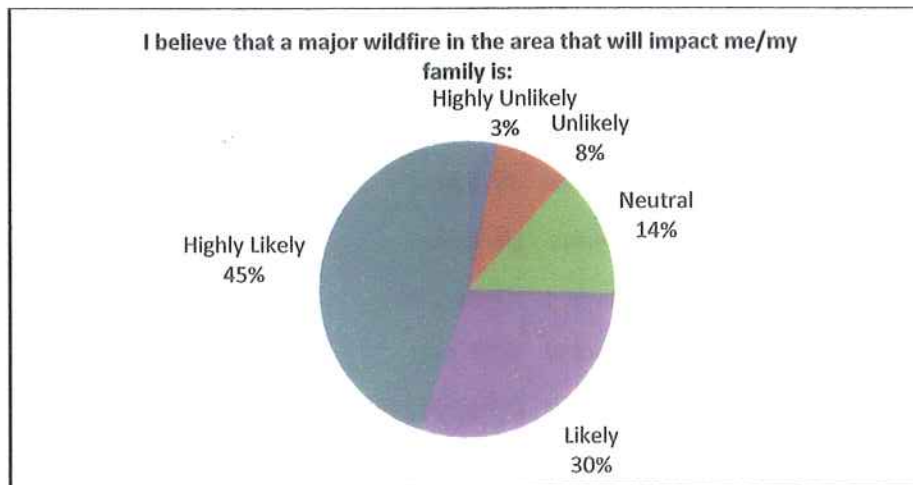
8. I believe that a major earthquake (6.0 or higher) in the area that will impact me/my family is:

Value	Count	Percent
Highly Unlikely	0.0%	0
Unlikely	4.3%	4
Neutral	7.5%	7
Likely	33.3%	31
Highly Likely	53.8%	50
Undecided	1.1%	1



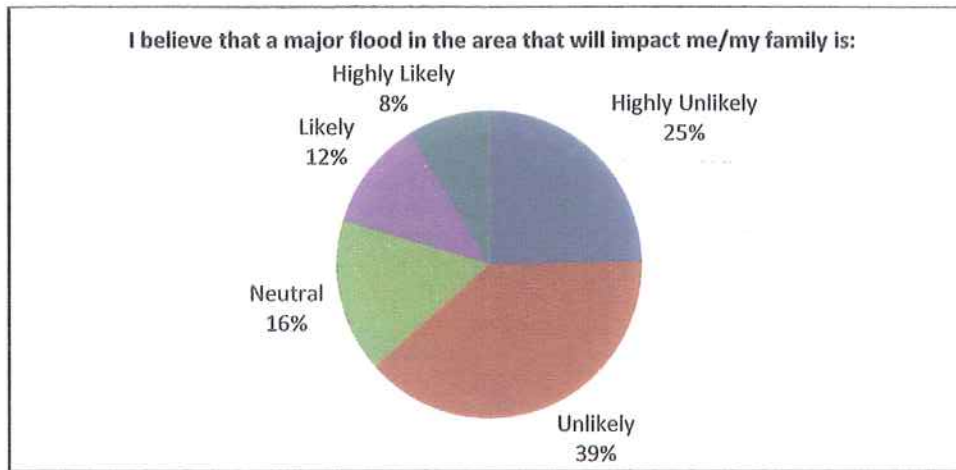
9. I believe that a major wildfire in the area that will impact me/my family is:

Value	Count	Percent
Highly Unlikely	3.20%	3
Unlikely	8.50%	8
Neutral	13.80%	13
Likely	29.80%	28
Highly Likely	44.70%	42
Undecided	0%	0



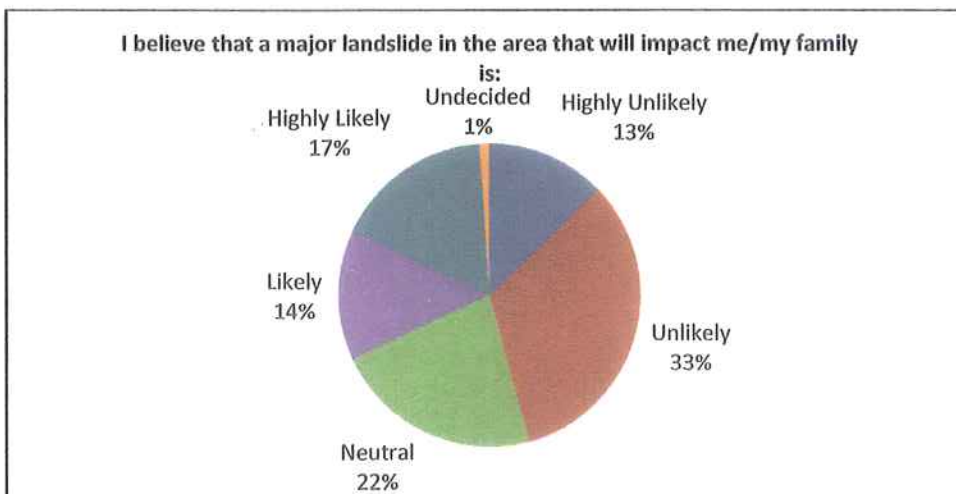
10. I believe that a major flood in the area that will impact me/my family is:

Value	Count	Percent
Highly Unlikely	24.7%	23
Unlikely	38.7%	36
Neutral	16.1%	15
Likely	11.8%	11
Highly Likely	8.6%	8
Undecided	0.0%	0



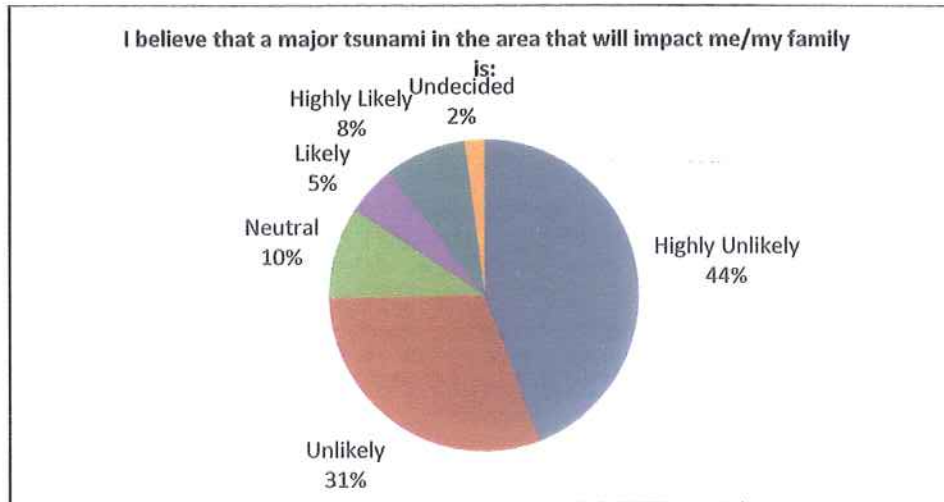
11. I believe that a major landslide in the area that will impact me/my family is:

Value	Count	Percent
Highly Unlikely	12.8%	12
Unlikely	33.0%	31
Neutral	22.3%	21
Likely	13.8%	13
Highly Likely	17.0%	16
Undecided	1.1%	1



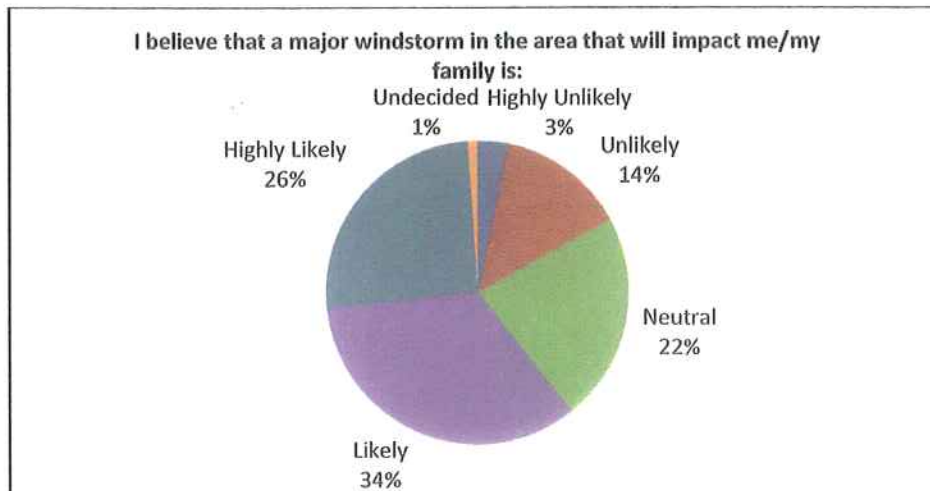
12. I believe that a major tsunami in the area that will impact me/my family is:

Value	Count	Percent
Highly Unlikely	44.2%	42
Unlikely	30.5%	29
Neutral	9.5%	9
Likely	5.3%	5
Highly Likely	8.4%	8
Undecided	2.1%	2



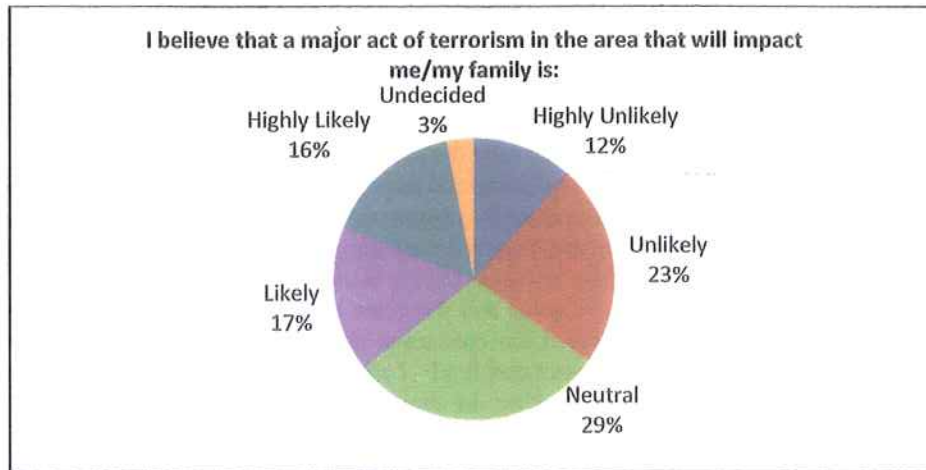
13. I believe that a major windstorm in the area that will impact me/my family is:

Value	Count	Percent
Highly Unlikely	3.2%	3
Unlikely	13.8%	13
Neutral	22.3%	21
Likely	34.0%	32
Highly Likely	25.5%	24
Undecided	1.1%	1



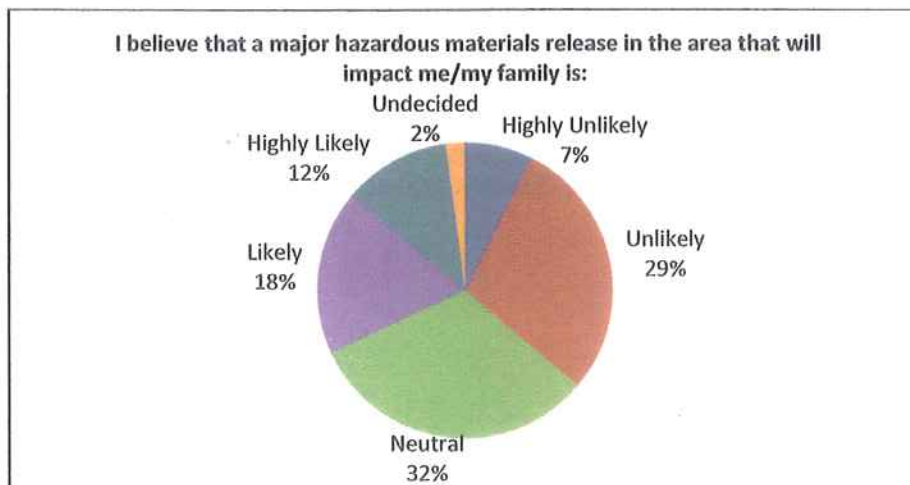
14. I believe that a major act of terrorism in the area that will impact me/my family is:

Value	Count	Percent
Highly Unlikely	11	11.6%
Unlikely	22	23.2%
Neutral	28	29.5%
Likely	16	16.8%
Highly Likely	15	15.8%
Undecided	3	3.2%



15. I believe that a major hazardous materials release in the area that will impact me/my family is:

Value	Count	Percent
Highly Unlikely	7	7.4%
Unlikely	27	28.7%
Neutral	30	31.9%
Likely	17	18.1%
Highly Likely	11	11.7%
Undecided	2	2.1%

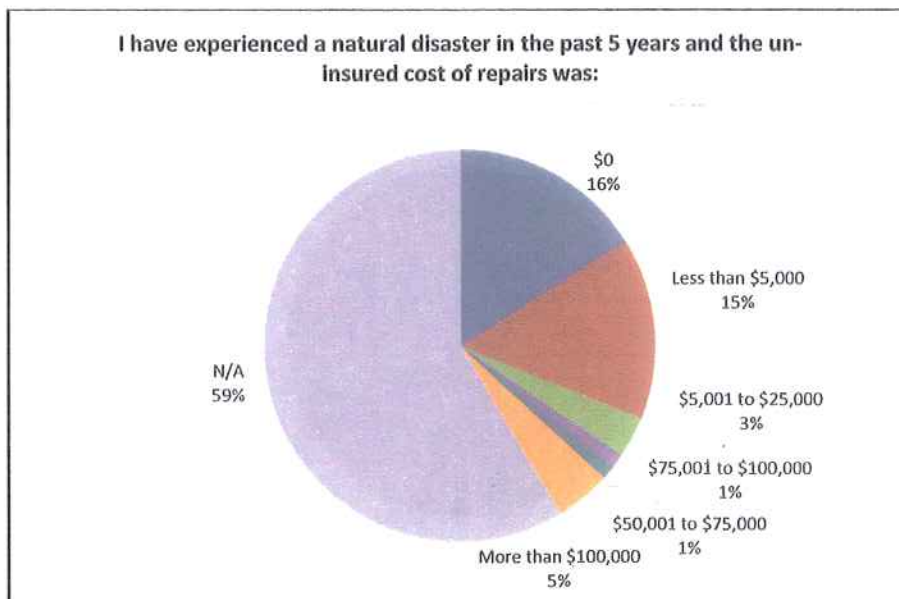


16. List other significant events that you are concerned about.

- The now-established reality that the Los Angeles County Fire Department and Sheriff's Department will be under-manned and not reliable to provide adequate first responder emergency services in this five city area in the event of any major disaster.
- No traffic outlet, due to congestion of narrow roads, etc.
- Fire and Earthquake. However I am more concerned about an earthquake. The state devotes enormous manpower to Fire Fighting. I a confidant I would be warned in time to get out safely. An earthquake. Gives no warning and its effects can be disastrous. A large earthquake could decimate Los Angeles County leaving Agoura and Westlake to fend for ourselves. It's important that we are as prepared as possible as a community. Our large population of retired people commands us to be more responsible than possibly another city. Recent disasters suggest than many People in America were left to fend for themselves for not just days but weeks. Water, daily necessary medication and basic shelter If only a sweatshirt or a blanket is necessary. It really doesn't take much but many don't take the time or effort. We have seen it several times not just earthquakes but disasters. It's comforting and important to be prepared.
- School terrorism and I am not on campus to protect my kids. The kids would be at the mercy of the school staff and whatever training they received on the job. On the job training is not at the level of CERT/DRT trainees. Psychological coping during a disaster is a very significant issue. Teachers/ school staff are likely to panic and therefore be unable to OPTIMALLY care for my two children (and all the children). I am concerned about in home invasion during a disaster: those with weapons in search of water and food. I am concerned that during a disaster, Agoura Fire/Police will be preoccupied surveying the city for damage. Those injured will not receive treatment possibly for days. The hospitals may be without power. The hospitals will be chaotic due to mass over flow of patients.
- Crime and terrorism.
- Serious accidents at the Pacific Coast Highway.
- Fires because this is a high risk area.
- Civil unrest (2 responses).
- Traffic jamming with people moving from place to place.
- I wouldn't say I'm "concerned." My former neighbor when I lived in another town was killed on American Airlines Flight 11 on 9/11. Anything can hit at any time. My big worry is the misconception that if something happens not necessarily in Agoura (Agoura Hills), but in a surrounding area that it won't affect us, but it can and may. The size of an incident, whether it's good old Mother Nature can affect outlying areas even if it's not directly near our home.
- What does concern me is that I was at a disaster meeting and mentioned that some of the medical procedures were wrong and contradictory to our training. A city official said not to worry, that if there was a problem we'd just call 911. The entire point of the training was for when we didn't have 911. When even our city leaders have the mentality that we will always be able to call 911 or that we will never have a disaster so huge that we won't have trouble for days we have a bigger problem than just the incident itself. But we're "politically correct."

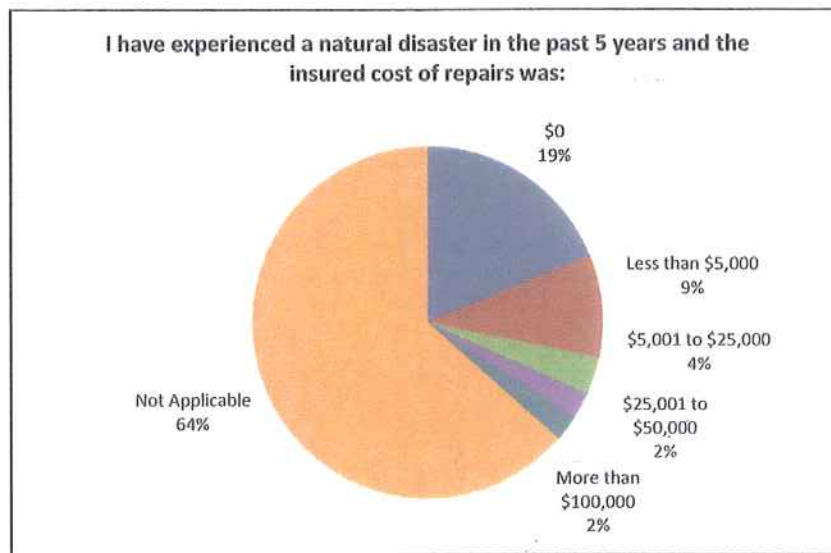
17. I have experienced a natural disaster in the past 5 years and the un-insured cost of repairs was:

Value	Count	Percent
\$0	14	16.1%
Less than \$5,000	13	14.9%
\$5,001 to \$25,000	3	3.4%
\$25,001 to \$50,000	0	0.0%
\$50,001 to \$75,000	1	1.1%
\$75,001 to \$100,000	1	1.1%
More than \$100,000	4	4.6%
N/A	51	58.6%



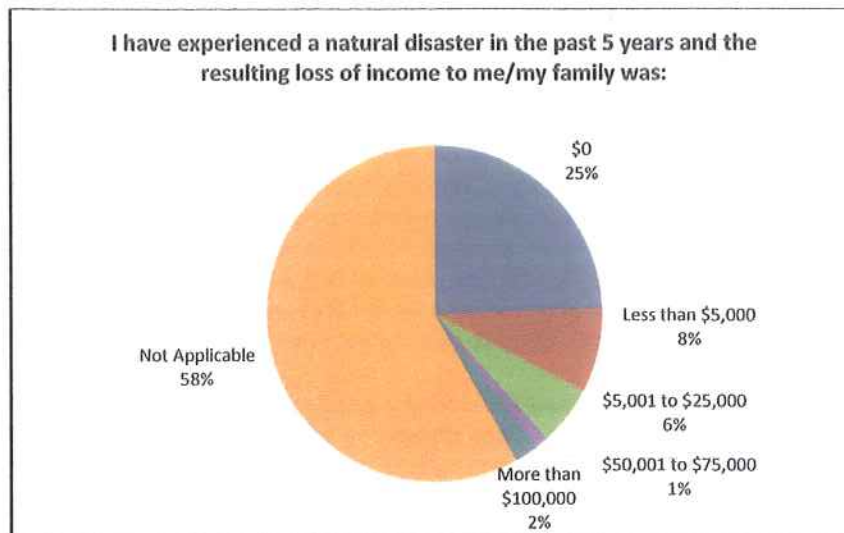
18. I have experienced a natural disaster in the past 5 years and the insured cost of repairs was:

Value	Count	Percent
\$0	18.8%	16
Less than \$5,000	9.4%	8
\$5,001 to \$25,000	3.5%	3
\$25,001 to \$50,000	2.4%	2
\$50,001 to \$75,000	0.0%	0
\$75,001 to \$100,000	0.0%	0
More than \$100,000	2.4%	2
Not Applicable	63.5%	54



19. I have experienced a natural disaster in the past 5 years and the resulting loss of income to me/my family was:

Value	Count	Percent
\$0	24.4%	21
Less than \$5,000	8.1%	7
\$5,001 to \$25,000	5.8%	5
\$25,001 to \$50,000	0.0%	0
\$50,001 to \$75,000	1.2%	1
\$75,001 to \$100,000	0.0%	0
More than \$100,000	2.3%	2
Not Applicable	58.1%	50



20. What actions can local government do to help you become better prepared for disasters?

Training

- Small local weekend events where I can buy everything at a low cost (I don't want to get home and find it cheaper on the Internet), twice a year. From escape ladders to large water 5 gallon bottles and emergency kits. I want an emergency mall. And a journal with emergency plan ideas a space for notes etc.
- FEMA Courses at CDP, TEEX.
- Awareness and Training.
- Provide free seminars, and free instruction, on-site help with disaster volunteers to better prepare and educate our citizens.

Information

- Advertise
- Brochures and newspaper articles on how to prepare.
- Frequent reminders of potential situations and ways homeowners can be better prepared to assure their safety and coping for up to a week or more. I am interested in gathering info about neighbors on my block
- More media coverage about the importance and reality of a major disaster. Get community involved in emergency training and education.
- Have a headline in the local Malibu papers on the subject, explaining risks and how to prepare for them.
- Education, education, education! I think the [second] most likely exacerbation [following the actual disaster itself!] would be generalized panic in the area reducing the ability of local governmental services to reach us, or our physical ability to vacate if necessary.
- Send email reminders / alerts / checklists - have info on the city website (which I know they do already), send mailers - notecard type (on recycled paper) with checklists for residents to fill out so we can keep track of what we still have left to do, and on the other side of the card - list what to do in an earthquake emergency - this should be a keepsake type of notecard so we will post it somewhere in the house so everyone knows what to do. Could also have forms to fill out that we use for our own use with a family plan, supplies checklist, etc. and encourage us to make a copy of this plan for each housekeeper, child, care-giver, family member, etc.

- Make residents aware of local evacuation routes; have reliable information during reverse 911 calls with explanation of how to get additional information.
- Educate
- Get more people interested in being prepared so there won't be mass panic.
- A vast majority of residents basically tune out most pronouncements from any governmental body and/or agency, which is a reality of fact. To overcome that communications gap, the respective cities CERT members (wearing a coordinated appearance of identifiable Personal Protective Clothing) creates a viable organized and functional body of committed volunteer residents, easily recognizable, who, on a neighbor-to-neighbor basis, are able to communicate the importance of becoming better prepared for eventual local disasters. Again, to get the message across for being better prepared, neighbor-to-neighbor interface is more effective than typical government direct marketing.
- Use the city TV channel to advertise that during a disaster, no city services will be available to help citizens for up to several days. They are advised to be prepared to care for their immediate family. Gas/electricity, water may be unavailable for more than a week. Do not "sugar coat" to the public that the city/government will have the resources to care for them immediately following a disaster.
- More advertisements on the TV, radio, more training that the community could participate.
- Keep us aware of what's happening / Keep putting information out.
- Provide an inventory of local resources and how to access them in event of disaster, city of Calabasas; emergency medical treatment, access to water and food, etc.
- Publish a list of disaster services and locations for assistance every week in the local papers and city website.

Community Preparedness

- Join CERT, American Red Cross.
- CERT Training! / Increase the city budgets to support education and the local CERT teams.
- Enlist the residents to become trained in the CERT program and participate actively with their respective city.
- Frequent First Aid and CPR training. Training for general public on disaster preparedness.
- Encourage CERT Training / Continue to encourage CERT classes.
- Support local CERT groups and training.
- Calabasas needs a proactive CERT team like Agoura Hills.
- Take it seriously while still having fun. To be more inclusive and not such a teenage "click" group. People are quitting.
- Allocate more money for Emergency Services i.e., CERT/DRT, Amateur Radio (HAM). Work closer for the Interoperability of the 7 Cities; Agoura Hills, Westlake, Calabasas, Hidden Hills, Oak Park, Malibu, Thousand Oaks.
- Continue to utilize neighborhood coordinators and have neighborhoods work with other surrounding neighborhoods to coordinate education, communication, readiness awareness "drives" and evacuation plans. Have more directed annual readiness checks that are community wide. Have cities support their Emergency Services functions with decent annual budgets.
- Organize neighborhood groups and provide emergency supplies.
- Have the COG cities integrate to back up each other with their participating resident CERT members.
- Help organize the community. Obviously if one were to hit I would gather my family and make sure they were safe. Beyond that I would go door to door to try to help my neighbors. How to do that? How to best help? How to teach a community to take care of its own until help arrives I suppose that is the challenge. Food, shelter, first aid.

- Hold series of neighborhood meetings to help people prepare for disaster. Make available emergency supplies at a discount. Appoint local captains of neighborhoods to have direct information to status of disasters. Explain to those interested what the City is doing to plan for a disaster. Possibly prepare handbook with emergency numbers, disaster preparedness suggestions, resources available and the like.
- Keep encouraging Calabasas HOAs to organize and prepare. Our HOA (Calabasas Village Mobile home) is organized, trained and has supplies to assist our 210 homes...others should, too
- I think they are doing a good job with CERT and DRT.

Mitigation

- Mitigate drainage, clear brush more aggressively. Make vendors Install digital feedback leak prevention devices on all utility connections (gas, water, power) remote on off switches hooked up for off-site control.

Other

- I notice an emergency preparedness locker located at Grape Arbor Park, but have no idea who will open it nor what is contained in it. Therefore, what will it mean for my neighborhood in an emergency? They might let residents know.
- You are doing a great job. I would like to have a resource for someone to consult with to prepare my family and advice about our home safety.
- Increase funding from all cities (serious amounts on a PRIORITY urgency) to provide the Personal Protective Clothing (PPG) that is essential for the performance and individual protection of the CERT resident participants, because in a real disaster, by default, they will become the Emergency Responders. No COG city has provided adequate personal protective clothing for its CERT membership (be it policy and/or low-priority budget commitment) that will be essential for use and personal protection of its resident volunteers in a disaster.
- Keep roads open and evacuations minimal in fires. Declaring (in 2007) an evacuation order for 4 days all the way to Kanan, when the fire was at Malibu Canyon, was an outrage.
- Use incentives like the car insurance companies do: If each adult in the home completes CERT training, they receive a monetary discount on their city taxes. Or as the DMV does: Senior citizens who complete a Safe Senior driving course receive a discount on their car insurance.
- Have local fire and police departments continue to work closely with the citizenry.
- Sheriffs are not prepared. Aside from CERT, they don't care about the average Joe.
- Make sure police and fire departments from outside the area have up to date maps.
- City is well prepared.

SECTION 15. ANNEX D: STEERING COMMITTEE / PLANNING GROUP HMP RISK ASSESSMENT SURVEY

The following Risk Assessment Survey was distributed to determine the relative risks associated with the major hazards identified in the Las Virgenes-Malibu Council of Governments area. The information was used to prioritize the threats to the region. Each hazard was rated in terms of probability (i.e. likelihood of occurrence), magnitude/severity, warning time, and duration. Ratings range from 1 (low) to 4 (high). The components of the formula are:

Category	Degree of Risk			Weighting Factor
	Level ID	Description	Value	
Probability	Unlikely	<ul style="list-style-type: none"> • Extremely rare with no documented history of occurrences or events. • Annual probability of less than 0.001. 	1	45%
	Possibly	<ul style="list-style-type: none"> • Rare occurrences with at least one documented or anecdotal historic event. • Annual probability that is between 0.01 and 0.001. 	2	
	Likely	<ul style="list-style-type: none"> • Occasional occurrences with at least two or more documented historic events. • Annual probability that is between 0.1 and 0.01. 	3	
	Highly Likely	<ul style="list-style-type: none"> • Frequent events with a well-documented history of occurrence. • Annual probability that is greater than 0.1. 	4	
Magnitude/ Severity	Negligible	<ul style="list-style-type: none"> • Negligible property damages (less than 5% of critical and non-critical facilities and infrastructure). • Injuries or illnesses are treatable with first aid and there are no deaths. • Negligible quality of life lost. • Shut down of critical facilities for less than 24 hours. 	1	30%
	Limited	<ul style="list-style-type: none"> • Slight property damages (greater than 5% and less than 25% of critical and non-critical facilities and infrastructure). • Injuries or illnesses do not result in permanent disability and there are no deaths. • Moderate quality of life lost. • Shut down of critical facilities for more than 1 day and less than 1 week. 	2	
	Critical	<ul style="list-style-type: none"> • Moderate property damages (greater than 25% and less than 50% of critical and non-critical facilities and infrastructure). • Injuries or illnesses result in permanent disability and at least one death. • Shut down of critical facilities for more than 1 week and less than 1 month. 	3	
	Catastrophic	<ul style="list-style-type: none"> • Severe property damages (greater than 50% of critical and non-critical facilities and infrastructure). • Injuries or illnesses result in permanent disability and multiple deaths. • Shut down of critical facilities for more than 1 month. 	4	
Warning Time	Less than 6 hrs	Self-explanatory.	4	15%
	6 to 12 hrs	Self-explanatory.	3	
	12 to 24 hrs	Self-explanatory.	2	
	More than 24 hrs	Self-explanatory.	1	
Duration	Less than 6 hrs	Self-explanatory.	1	10%
	Less than 24 hrs	Self-explanatory.	2	
	Less than one wk	Self-explanatory.	3	
	More than one wk	Self-explanatory.	4	

The final risk levels were estimated using the following equation and weighting scale:

$\text{Risk} = (0.45 \times \text{Probability}) + (0.30 \times \text{Magnitude/Severity}) + (0.15 \times \text{Warning Time}) + (0.10 \times \text{Duration})$
--

For the Las Virgenes-Malibu Council of Governments Region, the following estimates were developed. The final risk scores are shown in order of priority.

Hazard	Probability	Magnitude or Severity	Warning Time	Duration	Risk
Major Earthquake (M6.0 and above)	1.46	0.68	0.60	0.38	3.11
Wildfire	1.46	0.53	0.53	0.23	2.74
Windstorm	1.20	0.40	0.50	0.30	2.40
Landslide	0.75	0.50	0.60	0.37	2.22
Terrorism	0.60	0.60	0.60	0.27	2.07
Flood	0.68	0.38	0.30	0.23	1.58

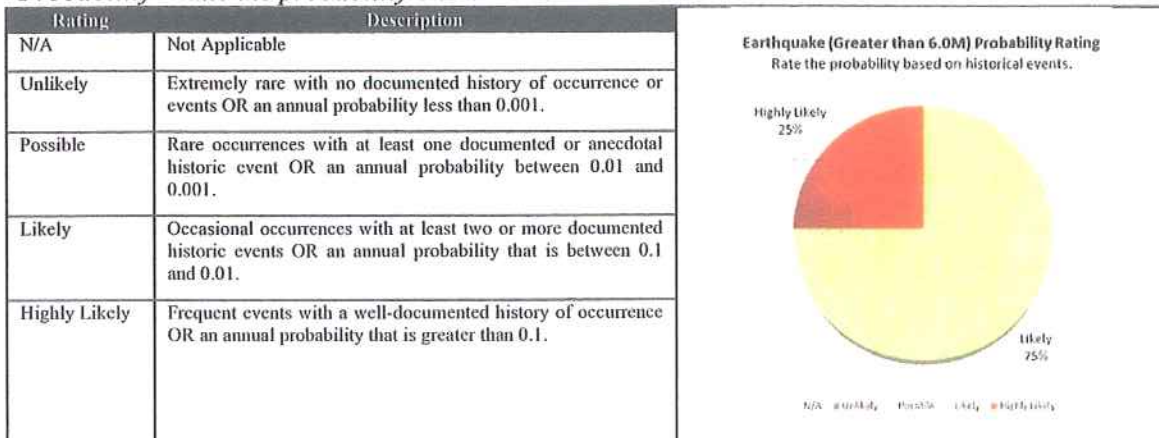
Table 129: Risk Ratings

Risk Assessment Survey Results

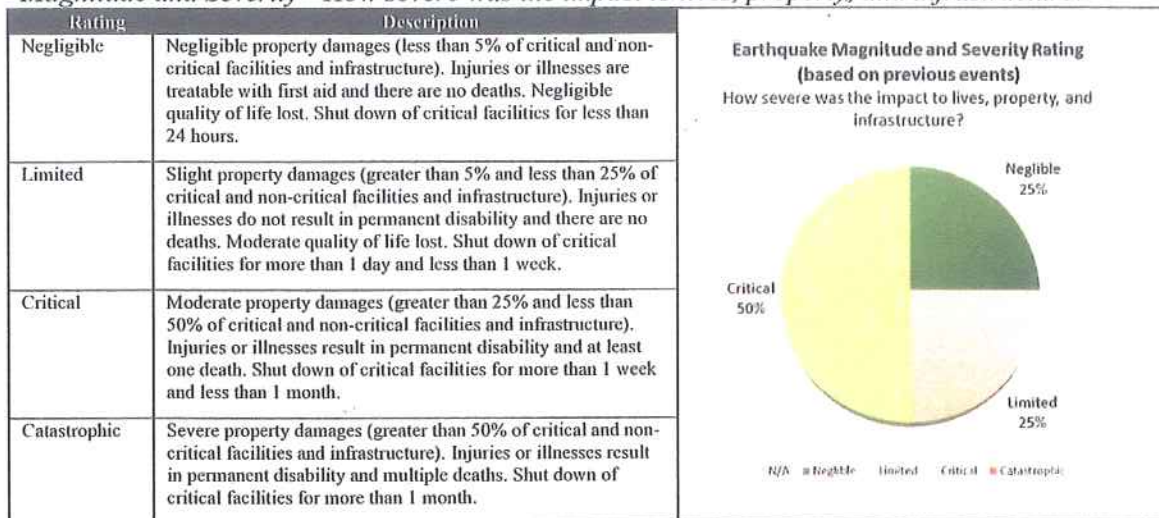
The following tables provide the results from the Risk Assessment Survey for the Las Virgenes-Malibu Council of Governments region. Each section of the survey describes a hazard, risks, consequences, and rating summary (Note: Zero values are omitted).

Earthquake (Greater than Magnitude 6.0)

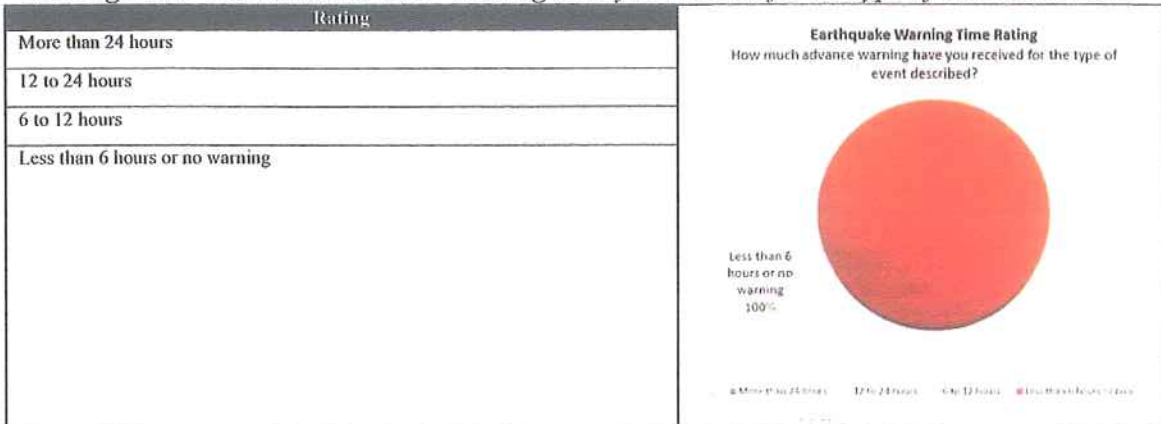
Probability - Rate the probability based on historical events.



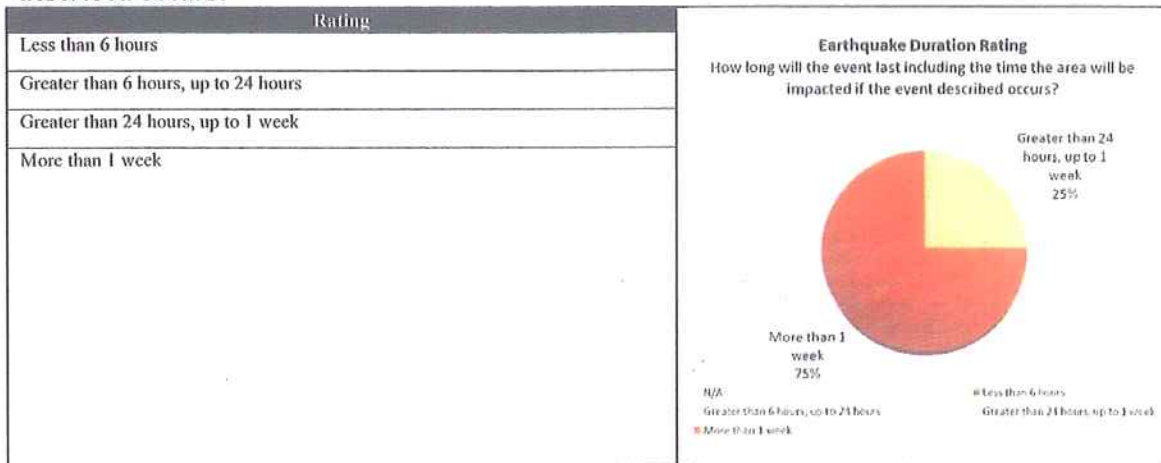
Magnitude and Severity - How severe was the impact to lives, property, and infrastructure?



Warning Time - How much advance warning have you received for the type of event described?



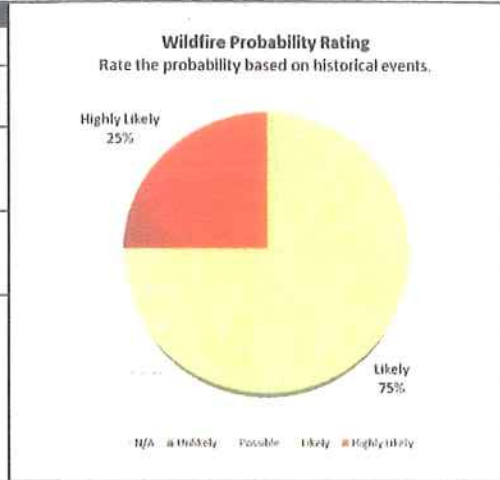
Duration - How long will the event last including the time the area will be impacted if the event described occurs?



Wildfire

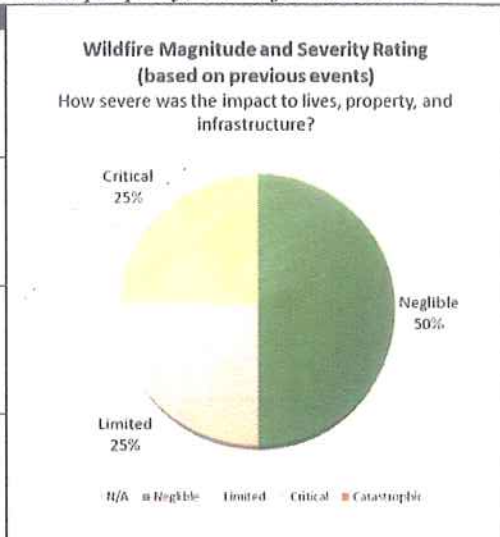
Probability - Rate the probability based on historical events.

Rating	Description
N/A	Not Applicable
Unlikely	Extremely rare with no documented history of occurrence or events OR an annual probability less than 0.001.
Possible	Rare occurrences with at least one documented or anecdotal historic event OR an annual probability between 0.01 and 0.001.
Likely	Occasional occurrences with at least two or more documented historic events OR an annual probability that is between 0.1 and 0.01.
Highly Likely	Frequent events with a well-documented history of occurrence OR an annual probability that is greater than 0.1.

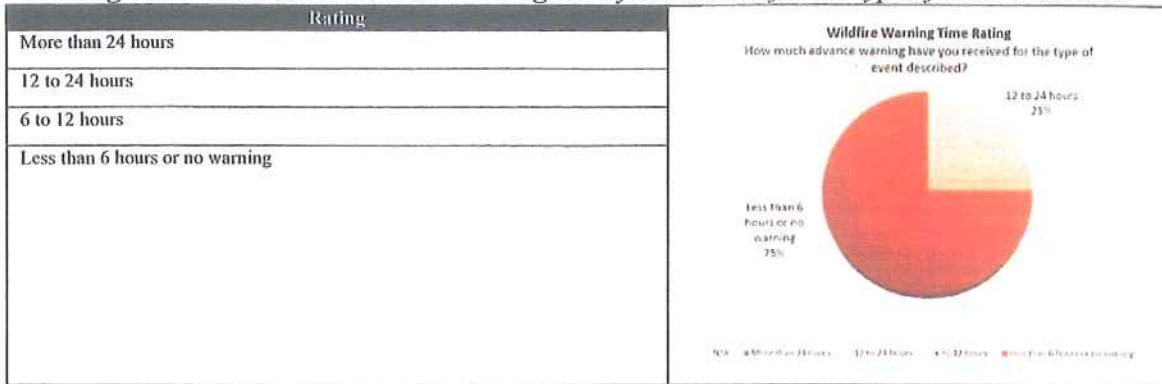


Magnitude and Severity - How severe was the impact to lives, property, and infrastructure?

Rating	Description
Negligible	Negligible property damages (less than 5% of critical and non-critical facilities and infrastructure). Injuries or illnesses are treatable with first aid and there are no deaths. Negligible quality of life lost. Shut down of critical facilities for less than 24 hours.
Limited	Slight property damages (greater than 5% and less than 25% of critical and non-critical facilities and infrastructure). Injuries or illnesses do not result in permanent disability and there are no deaths. Moderate quality of life lost. Shut down of critical facilities for more than 1 day and less than 1 week.
Critical	Moderate property damages (greater than 25% and less than 50% of critical and non-critical facilities and infrastructure). Injuries or illnesses result in permanent disability and at least one death. Shut down of critical facilities for more than 1 week and less than 1 month.
Catastrophic	Severe property damages (greater than 50% of critical and non-critical facilities and infrastructure). Injuries or illnesses result in permanent disability and multiple deaths. Shut down of critical facilities for more than 1 month.



Warning Time - How much advance warning have you received for the type of event described?



Duration - How long will the event last including the time the area will be impacted if the event described occurs?

