

Local Mitigation Plan Review Tool

Cover Page

The Local Mitigation Plan Review Tool (PRT) demonstrates how the local mitigation plan meets the regulation in 44 CFR § 201.6 and offers states and FEMA Mitigation Planners an opportunity to provide feedback to the local governments, including special districts.

1. The Multi-Jurisdictional Summary Sheet is a worksheet that is used to document how each jurisdiction met the requirements of the plan elements (Planning Process; Risk Assessment; Mitigation Strategy; Plan Maintenance; Plan Update; and Plan Adoption).
2. The Plan Review Checklist summarizes FEMA’s evaluation of whether the plan has addressed all requirements.

For greater clarification of the elements in the Plan Review Checklist, please see Section 4 of this guide. Definitions of the terms and phrases used in the PRT can be found in Appendix E of this guide.

| Plan Information | |
|-------------------------------|--------------------------------------------|
| Jurisdiction(s) | City of Carson |
| Title of Plan | City of Carson Hazard Mitigation Plan 2024 |
| New Plan or Update | Update |
| Single- or Multi-Jurisdiction | Single-jurisdiction |
| Date of Plan | 12/24/2024 |
| Local Point of Contact | |
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| Review Information | |
|-----------------------------------------|----------------------------------------------------|
| State Review | |
| State Reviewer(s) and Title | Jody Newton, Community Planner |
| State Review Date | First review 7/16/2024 Second review 12/13/2024 |
| FEMA Review | |
| FEMA Reviewer(s) and Title | Avery M Frank, Community Planner |
| Date Received in FEMA Region | 12/24/2024 |
| Plan Not Approved | Click or tap to enter a date. |
| Plan Approvable Pending Adoption | 1/27/2025 |
| Plan Approved | Click or tap to enter a date. |

Plan Review Checklist

The Plan Review Checklist is completed by FEMA. States and local governments are encouraged, but not required, to use the PRT as a checklist to ensure all requirements have been met prior to submitting the plan for review and approval. The purpose of the checklist is to identify the location of relevant or applicable content in the plan by element/sub-element and to determine if each requirement has been “met” or “not met.” FEMA completes the “required revisions” summary at the bottom of each element to clearly explain the revisions that are required for plan approval. Required revisions must be explained for each plan sub-element that is “not met.” Sub-elements in each summary should be referenced using the appropriate numbers (A1, B3, etc.), where applicable. Requirements for each element and sub-element are described in detail in Section 4: Local Plan Requirements of this guide.

Plan updates must include information from the current planning process.

If some elements of the plan do not require an update, due to minimal or no changes between updates, the plan must document the reasons for that.

Multi-jurisdictional elements must cover information unique to all participating jurisdictions.

Element A: Planning Process

| Element A Requirements | Location in Plan (section and/or page number) | Met / Not Met |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| A1. Does the plan document the planning process, including how it was prepared and who was involved in the process for each jurisdiction? (Requirement 44 CFR § 201.6(c)(1)) | | |
| A1-a. Does the plan document how the plan was prepared, including the schedule or time frame and activities that made up the plan’s development, as well as who was involved? | Activities: - Section 2 Planning Process Schedule: - Pg. 9-10 Who: - Table 2 Hazard Mitigation Planning Team Members - Appendix A | Met |

| Element A Requirements | Location in Plan (section and/or page number) | Met / Not Met |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <p>A1-b. Does the plan list the jurisdiction(s) participating in the plan that seek approval, and describe how they participated in the planning process?</p> | <p>Jurisdiction:</p> <ul style="list-style-type: none"> - Section 2 Planning Process | <p>Met</p> |
| <p>A2. Does the plan document 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? (Requirement 44 CFR § 201.6(b)(2))</p> | | |
| <p>A2-a. Does the plan identify all stakeholders involved or given an opportunity to be involved in the planning process, and how each stakeholder was presented with this opportunity?</p> <ul style="list-style-type: none"> - Local and regional agencies - Agencies that can regulate development - Neighboring communities - Business, academia, and other private orgs - Non-profit and community-based orgs | <p>Stakeholders:</p> <ul style="list-style-type: none"> - Table 3 Community Stakeholders by Group <p>How:</p> <ul style="list-style-type: none"> - Pg. 15 | <p>Met</p> |
| <p>A3. Does the plan document how the public was involved in the planning process during the drafting stage and prior to plan approval? (Requirement 44 CFR § 201.6(b)(1))</p> | | |
| <p>A3-a. Does the plan document how the public was given the opportunity to be involved in the planning process and how their feedback was included in the plan?</p> | <p>Public participation:</p> <ul style="list-style-type: none"> - Section C Public Participation <p>How:</p> <ul style="list-style-type: none"> - Pg. 13 | <p>Met</p> |
| <p>A4. Does the plan describe the review and incorporation of existing plans, studies, reports, and technical information? (Requirement 44 CFR § 201.6(b)(3))</p> | | |
| <p>A4-a. Does the plan document what existing plans, studies, reports and technical information were reviewed for the development of the plan, as well as how they were incorporated into the document?</p> | <p>Existing information:</p> <ul style="list-style-type: none"> - Pg. 20-21 | <p>Met</p> |

ELEMENT A REQUIRED REVISIONS

Required Revision:

Click or tap here to enter text.

Element B: Risk Assessment

| Element B Requirements | Location in Plan (section and/or page number) | Met / Not Met |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <p>B1. Does the plan include a description of the type, location, and extent of all natural hazards that can affect the jurisdiction? Does the plan also include information on previous occurrences of hazard events and on the probability of future hazard events? (Requirement 44 CFR § 201.6(c)(2)(i))</p> | | |
| <p>B1-a. Does the plan describe all natural hazards that can affect the jurisdiction(s) in the planning area, and does it provide the rationale if omitting any natural hazards that are commonly recognized to affect the jurisdiction(s) in the planning area?</p> | <p>Natural hazards:</p> <ul style="list-style-type: none"> - Table 8 Hazard Profile Descriptions <p>Omission:</p> <ul style="list-style-type: none"> - N/A | <p>Met</p> |
| <p>B1-b. Does the plan include information on the location of each identified hazard?</p> | <p>Drought:</p> <ul style="list-style-type: none"> - Pg. 62 <p>Earthquake:</p> <ul style="list-style-type: none"> - Pg. 79 - Figure 23 <p>Extreme heat:</p> <ul style="list-style-type: none"> - Pg. 122 <p>Extreme cold:</p> <ul style="list-style-type: none"> - Pg. 142 | <p>Met</p> |

| Element B Requirements | Location in Plan (section and/or page number) | Met / Not Met |
|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| | Flood: - Figure 56 Hail: - Pg. 185 High winds: - Pg. 195 Hurricane: - Pg. 208 Landslide: - Pg. 237 Land subsidence: - Pg. 247 Severe storm: - Pg. 273 Tornado: - Pg. 284 Tsunami: - Pg. 298 Wildfire: - Pg. 320 | |
| B1-c. Does the plan describe the extent for each identified hazard? | Drought: | Met |

| Element B Requirements | Location in Plan (section and/or page number) | Met / Not Met |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| | <ul style="list-style-type: none"> - Pg. 64-66 <p>Earthquake:</p> <ul style="list-style-type: none"> - Pg. 80-85 <p>Extreme heat:</p> <ul style="list-style-type: none"> - Pg. 122-129 <p>Extreme cold:</p> <ul style="list-style-type: none"> - Pg. 142-145 <p>Flood:</p> <ul style="list-style-type: none"> - Pg. 156-161 <p>Hail:</p> <ul style="list-style-type: none"> - Pg. 185-186 <p>High winds:</p> <ul style="list-style-type: none"> - Pg. 195-196 <p>Hurricane:</p> <ul style="list-style-type: none"> - Pg. 209-210 <p>Landslide:</p> <ul style="list-style-type: none"> - Pg. 238-240 <p>Subsidence:</p> <ul style="list-style-type: none"> - Pg. 247-248 <p>Severe storm:</p> <ul style="list-style-type: none"> - Pg. 273-276 | |

| Element B Requirements | Location in Plan (section and/or page number) | Met / Not Met |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| | <p>Tornado:</p> <ul style="list-style-type: none"> - Pg. 285-287 <p>Tsunami:</p> <ul style="list-style-type: none"> - Pg. 298-300 <p>Wildfire:</p> <ul style="list-style-type: none"> - Pg. 320-324 | |
| <p>B1-d. Does the plan include the history of previous hazard events for each identified hazard?</p> | <p>Historic occurrences:</p> <ul style="list-style-type: none"> - Table 9-10 | <p>Met</p> |
| <p>B1-e. Does the plan include the probability of future events for each identified hazard? Does the plan describe the effects of future conditions, including climate change (e.g., long-term weather patterns, average temperature and sea levels), on the type, location and range of anticipated intensities of identified hazards?</p> | <p>Methodology:</p> <ul style="list-style-type: none"> - Table 101 <p>Drought:</p> <ul style="list-style-type: none"> - Pg. 70-71 <p>Earthquake:</p> <ul style="list-style-type: none"> - Pg. 89-90 <p>Extreme heat:</p> <ul style="list-style-type: none"> - Pg. 131-132 <p>Extreme cold:</p> <ul style="list-style-type: none"> - Pg. 147 <p>Flood:</p> <ul style="list-style-type: none"> - Pg. 163 <p>Hail:</p> | <p>Met</p> |

| Element B Requirements | Location in Plan (section and/or page number) | Met / Not Met |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| | <p>- Pg. 189</p> <p>High winds:</p> <p>- Pg. 201</p> <p>Hurricane:</p> <p>- Pg. 213-214</p> <p>Landslide:</p> <p>- Pg. 242</p> <p>Subsidence:</p> <p>- Pg. 249</p> <p>Severe storm:</p> <p>- Pg. 278-279</p> <p>Tornado:</p> <p>- Pg. 290</p> <p>Tsunami:</p> <p>- Pg. 302</p> <p>Wildfire:</p> <p>- Pg. 326</p> | |
| <p>B1-f. For participating jurisdictions in a multi-jurisdictional plan, does the plan describe any hazards that are unique to and/or vary from those affecting the overall planning area?</p> | <p>N/A</p> | <p>N/A</p> |
| <p>B2. Does the plan include a summary of the jurisdiction’s vulnerability and the impacts on the community from the identified hazards? Does this summary also address NFIP-insured structures that have been repetitively damaged by floods? (Requirement 44 CFR § 201.6(c)(2)(ii))</p> | | |

| Element B Requirements | Location in Plan (section and/or page number) | Met / Not Met |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <p>B2-a. Does the plan provide an overall summary of each jurisdiction’s vulnerability to the identified hazards?</p> <ul style="list-style-type: none"> - People - Structures - Systems - Resources - Activities | <p>Overall Vulnerability:</p> <ul style="list-style-type: none"> - Section t) Hazard Vulnerability Summary <p>Drought:</p> <ul style="list-style-type: none"> - Pg. 72-78 <p>Earthquake:</p> <ul style="list-style-type: none"> - Pg. 93-119 <p>Extreme heat:</p> <ul style="list-style-type: none"> - Pg. 134-139 <p>Extreme cold:</p> <ul style="list-style-type: none"> - Pg. 148-152 <p>Flood:</p> <ul style="list-style-type: none"> - Pg. 170-183 <p>Hail:</p> <ul style="list-style-type: none"> - Pg. 189-192 <p>High winds:</p> <ul style="list-style-type: none"> - Pg. 202-207 <p>Hurricane:</p> <ul style="list-style-type: none"> - Pg. 215-218 <p>Landslide:</p> <ul style="list-style-type: none"> - Pg. 242-244 | <p>Met</p> |

| Element B Requirements | Location in Plan (section and/or page number) | Met / Not Met |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| | Subsidence: - Pg. 249-251 Severe storm: - Pg. 279-283 Tornado: - Pg. 291-296 Tsunami: - Pg. 303-308 Wildfire: - Pg. 327-333 | |
| B2-b. For each participating jurisdiction, does the plan describe the potential impacts of each of the identified hazards on each participating jurisdiction? - Climate change - Changes in population patterns - Changes in land use and development | Drought: - Pg. 72-78 Earthquake: - Pg. 93-119 Extreme heat: - Pg. 134-139 Extreme cold: - Pg. 148-152 Flood: - Pg. 170-183 Hail: | Met |

| Element B Requirements | Location in Plan (section and/or page number) | Met / Not Met |
|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| | - Pg. 189-192 High winds: - Pg. 202-207 Hurricane: - Pg. 215-218 Landslide: - Pg. 242-244 Subsidence: - Pg. 249-251 Severe storm: - Pg. 279-283 Tornado: - Pg. 291-296 Tsunami: - Pg. 303-308 Wildfire: - Pg. 327-333 | |
| B2-c. Does the plan address NFIP-insured structures within each jurisdiction that have been repetitively damaged by floods? | Repetitive loss: - Pg. 169-170 | Met |

ELEMENT B REQUIRED REVISIONS

Required Revision:
Click or tap here to enter text.

Element C: Mitigation Strategy

| Element C Requirements | Location in Plan (section and/or page number) | Met / Not Met |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| C1. Does the plan document each participant’s existing authorities, policies, programs and resources and its ability to expand on and improve these existing policies and programs? (Requirement 44 CFR § 201.6(c)(3)) | | |
| C1-a. Does the plan describe how the existing capabilities of each participant are available to support the mitigation strategy? Does this include a discussion of the existing building codes and land use and development ordinances or regulations? | Existing capabilities: - Pg. 390-406 Building codes: - Pg. 401 | Met |
| C1-b. Does the plan describe each participant’s ability to expand and improve the identified capabilities to achieve mitigation? | Expand or improve: - Pg. 406 | Met |
| C2. Does the plan address each jurisdiction’s participation in the NFIP and continued compliance with NFIP requirements, as appropriate? (Requirement 44 CFR § 201.6(c)(3)(ii)) | | |
| C2-a. Does the plan contain a narrative description or a table/list of their participation activities? | Adoption of NFIP: - Pg. 165 Adoption of FIRM: - Pg. 165 Implementation: - Pg. 165 Designee: - Pg. 165 Substantial damage/improvement: - Pg. 170 | Met |
| C3. Does the plan include goals to reduce/avoid long-term vulnerabilities to the identified hazards? (Requirement 44 CFR § 201.6(c)(3)(i)) | | |
| C3-a. Does the plan include goals to reduce the risk from the hazards identified in the plan? | Goals: - Pg. 356-357 | Met |
| C4. Does the plan identify and analyze a comprehensive range of specific mitigation actions and projects for each jurisdiction being considered to reduce the effects of hazards, with | | |

| Element C Requirements | Location in Plan (section and/or page number) | Met / Not Met |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------|
| emphasis on new and existing buildings and infrastructure? (Requirement 44 CFR § 201.6(c)(3)(ii)) | | |
| C4-a. Does the plan include an analysis of a comprehensive range of actions/projects that each jurisdiction considered to reduce the impacts of hazards identified in the risk assessment? | Comprehensive range of actions: - Pg. 357-382 | Met |
| C4-b. Does the plan include one or more action(s) per jurisdiction for each of the hazards as identified within the plan's risk assessment? | Actions: - Pg. 357-382 | Met |
| C5. Does the plan contain an action plan that describes how the actions identified will be prioritized (including a cost-benefit review), implemented, and administered by each jurisdiction? (Requirement 44 CFR § 201.6(c)(3)(iv)); (Requirement §201.6(c)(3)(iii)) | | |
| C5-a. Does the plan describe the criteria used for prioritizing actions? | Prioritization: - Pg. 359 | Met |
| C5-b. Does the plan provide the position, office, department or agency responsible for implementing/administrating the identified mitigation actions, as well as potential funding sources and expected time frame? | Responsible party: - Pg. 357-382 Funding: - Pg. 357-382 | Met |
| ELEMENT C REQUIRED REVISIONS | | |
| Required Revision: Click or tap here to enter text. | | |

Element D: Plan Maintenance

| Element D Requirements | Location in Plan (section and/or page number) | Met / Not Met |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------|
| D1. Is there discussion of how each community will continue public participation in the plan maintenance process? (Requirement 44 CFR § 201.6(c)(4)(iii)) | | |
| D1-a. Does the plan describe how communities will continue to seek future public participation after the plan has been approved? | Future participation: - Pg. 407 | Met |

| Element D Requirements | Location in Plan (section and/or page number) | Met / Not Met |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------|
| D2. Is there a description of the method and schedule for keeping the plan current (monitoring, evaluating and updating the mitigation plan within a five-year cycle)? (Requirement 44 CFR § 201.6(c)(4)(i)) | | |
| D2-a. Does the plan describe the process that will be followed to track the progress/status of the mitigation actions identified within the Mitigation Strategy, along with when this process will occur and who will be responsible for the process? | Progress/status: - Pg. 408-409 - | Met |
| D2-b. Does the plan describe the process that will be followed to evaluate the plan for effectiveness? This process must identify the criteria that will be used to evaluate the information in the plan, along with when this process will occur and who will be responsible. | Effectiveness: - Pg. 408-409 | Met |
| D2-c. Does the plan describe the process that will be followed to update the plan, along with when this process will occur and who will be responsible for the process? | Update: - Pg. 408-409 | Met |
| D3. Does the plan describe a process by which each community will integrate the requirements of the mitigation plan into other planning mechanisms, such as comprehensive or capital improvement plans, when appropriate? (Requirement 44 CFR § 201.6(c)(4)(ii)) | | |
| D3-a. Does the plan describe the process the community will follow to integrate the ideas, information and strategy of the mitigation plan into other planning mechanisms? | Integration: - Pg. 392 | Met |
| D3-b. Does the plan identify the planning mechanisms for each plan participant into which the ideas, information and strategy from the mitigation plan may be integrated? | Mechanisms: - Pg. 392-399 | Met |
| D3-c. For multi-jurisdictional plans, does the plan describe each participant's individual process for integrating information from the mitigation strategy into their identified planning mechanisms? | N/A | N/A |
| ELEMENT D REQUIRED REVISIONS | | |
| Required Revision: Click or tap here to enter text. | | |

Element E: Plan Update

| Element E Requirements | Location in Plan (section and/or page number) | Met / Not Met |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------|
| E1. Was the plan revised to reflect changes in development? (Requirement 44 CFR § 201.6(d)(3)) | | |
| E1-a. Does the plan describe the changes in development that have occurred in hazard-prone areas that have increased or decreased each community’s vulnerability since the previous plan was approved? | Changes in development: - Table 120 | Met |
| E2. Was the plan revised to reflect changes in priorities and progress in local mitigation efforts? (Requirement 44 CFR § 201.6(d)(3)) | | |
| E2-a. Does the plan describe how it was revised due to changes in community priorities? | Changes in priorities: - Pg. 9 | Met |
| E2-b. Does the plan include a status update for all mitigation actions identified in the previous mitigation plan? | Status of previous actions: - Table 122 | Met |
| E2-c. Does the plan describe how jurisdictions integrated the mitigation plan, when appropriate, into other planning mechanisms? | Previous integration: - Pg. 392 | Met |
| ELEMENT E REQUIRED REVISIONS | | |
| Required Revision: Click or tap here to enter text. | | |

Element F: Plan Adoption

| Element F Requirements | Location in Plan (section and/or page number) | Met / Not Met |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------|
| F1. For single-jurisdictional plans, has the governing body of the jurisdiction formally adopted the plan to be eligible for certain FEMA assistance? (Requirement 44 CFR § 201.6(c)(5)) | | |

| Element F Requirements | Location in Plan (section and/or page number) | Met / Not Met |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------|
| F1-a. Does the participant include documentation of adoption? | Plan is under review | Not Met |
| F2. For multi-jurisdictional plans, has the governing body of each jurisdiction officially adopted the plan to be eligible for certain FEMA assistance? (Requirement 44 CFR § 201.6(c)(5)) | | |
| F2-a. Did each participant adopt the plan and provide documentation of that adoption? | Click or tap here to enter text. | Choose an item. |
| ELEMENT F REQUIRED REVISIONS | | |
| <p>Required Revision:</p> <p>F1-a: After receiving official approvable pending adoption correspondence from the FEMA Region 9 Office please send a signed adoption resolution to FEMA-R9-MITIGATION-PLANNING fema-r9-mitigation-planning@fema.dhs.gov for final plan approval.</p> | | |

Element G: High Hazard Potential Dams (Optional)

| HHPD Requirements | Location in Plan (section and/or page number) | Met / Not Met |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------|
| HHPD1. Did the plan describe the incorporation of existing plans, studies, reports and technical information for HHPDs? | | |
| HHPD1-a. Does the plan describe how the local government worked with local dam owners and/or the state dam safety agency? | Click or tap here to enter text. | Choose an item. |
| HHPD1-b. Does the plan incorporate information shared by the state and/or local dam owners? | Click or tap here to enter text. | Choose an item. |
| HHPD2. Did the plan address HHPDs in the risk assessment? | | |
| HHPD2-a. Does the plan describe the risks and vulnerabilities to and from HHPDs? | Click or tap here to enter text. | Choose an item. |
| HHPD2-b. Does the plan document the limitations and describe how to address deficiencies? | Click or tap here to enter text. | Choose an item. |

| HHPD Requirements | Location in Plan (section and/or page number) | Met / Not Met |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------|
| HHPD3. Did the plan include mitigation goals to reduce long-term vulnerabilities from HHPDs? | | |
| HHPD3-a. Does the plan address how to reduce vulnerabilities to and from HHPDs as part of its own goals or with other long-term strategies? | Click or tap here to enter text. | Choose an item. |
| HHPD3-b. Does the plan link proposed actions to reducing long-term vulnerabilities that are consistent with its goals? | Click or tap here to enter text. | Choose an item. |
| HHPD4-a. Did the plan include actions that address HHPDs and prioritize mitigation actions to reduce vulnerabilities from HHPDs? | | |
| HHPD4-a. Does the plan describe specific actions to address HHPDs? | Click or tap here to enter text. | Choose an item. |
| HHPD4-b. Does the plan describe the criteria used to prioritize actions related to HHPDs? | Click or tap here to enter text. | Choose an item. |
| HHPD4-c. Does the plan identify the position, office, department or agency responsible for implementing and administering the action to mitigate hazards to or from HHPDs? | Click or tap here to enter text. | Choose an item. |
| HHPD Required Revisions | | |
| Required Revision: Click or tap here to enter text. | | |

Element H: Additional State Requirements (Optional)

| Element H Requirements | Location in Plan (section and/or page number) | Met / Not Met |
|------------------------------------------------------------------------|--------------------------------------------------|------------------|
| This space is for the State to include additional requirements. | | |
| Click or tap here to enter text. | Click or tap here to enter text. | Choose an item. |

Plan Assessment

These comments can be used to help guide your annual/regularly scheduled updates and the next plan update.

Element A. Planning Process

Strengths

- Table 1 Barriers to Equitable Outreach is a useful tool for understanding the challenges that exist and creating helpful solutions. For example, the table discusses hosting meetings in accessible locations or providing transportation vouchers to make attendance less of a burden. This table helps to strengthen the plan by documenting solutions to challenges that may arise in future plan updates.
- Table 3 Community Stakeholders by Group helps to strengthen the plan by including a column that identifies the stakeholder type based on the 5 stakeholder categories found in [the FEMA Local Planning Policy Guide](#).
- The plan documents a well thought out public engagement strategy that is backed by peer reviewed research. The plan acknowledges that no public outreach strategy is perfect but the virtual engagement method the planning team chose worked well for their community. Additionally, the plan documents encouraging survey participation by offering a \$50 Amazon gift card to randomly selected participants.
- The plan documents numerous existing plans, studies, and reports that were incorporated into the development of the plan. This includes both data sources and peer reviewed research articles. For example, the plan noted Disaster Racism, Using Black Sociology, Critical Race Theory and History to Understand Racial Disparity to Disaster in the United States, October 2021 which demonstrates a commitment to incorporating equity into the City of Carson's planning process.

Opportunities for Improvement

- [insert comments]

Element B. Risk Assessment

Strengths

- The plan includes a tree cover map which helps to further illustrate areas within the City of Carson that are at an increased risk of extreme heat. This helps to strengthen the plan by analyzing extreme heat occurrences through both temperature and the physical environment.
- The plan includes a description of each flood zone with potential inundation depths where appropriate. This helps to strengthen the plan by providing additional context as to the anticipated range of intensities for a flood event.
- The plan includes general descriptors (likely, highly likely, etc.) for probability along with the methodology used to determine these categories. The plan additionally includes a narrative that further expands upon these descriptions and considers climate change factors. This helps to

strengthen the plan by providing additional context as well as climate change considerations for assessing the probability of future hazard events.

- The plan provides an example of how drought conditions have negatively impacted underserved/vulnerable communities in the City of Carson. This example helps to strengthen the plan by providing additional context as to how hazards affect communities disproportionately and provides the rationale for targeted mitigation actions in certain neighborhoods or areas within the City of Carson.
- The plan effectively summarized the HAZUS data to provide a narrative of potential impacts. This helps to strengthen the plan by taking vital data and making it easily accessible to the public.
- Figure 57 CITY OF CARSON FLOOD HAZARD AREAS (2021) & CDC SOCIAL VULNERABILITY INDEX (2020) is a useful tool for analyzing the social vulnerability of neighborhoods impacted by potential flooding. This tool helps to strengthen the plan by providing a visual component to the risk analysis that helps with reader comprehension and interpretation of the data.

Opportunities for Improvement

- The plan documents each natural hazard as affecting the entirety of the planning area with no specific location information provided for the majority of hazards. Although this meets the minimum requirement it can be strengthened to increase the overall understanding of how each potential hazard interacts with the planning area.

For instance, there are free maps available for hazards such as landslide and subsidence provided by USGS that indicate there are very specific areas within the planning area that are susceptible to these hazards.

If the planning team feels all hazards pose an equal threat to the planning area, consider including a rational or additional data in future plan updates to support this determination. Additionally in future plan updates consider analyzing specific areas that are at a higher risk for a hazard event. Consider using tools such as:

- [California Tsunami Maps](#)
- [Subsiding Areas in California | USGS California Water Science Center](#)
- [U.S. Landslide Inventory and Susceptibility](#)
- [Wildland Urban Interface: 2020 \(Map Service\) | U.S. Forest Service - Geospatial Data Discovery](#)
- [U.S. Quaternary Faults](#)
- [Map | National Risk Index](#)

- Consider in future plan updates building upon the successful practice of including scientific scales to express extent by relating those scale back to the planning area. For example, the plan uses several scientific scales to express the full range of intensities that could be experienced in an extreme heat event. The plan could be strengthened by including the anticipated range of intensities that the City of Carson could experience in an extreme heat event. The Heat Index that is provided in the plan contains temperatures that are higher than what would realistically be

expected in the City of Carson which is why it is important to relate this information back to the planning area.

- In future plan updates consider building upon the successful practice of conducting a vulnerability and impact analysis by providing additional details that are specific to the City of Carson. The plan can be enhanced by including an asset inventory of the critical infrastructure, lifelines, and other assets within the community. The asset inventory can be specific to each hazard or overall for the planning area. [Google My Maps](#) is a free tool that can be very useful when conducting asset mapping for your community if GIS capabilities are limited. An asset inventory helps to strengthen the plan by providing specific details as to the people and places most at risk.

Additionally, the plan can be strengthened by adding more details about changes in population patterns and land use and development trends. The plan discusses these topics, but they can be expanded upon by noting any major development projects that are occurring or scheduled to occur, any changes in population patterns such as where people are moving to or moving from within the city, and how these changes are affecting the impacts from a potential hazard event.

Element C. Mitigation Strategy

Strengths

- The plan includes a comprehensive range of actions that shows consideration for the risk analysis. For example, several of the natural hazards in the vulnerabilities and impacts analysis were ranked as low due impart to a changing climate and forward thinking acknowledging these hazards are not an issue now but will be in the future. Mitigation actions for many of these hazards are captured in thoughtful multi-hazard activities that seek to educate the community and build partnerships where appropriate to mitigate future risk.

Opportunities for Improvement

- [insert comments]

Element D. Plan Maintenance

Strengths

- The plan documents a continued public involvement process that includes various opportunities for engagement. These include Senior Preparedness events, All Hazard Community Training, Fire Safety Training, School presentations- and virtual solicitation via social media. This is an effective strategy for socializing the plan and ensuring the public has a continued opportunity to engage with the plan over its lifecycle.
- The plan acknowledges challenges with plan integration in the past and creates a strategy for future plan integration. This helps to strengthen the plan by improving and building upon the resources and capabilities available to the City of Carson.

Opportunities for Improvement

- Consider in future plan updates building upon the successful practice of evaluating the plan for effectiveness by including more details about the criteria used for this evaluation. This will help to strengthen the plan by documenting the iterative process that is occurring during the 5-year update cycle.

Element E. Plan Update

Strengths

- [insert comments]

Opportunities for Improvement

- [insert comments]

Element G. HHPD Requirements (Optional)

Strengths

- [insert comments]

Opportunities for Improvement

- [insert comments]

Element H. Additional State Requirements (Optional)

Strengths

- [insert comments]

Opportunities for Improvement

- [insert comments]