# PLANNING AREA PROFILE AND CAPABILITIES

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## County A Planning Area Profile

The intent of this section is to provide an overview profile of the entire planning area for the multi-jurisdictional plan. Provide one map (**Figure 2.1**) of the County planning area that includes the cities. Provide another map showing where the county is located in the State.

1. Maps of County A

[Insert Maps Here]

Provide the following information in narrative form, reference: <https://data.census.gov/>

* Population of County A as of the most recent census data. The latest annual population estimates are preferred; but latest 5-year American Community Survey data can also be used
* Percentage population growth since 2010 as compared to the statewide and national population growth.
* County median household income and percentage growth since 2010, as compared to statewide and national figures from the latest 5-year American Community Survey data.
* County median house value percentage growth since 2010 compared to state and national figures from the latest 5-year American Community Survey data.

### Geography, Geology and Topography

Provide a general description of the planning area geography, geology, and topography; include the number of square miles of land area and square miles of water area. Describe the soils, rocks, hills, plains, lakes, rivers, streams.

Describe whether the planning area is mostly rural or urban, or a mixture of both, with the primary land use. If there are urban centers, describe them, and summarize generally any areas of growth or population decline.

List watersheds included in the planning area, and any communities located therein. Provide map of watersheds if possible.

Sources of Data:

* FEMA Flood Insurance Study (if recent). This can be accessed from the FEMA Flood Map Service Center, <https://msc.fema.gov/portal>
* Environmental Protection Agency Website for watershed details, <https://www.epa.gov/waterdata/hows-my-waterway>
* NRCS Soil Survey, <https://websoilsurvey.nrcs.usda.gov/>

### Climate

Use National Weather Service (NWS) data and describe the general climate, with average annual temperature, average high in July and average low in January. Give the annual precipitation average and average annual inches of snow. Some sources of data for a general description include the following websites:

* FEMA Flood Insurance Study (if recent). This can be accessed from the FEMA Flood Map Service Center, <https://msc.fema.gov/portal>
* High Plains Regional Climate Center, <http://climod.unl.edu/>
* Midwestern Regional Climate Center, <https://mrcc.purdue.edu/>
* Missouri Historical Agricultural Weather Database, University of Missouri Extension, <http://agebb.missouri.edu/weather/history/index.asp>

### Population/Demographics

Insert a table **(Table 2.1)** providing the populations for each city, village, and the unincorporated county for 2010, 2020, and latest population estimates or American Community Survey with the number and percentage change. The unincorporated area population can be estimated by subtracting the populations of the incorporated areas from the overall county population. If some of the communities straddle the county line, the plan should include information concerning the fact that the unincorporated county population data will not be completely accurate since portions of some of the incorporated areas overlap into adjacent counties.

1. County A Population 2010-2020 by Jurisdiction

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Jurisdiction** | **2010 Population** | **2020 Population** | **20XX Annual Population Estimate or ACS Population** | **# Change  (2010-20XX)** | **% Change  (2010-20XX)** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

Source: U.S. Bureau of the Census, Decennial Census, annual population estimates/ 5-Year American Community Survey 20XX; \*population includes the portions of these cities in adjacent counties

Based on the latest American Community Survey 5-year estimates, discuss the percentage of county population that is under age 5 and percentage of the population over age 65, and compare with statewide and national percentages. Set forth the number of households in the county, and compare the average household size with statewide and national figures.

If the vulnerability analysis data in Chapter 3 is sourced from the 2023 State Plan, it will include Social Vulnerability Index (SoVI ®) information from the Hazards and Vulnerability Research Institute at the University of South Carolina. For this reason, information about this index should be set forth here. Here is sample language:

The University of South Carolina developed an index to evaluate and rank the ability to respond to, cope with, recover from, and adapt to disasters. The index synthesizes 29 socioeconomic variables which research literature suggests contribute to reduction in a community’s ability to prepare for, respond to, and recover from hazards. SoVI ® data sources include primarily those from the United States Census Bureau.

Use the following websites SoVI ® for the planning area:

* <http://artsandsciences.sc.edu/geog/hvri/sovi%C2%AE-0>

You will need the State (29) and County (varies) FIPs code and include information about what the number means. For example, a low number means that the county is more resilient to hazard events, and a high number means that the county is less resilient. There is also SoVI ® information and a county-by-county comparison in the 2023 State Plan.

[Insert](#_bookmark14) a table **(Table 2.2)** providing additional demographic and economic indicators for the County from the latest American Community Survey 5-year estimates.

1. Unemployment, Poverty, Education, and Language Percentage Demographics,   
   County A, Missouri

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Jurisdiction** | **Total in Labor Force** | **Percent of Population Unemployed** | **Percent of Families Below the Poverty Level** | **Percentage of Population (High School graduate)** | **Percentage of Population (Bachelor’s degree or higher)** | **Percentage of population with spoken language other than English** |
| County A |  |  |  |  |  |  |
| City A |  |  |  |  |  |  |
| City B |  |  |  |  |  |  |
| City C |  |  |  |  |  |  |
| State |  |  |  |  |  |  |
| Nation |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

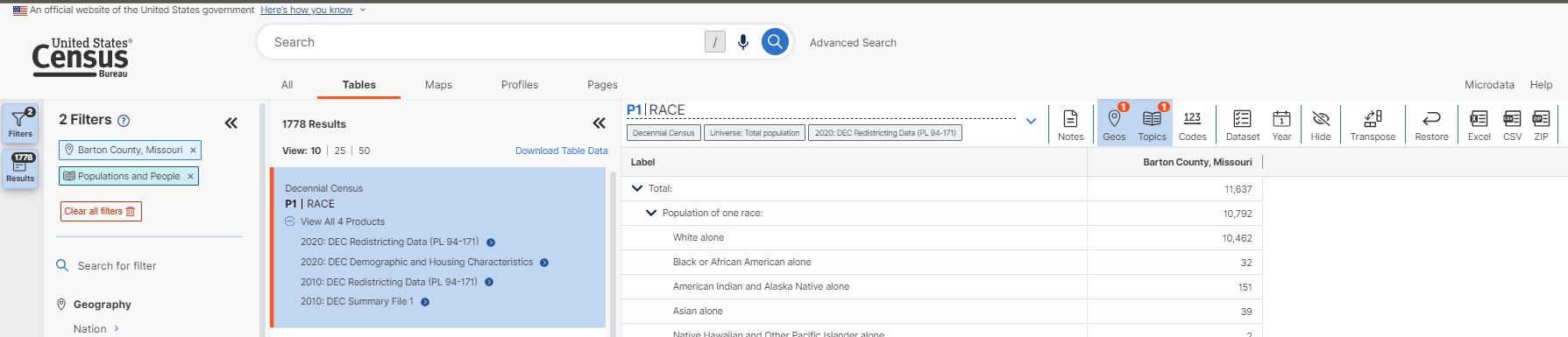
Source: U.S. Census, 20XX American Community Survey, 5-year Estimates.

Population/Demographics Sources:

* + U.S. Census Bureau, <https://data.census.gov/>

On the United States Census Bureau website, first click in the search bar under **Explore Census Data**. Select “Use Advanced Search…” Select all geographies for which you want data. First click County>, and then Missouri>, and then check the box for the relevant county. This will return results for all of the cities in the county.

Under “Topics”, narrow down your search to the specific tables you want to download. For example, under Populations and People>, you can select Population Change and Components>, then check the box for Populations and People. After clicking [Search], a list of Tables, Maps, and Profiles are the returned result. Clicking on any of the results will allow you to download datasets using the Excel, CSV and ZIP icons on the top left of the results window, as shown below.

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### History

Include a brief history of the county and its communities, as well as the special districts and school districts. A useful source for this type of information is the county’s website or the website of the historical society/board.

### Occupations

Insert a table **(Table 2.3)** with occupation statistics for the incorporated cities and the county, as a whole. Use percentages rather than actual numbers of employees so that comparisons can be made between communities.

1. Occupation Statistics, County A, Missouri

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Place** | **Management, Business, Science, and Arts Occupations** | **Service Occupations** | **Sales and Office Occupations** | **Natural Resources, Construction, and Maintenance Occupations** | **Production, Transportation, and Material Moving Occupations** |
| County A |  |  |  |  |  |
| City A |  |  |  |  |  |
| City B |  |  |  |  |  |
| City C |  |  |  |  |  |

Source: U.S. Census, 20XX American Community Survey, 5-year Estimates.

This information comes from the American Community Survey 5-year estimates that can be accessed through the US Census Bureau website. See details above.

### Agriculture

Use the websites listed below to determine the number of farms, total acreage and other county level figures for farms. Give data on the top crops, the average farm size compared to other counties, average sales per farm, total number of farm jobs, and what percentage that is of the total workforce.

* USDA Census of Agriculture, 2017 <https://www.nass.usda.gov/Publications/AgCensus/2017/index.php>
* Missouri Census Data Center, <https://mcdc.missouri.edu/>
* University of Missouri Extension, <https://extension.missouri.edu/find-your-interest/agriculture-and-environment>
* National Agricultural Statistics Service Census of Agriculture, <http://www.agcensus.usda.gov/index.php>

### FEMA Hazard Mitigation Assistance (HMA) Grants in Planning Area

Give total dollar figure for previous FEMA Hazard Mitigation Assistance (HMA) Grants in the planning area. Insert a table organized by project type. For information see:

* <https://www.fema.gov/openfema-dataset-hazard-mitigation-assistance-projects-v1>

Click on “Data Sets”, scroll down to **Hazard Mitigation**, and then select the link for Dataset Name: Hazard Mitigation Assistance Mitigated Properties – V3. On that page, scroll down to **Full Data**, and then select the “Link to csv”.

This is raw, unedited data from NEMIS and is subject to a small percentage of human error. This information should be validated by MPC participants and/or the State Hazard Mitigation Officer.

1. FEMA HMA Grants in County A from 1993-20XX

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Disaster Declaration** | **Project Type** | **Sub-Grantee** | **Date Approved** | **Project Total** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **Total** |  |  |  |  |

Source: Federal Emergency Management Agency, Date

### FEMA Public Assistance (PA) Grants in Planning Area

Give total dollar figure for previous FEMA Public Assistance (PA) Grants in the planning area. Insert a table organized by project type. For information see the following two data sources:

* Public Assistance Project Details  
  <https://www.fema.gov/openfema-dataset-public-assistance-funded-projects-details-v1>
* Applicant Identification  
  <https://www.fema.gov/openfema-dataset-public-assistance-applicants-v1>

Click on “Data Sets”, scroll down to **Hazard Mitigation**, and then select the link for Dataset Name: Hazard Mitigation Assistance Mitigated Properties – V3. On that page, scroll down to **Full Data**, and then select the “Link to csv”. Utilize the applicant identification file to define the specific applicant in the project detail file. This is raw, unedited data from NEMIS and is subject to a small percentage of human error. This information should be validated by MPC participants and/or the State Hazard Mitigation Officer.

1. FEMA PA Grants in County A from 1993-20XX

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Disaster Declaration** | **Project Type** | **Project Size** | **Applicant** | **Project Total** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **Total** |  |  |  |  |

Source: Federal Emergency Management Agency, Date

## Jurisdictional Profiles and Mitigation Capabilities3, 7, and 8

This section will include individual profiles for each participating jurisdiction. It will also include a discussion of previous mitigation initiatives and ongoing mitigation capabilities in the planning area. There will be a summary table indicating specific capabilities of each jurisdiction that relate to their ability to implement mitigation opportunities. The unincorporated county is profiled first, followed by the incorporated communities, special districts, and school districts.

### Unincorporated County A

Define the jurisdiction of County A as one that includes all unincorporated areas within the County boundaries. Describe the County government structure (Board of Commissioners? Presiding Commissioner?) List the different departments of the county, such as:

* Board of Supervisors or Board of Commissioners
* Community, Family & Youth Services
* Conservation Board
* County Assessor
* County Attorney
* County Auditor
* County Recorder
* County Sheriff
* County Treasurer
* Emergency Management
* General Services
* Health Department
* Health Services
* Human Resources
* Information Technology
* Medical Examiner
* Public Works
* Veteran’s Affairs
* County Zoning Administrator

#### Mitigation Initiatives/Capabilities3, 7, and 8

Discuss staff capabilities of the community, such as a public works director, city attorney, city clerk, parks and recreation director, code enforcement officer, zoning administrator, etc.

Describe the roles and responsibilities of the County Emergency Management Department. Include information about Local Emergency Management Plans. Include information about additional initiatives/capabilities such as watershed improvement projects, outdoor warning sirens, and other hazard warning systems.

Describe the ability of each participant to expand on and improve the capabilities described. If the participants do not have the ability or authority to expand and/or improve their capabilities, the plan **must** describe this lack of ability or authority. Gaps and limitations for each participant may be addressed as actions in the mitigation strategy, which may be referenced here as appropriate.

Insert a table **(Table 2.6)** for the unincorporated county based on data that have been collected by distribution of the Data Collection Questionnaire to each of the participating communities. For documents, such as the Comprehensive Plan, give dates. Building codes and land use ordinances **must** be addressed.

1. Unincorporated County A Mitigation Capabilities

|  |  |
| --- | --- |
| **Capabilities** | **Status, *Including Date of Document or Policy*** |
| **Planning Capabilities** | |
| Comprehensive Plan |  |
| Builder's Plan |  |
| Capital Improvement Plan |  |
| City Emergency Operations Plan |  |
| County Emergency Operations Plan |  |
| Local Recovery Plan |  |
| County Recovery Plan |  |
| City Mitigation Plan |  |
| County Mitigation Plan |  |
| Debris Management Plan |  |
| Economic Development Plan |  |
| Transportation Plan |  |
| Land-use Plan |  |
| Flood Mitigation Assistance (FMA) Plan |  |
| Watershed Plan |  |
| Firewise or other fire mitigation plan |  |
| School Mitigation Plan |  |
| Critical Facilities Plan (Mitigation/Response/Recovery) |  |
| **Policies/Ordinance** | |
| Zoning Ordinance |  |
| Building Code |  |
| Floodplain Ordinance |  |
| Subdivision Ordinance |  |
| Tree Trimming Ordinance |  |
| Nuisance Ordinance |  |
| Stormwater Ordinance |  |
| Drainage Ordinance |  |
| Site Plan Review Requirements |  |
| Historic Preservation Ordinance |  |
| Landscape Ordinance |  |
| Seismic Construction Ordinance |  |
| **Program** | |
| Zoning/Land Use Restrictions |  |
| Codes Building Site/Design |  |
| Hazard Awareness Program |  |
| National Flood Insurance Program (NFIP) |  |
| NFIP Community Rating System  (CRS) program |  |
| National Weather Service (NWS) Storm Ready |  |
| Firewise Community Certification |  |
| Building Code Effectiveness Grading (BCEGs) |  |
| ISO Fire Rating |  |

|  |  |
| --- | --- |
| **Capabilities** | **Status, *Including Date of Document or Policy*** |
| Economic Development Program |  |
| Land Use Program |  |
| Public Education/Awareness |  |
| Property Acquisition |  |
| Planning/Zoning Boards |  |
| Stream Maintenance Program |  |
| Tree Trimming Program |  |
| Engineering Studies for Streams (Local/County/Regional) |  |
| Mutual Aid Agreements |  |
| **Studies/Reports/Maps** | |
| Hazard Analysis/Risk Assessment (Local) |  |
| Hazard Analysis/Risk Assessment (County) |  |
| Flood Insurance Maps |  |
| FEMA Flood Insurance Study (Detailed) |  |
| Evacuation Route Map |  |
| Critical Facilities Inventory |  |
| Vulnerable Population Inventory |  |
| Land Use Map |  |
| **Staff/Department** | |
| Building Code Official |  |
| Building Inspector |  |
| Mapping Specialist (GIS) |  |
| Engineer |  |
| Development Planner |  |
| Public Works Official |  |
| Emergency Management Director |  |
| NFIP Floodplain Administrator |  |
| Emergency Response Team |  |
| Hazardous Materials Expert |  |
| Local Emergency Planning Committee |  |
| County Emergency Management Commission |  |
| Sanitation Department |  |
| Transportation Department |  |
| Economic Development Department |  |
| Housing Department |  |
| Historic Preservation |  |
| **Non-Governmental Organizations (NGOs)** | |
| American Red Cross |  |
| Salvation Army |  |
| Veterans Groups |  |
| Local Environmental Organization |  |
| Homeowner Associations |  |
| Neighborhood Associations |  |
| Chamber of Commerce |  |
| Community Organizations (Lions, Kiwanis, etc.) |  |

|  |  |
| --- | --- |
| **Capabilities** | **Status, *Including Date of Document or Policy*** |
| **Local Funding Availability** | |
| Apply for Community Development Block Grants |  |
| Fund projects through Capital Improvements funding |  |
| Authority to levy taxes for a specific purpose |  |
| Fees for water, sewer, gas, or electric services |  |
| Impact fees for new development |  |
| Ability to incur debt through general obligation bonds |  |
| Ability to incur debt through special tax bonds |  |
| Ability to incur debt through private activities |  |
| Withhold spending in hazard prone areas |  |

Source: Data Collection Questionnaire, Date

### City A

Discuss the general location of the city in the county, Mayor/Council or Board of Alderman, how many elected positions, most recent census population compared to 2010, percentage growth or decline. Include other information such as city departments, as applicable. Discuss each community’s specific mitigation initiatives, such as:

* Outdoor warning sirens - number, general location
* Public education programs
* Bicycle safety programs
* Child safety seat training
* County Health Department media efforts to distribute information on winter storms, heat, health and infectious control awareness
* Storm sewer or erosion control projects
* Tree trimming campaigns to prevent power outages
* Flood protection projects
* Reverse 911
* Safety programs, drills, or exercises

Discuss pertinent demographic information or construction characteristics of the buildings that cause differences in risk among jurisdictions in the planning area. For example, high percentages of older structures, mobile homes or manufactured housing, non-English speaking populations, handicapped citizens, etc.

Insert a table **(Table 2.7)** based on the Data Collection Questionnaire distributed to each jurisdiction3, 7, and 8.

1. City A Mitigation Capabilities

| **Capability** | **Status, *Including Date of Document or Policy*** |
| --- | --- |
| **Planning Capabilities** | |
| Comprehensive Plan |  |
| Builder's Plan |  |
| Capital Improvement Plan |  |
| Local Emergency Plan |  |
| County Emergency Plan |  |
| Local Recovery Plan |  |
| County Recovery Plan |  |
| Local Mitigation Plan |  |
| County Mitigation Plan |  |
| Economic Development Plan |  |
| Transportation Plan |  |
| Land-use Plan |  |
| Flood Mitigation Assistance (FMA) Plan |  |
| Watershed Plan |  |
| Firewise or other fire mitigation plan |  |
| School Mitigation Plan |  |
| Critical Facilities Plan (Mitigation/Response/Recovery) |  |
| **Policies/Ordinance** | |
| Zoning Ordinance |  |
| Building Code |  |
| Floodplain Ordinance |  |
| Subdivision Ordinance |  |
| Tree Trimming Ordinance |  |
| Nuisance Ordinance |  |
| Storm Water Ordinance |  |
| Drainage Ordinance |  |
| Seismic Construction Ordinance |  |
| **Capability** | |
| Site Plan Review Requirements |  |
| Historic Preservation Ordinance |  |
| Landscape Ordinance |  |
| Wetlands and Riparian Areas Conservation Plan |  |
| Debris Management Plan |  |
| **Program** | |
| Zoning/Land Use Restrictions |  |
| Codes Building Site/Design |  |
| National Flood Insurance Program (NFIP) Participant |  |
| NFIP Community Rating System (CRS) Participating Community |  |
| Hazard Awareness Program |  |
| National Weather Service (NWS) Storm Ready |  |
| Building Code Effectiveness Grading (BCEGs) |  |
| ISO Fire Rating |  |
| Economic Development Program |  |
| Land Use Program |  |
| Public Education/Awareness |  |
| Property Acquisition |  |
| Planning/Zoning Boards |  |
| Stream Maintenance Program |  |
| Tree Trimming Program |  |
| Engineering Studies for Streams (Local/County/Regional) |  |
| Mutual Aid Agreements |  |
| **Studies/Reports/Maps** | |
| Hazard Analysis/Risk Assessment (Local) |  |
| Hazard Analysis/Risk Assessment (County) |  |
| Flood Insurance Maps |  |
| FEMA Flood Insurance Study (Detailed) |  |
| Evacuation Route Map |  |
| Critical Facilities Inventory |  |
| Vulnerable Population Inventory |  |
| Land Use Map |  |
| **Staff/Department** | |
| Building Code Official |  |
| Building Inspector |  |
| Mapping Specialist (GIS) |  |
| Engineer |  |
| Development Planner |  |
| Public Works Official |  |
| Emergency Management Coordinator |  |
| NFIP Floodplain Administrator |  |
| Emergency Response Team |  |
| Hazardous Materials Expert |  |
| Local Emergency Planning Committee |  |
| County Emergency Management Commission |  |
| Sanitation Department |  |
| Transportation Department |  |
| Economic Development Department |  |
| Housing Department |  |
| Historic Preservation |  |
| **Non-Governmental Organizations (NGOs)** | |
| American Red Cross |  |
| Salvation Army |  |
| Veterans Groups |  |
| Environmental Organization |  |
| Homeowner Associations |  |
| Neighborhood Associations |  |
| Chamber of Commerce |  |
| Community Organizations (Lions, Kiwanis, etc.) |  |
| **Local Funding Availability** | |
| Ability to apply for Community Development Block Grants |  |
| Ability to fund projects through Capital Improvements funding |  |
| Authority to levy taxes for a specific purpose |  |
| Fees for water, sewer, gas, or electric services |  |
| Impact fees for new development |  |
| Ability to incur debt through general obligation bonds |  |
| Ability to incur debt through special tax bonds |  |
| Ability to incur debt through private activities |  |
| Ability to withhold spending in hazard prone areas |  |

Source: Data Collection Questionnaire, Date

### Summary of Jurisdictional Capabilities3, 7, and 8

Complete the following table to summarize the mitigation capabilities of the County and Unincorporated Communities. For each capability, indicate “yes” or “no”. If relevant, enter the date of the most recent version.

1. Mitigation Capabilities Summary Table

| **CAPABILITIES** | **Uninc. County A** | **City A** |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Planning Capabilities** |  |  |  |  |  |  |  |
| Comprehensive Plan |  |  |  |  |  |  |  |
| Builder's Plan |  |  |  |  |  |  |  |
| Capital Improvement Plan |  |  |  |  |  |  |  |
| Local Emergency Plan |  |  |  |  |  |  |  |
| County Emergency Plan |  |  |  |  |  |  |  |
| Local Recovery Plan |  |  |  |  |  |  |  |
| County Recovery Plan |  |  |  |  |  |  |  |
| Local Mitigation Plan |  |  |  |  |  |  |  |
| County Mitigation Plan |  |  |  |  |  |  |  |
| Debris Management Plan |  |  |  |  |  |  |  |
| Economic Development Plan |  |  |  |  |  |  |  |
| Transportation Plan |  |  |  |  |  |  |  |
| Land-use Plan |  |  |  |  |  |  |  |
| Flood Mitigation Assistance (FMA) Plan |  |  |  |  |  |  |  |
| Watershed Plan |  |  |  |  |  |  |  |
| Firewise or other fire mitigation plan |  |  |  |  |  |  |  |
| School Mitigation Plan |  |  |  |  |  |  |  |
| Critical Facilities Plan (Mitigation/Response/Recovery) |  |  |  |  |  |  |  |
| **Policies/Ordinance** |  |  |  |  |  |  |  |
| Zoning Ordinance |  |  |  |  |  |  |  |
| Building Code |  |  |  |  |  |  |  |
| Floodplain Ordinance |  |  |  |  |  |  |  |
| Subdivision Ordinance |  |  |  |  |  |  |  |
| Tree Trimming Ordinance |  |  |  |  |  |  |  |
| Nuisance Ordinance |  |  |  |  |  |  |  |
| Storm Water Ordinance |  |  |  |  |  |  |  |
| Drainage Ordinance |  |  |  |  |  |  |  |
| Site Plan Review Requirements |  |  |  |  |  |  |  |
| Historic Preservation Ordinance |  |  |  |  |  |  |  |
| Landscape Ordinance |  |  |  |  |  |  |  |
| Seismic Construction Ordinance |  |  |  |  |  |  |  |
| **Program** |  |  |  |  |  |  |  |
| Zoning/Land Use Restrictions |  |  |  |  |  |  |  |
| Codes Building Site/Design |  |  |  |  |  |  |  |
| National Flood Insurance Program (NFIP) Participant |  |  |  |  |  |  |  |
| NFIP Community Rating System (CRS) Participating Community |  |  |  |  |  |  |  |
| Hazard Awareness Program |  |  |  |  |  |  |  |
| National Weather Service (NWS) Storm Ready |  |  |  |  |  |  |  |
| Building Code Effectiveness Grading (BCEGs) |  |  |  |  |  |  |  |
| ISO Fire Rating |  |  |  |  |  |  |  |
| Economic Development Program |  |  |  |  |  |  |  |
| Land Use Program |  |  |  |  |  |  |  |
| Public Education/Awareness |  |  |  |  |  |  |  |
| Property Acquisition |  |  |  |  |  |  |  |
| Planning/Zoning Boards |  |  |  |  |  |  |  |
| Stream Maintenance Program |  |  |  |  |  |  |  |
| Tree Trimming Program |  |  |  |  |  |  |  |
| Engineering Studies for Streams (Local/County/Regional) |  |  |  |  |  |  |  |
| Mutual Aid Agreements |  |  |  |  |  |  |  |
| **Studies/Reports/Maps** |  |  |  |  |  |  |  |
| Hazard Analysis/Risk Assessment (Local) |  |  |  |  |  |  |  |
| Hazard Analysis/Risk Assessment (County) |  |  |  |  |  |  |  |
| Flood Insurance Maps |  |  |  |  |  |  |  |
| FEMA Flood Insurance Study (Detailed) |  |  |  |  |  |  |  |
| Evacuation Route Map |  |  |  |  |  |  |  |
| Critical Facilities Inventory |  |  |  |  |  |  |  |
| Vulnerable Population Inventory |  |  |  |  |  |  |  |
| Land Use Map |  |  |  |  |  |  |  |
| **Staff/Department** |  |  |  |  |  |  |  |
| Building Code Official |  |  |  |  |  |  |  |
| Building Inspector |  |  |  |  |  |  |  |
| Mapping Specialist (GIS) |  |  |  |  |  |  |  |
| Engineer |  |  |  |  |  |  |  |
| Development Planner |  |  |  |  |  |  |  |
| Public Works Official |  |  |  |  |  |  |  |
| Emergency Management Coordinator |  |  |  |  |  |  |  |
| NFIP Floodplain Administrator |  |  |  |  |  |  |  |
| Emergency Response Team |  |  |  |  |  |  |  |
| Hazardous Materials Expert |  |  |  |  |  |  |  |
| Local Emergency Planning Committee |  |  |  |  |  |  |  |
| County Emergency Management Commission |  |  |  |  |  |  |  |
| Sanitation Department |  |  |  |  |  |  |  |
| Transportation Department |  |  |  |  |  |  |  |
| Economic Development Department |  |  |  |  |  |  |  |
| Housing Department |  |  |  |  |  |  |  |
| Historic Preservation |  |  |  |  |  |  |  |
| **Non-Governmental Organizations (NGOs)** |  |  |  |  |  |  |  |
| American Red Cross |  |  |  |  |  |  |  |
| Salvation Army |  |  |  |  |  |  |  |
| Veterans Groups |  |  |  |  |  |  |  |
| Environmental Organization |  |  |  |  |  |  |  |
| Homeowner Associations |  |  |  |  |  |  |  |
| Neighborhood Associations |  |  |  |  |  |  |  |
| Chamber of Commerce |  |  |  |  |  |  |  |
| Community Organizations (Lions, Kiwanis, etc.) |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| **Financial Resources** |  |  |  |  |  |  |  |
| Apply for Community Development Block Grants |  |  |  |  |  |  |  |
| Fund projects through Capital Improvements funding |  |  |  |  |  |  |  |
| Authority to levy taxes for specific purposes |  |  |  |  |  |  |  |
| Fees for water, sewer, gas, or electric services |  |  |  |  |  |  |  |
| Impact fees for new development |  |  |  |  |  |  |  |
| Incur debt through general obligation bonds |  |  |  |  |  |  |  |
| Incur debt through special tax bonds |  |  |  |  |  |  |  |
| Incur debt through private activities |  |  |  |  |  |  |  |
| Withhold spending in hazard prone areas |  |  |  |  |  |  |  |

Source: Data Collection Questionnaire, Date

### Special District

Describe the purpose of the special district, the area it covers, whether or not it is a public entity, how it is governed (Board of Trustees who are appointed or elected). Does it have the power to levy taxes? Who owns it? How is it funded? List the departments, such as:

* Customer Service
* Information Technology
* Human Resources
* Water Distribution and Grounds
* Engineering
* Finance
* Office of the CEO / General Manager
* Water Production

List past or ongoing projects or programs designed to reduce disaster losses, such as a levees or flood walls protecting a portion of the facility. List mitigation-related capabilities such as:

* On-site warning sirens
* Weather radios
* Mutual Aid Agreements in place
* Critical Facilities Inventory
* Engineer on Staff
* Emergency Management Coordinator on Staff
* Ability to fund projects through Capital Improvements Funding
* Fees collected for water services
* Financial Resources from Impact fees for new development
* Ability to withhold spending in hazard prone areas

### School District Profiles and Mitigation Capabilities

Include in this section general information about participating school districts and list the non-participating districts. Provide a map of the school district boundaries**.** Insert a chart providing location and enrollment information for each school district. Insert data limitations language for the school districts that cover more than one county, since the enrollment data is for the entire school district and not just the portion located in the planning area. Insert a table for each school district that includes information about the district obtained in the Data Collection Questionnaire and from <https://dese.mo.gov/school-data>. After going to this website, under “School Data” select “School District Data.” At the top of the page, switch from “At-A-Glance” to “Reports and Resources.” Select “Building List.” Select the identified school districts in the planning area to obtain building names and enrollments. Web based searches will also result in valuable information.

1. School District A Buildings and Enrollment Data, [Insert Date]

|  |  |  |
| --- | --- | --- |
| **District Name** | **Building Name** | **Building Enrolment** |
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Source: <https://dese.mo.gov/school-data>, Date

Also, from the Data Collection Questionnaire, insert tables with the following school district capabilities for hazard mitigation.

1. Summary of Mitigation Capabilities-School District A, B, and C

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Capability** | **School District A** | **School District B** | **School District C** |  |
| **Planning Elements** |  |  |  |  |
| Master Plan/ Date |  |  |  |  |
| Capital Improvement Plan/Date |  |  |  |  |
| School Emergency Plan / Date |  |  |  |  |
| Weapons Policy/Date |  |  |  |  |
| **Personnel Resources** |  |  |  |  |
| Full-Time Building Official (Principal) |  |  |  |  |
| Emergency Manager |  |  |  |  |
| Grant Writer |  |  |  |  |
| Public Information Officer |  |  |  |  |
| **Financial Resources** |  |  |  |  |
| Capital Improvements Project Funding |  |  |  |  |
| Local Funds |  |  |  |  |
| General Obligation Bonds |  |  |  |  |
| Special Tax Bonds |  |  |  |  |
| Private Activities/Donations |  |  |  |  |
| State and Federal Funds/Grants |  |  |  |  |
| **Other** |  |  |  |  |
| Public Education Programs |  |  |  |  |
| Privately or Self- Insured? |  |  |  |  |
| Fire Evacuation Training |  |  |  |  |
| Tornado Sheltering Exercises |  |  |  |  |
| Public Address/Emergency Alert System |  |  |  |  |
| NOAA Weather Radios |  |  |  |  |
| Lock-Down Security Training |  |  |  |  |
| Mitigation Programs |  |  |  |  |
| Tornado Shelter/Saferoom |  |  |  |  |
| Campus Police |  |  |  |  |

Source: Data Collection Questionnaire, Date

## CRS Activity Points

|  |  |
| --- | --- |
| **Community Rating System (CRS) Planning Steps (Activity 510)** | **Local Mitigation Planning Handbook Tasks  (44 CFR Part 201)** |
| Step 4. Assess the hazard | Task 5: Conduct a Risk Assessment  44 CFR 201.6(c)(2)(i) 44 CFR 201.6(c)(2)(ii) & (iii) |
| Step 5. Assess the problem |
| Step 6. Set goals | Task 6: Develop a Mitigation Strategy  44 CFR 201.6(c)(3)(i); 44 CFR 201.6(c)(3)(ii); and  44 CFR 201.6(c)(3)(iii) |
| **Step 7. Review possible activities** |
| Step 8. Draft an action plan |
| Step 9. Adopt the plan | Task 8: Review and Adopt the Plan |
| Step 10. Implement, evaluate, revise | Task 7: Keep the Plan Current |
| Task 9: Create a Safe and Resilient Community  44 CFR 201.6(c)(4) |

Chapter 2 *Planning Area Profile and Capabilities* assists the community and mitigation planner in identifying the background information necessary to review possible mitigation actions and draft the action plan. CRS items of note include:

**3. Coordinate. (max: 35) – Fully presented in Template Document for Chapter 1**

1. 5 points - If the planning includes a review of existing studies, reports, and technical information and of the community’s needs, goals, and plans for the area. (REQUIRED) Where the information from the existing studies and reports is used in the plan, the source(s) should be referenced.

Direction for meeting this CRS activity was presented in Section 1.4.2 *Step 3: Coordinate with Other Departments and Agencies and Incorporate Existing Information*. Presentation of the identified studies, reports, and technical information should be included in Section 2.2 *Jurisdictional Profiles and Mitigation Capabilities*.

**7. Review possible activities. (max: 35) – Fully presented in Template Document for Chapter 4**

The review of possible activities must include a discussion on the community’s capability to fund and implement each activity. The background information collected during the development of the community profiles will assist in this review discussion.

**8. Draft an action plan. (max: 60) – Fully presented in Template Document for   
Chapter 4**

For each recommended action, the planning committee must identify: (1) Who is responsible for implementation; (2) When it will be done; and (3) How it will be funded. The background information collected during the development of the community profiles will assist in completing these individual action plans.