



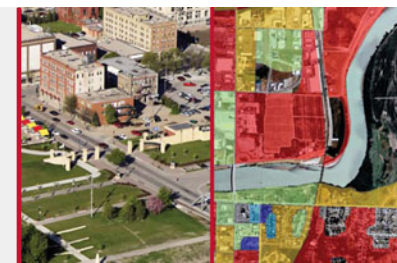
FEMA

MPP R1.1 - Community Layer Integration – Release Scope and Changes

7/13/2015

RiskMAP

Increasing Resilience Together



General Information

Release Date: Weekend of 7/10/2015

Scope: This release incorporates the FEMA's Community Layer into the MPP:

- With the MPP Community Layer release the MPP switched its source of geography from Census Places Data to the Community Layer Dataset
- The Community Layer Dataset includes both a jurisdiction and a tribal layer
- With the integration, population calculations in the MPP are updated

Adding County Populations

- When entering jurisdiction status information with the release, you must populate the Community field in-order for a population to be included in the “Percentage of Population Covered by Approved or APA Plans” metric shown on the Home Page and in the Reporting System
- There are no “county-wide” selections in the Community field, so you must select individual incorporated communities for their populations to be counted. To include the population of any unincorporated area of a county, you must select the county name, available in the Community field. If you wish for the entire population of a county to be counted, you must add all records available in the Community field for the county. Simply entering a county in the County field will not include its population

Population Calculation Improvement: “Whole” Population Values

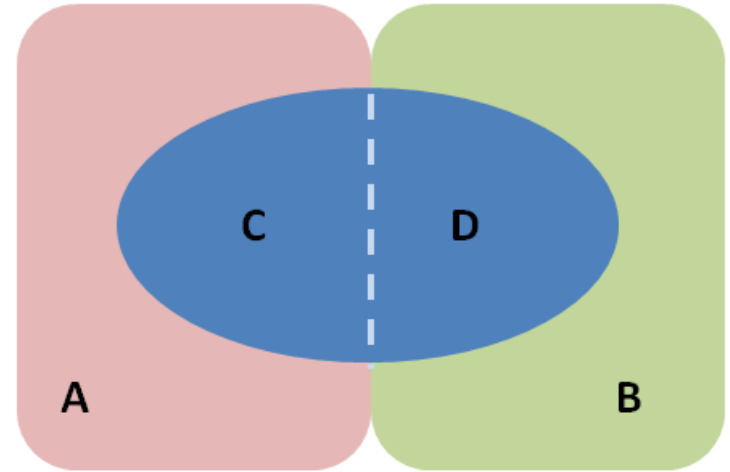
Multi-County Community

Area A – County A

Area B – County B

Area C – Portion of Community 1 in County A

Area D – Portion of Community 1 in County B



Previous State

If I select County A with Community 1, only the population of Area C will be counted



New State

If I select County A with Community 1, the population of Areas C and D will be counted

Population Calculation Improvement: Updated Denominator for Percentage Coverage

The MPP uses the summation of populations within a state or region rather than the straight Census population when calculating the Percent of Population Covered:

Previous State

$$\begin{array}{l} \text{Percent of} \\ \text{Population Covered} \\ \text{[of State/Region] by} \\ \text{Approved and APA} \\ \text{Plans} \end{array} = \frac{\begin{array}{l} \text{Sum of Community} \\ \text{Populations with Approved} \\ \text{or APA Jurisdiction Status} \end{array}}{\begin{array}{l} \text{State/Region Population} \\ \text{[Census Places data]} \end{array}}$$

New State

$$\begin{array}{l} \text{Percent of} \\ \text{Population Covered} \\ \text{[of State/Region] by} \\ \text{Approved and APA} \\ \text{Plans} \end{array} = \frac{\begin{array}{l} \text{Sum of Community} \\ \text{Populations with Approved} \\ \text{or APA Jurisdiction Status} \end{array}}{\begin{array}{l} \text{Sum of Populations of} \\ \text{all Communities in} \\ \text{State/Region} \\ \text{[Community Layer]} \end{array}}$$

Population Calculation Improvement: Canned Reports Improvements

- Population by Jurisdiction Report
 - State Plans list a population of 0
 - Communities only display a population the first time they are listed. Subsequent listings in the report give a population of 0
- Plan Status by State Report
 - Percent of Jurisdictions Covered, Total Number of Population Covered, Percent of Population Covered, and Percent of Population in the Region Covered columns do not include the population of any states listed in the associated plan, when the plan type is not State or Enhanced State

Population Calculation Improvement: Communities Only Counted Once

For all Canned Reports and on the MPP Home Page, Communities included in multiple mitigation plans are only included once in population calculations.

This prevents double counting

Population Calculation Improvement: Tribal Populations

- To prevent double-counting, the population for tribal jurisdictions added to plans are not counted in the Home Page percentage of population covered calculation:
 - The jurisdiction layer contains populations for tribes overlapping jurisdictions
 - Tribal populations are captured in a separate tribal layer. Tribal population information is available in the MPP Reporting System
- Example: Tribe A overlaps within Jurisdiction 1. If I add Tribe A to a plan, the population on the Home Page dashboard will not change. If I add Jurisdiction 1 to a plan, the increase in population on the Home Page will include the population of Tribe A

Geography Improvement: Single GEOID per Community

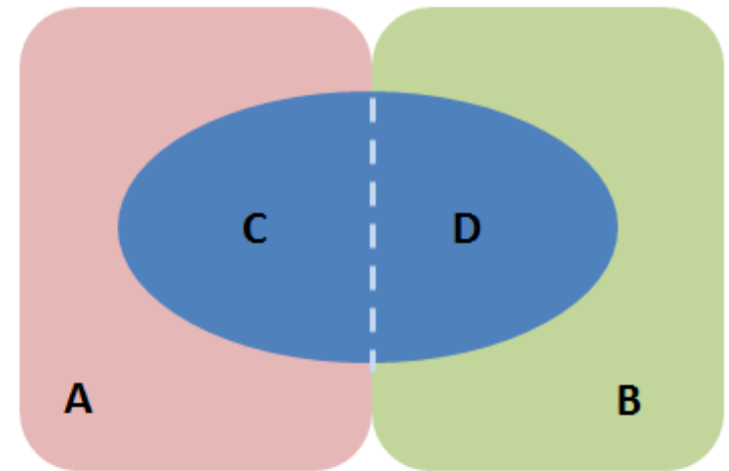
Multi-County Community

Area A – County A

Area B – County B

Area C – Portion of Community 1 in County A

Area D – Portion of Community 1 in County B



Previous State

If I select County A with Community 1, only the GEOID for Area C will be associated with the plan in ad-hoc reports



New State

If I select County A with Community 1, the GEOID for the whole Community (Areas C and D) will be associated with the plan in ad-hoc reports

Geography Improvement: Consolidated Search

Multi-county communities, including tribes, only display in the community dropdown list on the search page once

Previous State

Region 4

Alabama
Florida
Georgia
Kentucky

Atlanta city

New State

Region 4

Alabama
Florida
Georgia
Kentucky

Atlanta city

Reset

Geography Improvement: Entering Jurisdiction Information for Plans

The MPP displays multi-state Tribes for each State it is contained within, e.g. Navajo Nation Reservation will display in the 'Community' dropdown list if State is Arizona or New Mexico, and County is “State Tribes”

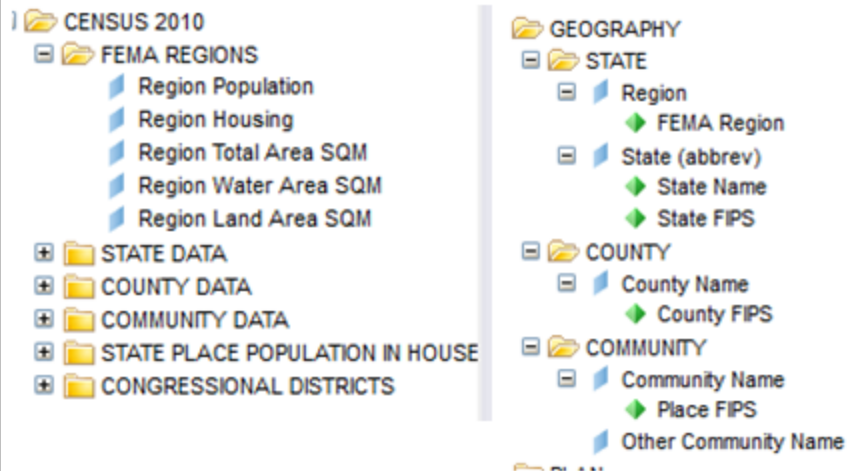
*State, District or Territory	County	Community	*State, District or Territory	County	Community
Arizona	STATE TRIBES	Navajo Nation Rese	New Mexico	STATE TRIBES	Navajo Nation Rese

In the Reporting System the GEOIDs associated with the tribes are not Census GEOIDs are unique GEOIDs created for the MPP

Ad-hoc Report Element Changes

The Census 2010 Data Elements have been removed from ad-hoc reports besides Region/State/County/Community Population and Community GEOID. CIS information has been added

Previous State



New State

