

1. MHIP Version 3.0 Summary

1.1. Introduction

The Multi-Year Flood Hazard Identification Plan (MHIP) Version 3.0 amends MHIP Version 2.5, dated April 2007, and is an update to MHIP Version 2.0, dated September 2006. The Department of Homeland Security, Federal Emergency Management Agency (FEMA), is leading the effort to update and modernize the Nation's flood hazard data and maps. The MHIP describes the strategy for this effort. MHIP Version 2.5 focused only on updates to the data presented in the maps, charts, and Appendix A of MHIP Version 2.0, and did not update any other parts of the document. In contrast, MHIP Version 3.0 updates both the data presented in MHIP Version 2.5 and some of the document text found in MHIP Version 2.0. Because much of the text in MHIP Version 2.0 has not changed, MHIP Version 3.0 is an abbreviated document that focuses on specific areas where changes have occurred and those sections that should be of most interest to stakeholders.

This MHIP contains information about Key Performance Indicators (KPIs) for the Flood Map Modernization effort, potential risks to the Flood Map Modernization production schedule, progress through the second quarter of Fiscal Year (FY) 08, and projections for the remainder of FY08 through the end state of Flood Map Modernization. The end state is when the scope of efforts initiated under Flood Map Modernization is complete.

FEMA is using the Mapping Information Platform (MIP), located at <https://hazards.fema.gov>, to plan for, manage, monitor, and report the progress of contracted studies. All data, tables, maps, and charts in this MHIP are the result of a new MHIP approach to tracking Flood Map Modernization progress and making future projections. For the most part, charts and tables in previous versions of the MHIP were based solely on the MIP sequencing data. In preparation for MHIP Version 3.0, however, MIP sequencing data were verified against the actual preliminary and effective dates reported in the MIP for each county in the Nation.

Appendices A and G provide a detailed listing by State and county for all map production activities scheduled and/or completed as part of Flood Map Modernization. Communities that received both a preliminary and an effective DFIRM by the end of FY08 Quarter 2 (March 31, 2008) as part of Flood Map Modernization are listed in Appendix G, a new addition to the MHIP. Appendix A contains the remaining counties within the Nation that received preliminary DFIRMs by the end of FY08 Quarter 2, but had not received effective DFIRMs; counties for which both the preliminary and the effective DFIRMs are projected to be delivered later in FY08 and thereafter; and counties that FEMA will not be studying as part of the Flood Map Modernization effort and, therefore, will

The MHIP defines how FEMA will produce updated, digital flood-hazard data for areas with the greatest flood risk.

Multi-Year Flood Hazard Identification Plan

not receive either preliminary or effective DFIRMs. The appendices list the counties by FEMA Region and State, including the fiscal year production was completed or is planned, and the funding FEMA anticipates allocating to each county for map updates. All maps in this MHIP are based entirely on the data contained in the appendices, with the exception of Map 9, titled Projected Digital Mapping, which is also based on additional data from the FEMA Map Service Center (MSC).

1.2. Flood Map Modernization Performance

FEMA's Key Performance Parameter (KPP) for Flood Map Modernization measures the percentage of the population for which FEMA provides accurate flood risk data in Geographic Information System (GIS) format (i.e., DFIRMs). FEMA's target for this KPP is 92 percent. This goal is expressed in Table 1.

Table 1. Flood Map Modernization Key Performance Parameter

Parameter	Target
Percentage of the population whose safety is improved through availability of accurate flood risk data in GIS format	92%

To help achieve this goal, FEMA created the KPIs for Flood Map Modernization to measure annual performance against a set of four metrics related to flood map production. KPIs 1 and 2 are designed to measure population for whom maps are available online and population for whom counties have adopted maps, respectively. KPIs 3 and 4 measure the percentage of effort leveraged and percentage of funds sent to Cooperating Technical Partners (CTPs), respectively.

FEMA set targets for KPIs 1 and 2 through FY10 based on the time required for studies that were first-funded near the end of the Flood Map Modernization effort to be performed and for DFIRMs to become effective. Because FY08 is the last year in which Federal funding will be provided for Flood Map Modernization activities, KPI 3 and 4 targets extend only through FY08. FEMA received funding in FY08 that was targeted towards map maintenance; however, map maintenance funding is tracked separately from MHIP.

During the Mid-Course Adjustment, published in March 2006, FEMA revised the original targets for KPIs 1 and 2. As a result of the change in Flood Map Modernization focus and in recognition of potential risks to the mapping schedule described in Section 1.3 of this document, the KPI 1 target for FY06 remained at 50 percent. The new targets are shown in Table 2.

Multi-Year Flood Hazard Identification Plan

The KPI targets began in FY04, the first year of full funding for the Flood Map Modernization effort, and are measured at a national level. Some regional statistics may exceed these KPIs and others may fall short; however, all regional statistics will roll-up to the national KPIs. Section 1.7, KPI Performance, presents actual and projected achievement for each of these KPIs.

Table 2. Flood Map Modernization Key Performance Indicators

Key Performance Indicators		Targets					
KPI	Management Indicators	FY04	FY05	FY06	FY07	FY08	FY09
KPI 1	Percentage of population with digital GIS flood data available on-line	20%	50%	50%	60%	70%	80%
KPI 2	Percentage of population with adopted maps that meet quality standards	10%	20%	25%	35%	50%	70%
KPI 3	Percentage of leveraged contributions toward digital flood data	20%	20%	20%	20%	20%	NA*
KPI 4	Percentage of appropriated funds sent to CTPs	20%	25%	33%	33%	33%	NA*

Note: KPIs 1 and 2 are cumulative. KPIs 3 and 4 are annual.

* KPIs 3 and 4 metrics measured in comparison to Flood Map Modernization funds distributed from FEMA. Because FY08 is the last year in which Federal funding will be provided for Flood Map Modernization activities, KPI 3 and KPI 4 targets extend only through FY08

1.3. Potential Risks to Flood Map Modernization Schedule

Appendix A outlines FEMA’s planned map production schedule for all counties that have not received an effective DFIRM as of the end of FY08 Quarter 2. Recognizing that certain factors could potentially affect this schedule, FEMA maintains a risk management inventory to catalog risks and possible methods of mitigating them. Some of the potential risks that could impact the production of DFIRMs include the following:

Multi-Year Flood Hazard Identification Plan

- **Recognition of levee system protection and risk reduction on Effective Flood Insurance Rate Maps (FIRMs)**

Levees or levee systems have been constructed in approximately one-quarter of the counties that will receive DFIRMs as part of the Flood Map Modernization effort. Thus, levees that have been shown and are accredited with providing flood protection on the effective FIRMs; levees that may not be shown or accredited on the effective FIRMs, but exist; and any map updates that are necessary to accurately reflect the flood hazard and risk information in levee-impacted areas will need to be addressed during the mapping process for the affected DFIRM panels. FEMA will only recognize those levee systems that meet, and continue to meet, minimum design, operation, and maintenance standards. Title 44, Chapter 1, Section 65.10 of the Code of Federal Regulations (44 CFR 65.10) describes the data and documentation that FEMA must receive in order to credit a levee or levee system with providing a 1-percent-annual-chance level of flood protection. The required data and documentation must be supplied to FEMA by the community or other party seeking recognition of the levee or levee system. Levees that cannot meet the requirements of 44 CFR 65.10 typically will require additional engineering, mapping, and community coordination time on the part of FEMA, FEMA contractors, and FEMA mapping partners to correctly map the current flood risk in levee-impacted areas.

- **Coordination and timeframe of community review of DFIRMs**

To facilitate community adoption of DFIRMs, coordination of an adequate review and comment period with all impacted communities is necessary to provide due process. This coordination may be affected by community ordinance or State law that requires the community to adopt the maps under strict guidelines or at a given time of year (e.g., annual town meeting). Community officials and citizens may provide feedback on mapping issues during the review period immediately following the issuance of the preliminary DFIRM and/or during the 90-day appeal period, which can delay completion of the DFIRM. Community review often results in new information to be incorporated into the preliminary DFIRM. When a community or other interested party files an appeal of the proposed Base Flood Elevations or base flood depths, FEMA or the mapping partner must review the data to determine whether they are technically or scientifically correct. The review and appeal periods and the resulting appeal resolution process are important in developing the most accurate maps possible. Data provided during this process can assist in this endeavor. However, appeals and/or incorporation of new information after issuance of the preliminary DFIRM can result in delays to the map completion schedule. In certain cases, additional funding may be necessary to resolve community comments or incorporate new information.

- **New Mapping Partners**

Mapping partners that are new to Flood Map Modernization may not be familiar with the map production process and workflow. Although mapping partners have progressed since the beginning of Flood Map Modernization, new mapping partners have been added over

Multi-Year Flood Hazard Identification Plan

the years, especially in support of CTPs. The coordination time required to provide additional assistance and outreach to affected communities and other new mapping partners may affect projected timeframes for completion of the DFIRM.

- **Natural Disasters**

In the event of a natural disaster, FEMA staff supporting the Flood Map Modernization effort may be tasked to provide support to areas affected by natural disasters. In addition, State Mapping Programs may be delayed as the CTP staff is redirected to response and recovery efforts. This shift in focus from updating flood maps to responding to immediate disaster needs can cause delays in the schedule of map production.

The above-listed potential risks to the Flood Map Modernization schedule may have a singular or cumulative impact on completion of flood maps by FY10.

1.4. Stakeholder Comments on the MHIP

FEMA recognizes stakeholder input as a crucial factor in the continued success of Flood Map Modernization. Interested parties can view or download past versions of the MHIP through the Flood Hazard Mapping portion of the FEMA website at http://www.fema.gov/plan/prevent/fhm/dl_mhip.shtm.

1.4.1. Stakeholder Input Process

MHIP updates have always followed a cyclical process. The process included publicizing the plan or latest update, gathering stakeholder feedback and input from other sources, reviewing comments and making any appropriate changes, finalizing the parameters (primarily, Flood Map Modernization funding for the new fiscal year), and releasing and publicizing the plan. Following the release of MHIP Version 3.0, FEMA will continue to obtain maximum stakeholder feedback and input via traditional methods including use of the MHIP comment form on FEMA's Flood Hazard Mapping Web site (http://www.floodmaps.fema.gov/fhm/scripts/mh_surv.asp) or through the FEMA Regional Offices.

1.4.2. Comments on MHIP Version 2.0

As stated in the introduction to this document, MHIP Version 2.5 focused on updates to the data presented in MHIP Version 2.0, but did not update the other parts of the document. MHIP Version 2.5 did not acknowledge the comments received during the MHIP Version 2.0 comment period. MHIP Version 3.0 acknowledges those comments.

Multi-Year Flood Hazard Identification Plan

FEMA received comments from various sources during the 60-day comment period that followed the September 2006 release of MHIP Version 2.0. Table 3 shows the eight sources that submitted comments.

Table 3. Sources of Comments on MHIP Version 2.0

State Government Agencies
Ohio Department of Natural Resources, Division of Water
Massachusetts NFIP Coordinator
County/Local Government Agencies
Monroe County, Florida, Engineering Department
State, Regional and National Entities
American Congress on Surveying and Mapping
Texas Colorado River Floodplain Coalition
Lower Colorado River Authority
General Public
(two comments submitted by general public)

FEMA responded to all comments received during the comment period for MHIP Version 2.0 either at the FEMA national or regional level depending on the nature of the comment.

1.4.3. Comment Period for MHIP Version 3.0

The comment period for MHIP Version 3.0 will last for 60 days. Any interested parties are welcome and encouraged to submit their comments through the appropriate channels as described in Section 1.4.1.

1.5. FY03-FY07 Production Report

This section reports on the status of Flood Map Modernization DFIRM production activities, as monitored by FEMA and its mapping partners using the MIP, for FY03-FY07.

Appendices A and G provide a detailed listing by county for all map production activities scheduled and/or completed. The appendices list the counties by Region, including the year that production was completed or is planned and the funding FEMA anticipates allocating to each county for map updates.

Map 1 shows the progress of map production—including the funding, preliminary date, and effective date—for specific counties through the end of FY03, which is the starting point for progress measurement. Map 2 shows the progress of map production through the end of FY04,

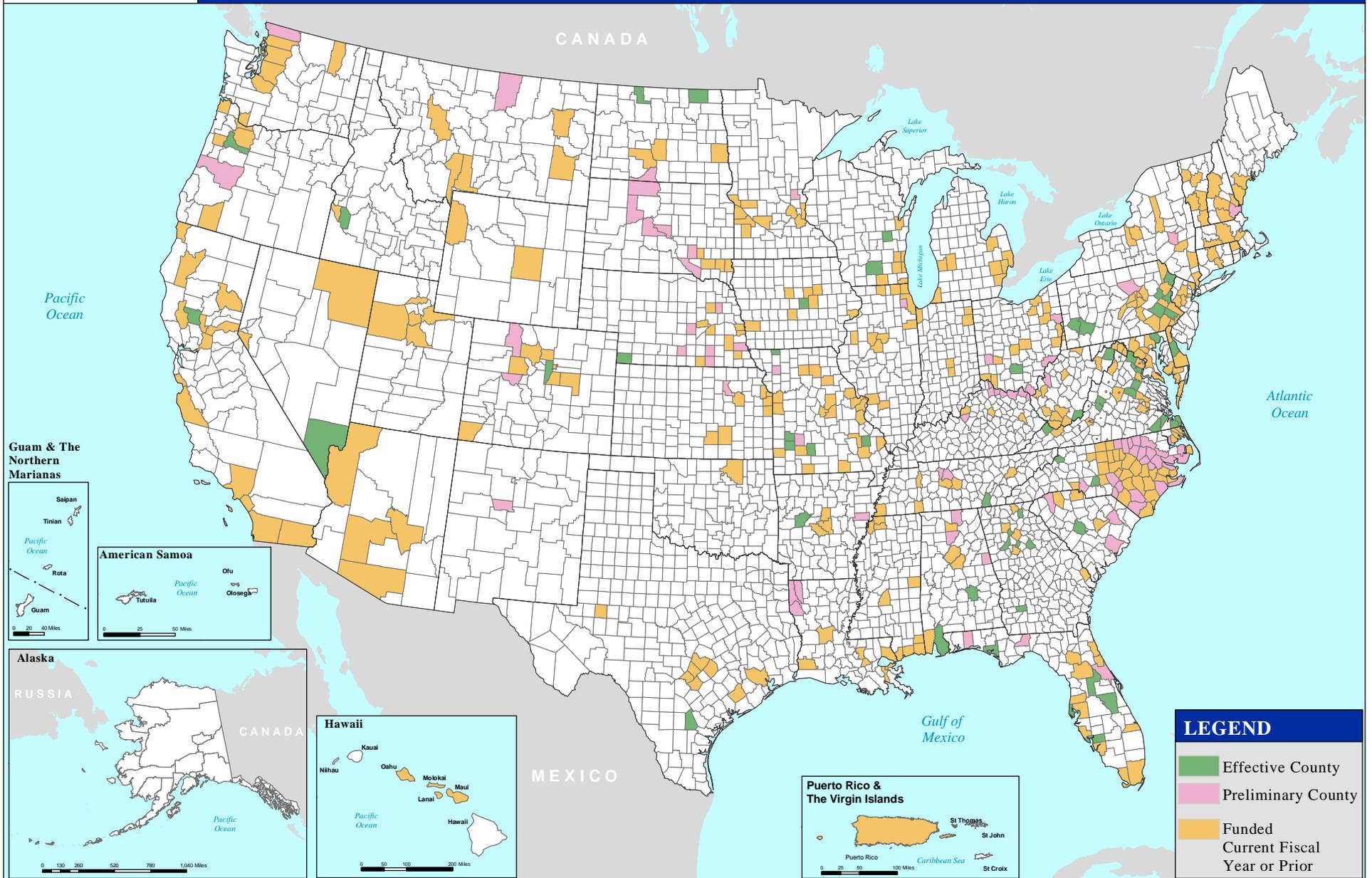
Multi-Year Flood Hazard Identification Plan

Map 3 shows progress through FY05, Map 4 shows progress through FY06, and Map 5 shows progress through FY07.

The preliminary and effective data used for the maps discussed in the previous paragraph are derived from actual progress recorded against KPI 1 (percentage of population with digital GIS flood data available online) and KPI 2 (percentage of population with adopted maps that meet quality standards). The maps are based on data presented in the first funded, preliminary, and effective columns of Appendix G, and include data from Appendix A for all counties with first funded or preliminary year values of FY07 and prior. Funding years used for the maps come from the MIP sequencing data and are displayed in the appendices.

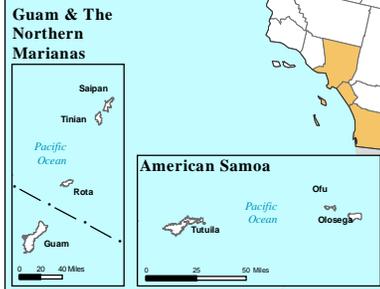
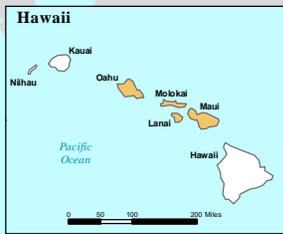
Map 1. Progress of Mapping Activities Through FY03

As of March 2008



LEGEND

- Effective County
- Preliminary County
- Funded Current Fiscal Year or Prior

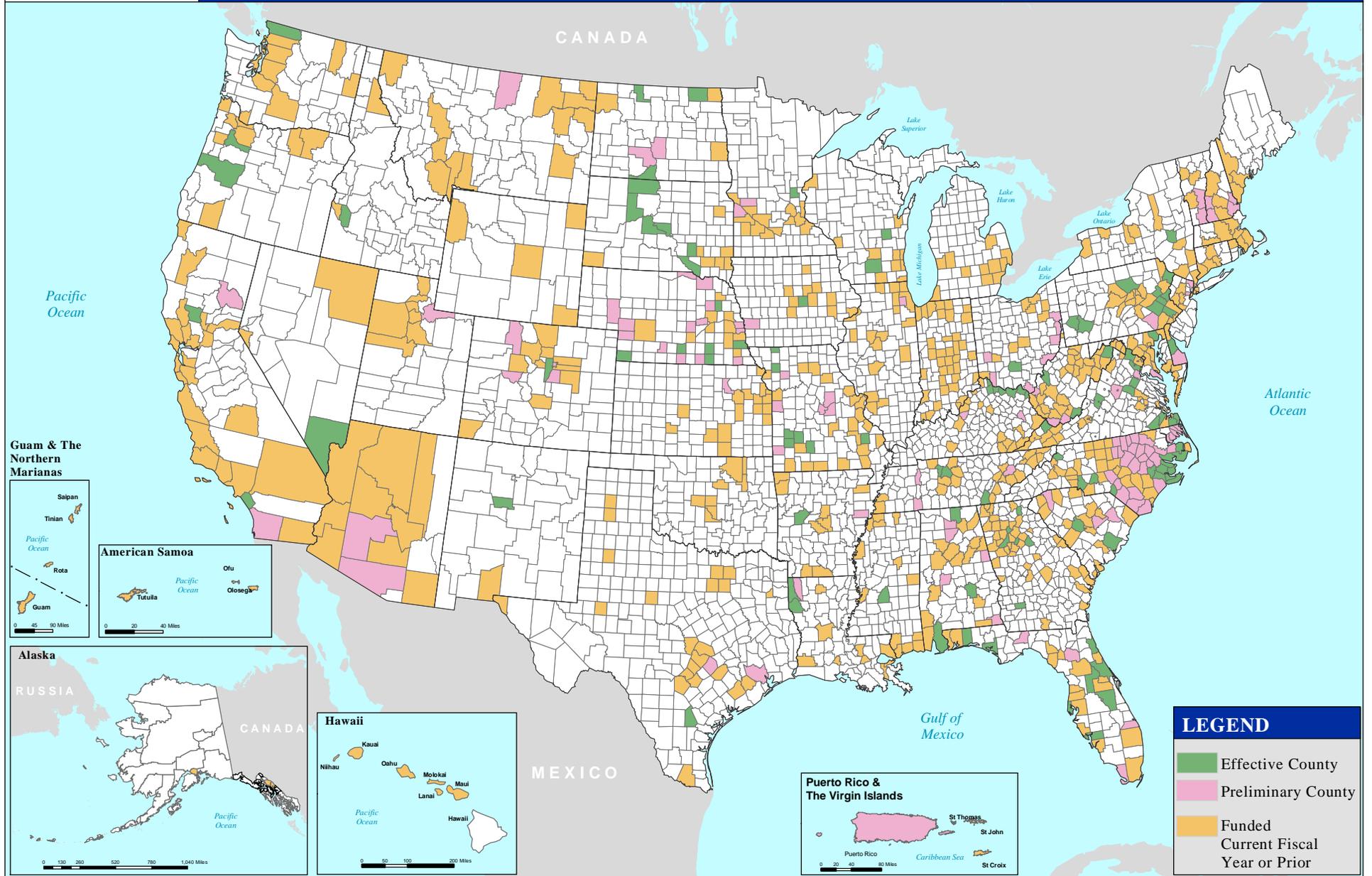




FEMA

Map 2. Progress of Mapping Activities Through FY04

As of March 2008

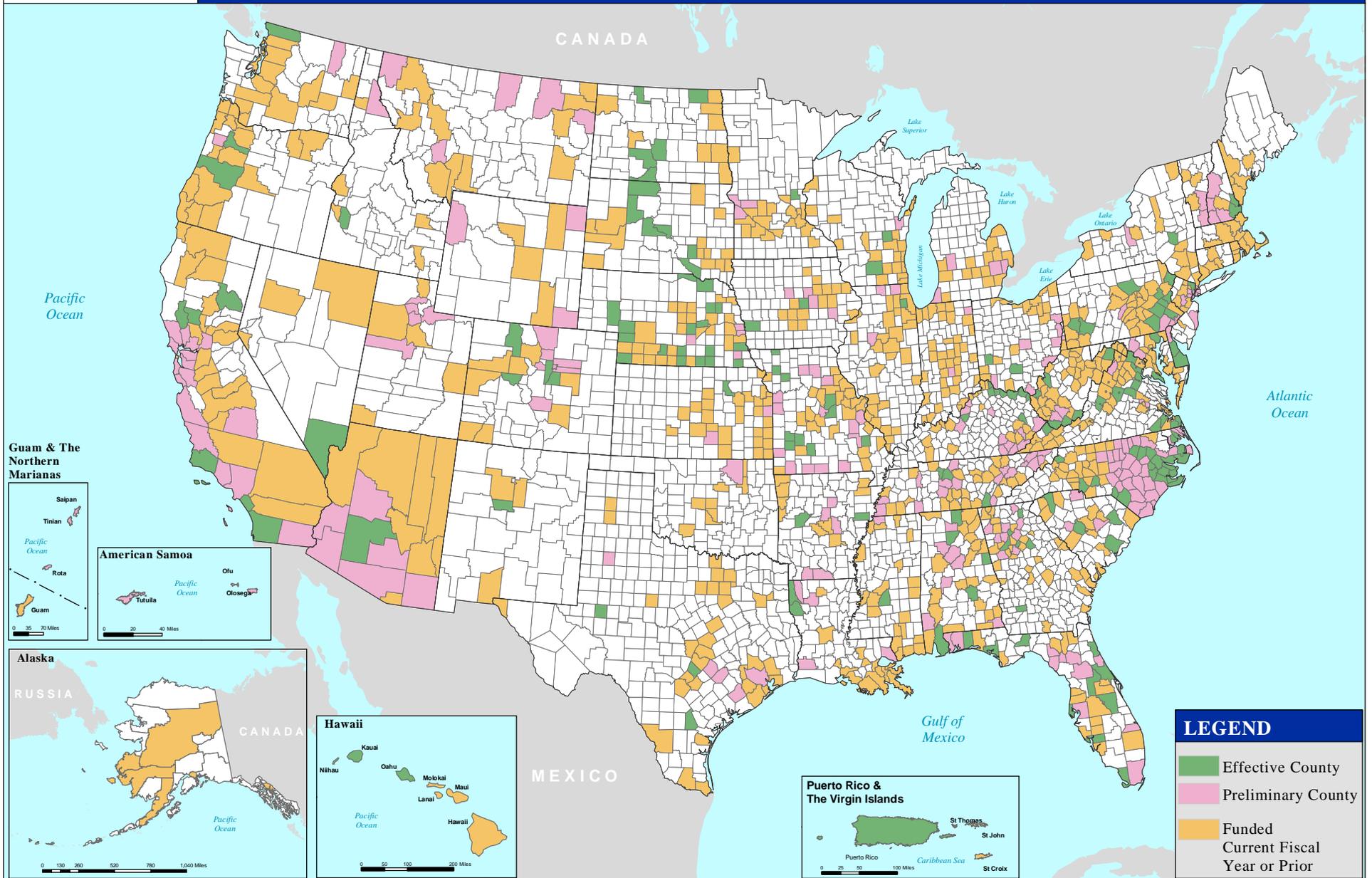


LEGEND

- Effective County
- Preliminary County
- Funded Current Fiscal Year or Prior

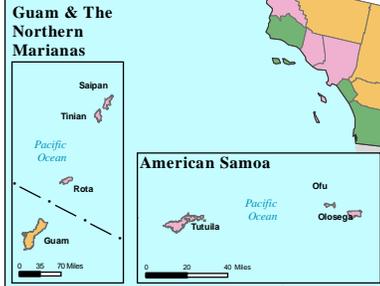
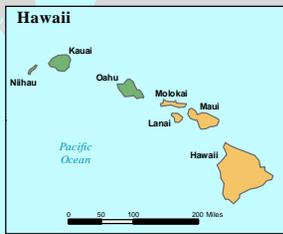
Map 3. Progress of Mapping Activities Through FY05

As of March 2008



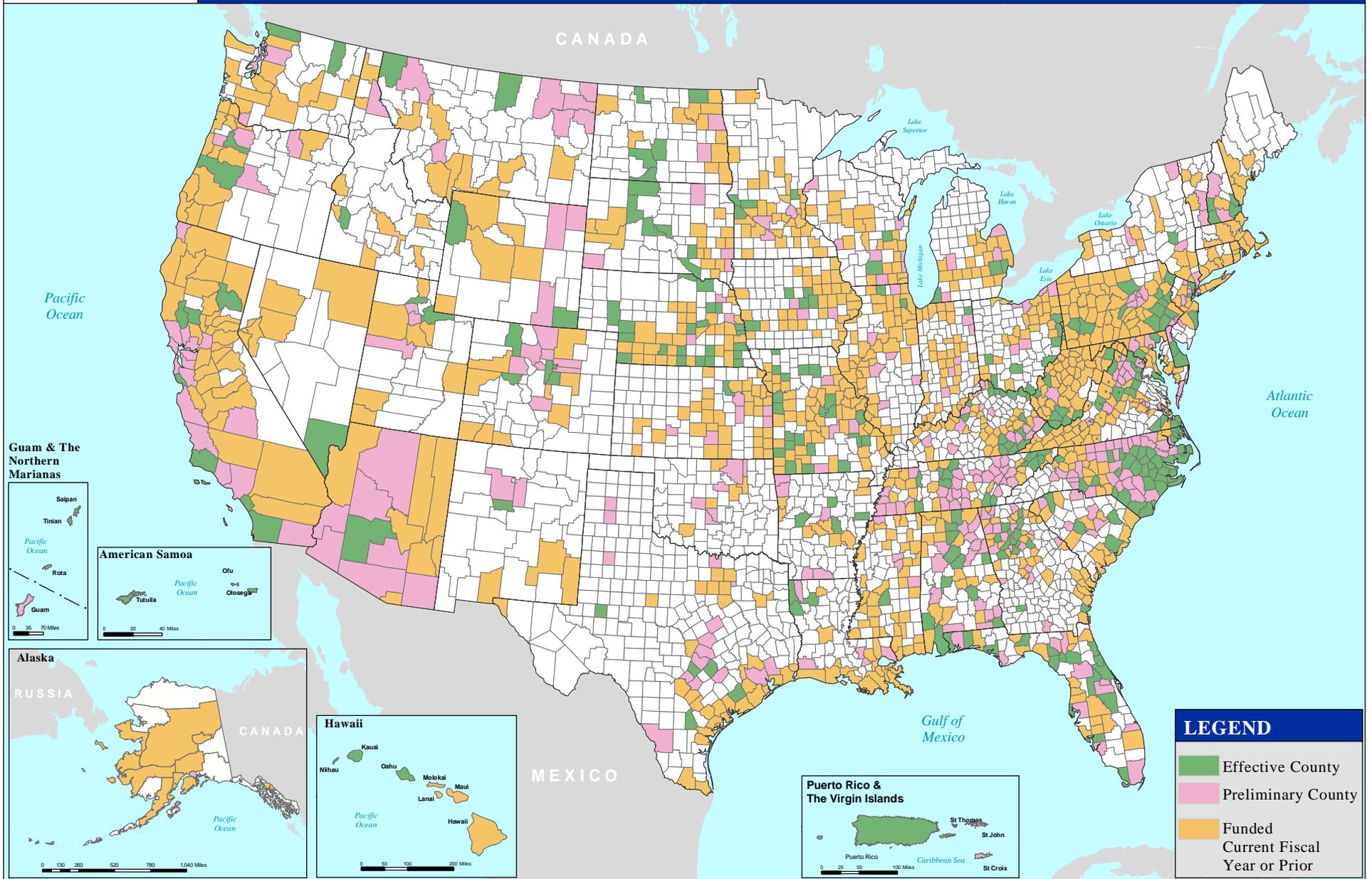
LEGEND

- Effective County
- Preliminary County
- Funded Current Fiscal Year or Prior



Map 4. Progress of Mapping Activities Through FY06

As of March 2008

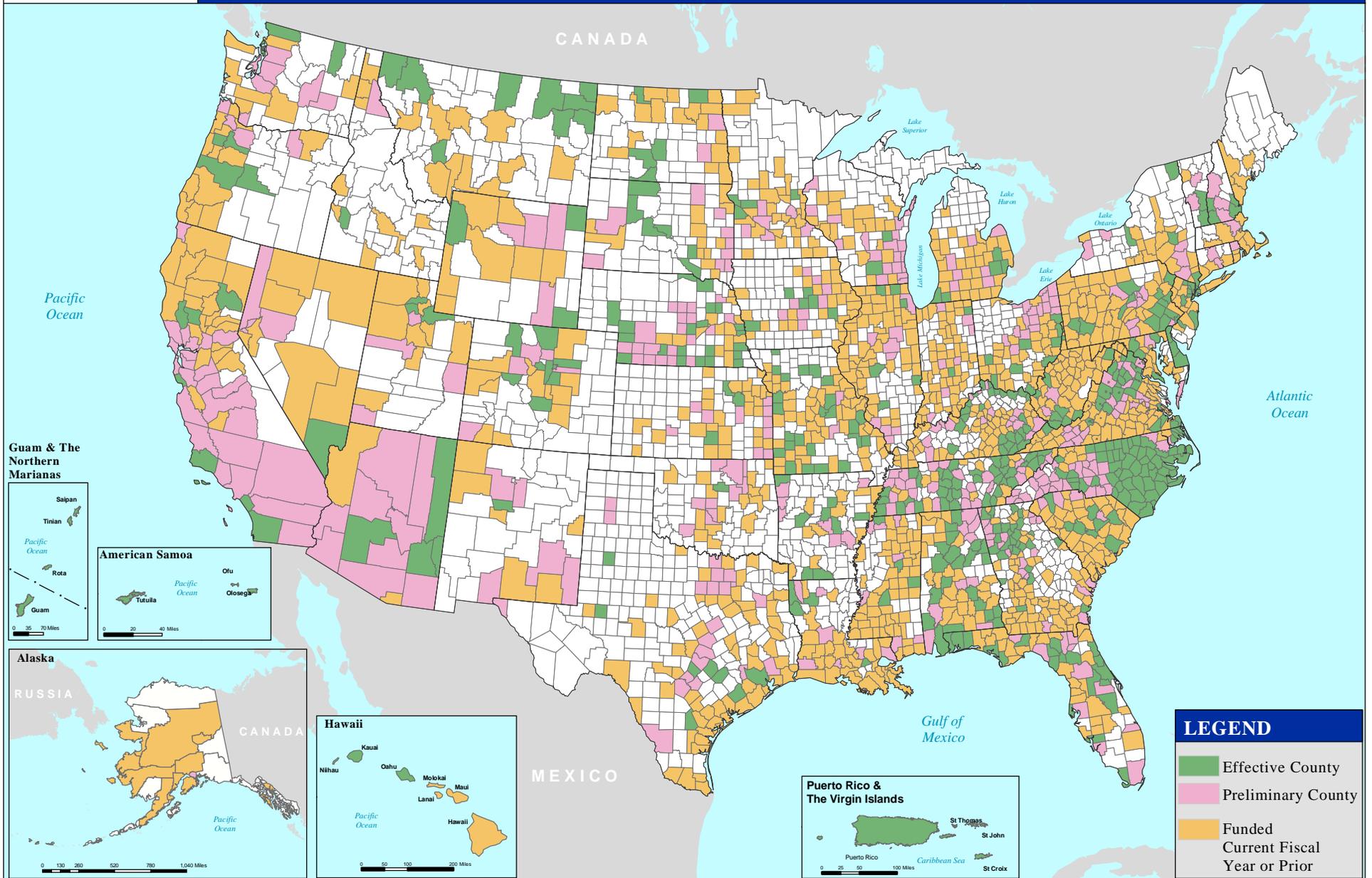


LEGEND

- Effective County
- Preliminary County
- Funded Current Fiscal Year or Prior

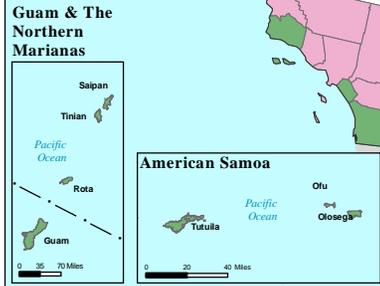
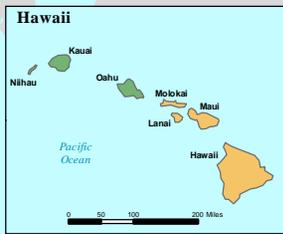
Map 5. Progress of Mapping Activities Through FY07

As of March 2008



LEGEND

- Effective County
- Preliminary County
- Funded Current Fiscal Year or Prior



1.6. FY08-End State Production Forecast

This section presents the FY08-End State production forecast, which uses the sequencing data compiled by the FEMA Regional Offices, additional updates from FEMA, and data representing actual progress through FY08 Quarter 2. These data are displayed in the appendices. On a regular basis, FEMA reviews and updates data at the regional level and compiles and evaluates those data at the national level.

1.6.1. Process Used to Develop FY08-End State Planned Activities

The process used to sequence the FY08-End State planned activities is continuous. FEMA determines when to study/map a county and the amount of funds to allocate by:

- Determining the allocation of the national budget available to each Region;
- Obtaining stakeholder input; and
- Evaluating and balancing national requirements with local and State requirements and determining the amount of Federal funding for each study.

Appendix A provides a detailed listing by county of all map production activities scheduled to be initiated through FY08. Appendix A includes all counties that have not received an effective DFIRM through the end of FY08 Quarter 2. It lists the counties by Region, including the year that production is planned and the funding FEMA anticipates allocating to each county for map updates. This funding is only for the map production cost (scoping to effective maps) and does not necessarily include the funding to resolve appeals or incorporate new and improved information received during the map production process. Counties that are at risk of receiving an effective DFIRM by FY10, due to risk factors discussed in Section 1.3, are identified in Appendix A with an asterisk (*) in the effective column.

In some cases, a county is not scheduled to receive a flood map update. Counties that are not projected to be studied as part of Flood Map Modernization are identified in Appendix A. The selection of these counties was based on the national flood risk assessment, mapping priorities identified by States and FEMA Regional offices, and level of participation in the flood map update process. This reduction in scope enables FEMA to provide enhanced quality flood mapping for those areas at greatest flood risk.

The following subsection provides an analysis of the sequencing data, starting with FY08 then looking forward through the end state. Section 1.7, KPI Performance, details FEMA's progress in relation to FEMA's KPIs for Flood Map Modernization.

1.6.2. FY08-End State Planned Activities

Map 6 shows the projected progress of map production—including the funding, preliminary issuance date, and effective date—for specific counties through the end of FY08. Some of the

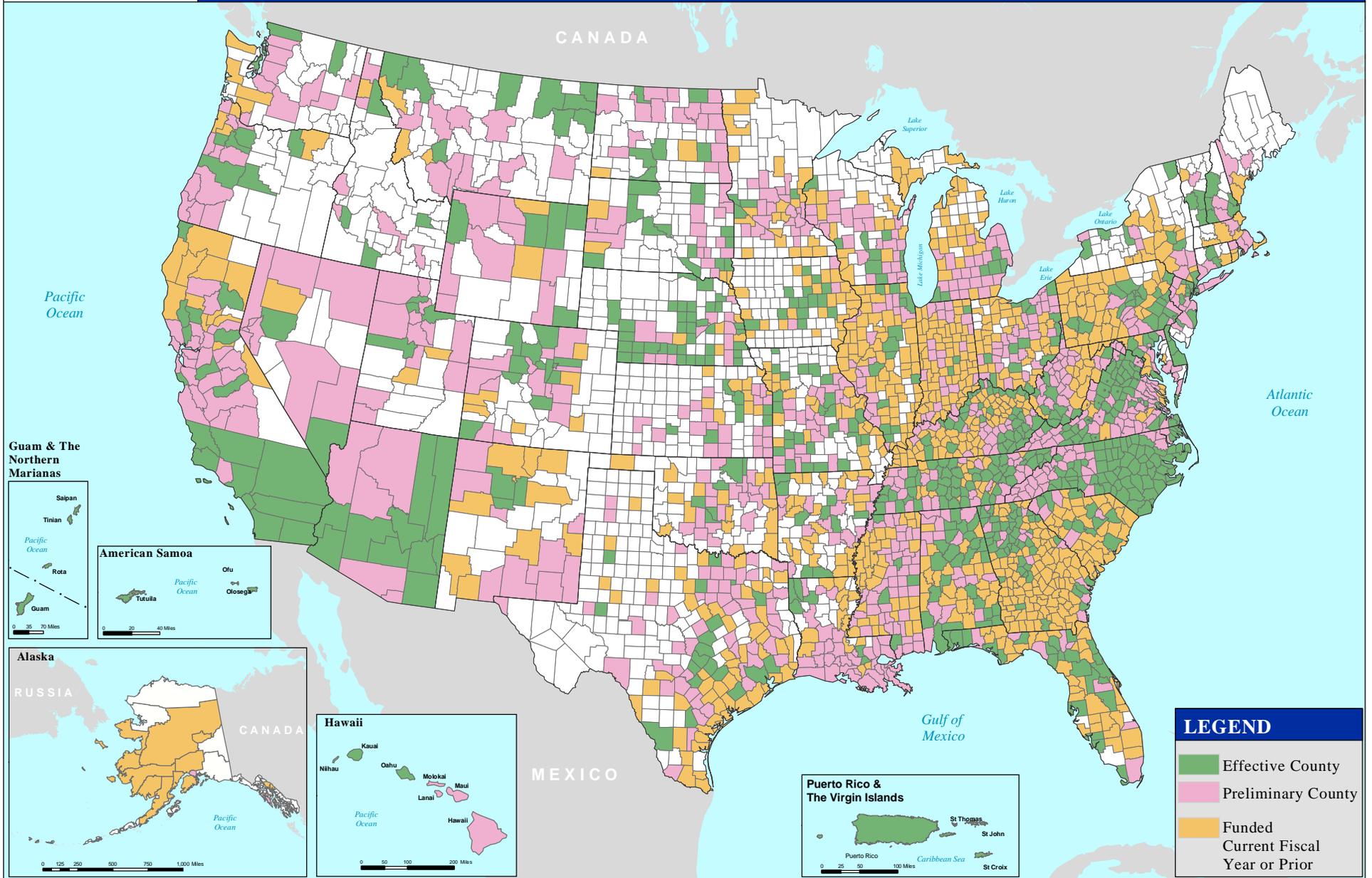
Multi-Year Flood Hazard Identification Plan

FY08 preliminary and effective dates used for the DFIRMs are actual milestones that have occurred through FY08 Quarter 2 and are being tracked against the KPI 1 and KPI 2 metrics. Map 7 shows projected progress of map production through the end of FY09. Map 8 shows projected progress through the end state of the Flood Map Modernization program. Maps 6-8 are based on data presented in the first funded, preliminary, and effective columns of the appendices. Funding years used for the maps come from the MIP sequencing data.

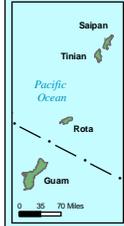
Map 9 is new to the MHIP. It includes identification of counties that FEMA does not plan to study as part of Flood Map Modernization, but that have scanned versions of the NFIP maps available at the Map Service Center (MSC) for some or all of the communities within the county. These counties show up in white on Maps 1 through 8. The scanned versions of the NFIP maps associated with these counties are digital, but are not the GIS-based DFIRMs being produced as part of the Flood Map Modernization effort. Map 9 is based on data in the appendices plus data from the MSC.

Map 6. Progress of Mapping Activities Through FY08

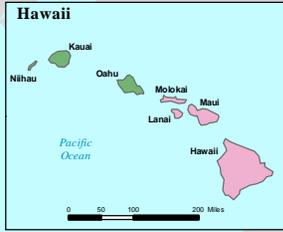
As of March 2008



Guam & The Northern Marianas



American Samoa



Puerto Rico & The Virgin Islands



LEGEND

- Effective County
- Preliminary County
- Funded Current Fiscal Year or Prior

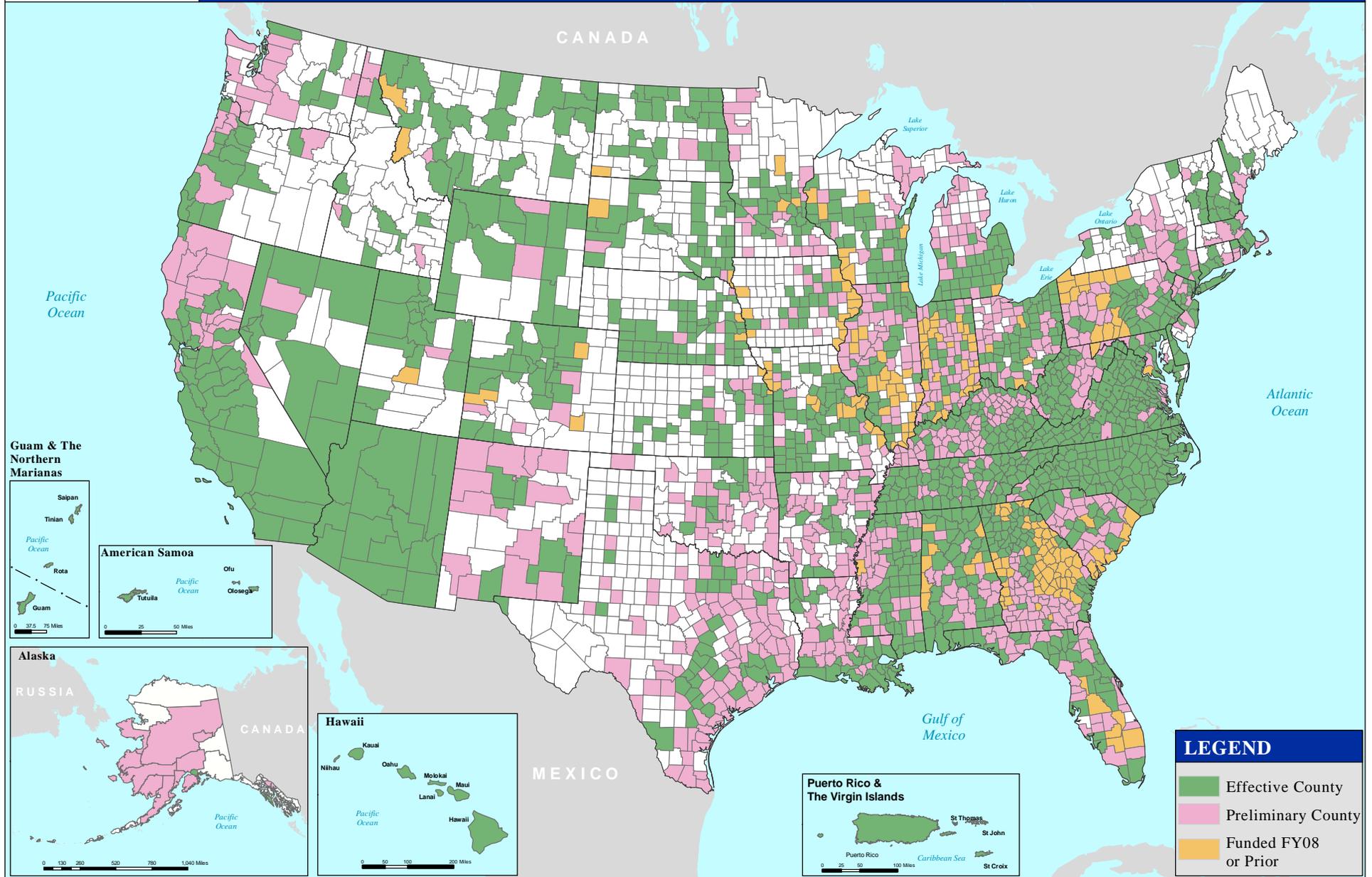




FEMA

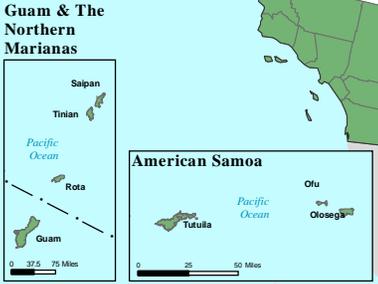
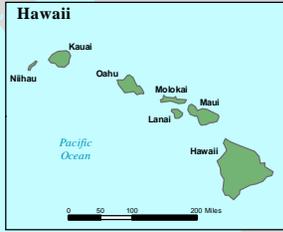
Map 7. Progress of Mapping Activities Through FY09

As of March 2008



LEGEND

- Effective County
- Preliminary County
- Funded FY08 or Prior



MHIP

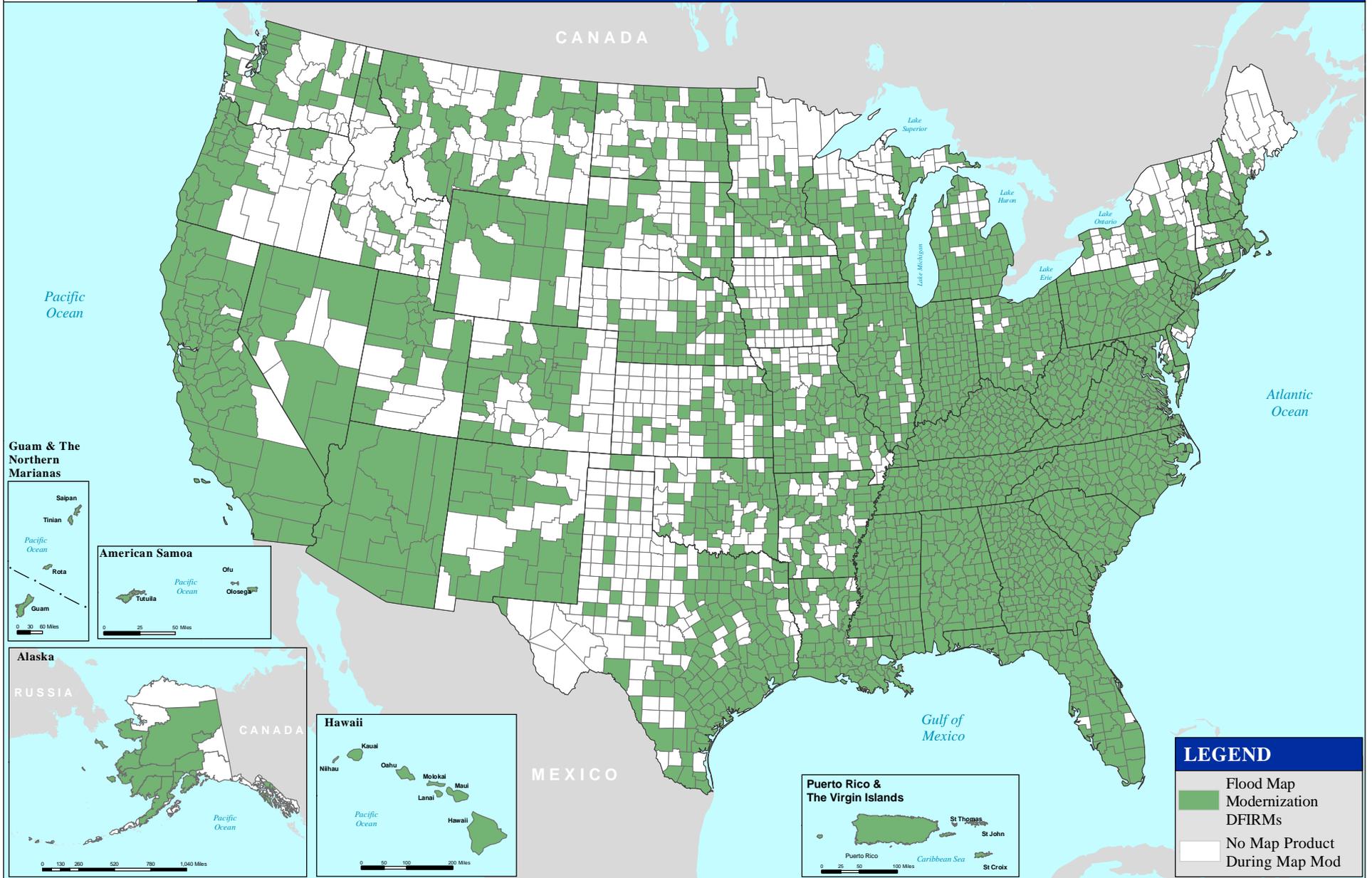
0 125 250 500 750 1,000 Miles



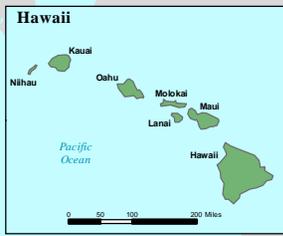
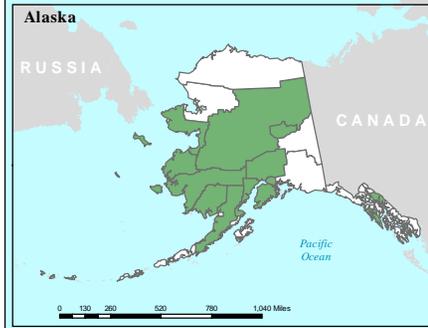
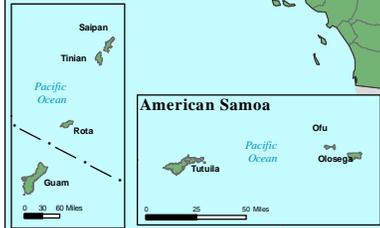
Projection: North America Albers Equal-Area Conic
Data Source: MHIP Version 3.0 Appendices

Map 8. Progress of Mapping Activities Through End State

As of March 2008



Guam & The Northern Marianas



LEGEND

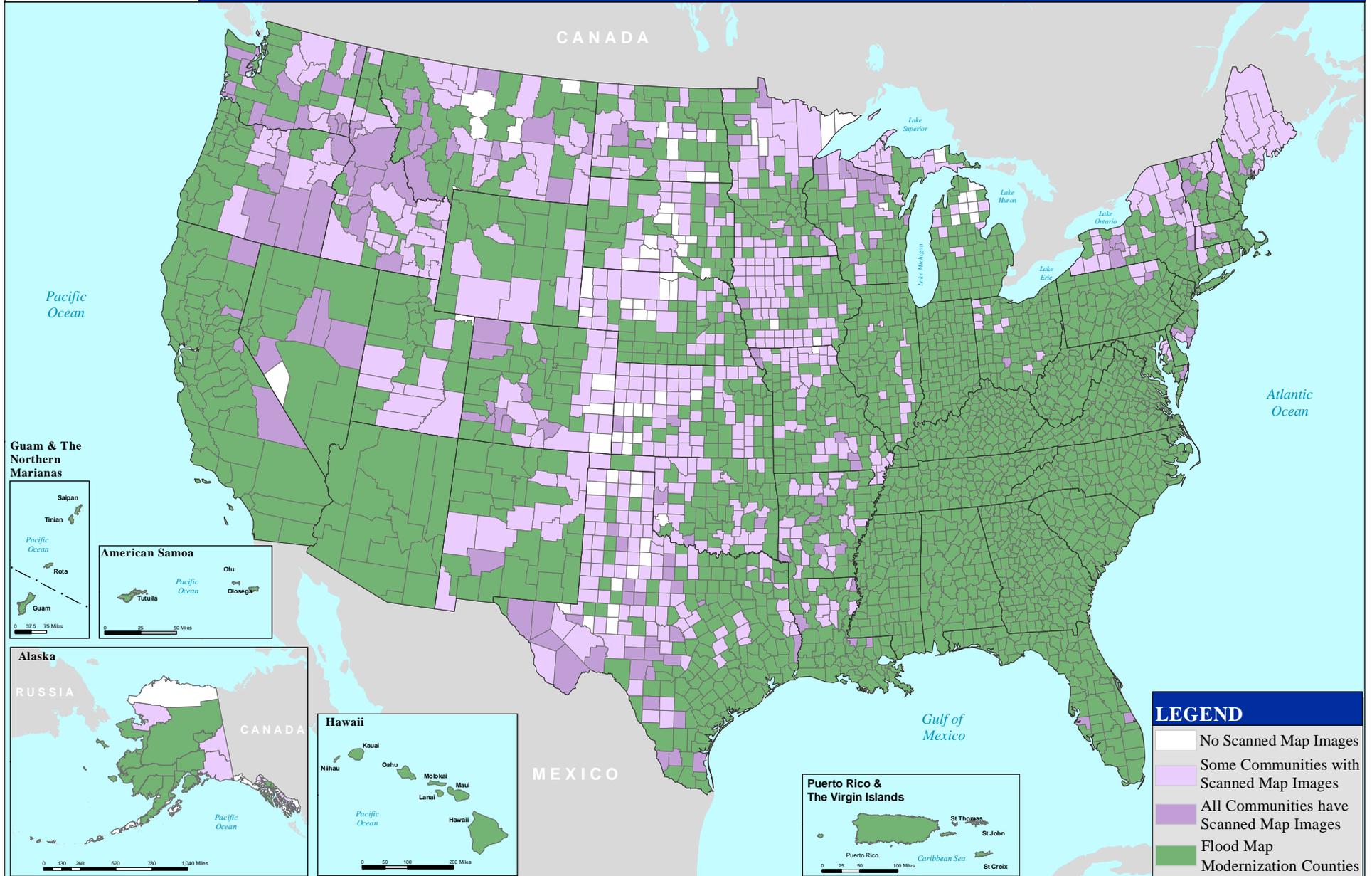
-  Flood Map
-  Modernization
-  DFIRMs
-  No Map Product
-  During Map Mod





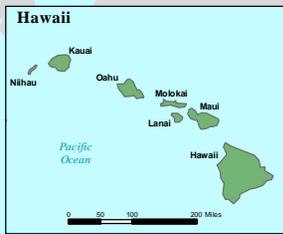
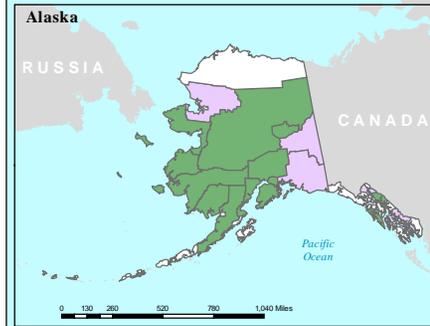
FEMA

Map 9. Projected Digital Mapping



LEGEND

- No Scanned Map Images
- Some Communities with Scanned Map Images
- All Communities have Scanned Map Images
- Flood Map Modernization Counties



MHIP

0 125 250 500 750 1,000 Miles



Projection: North America Albers Equal-Area Conic
Data Source: MHIP Version 3.0 Appendices and Data from FEMA Map Service Center

1.7. KPI Performance

This section discusses the actual and projected production of map updates, which are detailed in the previous sections, in the context of FEMA's national KPIs for Flood Map Modernization. It analyzes progress against KPI 1 and KPI 2 based on actual accomplishments for FY04-FY08 Quarter 2, and forecasted progress for the remainder of FY08 through the end state. Actual progress for KPI 3 and KPI 4 is shown through FY07, with projected progress through FY08. KPI 2, as presented in this document, is based on the effective date. However, KPI 2 by definition is based on when a community adopts the maps or the effective date of the maps, whichever comes first. FEMA will calculate KPI 2 based on this definition. The communities that often have the largest gap between a map adoption date and an effective date are those with auto-adoption capability.

Meeting these KPIs will help FEMA provide reliable flood risk data in Geographic Information System format.

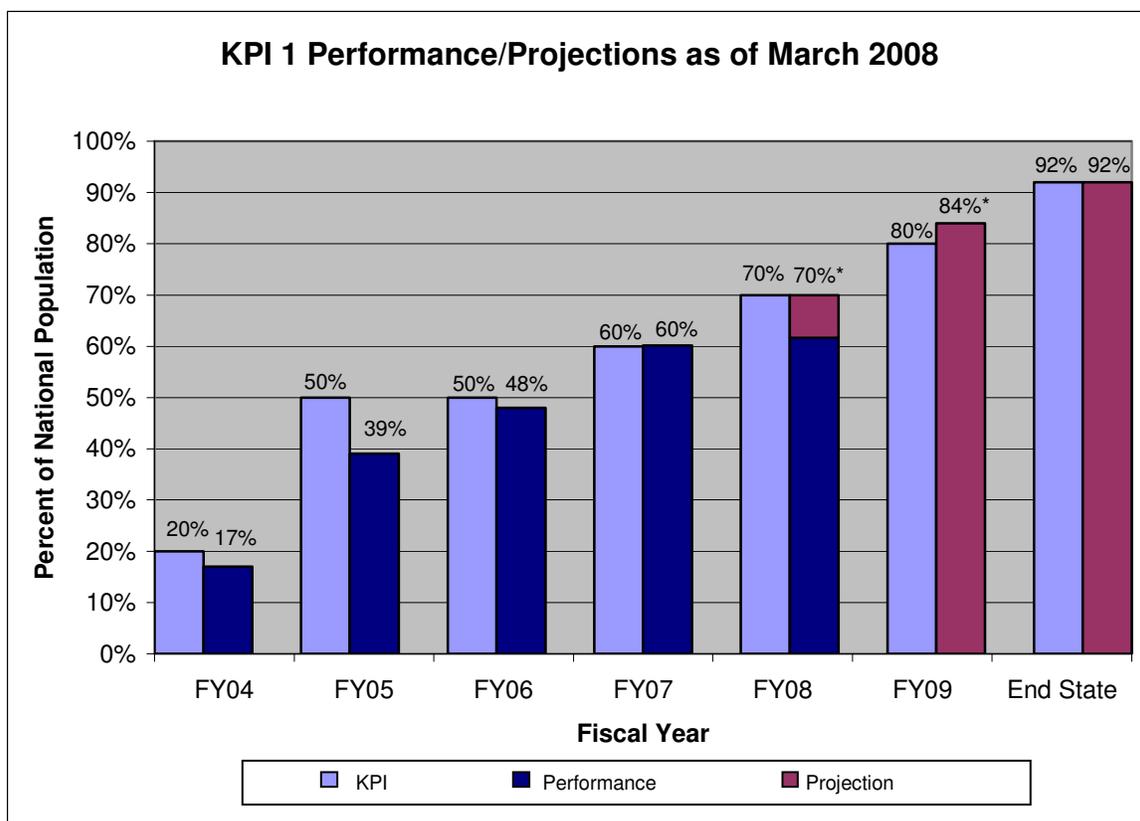
The current data show that FEMA met the FY07 target for KPI 1 and was within 3 percent of the FY07 target for KPI 2. Based on projections from the MIP sequencing data, FEMA anticipates meeting the KPI 1 target for future fiscal years. FEMA also projects that the total percentage of the population with adopted or effective DFIRMs (KPI 2) will meet the end state target with flood mapping efforts initiated based on funding received through FY08.

Multi-Year Flood Hazard Identification Plan

1.7.1. KPI 1: Population with Digital GIS Flood Data Available Online

The targets for KPI 1 were revised as a result of the Mid-Course Adjustment described in the discussion of MHIP Version 2.0 in Subsection 1.4. As a result of the change in Flood Map Modernization focus and in recognition of the potential risks to the mapping schedule described in Section 1.3, the KPI 1 target for FY06 was maintained at 50 percent. The new targets are shown in Figure 1.

Figure 1 indicates that according to the plan, GIS flood data will be available for 70 percent of the population by the end of FY08, meeting the KPI target. According to the current sequencing data, FEMA estimates that 92 percent of the population will have Preliminary DFIRMs by the end state.



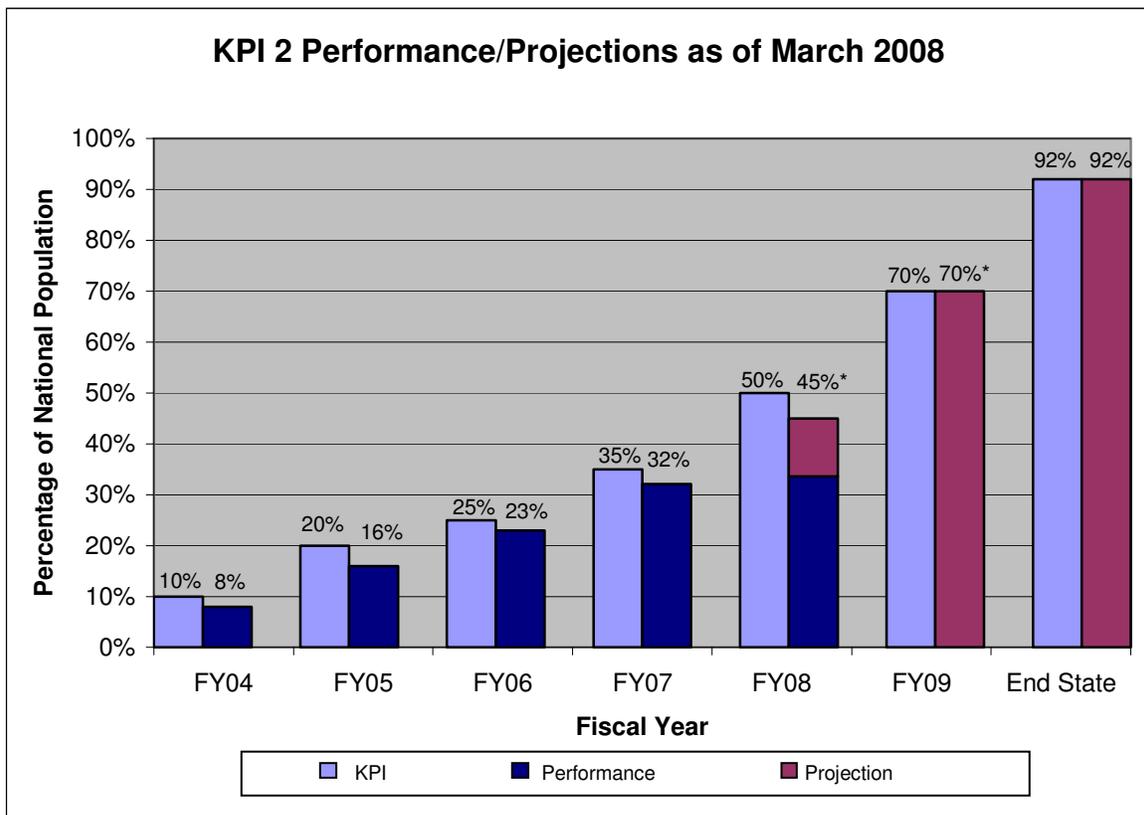
* Reflects sequencing shown in Appendix A and potential impacts of schedule risks

Figure 1. Performance/Projection for KPI 1 through the End State

Multi-Year Flood Hazard Identification Plan

1.7.2. KPI 2: Population with Adopted Maps that Meet Quality Standards

Based on the Mid-Course Adjustment and in recognition of potential risks to the map production schedule, FEMA modified the KPI 2 targets to those displayed in Figure 2. Figure 2 shows that by the end of FY08, effective maps are projected to be available for 45 percent of the population. Based on sequencing data, FEMA estimates that 92 percent of the population will have effective maps that meet quality standards. This projection meets the end state target for KPI 2.



* Reflects sequencing shown in appendix A and potential impacts of schedule risks

Figure 2. Performance/Projection for KPI 2 through the End State

Multi-Year Flood Hazard Identification Plan

1.7.3. KPI 3 and KPI 4: Percentage of Leveraged Contributions Toward Digital Flood Data and Percentage of Appropriated Funds Sent to CTPs

Table 4 shows the actual progress through FY07 and projections through FY08 for KPIs 3 and 4.

Table 4. Performance and Projections for KPI 3 and KPI 4

KPI	FY04 ¹		FY05 ¹		FY06 ¹		FY07 ¹		FY08 ²	
	KPI	Perf.	KPI	Perf.	KPI	Perf.	KPI	Perf.	KPI	Proj.
KPI 3: Percentage of leveraged contributions toward digital flood data	20%	37%	20%	36%	20%	19%	20%	18%	20%	18%
KPI 4: Percentage of appropriated funds sent to CTPs	20%	38%	25%	40%	33%	38%	33%	37%	33%	37%

Note: KPI 3 and KPI 4 are annual.

1 – Actual

2 – Projections

1.7.4. Map Quality

Following the release of MHIP Version 2.0, stakeholders expressed concern about the quality of flood data used to develop new flood maps. The goal of digitization of the Nation’s flood maps, they said, should not outweigh the goal of achieving accuracy on the newly updated maps.

The Mid-Course Adjustment shifted focus from the goal of mapping 100 percent of the Nation with updated, digital flood maps to providing updated, accurate flood data for the areas of the country with the greatest flood risk. FEMA incorporated a new mapping standard, the Floodplain Boundary Standard (FBS) issued in Procedure Memorandum 38, into the *Guidelines and Specifications for Flood Hazard Mapping Partners* (http://www.fema.gov/plan/prevent/fhm/dl_cg_shtm). Part of the intent of the FBS is to ensure that the products delivered through Flood Map Modernization are timely and tied to a topographic source. FEMA further revised Procedure Memorandum 38, issued in October 2007, to clarify compliance criteria with the standard based on results obtained from audits of several studies.

FEMA also developed a “validation” standard regarding the engineering analysis used to develop flood elevations. Guidance for validation was issued in April 2007. The new standard aims at helping mapping partners determine where new studies must be conducted, where updates to existing flood hazards should be performed, and what might deem a study to still be valid. This new standard is called the New, Validated, or Updated Engineering (NVUE) standard.

Multi-Year Flood Hazard Identification Plan

Together, FBS and NVUE provide a standard of quality for flood maps resulting from Flood Map Modernization. FEMA is on track to meet the FBS/NVUE targets.

1.8. MHIP Updates

FEMA released its initial plan for implementation of Flood Map Modernization in November 2004. Each update is given a sequential version number and is made available through the Flood Hazard Mapping portion of the FEMA Web site (http://www.fema.gov/plan/prevent/fhm/mh_main.shtm).

The initial plan was MHIP Version 1.0, released in November 2004. FEMA's first revision, MHIP Version 1.5, was released in June 2005. FEMA then released Appendix F: Fiscal Year 2005 Flood Map Production (Version 1.6) in December 2005. Version 2.0, dated September 2006, was the first version of the MHIP to reflect the Mid-Course Adjustment. FEMA released Version 2.5, which consisted of updates to maps, charts, and Appendix A, in April 2007.

Because FY08 is the last year of Federal funding for updates to National Flood Insurance Program (NFIP) maps under Flood Map Modernization, MHIP Version 3.0 is the final MHIP release. Subsequent updates will be presented as progress reports which will replace the MHIP as the mechanism by which Flood Map Modernization progress is tracked and projected.

The process, methodologies, and recommendations set forth in this version and previous versions of the MHIP provide a clear path toward FEMA's goals for Flood Map Modernization. Through the continued efforts and support of FEMA's flood mapping partners, implementation of this plan will help FEMA meet its mission to protect lives and property from devastation caused by floods and other disasters.

1.9. Cross-Reference to Sections in MHIP Version 2.0

Table 5 provides a cross-reference guide between sections in MHIP Version 3.0 and MHIP Version 2.0. The sections identified in the MHIP Version 3.0 column correspond to the sections identified in the MHIP Version 2.0 column in terms of the similarity of the information content contained within each section. Note that the MHIP Version 3.0 sections are often abbreviated, updated versions of their MHIP Version 2.0 counterparts. If additional detail about a particular section is desired, the reader can refer to the corresponding MHIP Version 2.0 section noted below.

Table 5. Cross-Reference of Sections between MHIP Version 3.0 and MHIP Version 2.0

MHIP Version 3.0 Section	MHIP Version 2.0 Section
Foreword	Foreword
1.1	1.0
1.2	1.5
1.3	1.7 and 5.7
1.4	2.0
1.5	4.0
1.6	5.0
1.7	6.3
1.8	10.0
Appendix A	Appendix A
Appendix G	NA