

4.0 FY03-FY06 PRODUCTION REPORT

This section presents production activities for FY03-FY06.

4.1. Reviewing and Consolidating Cost, Schedule, and Production Data

FEMA is developing and refining its management systems to improve accessibility and maintenance of the data required to monitor cost, schedule, and production of Digital Flood Insurance Rate Maps (DFIRMs). With the introduction of the Mapping Information Platform (MIP) (<https://hazards.fema.gov>), FEMA now has in place a system by which to manage, monitor, report, and track progress of contracted studies and a system to plan for projects. This section reports on the status of Flood Map Modernization DFIRM production, as monitored by FEMA's existing systems.

4.2. Tracking Progress of Studies

FEMA systems, such as the MIP, enable tracking of all planned and contracted study tasks. The MIP as well as other systems are the sources of the data reported for FY03 through the third quarter of FY06 reported in this MHIP. Existing systems are used to obtain planning data for studies from FEMA's Regional Offices. These tools include data on activities performed in FY06 and prior, as well as activities planned for future years. The systems provide an aggregate of current activities in order to track three milestones of a project:

- Funding
- Map production
- Map adoption

FEMA systems also include information about funding contributions and/or in-kind services provided by the Cooperating Technical Partners (CTPs) and other mapping partners, as well as funding allocations provided to CTPs by FEMA.

To report progress for production of the MHIP, FEMA Headquarters reviews sequencing data and verifies that all counties are represented.

The tables, figures, and maps that follow present map production progress by county through FY06, unless otherwise noted, as measured by:

- Studies funded in FY06 and prior, including leveraged dollars
- Studies issued as preliminary and population affected
- Studies effective and population affected

A funded study is reported as complete when a map becomes effective. However, while a county may be reported complete, that does not necessarily mean all of the mapping and study needs of every community within the county have been met.

As discussed in section 3, Distribution of Funds to the Regions, FEMA allocated approximately \$155 million in map production funding for FY05. However, during any fiscal year, the sum of the distributions within each Region described in section 3 may not total the planned allocation for several reasons:

- Other funds may be allocated to Regions to address previously unidentified needs or to take an opportunity to leverage outside resources.
- The money budgeted for current and future fiscal years has not yet all been contracted, committed, or spent.
- In any given year, money is distributed to the Regions based on the national plan. FEMA's Regional Offices used the money through contracts and grants for map production for specific counties. However, the actual totals will not be updated in FEMA's reporting systems until those contracts and grants have been finalized.
- In any given year, some Regions spend their funds on non-county-specific projects (for example, developing a coastal methodology for the Pacific Coast, other technical investigations not tied to a specific study, etc.); or additional funding may be allocated for specific studies as a result of a disaster or other unique situation.

4.3. Progress through FY04

This subsection outlines funding and mapping progress for FY04.

4.3.1. *FY04 Funding*

Table 4-1 shows distribution of funding by Region for FY04.

FY03-FY06 Production Report

Table 4-1. Actual Distribution of Funding by Region for FY04

Region	Allocated Funds	Total Number of Studies Funded
1	\$4,222,500	22
2	\$9,604,000	21
3	\$10,235,000	63
4	\$38,268,620	136
5	\$14,446,417	77
6	\$20,629,000	42
7	\$8,575,000	47
8	\$6,181,000	26
9	\$13,228,750	35
10	\$4,974,400	18
Total	\$130,364,687	487

4.3.2. FY04 and Prior Production Status

Map production status is progressive; first a county is funded, then it receives a preliminary map, then it receives an effective map.

As shown in table 4-2, FEMA provided funding for map production to 801 counties in FY04 and prior. FEMA issued preliminary maps to 211 counties and effective maps to 112 counties in FY04.

Table 4-2. Progress by Region of Counties Funded FY04 and Prior

Region	Counties Funded ¹	Preliminary Maps Issued		Effective Maps Issued	
		Counties	Affected Population ²	Counties	Affected Population ²
1	31	6	1,323,368	0	630,930
2	24	4	5,545,561	1	326,856
3	108	41	7,630,665	31	5,915,699
4	242	69	9,396,398	38	6,320,835
5	111	12	2,206,331	3	827,800
6	53	8	3,984,278	4	382,323
7	95	35	1,393,196	15	315,064
8	62	24	1,864,304	12	680,158
9	48	8	12,345,913	4	5,398,694
10	27	4	1,640,728	4	1,103,189
Total	801	211	47,330,742	112	21,901,548

MHIP tables that measure counties funded, preliminary, and effective, are progressive in nature. A county and its population appear first as funded, then as preliminary, and finally as effective.

1 – Includes counties that received funding for map production prior to 2004

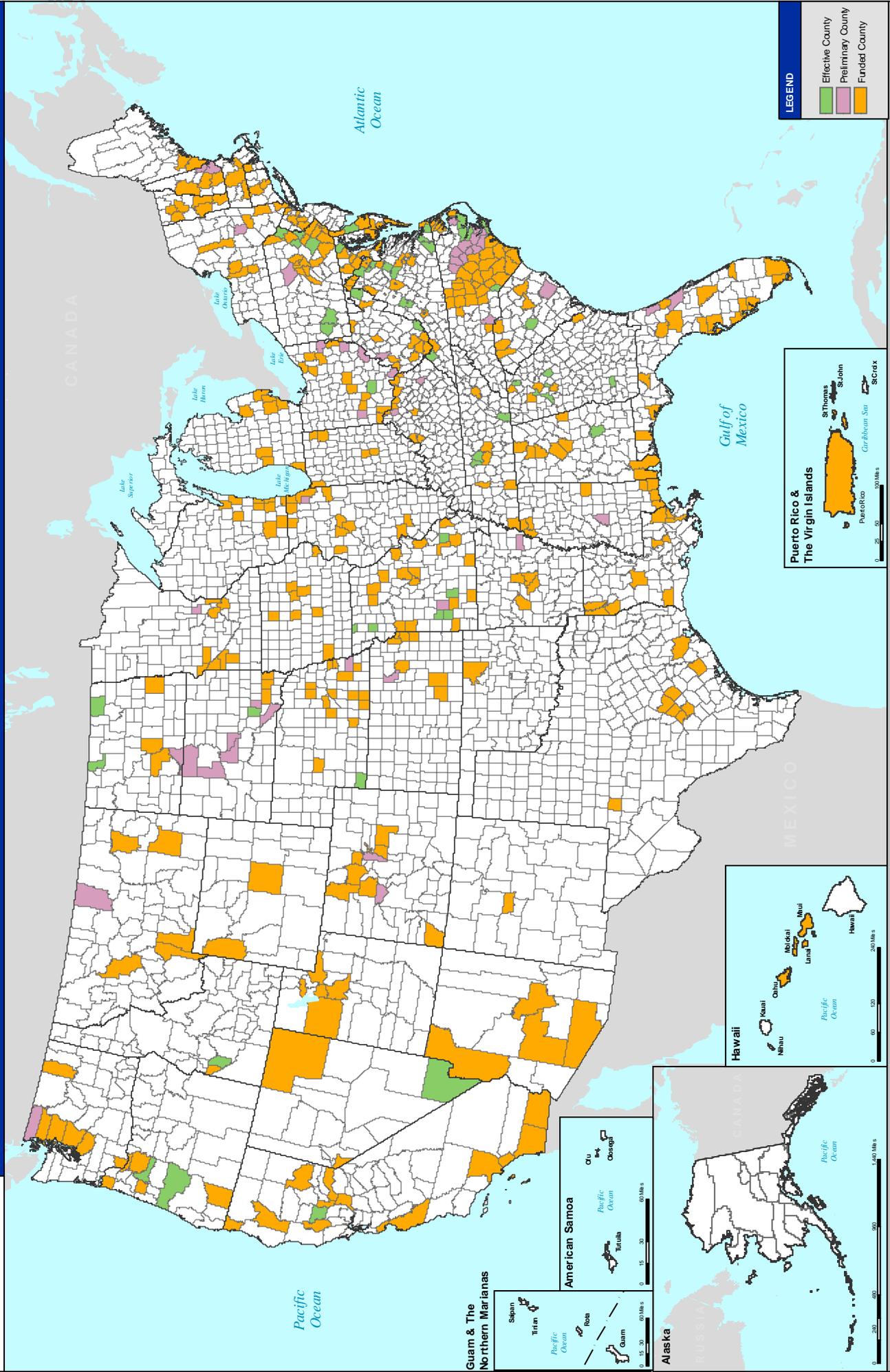
2 – Population includes some areas of counties not yet studied in their entirety

Map 4-1 shows the progress of map production—including the funding, preliminary issuance date, and effective date for specific counties by the end of FY03, which is the starting point for measuring progress. Map 4-2 shows progress of map production through the end of FY04.



Map 4-1. Progress of Mapping Activities Through FY03

As of August 2006



LEGEND

- Effective County
- Preliminary County
- Funded County

Projection: North America Albers Equal-Area Conic
Data Source: FEMA

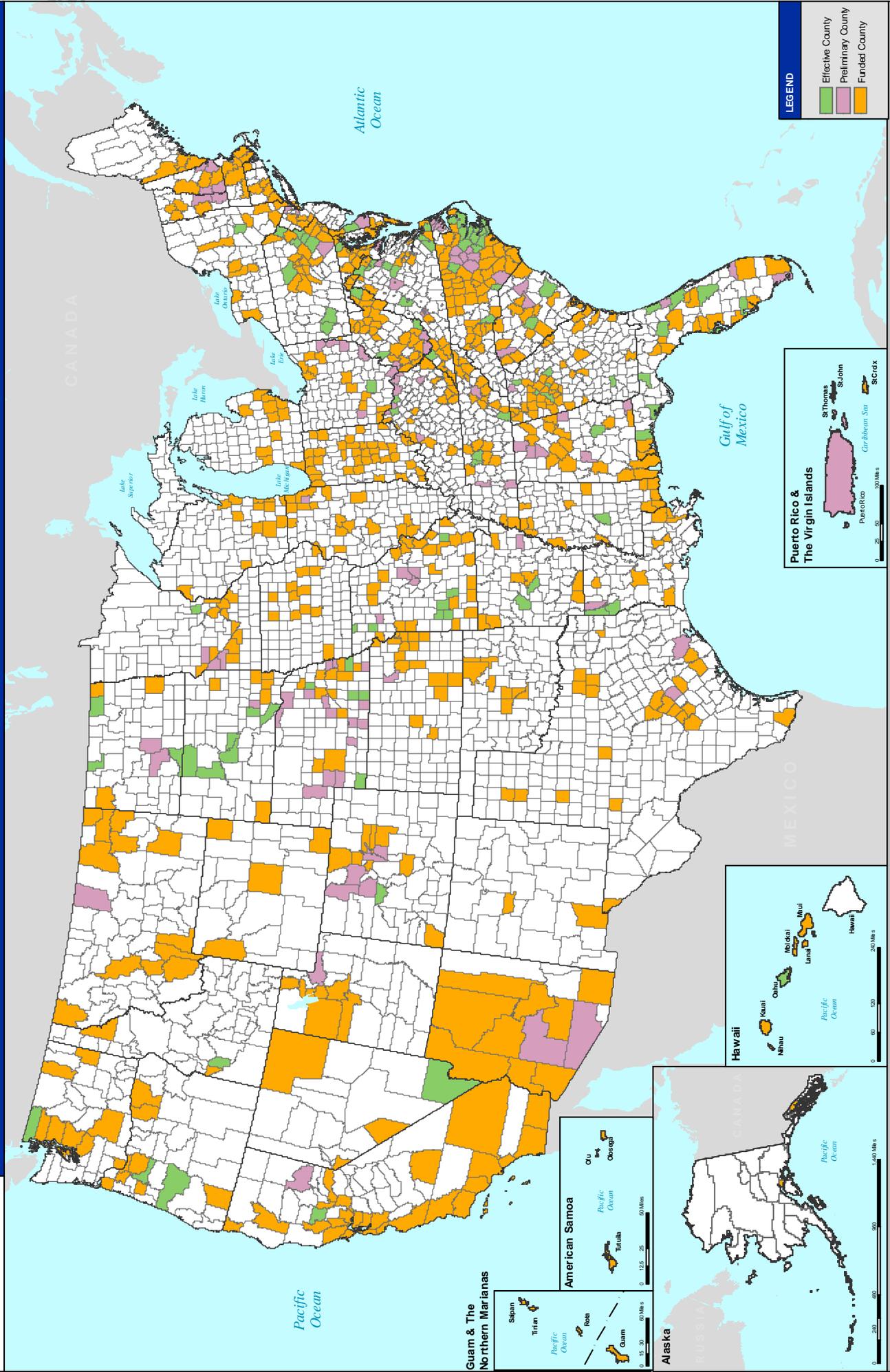
0 125 250 500 750 1,000 Miles

MHIP



Map 4-2. Progress of Mapping Activities Through FY04

As of August 2006



LEGEND

- Effective County
- Preliminary County
- Funded County

Projection: North America Albers Equal-Area Conic
Data Source: FEMA

0 125 250 500 750 1,000 Miles

MHIP

4.4. Progress through FY05

This subsection outlines funding and mapping progress for FY05.

4.4.1. *FY05 Funding*

Table 4-3 details the distribution of funding by Region for FY05.

Table 4-3. Distribution of Funding by Region for FY05

Region	Allocated Funds	Total Number of Studies Funded
1	\$5,911,980	26
2	\$11,675,013	9
3	\$13,250,000	68
4	\$39,638,112	95
5	\$17,155,627	82
6	\$27,047,947	51
7	\$10,294,183	44
8	\$8,959,254	30
9	\$15,406,259	39
10	\$6,418,200	26
Total	\$155,756,575	470

4.4.2. *FY05 and Prior Production Status*

Map production status is progressive; first a county is funded, then it receives a preliminary map, then it receives an effective map.

FEMA increased the percent of population with digital flood data to 39 percent through FY05, and increased the percent of the population with adopted maps to 16 percent. Table 4-4 details FEMA's progress for FY05 and prior. Map 4-3 shows map production progress through FY05.

Table 4-4. Progress by Region of Counties Funded FY05 and Prior

Region	Counties Funded	Preliminary Maps Issued		Effective Maps Issued	
		Counties	Affected Population ¹	Counties	Affected Population ¹
1	38	9	1,819,542	2	1,033,979
2	29	10	15,799,917	3	5,416,576
3	161	54	11,261,744	44	5,818,527
4	306	123	23,925,548	53	8,959,165
5	157	24	7,470,357	5	5,564,213
6	85	20	8,623,880	7	2,076,539
7	136	53	2,875,159	24	641,837
8	85	33	4,535,296	16	952,840
9	66	34	33,172,991	10	12,557,957
10	37	8	1,992,084	4	2,724,536
Total	1,100	368	111,476,518	168	45,746,169

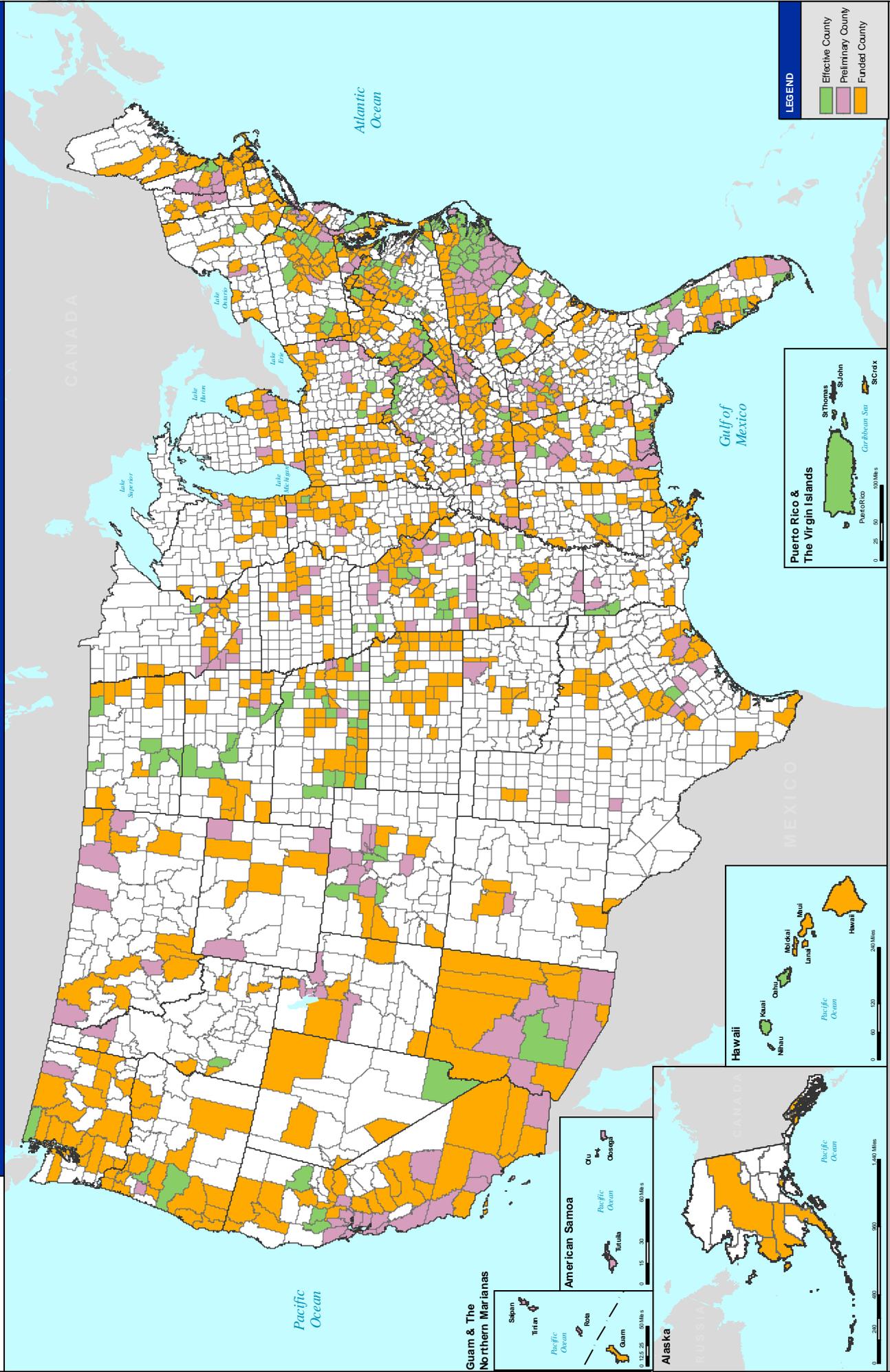
MHIP tables that measure counties funded, preliminary, and effective, are progressive in nature. A county and its population appear first as funded, then as preliminary, and finally as effective.

1 – Population includes some areas of counties not yet studied in their entirety



Map 4-3. Progress of Mapping Activities Through FY05

As of August 2006



MHIP

0 125 250 500 750 1,000 Miles

Projection: North America Albers Equal-Area Conic
Data Source: FEMA

4.5. Progress to Date through FY06 (Third Quarter)

This subsection outlines funding and mapping progress through the third quarter of FY06.

4.5.1. FY06 Funding

Table 4-5 shows funding distribution by Region for FY06.

Table 4-5. Distribution of Funding by Region for FY06 (As of June 30, 2006)

Region	Allocated Funds	Total Number of Studies Funded
1	\$6,240,000	36
2	\$11,806,000	13
3	\$14,172,000	61
4	\$36,316,119	130
5	\$16,880,022	106
6	\$25,772,340	67
7	\$10,343,077	82
8	\$7,319,783	39
9	\$14,140,000	52
10	\$5,692,000	38
Total	\$148,681,341	624

4.5.2. FY06 Production

Through the first three quarters of FY06, FEMA has increased the percent of population with digital flood data to 42 percent, and increased the percent of the population with adopted maps to 19 percent. Table 4-6 details FEMA’s progress through the first three quarters of FY06.

Section 5, FY06-FY10 Production Forecast, provides anticipated map production progress through the end of FY06 and subsequent years. Section 6, KPI Performance, discusses FEMA’s anticipated progress toward the targets for the Key Performance Indicators.

FY03-FY06 Production Report

Table 4-6. Mapping Progress to Date by Region for FY06 (As of June 30, 2006)

Region	Percent of Population with Digital Data Available Online	Percent of Population with Adopted GIS DFIRM Flood Data
1	13%	9%
2	51%	17%
3	45%	22%
4	50%	22%
5	18%	15%
6	30%	9%
7	23%	14%
8	50%	19%
9	81%	32%
10	19%	25%
Nat'l Average	42%	19%

