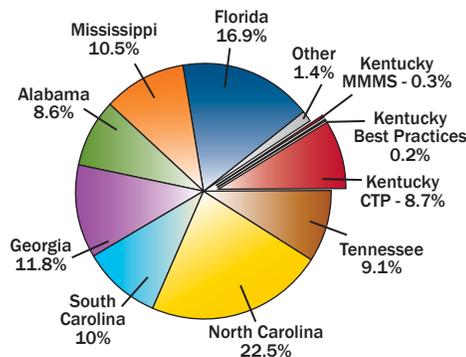


# Kentucky MMMS – Business Plan Summary

Data based on information provided by the Kentucky Division of Water dated Fiscal Year 2006 and other FEMA sources

## REGIONAL AND STATE VIEW

**Federal FY06 Region IV Funding Distribution Total \$36,304,423**



Source: State percentage received of total FY06 Flood Map Modernization Regional production budget according to internal FEMA procurement data (PALT). Kentucky 9.2%

## PURPOSE OF BUSINESS PLAN SUMMARY

The Map Modernization Management Support (MMMS) Business Plan Summary was compiled by reviewing the Federal Fiscal Year (FY) 2005-2009 MMMS Business Plans and FY 2007 updates. These business plans were submitted to the Department of Homeland Security's Federal Emergency Management Agency (FEMA) by FEMA's MMMS partners.

The spring 2007 Business Plan Summary is being published at the crossroads of FEMA's mid-program evaluation and the end-state conditions of Map Modernization. This year, the summary reflects the MMMS partners' approach to and the effects of FEMA's mid-course adjustment, in addition to outlining their accomplished and planned MMMS activities, highlighting the MMMS partner's approach to meeting the goals of and program vision for Map Modernization. FEMA's mid-course adjustment is a redirection of improving and updating the Nation's flood hazard identification maps. FEMA will now focus on developing flood

maps that meet new higher standards for mapping and for a greater allocation of resources to those communities at greatest flood risk. The "end state conditions" refer to how successful the flood mapping effort is at the end of Map Modernization in FY 2010.

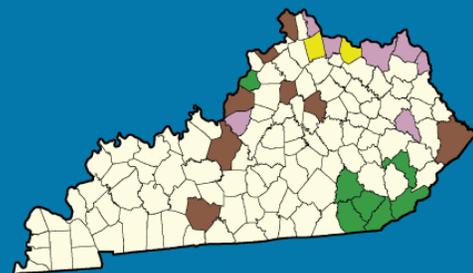
## UNMET NEEDS OF THE STATE'S MAP MODERNIZATION PROGRAM

Funding is needed beyond FY 2008 to revisit communities with unmet mapping needs. Most, if not all counties funded from FY 2003–FY 2005 have needs that require additional funding in order to achieve the desired level of flood hazard identification. In addition, issues have arisen regarding edge-matching in counties mapped prior to FY 2005. It is vital that the most up to date digital information be included in order to maximize the usability and efficiency of DFIRM products.

It is KDOW's goal to map all floodplain areas up to the 1 square mile watershed area, dependent upon funding. With over 89,000 miles of rivers and streams in the Commonwealth, there is considerable need for funding beyond FY 2008. After the Map Modernization effort funding cycle is complete in FY 2008, less than 50% of the flood-prone areas in the state will be identified.

The single most need in the state of Kentucky that will maximize the efforts of Map Modernization is the acquisition of reliable topographic data. A statewide Light Detection and Ranging (LiDAR) dataset will aid governmental entities at all levels (federal, state, and local) not only in floodplain mapping, but in developing long-term land use management plans for planning, zoning, and economic development.

## MAP OF EFFECTIVE DFIRMS



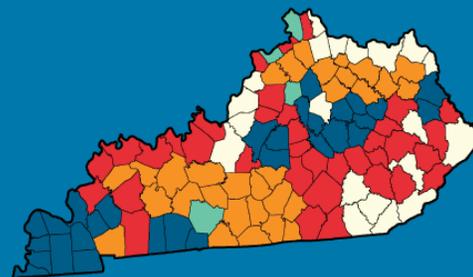
### LEGEND

Map of Effective DFIRMs



Source: FEMA Regional Flood Study Sequencing by County – March 2007

## MAP OF PRELIMINARY DFIRMS



### LEGEND

Map of Preliminary DFIRMs



Source: FEMA Regional Flood Study Sequencing by County – March 2007



**FEMA**

# Kentucky MMMS – Business Plan Summary

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dated Fiscal Year 2006 and other FEMA sources*

## **EFFECTS/APPROACH OF/TO MIDCOURSE ADJUSTMENT**

KDOW is in agreement with the mid-course that all counties within the Commonwealth of Kentucky be funded.

KDOW does not anticipate validating engineering for FY03 and FY04 counties. It is anticipated that counties funded in FY03 and FY04 do not meet the Floodplain Boundary Standard; in order to ensure that past studies meet the Floodplain Boundary Standard, previous studies must be re-scoped. This approach has been taken in other FEMA regions and KDOW strongly urges re-scoping of FY03 and FY04 counties to ensure Floodplain Boundary Standard compliance and to address unmet needs. The only areas in counties funded in FY05 that are not expected to meet the Floodplain Boundary Standard are Special Flood Hazard Areas (SFHAs) that have been delineated on topographic data that is better on effective FIRMs that is no longer available. Less than 5% of FY05 studies fall under this category. The target percent validation for future studies is 90%.

It is anticipated that all studies funded in FY06 and beyond will meet the Floodplain Boundary Standard. All new SFHAs will be topographically corrected using the best available topographic information. The only areas that are not expected to meet the Floodplain Boundary Standard are SFHAs that have been delineated on topographic data that is better on effective FIRMs that is no longer available. It is anticipated that less than 10% of all SFHAs identified from FY06 – FY08 will fall under this category.

KDOW does not anticipate any plans to prepare non-countywide mapping projects. Every county in the state with the exception of four have National Flood Insurance Program participating communities. KDOW desires a seamless flood boundary coverage; any alterations in the current production sequence will invalidate this wish.