



# Disaster Relief Fund: Monthly Report

As Of July 31, 2016

*August 5, 2016*

Fiscal Year 2016 Report to Congress



Homeland  
Security

# Foreword from the Administrator

August 5, 2016

I am pleased to present the following, “Disaster Relief Fund: Monthly Report,” which has been prepared by the Federal Emergency Management Agency.

This document has been compiled pursuant to language set forth in the *Fiscal Year (FY) 2016 Department of Homeland Security (DHS) Appropriations Act* (P.L. 114-113), and the accompanying House Report 113-481, and Senate Report 113-198.

Pursuant to congressional requirements, this report is being provided to the following Members of Congress:



The Honorable John R. Carter  
Chairman, House Appropriations Subcommittee on Homeland Security

The Honorable Lucille Roybal-Allard  
Ranking Member, House Appropriations Subcommittee on Homeland Security

The Honorable John Hoeven  
Chairman, Senate Appropriations Subcommittee on Homeland Security

The Honorable Jeanne Shaheen  
Ranking Member, Senate Appropriations Subcommittee on Homeland Security

Inquiries relating to this report may be directed to me at (202) 646-3900 or to the Department’s Deputy Under Secretary for Management and Chief Financial Officer, Chip Fulghum, at (202) 447-5751.

Sincerely,

A handwritten signature in blue ink, appearing to read "W. Craig Fugate". The signature is fluid and cursive, with a long horizontal line extending to the right.

W. Craig Fugate  
Administrator  
Federal Emergency Management Agency



# Disaster Relief Fund: Monthly Report Through July 31, 2016

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# I. Legislative Language

This document has been compiled pursuant to language set forth in the *Fiscal Year (FY) 2016 Department of Homeland Security (DHS) Appropriations Act* (P.L. 114-113), and the accompanying House Report 113-481, and Senate Report 113-198.

The language in P.L. 114-113 states:

*Provided*, That the reporting requirements in paragraphs (1) and (2) under the heading "Federal Emergency Management Agency, Disaster Relief Fund" in the Department of Homeland Security Appropriations Act, 2015 (Public Law 114-4) shall be applied in fiscal year 2016 with respect to budget year 2017 and current fiscal year 2016, respectively, by substituting "fiscal year 2017" for "fiscal year 2016" in paragraph (1)...

The language in House Report 113-481 states:

A provision is continued in the bill stating the information and timeframes in which FEMA must report to the Committees on the DRF. A report on the obligation of funds for disaster readiness and support, including quarterly updates, is required in Title V of this Act. The Committee continues statutory requirements for annual and monthly DRF reporting as originally directed in Public Law 112-74 and Public Law 113-2.

The language in Senate Report 113-198 states:

The Committee includes bill language requiring an expenditure plan and semiannual reports (reduced from the previous quarterly requirement) for disaster readiness and support costs; and a monthly report on disaster relief expenditures.

P.L. 114-4 (referenced above) states:

*Provided*, That the Administrator of the Federal Emergency Management Agency shall submit to the Committees on Appropriations of the Senate and the House of Representatives the following reports, including a specific description of the methodology and the source data used in developing such reports...

- (1) an estimate of the following amounts shall be submitted for the budget year at the time that the President's budget proposal for fiscal year 2016 is submitted pursuant to section 1105(a) of title 31, United States Code...
- (2) an estimate or actual amounts, if available, of the following for the current fiscal year shall be submitted not later than the fifth day of each month, and shall be published by the Administrator on the

Agency's Web site not later than the fifth day of each month:

(A) a summary of the amount of appropriations made available by source, the transfers executed, the previously allocated funds recovered, and the commitments, allocations, and obligations made;

(B) a table of disaster relief activity delineated by month, including-

(i) the beginning and ending balances;

(ii) the total obligations to include amounts obligated for fire assistance, emergencies, surge, and disaster support activities;

(iii) the obligations for catastrophic events delineated by event and by state; and

(iv) the amount of previously obligated funds that are recovered;

(C) a summary of allocations, obligations, and expenditures for catastrophic events delineated by event;

(D) in addition, for a disaster declaration related to Hurricane Sandy, the cost of the following categories of spending: public assistance, individual assistance, mitigations, administrative, operations, and any other relevant category (including emergency measures and disaster resources); and

(E) the date on which funds appropriated will be exhausted...

This report covers activities as of July 31, 2016.

## II. Background

P. L. 114-113 requires that the FEMA Administrator provide a report by the fifth day of each month on the Disaster Relief Fund (DRF) that includes a funding summary, a table delineating the DRF funding activities each month by state and event, a summary of the funding for the catastrophic events, and an estimate of the date on which the funds will be exhausted.

Consequently, the following report elements are included:

1. Appendix A is an appropriations summary that includes a synopsis of the amount of appropriations made available by source, the transfers executed, the previously allocated funds recovered, and the commitments, allocations, and obligations.
2. Appendix B presents details on the DRF funding activities delineated by month.
3. Appendix C presents Hurricane Sandy FY 2016 estimates by spending categories.
4. Appendix D presents funding summaries for the current active catastrophic events including the allocations, obligations, and expenditures.
5. Appendix E presents the estimate of the fund exhaustion date, or projected end-of-fiscal-year balance.
6. Appendix F presents a bridge table that provides explanation for the monthly and baseline change for all activities to include details for catastrophic events.

**Department of Homeland Security - Federal Emergency Management Agency**  
**Disaster Relief Fund Congressional Monthly Report**  
**As of July 31, 2016**  
(Dollars in Millions)

	Base	Major Declarations	Total
Carryover From FY 15	\$ 2,184	\$ 3,133	\$ 5,317
FY 16 Appropriation <sup>(1)</sup>	661	6,713	7,374
FY 16 Recoveries	359	159	518
<b>Total Budget Authority</b>	<b>3,204</b>	<b>10,005</b>	<b>13,209</b>
Rescission <sup>(1)</sup>	(1,022)	-	(1,022)
Transfer to OIG <sup>(1)</sup>	(24)	-	(24)
Transfer to USAID <sup>(2)</sup>	(12)	-	(12)
<b>Revised Budget Authority</b>	<b>2,146</b>	<b>10,005</b>	<b>12,151</b>
Obligations	(405)	(7,965)	(8,370)
<b>Balance <sup>(3)</sup></b>	<b>1,741</b>	<b>2,040</b>	<b>3,781</b>
<b>Projections for the Remainder of FY 16</b>			
Projected FY 16 Additional Obligations			
Based on Existing Spend Plans			
Non-Catastrophic Disasters		(487)	(487)
Catastrophic Disasters		(448)	(448)
DRS and Other	(114)	-	(114)
<b>Subtotal Existing Spend Plans</b>	<b>(114)</b>	<b>(935)</b>	<b>(1,049)</b>
Based on 10 year Average			
Non-Catastrophic Disasters	-	(110)	(110)
EM, FMAG and Surge	(313)	-	(313)
<b>Subtotal 10-year Average</b>	<b>(313)</b>	<b>(110)</b>	<b>(423)</b>
<b>Total Projected FY 16 Additional Obligations</b>	<b>(427)</b>	<b>(1,045)</b>	<b>(1,472)</b>
Projected Additional Recoveries	66	36	102
<b>Projected Balance at September 30, 2016 <sup>(4)</sup></b>	<b>\$ 1,380</b>	<b>\$ 1,031</b>	<b>\$ 2,411</b>

**Notes:**

(1) Pursuant to P.L. 114-113, DHS Appropriations Act, 2016.

(2) Transfer to USAID for Compact Aid Agreements.

(3) As of July 31, 2016 unobligated commitments totaled \$65M and uncommitted/unobligated allocations totaled \$38M.

(4) The projected end-of-year balance is not reduced by the \$1B reserve shown in previous reports. FEMA continuously monitors both current and projected DRF balances and if conditions warrant, will take steps to ensure that a sufficient balance is kept in reserve for initial response to a no-notice or catastrophic event.

**Disaster Relief Fund Monthly Obligations FY 2016**  
**DRF Monthly Spend Plan (FY 2016)**  
(\$ in millions)  
As of July 31, 2016

	<u>Oct-15</u>	<u>Nov-15</u>	<u>Dec-15</u>	<u>Jan-16</u>	<u>Feb-16</u>	<u>Mar-16</u>	<u>Apr-16</u>	<u>May-16</u>	<u>Jun-16</u>	<u>Jul-16</u>	<u>Aug-16</u>	<u>Sep-16</u>	<u>Total</u>
<b>Beginning of Month DRF Balance<sup>(1)</sup></b>	\$ 5,280	\$ 11,716	9,853	\$ 8,683	\$ 7,617	\$ 7,144	\$ 6,690	\$ 6,243	\$ 5,794	\$ 5,439	\$ 3,781	\$ 3,253	
<b>FY 2016 Appropriation<sup>(2)</sup></b>	7,033			341									
<b>OIG Transfer<sup>(2)</sup></b>				(24)									
<b>Rescission<sup>(2)</sup></b>				(1,022)									
<b>Transfer to USAID<sup>(3)</sup></b>								(12)					
<b>Total Available Beginning of Month</b>	12,313	11,716	9,853	7,978	7,617	7,144	6,690	6,231	5,794	5,439	3,781	3,253	
<b>Major Declarations</b>	9,534	8,903	7,033	6,141	5,793	5,329	4,881	4,438	4,013	3,681	2,040	1,585	
<b>Base</b>	2,779	2,813	2,820	1,837	1,824	1,815	1,809	1,793	1,781	1,758	1,741	1,668	
<b>DRF Base Activities<sup>(4)</sup></b>													
<b>Emergencies</b>													
Monthly Actual/Estimated Obligations	-	(1)	-	(7)	(5)	(2)	(7)	-	(1)	-	(28)	(167)	(218)
<b>Fire Management</b>													
Monthly Actual/Estimated Obligations	(2)	(1)	(11)	(5)	(1)	(1)	(2)	(14)	(33)	(6)	(17)	(37)	(130)
<b>Surge</b>													
Monthly Actual/Estimated Obligations	(3)	(1)	-	(1)	-	-	(1)	-	-	-	(9)	(55)	(70)
<b>Disaster Support &amp; Other Activities</b>													
DRS Monthly Actual/Estimated Obligations	(1)	(19)	(20)	(24)	(37)	(34)	(38)	(30)	(41)	(25)	(37)	(36)	(342)
Other Monthly Actual/Estimated Obligations	-	(2)	(10)	(2)	(1)	(9)	(2)	(3)	(1)	(1)	(15)	(26)	(72)
Monthly Actual/Estimated Obligations	(1)	(21)	(30)	(26)	(38)	(43)	(40)	(33)	(42)	(26)	(52)	(62)	(414)
<b>Actual/Estimated Base Obligations</b>	(6)	(24)	(41)	(39)	(44)	(46)	(50)	(47)	(76)	(32)	(106)	(321)	(832)
<b>DRF DR Activities</b>													
<b>Average Monthly Major DR Activity (Non-Cat.)</b>													
Monthly Actual/Estimated Obligations	(242)	(261)	(336)	(238)	(142)	(344)	(253)	(243)	(230)	(250)	(304)	(293)	(3,136)
<b>Gustav</b>													
<b>Initial FY16 Spend Plan</b>	(3)	(3)	(1)	(2)	(4)	(2)	(2)	(5)	(1)	(2)	(1)	(1)	(27)
Monthly Actual/Estimated Obligations	(2)	(3)	(2)	(6)	(2)	(2)	(7)	(7)	(6)	(2)	(10)	(4)	(53)
<b>Ike</b>													
<b>Initial FY16 Spend Plan</b>	(22)	(14)	(6)	(17)	(27)	(2)	(3)	(1)	(1)	(5)	(1)	(7)	(106)
Monthly Actual/Estimated Obligations	(14)	(11)	(21)	(11)	(2)	(9)	(13)	(8)	(6)	(4)	(10)	(7)	(116)
<b>Katrina Rita Wilma</b>													
<b>Initial FY16 Spend Plan</b>	(58)	(69)	(54)	(66)	(67)	(45)	(35)	(45)	(25)	(42)	(34)	(113)	(653)
Monthly Actual/Estimated Obligations	(58)	(53)	(17)	(16)	(19)	(32)	(31)	(64)	(50)	(1,338)	(94)	(39)	(1,811)
<b>Midwest Floods</b>													
<b>Initial FY16 Spend Plan</b>	(1)	(4)	(4)	(4)	(7)	(3)	(1)	(1)	-	-	-	-	(25)
Monthly Actual/Estimated Obligations	-	-	(2)	(6)	(2)	(2)	(2)	-	(2)	(1)	-	(3)	(20)
<b>TN Floods</b>													
<b>Initial FY16 Spend Plan</b>	-	-	(1)	(2)	(1)	(2)	(1)	(3)	-	-	-	-	(10)
Monthly Actual/Estimated Obligations	-	-	-	-	(1)	(3)	(1)	(3)	(1)	(1)	(1)	(2)	(13)
<b>2011 Spring Tornados</b>													
<b>Initial FY16 Spend Plan</b>	(3)	(1)	(1)	-	(1)	-	(1)	(2)	(1)	(2)	(1)	-	(13)
Monthly Actual/Estimated Obligations	(1)	(1)	-	(3)	-	(1)	-	(1)	(1)	(1)	(3)	(3)	(15)



**Disaster Relief Fund Monthly Obligations FY 2016**  
**DRF Monthly Spend Plan (FY 2016)**  
(\$ in millions)  
As of July 31, 2016

	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Total
<b>2011 Spring Floods</b>													
<b>Initial FY16 Spend Plan</b>	(1)	(3)	(2)	-	(1)	(2)	-	(4)	(1)	(1)	-	(5)	(20)
Monthly Actual/Estimated Obligations	(4)	(4)	(5)	-	(1)	(2)	-	(4)	(1)	(1)	-	(6)	(28)
<b>Irene</b>													
<b>Initial FY16 Spend Plan</b>	(4)	(10)	(10)	(5)	(3)	(14)	(3)	(13)	(5)	(3)	(2)	(1)	(73)
Monthly Actual/Estimated Obligations	(4)	(4)	(7)	(4)	(4)	(4)	(4)	(9)	(6)	(9)	(5)	(3)	(63)
<b>Lee</b>													
<b>Initial FY16 Spend Plan</b>	(3)	(4)	(5)	(12)	(1)	(1)	(11)	(1)	-	(5)	-	(1)	(44)
Monthly Actual/Estimated Obligations	-	(1)	(3)	(1)	(34)	(21)	-	-	-	(2)	(1)	-	(63)
<b>Isaac</b>													
<b>Initial FY16 Spend Plan</b>	(7)	(3)	(3)	(4)	(2)	(3)	(4)	(8)	(4)	(1)	(3)	-	(42)
Monthly Actual/Estimated Obligations	-	(8)	(1)	(2)	(4)	(6)	(2)	(3)	(1)	(1)	(2)	(8)	(38)
<b>Sandy</b>													
<b>Initial FY16 Spend Plan</b>	(409)	(1,304)	(1,445)	(269)	(127)	(272)	(175)	(88)	(36)	(141)	(32)	(60)	(4,358)
Monthly Actual/Estimated Obligations	(317)	(1,593)	(786)	(72)	(266)	(49)	(137)	(88)	(39)	(33)	(40)	(197)	(3,617)
<b>2013 Colorado Flood</b>													
<b>Initial FY16 Spend Plan</b>	(10)	(1)	(6)	(4)	(8)	(5)	(9)	(2)	(3)	(8)	(1)	(1)	(58)
Monthly Actual/Estimated Obligations	(10)	(1)	(2)	(4)	(1)	(4)	(1)	(2)	(1)	(1)	(3)	(7)	(37)
<b>Total Catastrophic Actual/Estimated Obligations</b>	<b>(410)</b>	<b>(1,679)</b>	<b>(846)</b>	<b>(125)</b>	<b>(336)</b>	<b>(135)</b>	<b>(198)</b>	<b>(189)</b>	<b>(114)</b>	<b>(1,394)</b>	<b>(169)</b>	<b>(279)</b>	<b>(5,874)</b>
<b>Total DR Actual/Estimated Obligations</b>	<b>(652)</b>	<b>(1,940)</b>	<b>(1,182)</b>	<b>(363)</b>	<b>(478)</b>	<b>(479)</b>	<b>(451)</b>	<b>(432)</b>	<b>(344)</b>	<b>(1,644)</b>	<b>(473)</b>	<b>(572)</b>	<b>(9,010)</b>
<b>FY16 Recoveries</b>													
<b>Monthly Recoveries</b>	61	64	53	41	49	71	54	42	65	18	51	51	620
Major declarations	21	33	15	15	14	31	8	7	12	3	18	18	195
Base	40	31	38	26	35	40	46	35	53	15	33	33	425
<b>Reserve for No-Notice Event</b>													
<b>DRF Available at End of Month (Including Recoveries)<sup>(5)</sup></b>	<b>\$ 11,716</b>	<b>\$ 9,816</b>	<b>\$ 8,683</b>	<b>\$ 7,617</b>	<b>\$ 7,144</b>	<b>\$ 6,690</b>	<b>\$ 6,243</b>	<b>\$ 5,794</b>	<b>\$ 5,439</b>	<b>\$ 3,781</b>	<b>\$ 3,253</b>	<b>\$ 2,411</b>	

Actual

Estimate

NOTES:

(1) December FY 2016 beginning balance increased by \$37M to include FY 2015 carryover adjustments that were made after final closeout of the accounting system.

(2) Pursuant to P.L. 114-113, DHS Appropriations Act, 2016, \$1,022 rescinded, \$24M transferred to DHS OIG.

(3) Transfer to USAID for Compact Aid Agreements.

(4) Month-to-month projections for Base and Non-Cat activities (excluding DRS) are based on historical averages.

(5) The projected end-of-year balance is not reduced by the \$1B reserve shown in previous reports. FEMA continuously monitors both current and projected DRF balances and if conditions warrant, will take steps to ensure that a sufficient balance is kept in reserve for initial response to a no-notice or catastrophic event.

Disaster Relief Fund Monthly Detailed Obligations FY 2016

(\$ in millions)

Event/DR	Cumulative Obligations Thru FY15 <sup>(1)</sup>	October	November	December	January	February	March	April	May	June	July	August	September	FY16 Total
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Estimated	Estimated	
<b>Gustav</b>														
1786-LA	\$ (1,597)	\$ (2)	\$ (3)	\$ (2)	\$ (6)	\$ (2)	\$ (2)	\$ (7)	\$ (7)	\$ (6)	\$ (2)	\$ (10)	\$ (4)	\$ (53)
1789-AL	(10)	-	-	-	-	-	-	-	-	-	-	-	-	-
1793-AR	(6)	-	-	-	-	-	-	-	-	-	-	-	-	-
1794-MS	(42)	-	-	-	-	-	-	-	-	-	-	-	-	-
1806-FL	(7)	-	-	-	-	-	-	-	-	-	-	-	-	-
Emergencies	(66)	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>(1,728)</b>	<b>(2)</b>	<b>(3)</b>	<b>(2)</b>	<b>(6)</b>	<b>(2)</b>	<b>(2)</b>	<b>(7)</b>	<b>(7)</b>	<b>(6)</b>	<b>(2)</b>	<b>(10)</b>	<b>(4)</b>	<b>(53)</b>
<b>Ike</b>														
1791-TX	(4,312)	(14)	(10)	(21)	(10)	(1)	(3)	(11)	(5)	(5)	(4)	(10)	(2)	(96)
1792-LA	(339)	-	(1)	-	(1)	(1)	(6)	(2)	(3)	(1)	-	-	(5)	(20)
1797-AL	(8)	-	-	-	-	-	-	-	-	-	-	-	-	-
1802-KY	(24)	-	-	-	-	-	-	-	-	-	-	-	-	-
1804-AR	(3)	-	-	-	-	-	-	-	-	-	-	-	-	-
1805-OH	(56)	-	-	-	-	-	-	-	-	-	-	-	-	-
Emergencies	(44)	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>(4,786)</b>	<b>(14)</b>	<b>(11)</b>	<b>(21)</b>	<b>(11)</b>	<b>(2)</b>	<b>(9)</b>	<b>(13)</b>	<b>(8)</b>	<b>(6)</b>	<b>(4)</b>	<b>(10)</b>	<b>(7)</b>	<b>(116)</b>
<b>Katrina Rita Wilma</b>														
1602-FL	(234)	(1)	-	-	-	-	-	1	-	-	-	-	-	-
1603-LA	(30,622)	(45)	(42)	(17)	(13)	(17)	(18)	(26)	(42)	(48)	(1,337)	(93)	(29)	(1,727)
1604-MS	(10,050)	(9)	(2)	-	(2)	-	(4)	(5)	(11)	(1)	-	(1)	(3)	(38)
1605-AL	(1,034)	-	-	-	-	-	-	-	-	-	-	-	-	-
1606-TX	(1,877)	-	-	-	-	-	-	-	-	-	-	-	-	-
1607-LA	(1,897)	(2)	-	-	(1)	(2)	(3)	(1)	-	(1)	-	-	(7)	(17)
1609-FL	(2,554)	(1)	(9)	-	-	-	(7)	-	(11)	-	(1)	-	-	(29)
Emergencies	(798)	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>(49,066)</b>	<b>(58)</b>	<b>(53)</b>	<b>(17)</b>	<b>(16)</b>	<b>(19)</b>	<b>(32)</b>	<b>(31)</b>	<b>(64)</b>	<b>(50)</b>	<b>(1,338)</b>	<b>(94)</b>	<b>(39)</b>	<b>(1,811)</b>
<b>Midwest Floods</b>														
1760-MO	(3)	-	-	-	-	-	-	-	-	-	-	-	-	-
1763-IA	(1,897)	-	-	(2)	(6)	(2)	(2)	(2)	-	(2)	(1)	-	(3)	(20)
1765-NE	(2)	-	-	-	-	-	-	-	-	-	-	-	-	-
1766-IN	(219)	-	-	-	-	-	-	-	-	-	-	-	-	-
1768-WI	(157)	-	-	-	-	-	-	-	-	-	-	-	-	-
1770-NE	(48)	-	-	-	-	-	-	-	-	-	-	-	-	-
1771-IL	(97)	-	-	-	-	-	-	-	-	-	-	-	-	-
1772-MN	(9)	-	-	-	-	-	-	-	-	-	-	-	-	-
1773-MO	(55)	-	-	-	-	-	-	-	-	-	-	-	-	-
1774-SD	(8)	-	-	-	-	-	-	-	-	-	-	-	-	-
1775-OK	(11)	-	-	-	-	-	-	-	-	-	-	-	-	-
1776-KS	(64)	-	-	-	-	-	-	-	-	-	-	-	-	-
1777-MI	(18)	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>(2,588)</b>	<b>-</b>	<b>-</b>	<b>(2)</b>	<b>(6)</b>	<b>(2)</b>	<b>(2)</b>	<b>(2)</b>	<b>-</b>	<b>(2)</b>	<b>(1)</b>	<b>-</b>	<b>(3)</b>	<b>(20)</b>

**Disaster Relief Fund Monthly Detailed Obligations FY 2016**

(\$ in millions)

Event/DR	Cumulative Obligations Thru FY15 <sup>(1)</sup>	October	November	December	January	February	March	April	May	June	July	August	September	FY16 Total
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Estimated	Estimated	
<b>TN Floods</b>														
1909-TN	(530)	-	-	-	-	(1)	(3)	(1)	(3)	(1)	(1)	(1)	(2)	(13)
	<b>(530)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(1)</b>	<b>(3)</b>	<b>(1)</b>	<b>(3)</b>	<b>(1)</b>	<b>(1)</b>	<b>(1)</b>	<b>(2)</b>	<b>(13)</b>
<b>2011 Spring Tornadoes</b>														
1971-AL	(708)	-	(1)	-	(3)	-	-	-	(1)	-	-	-	(1)	(6)
1972-MS	(67)	(1)	-	-	-	-	-	-	-	-	-	-	-	(1)
1973-GA	(44)	-	-	-	-	-	-	-	-	-	-	(2)	-	(2)
1974-TN	(92)	-	-	-	-	-	-	-	-	-	-	-	-	-
1975-AR	(104)	-	-	-	-	-	-	-	-	-	-	-	-	-
1976-KY	(60)	-	-	-	-	-	-	-	-	-	-	-	-	-
1980-MO	(521)	-	-	-	-	-	(1)	-	-	(1)	(1)	(1)	(2)	(6)
Emergencies	(1)	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>(1,597)</b>	<b>(1)</b>	<b>(1)</b>	<b>-</b>	<b>(3)</b>	<b>-</b>	<b>(1)</b>	<b>-</b>	<b>(1)</b>	<b>(1)</b>	<b>(1)</b>	<b>(3)</b>	<b>(3)</b>	<b>(15)</b>
<b>2011 Spring Floods</b>														
1981-ND	(619)	(4)	(4)	(5)	-	(1)	(2)	-	(4)	(1)	(1)	-	(6)	(28)
1982-MN	(28)	-	-	-	-	-	-	-	-	-	-	-	-	-
1983-MS	(36)	-	-	-	-	-	-	-	-	-	-	-	-	-
1984-SD	(81)	-	-	-	-	-	-	-	-	-	-	-	-	-
Emergencies	(38)	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>(802)</b>	<b>(4)</b>	<b>(4)</b>	<b>(5)</b>	<b>-</b>	<b>(1)</b>	<b>(2)</b>	<b>-</b>	<b>(4)</b>	<b>(1)</b>	<b>(1)</b>	<b>-</b>	<b>(6)</b>	<b>(28)</b>
<b>Irene</b>														
4017-PR	(136)	-	-	(1)	-	-	-	-	-	-	-	-	-	(1)
4019-NC	(195)	-	-	-	(1)	-	-	-	-	-	-	(1)	-	(2)
4020-NY	(861)	(2)	(3)	(4)	(2)	(2)	(3)	(2)	(8)	(4)	(5)	(4)	(1)	(40)
4021-NJ	(403)	-	(1)	(1)	(1)	(1)	(1)	(1)	-	(1)	(1)	-	(1)	(9)
4022-VT	(322)	(1)	-	(1)	-	-	-	-	(1)	(1)	(3)	-	(1)	(8)
4023-CT	(78)	-	-	-	-	-	-	-	-	-	-	-	-	-
4024-VA	(71)	-	-	-	-	(1)	-	-	-	-	-	-	-	(1)
4025-PA	(101)	-	-	-	-	-	-	-	-	-	-	-	-	-
4026-NH	(27)	-	-	-	-	-	-	(1)	-	-	-	-	-	(1)
4027-RI	(12)	-	-	-	-	-	-	-	-	-	-	-	-	-
4028-MA	(49)	(1)	-	-	-	-	-	-	-	-	-	-	-	(1)
4032-ME	(3)	-	-	-	-	-	-	-	-	-	-	-	-	-
4034-MD	(25)	-	-	-	-	-	-	-	-	-	-	-	-	-
4036-DC	(3)	-	-	-	-	-	-	-	-	-	-	-	-	-
4037-DE	(3)	-	-	-	-	-	-	-	-	-	-	-	-	-
Emergencies	(60)	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>(2,349)</b>	<b>(4)</b>	<b>(4)</b>	<b>(7)</b>	<b>(4)</b>	<b>(4)</b>	<b>(4)</b>	<b>(4)</b>	<b>(9)</b>	<b>(6)</b>	<b>(9)</b>	<b>(5)</b>	<b>(3)</b>	<b>(63)</b>

**Disaster Relief Fund Monthly Detailed Obligations FY 2016**

(\$ in millions)

Event/DR	Cumulative Obligations Thru FY15 (1)	October	November	December	January	February	March	April	May	June	July	August	September	FY16 Total
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Estimated	Estimated	
<b>Lee</b>														
4030-PA	(374)	-	-	-	-	(1)	(2)	-	-	-	-	(1)	-	(4)
4031-NY	(391)	-	(1)	(2)	(1)	(33)	(19)	-	-	-	(2)	-	-	(58)
4038-MD	(13)	-	-	-	-	-	-	-	-	-	-	-	-	-
4039-NJ	(6)	-	-	-	-	-	-	-	-	-	-	-	-	-
4041-LA	(7)	-	-	(1)	-	-	-	-	-	-	-	-	-	(1)
4045-VA	(8)	-	-	-	-	-	-	-	-	-	-	-	-	-
Emergencies	(2)	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>(801)</b>	<b>-</b>	<b>(1)</b>	<b>(3)</b>	<b>(1)</b>	<b>(34)</b>	<b>(21)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(2)</b>	<b>(1)</b>	<b>-</b>	<b>(63)</b>
<b>Isaac</b>														
4080-LA	(670)	-	(2)	(1)	(2)	(4)	(6)	(2)	(1)	(1)	(1)	-	(7)	(27)
4081-MS	(92)	-	(1)	-	-	-	-	-	(2)	-	-	-	(1)	(4)
4082-AL	(9)	-	-	-	-	-	-	-	-	-	-	(1)	-	(1)
4084-FL	(25)	-	(5)	-	-	-	-	-	-	-	-	(1)	-	(6)
Emergencies	(10)	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>(806)</b>	<b>-</b>	<b>(8)</b>	<b>(1)</b>	<b>(2)</b>	<b>(4)</b>	<b>(6)</b>	<b>(2)</b>	<b>(3)</b>	<b>(1)</b>	<b>(1)</b>	<b>(2)</b>	<b>(8)</b>	<b>(38)</b>
<b>Sandy</b>														
4085-NY	(12,466)	(266)	(1,550)	(776)	(57)	(260)	(45)	(130)	(85)	(24)	(25)	(34)	(180)	(3,432)
4086-NJ	(2,961)	(48)	(40)	(7)	(14)	(6)	(4)	(6)	(3)	(15)	(8)	(5)	(13)	(169)
4087-CT	(114)	(2)	(1)	(3)	(1)	-	-	(1)	-	-	-	-	(2)	(10)
4089-RI	(17)	(1)	(1)	-	-	-	-	-	-	-	-	-	-	(2)
4090-DE	(8)	-	-	-	-	-	-	-	-	-	-	-	-	-
4091-MD	(48)	-	-	-	-	-	-	-	-	-	-	-	-	-
4092-VA	(14)	-	-	-	-	-	-	-	-	-	-	-	-	-
4093-WV	(23)	-	-	-	-	-	-	-	-	-	-	-	-	-
4095-NH	(3)	-	-	-	-	-	-	-	-	-	-	-	-	-
4096-DC	(3)	-	-	-	-	-	-	-	-	-	-	-	-	-
4097- MA	(16)	-	-	-	-	-	-	-	-	-	-	(1)	(2)	(3)
4098-OH	(23)	-	(1)	-	-	-	-	-	-	-	-	-	-	(1)
4099-PA	(17)	-	-	-	-	-	-	-	-	-	-	-	-	-
Emergencies	(26)	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>(15,739)</b>	<b>(317)</b>	<b>(1,593)</b>	<b>(786)</b>	<b>(72)</b>	<b>(266)</b>	<b>(49)</b>	<b>(137)</b>	<b>(88)</b>	<b>(39)</b>	<b>(33)</b>	<b>(40)</b>	<b>(197)</b>	<b>(3,617)</b>
<b>2013 Colorado Flood</b>														
4145-CO	(587)	(10)	(1)	(2)	(4)	(1)	(4)	(1)	(2)	(1)	(1)	(3)	(7)	(37)
	<b>(587)</b>	<b>(10)</b>	<b>(1)</b>	<b>(2)</b>	<b>(4)</b>	<b>(1)</b>	<b>(4)</b>	<b>(1)</b>	<b>(2)</b>	<b>(1)</b>	<b>(1)</b>	<b>(3)</b>	<b>(7)</b>	<b>(37)</b>
<b>TOTAL</b>	<b>\$ (81,379)</b>	<b>\$ (410)</b>	<b>\$ (1,679)</b>	<b>\$ (846)</b>	<b>\$ (125)</b>	<b>\$ (336)</b>	<b>\$ (135)</b>	<b>\$ (198)</b>	<b>\$ (189)</b>	<b>\$ (114)</b>	<b>\$ (1,394)</b>	<b>\$ (169)</b>	<b>\$ (279)</b>	<b>\$ (5,874)</b>

NOTES:

(1) Adjusted for recoveries occurring in FY 2016 against prior-year obligations.

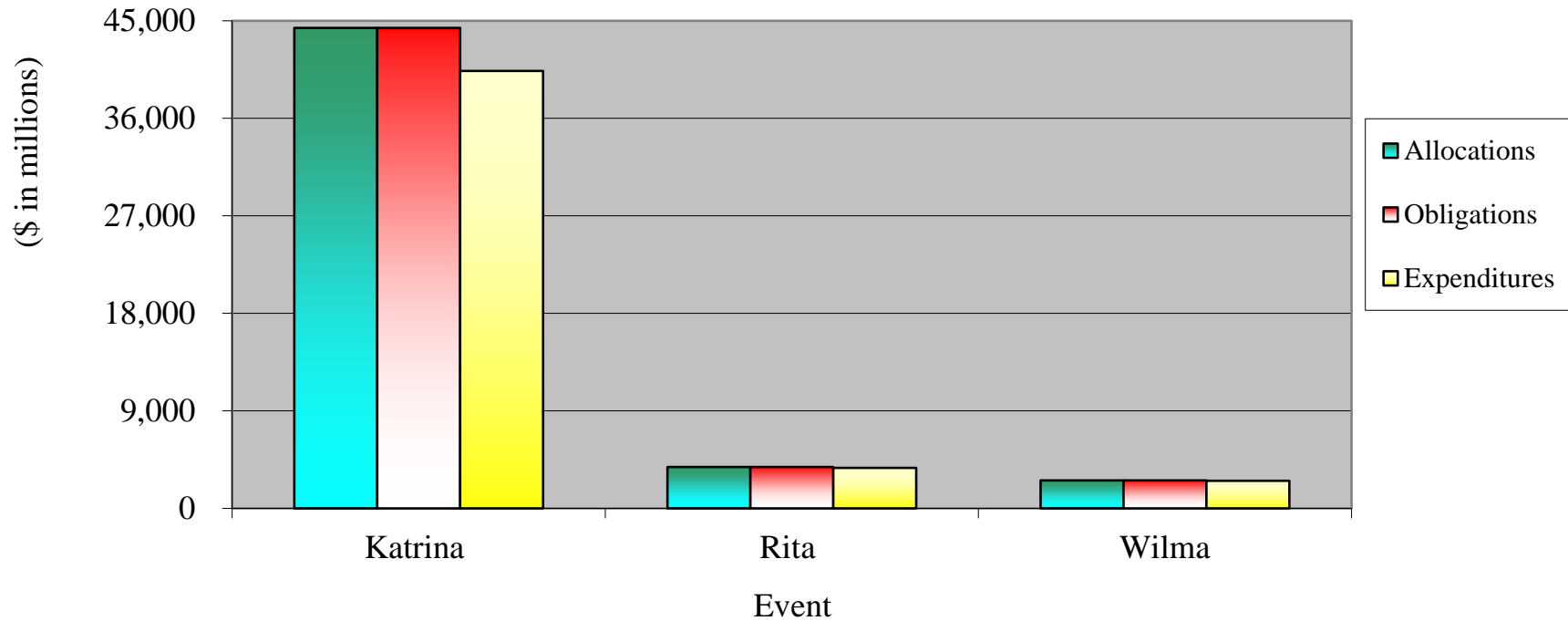
Hurricane Sandy FY 2016 Actuals/Estimates  
As of July 31, 2016  
(\$ in Millions)

Category	Cumulative Obligations Thru 2015 <sup>(1)</sup>	Actual 1st Qtr	Actual 2nd Qtr	Actual 3rd Qtr	Actual/Estimated 4th Qtr	Fiscal Year 2016 Totals	Totals Thru FY 2016
Public Assistance	\$ 11,679	\$ 2,623	\$ 339	\$ 120	\$ 207	\$ 3,289	\$ 14,968
Individual Assistance	1,632	-	-	2	-	2	1,634
Mitigation	792	38	34	112	53	237	1,029
Operations	324	1	-	-	-	1	325
Administrative	1,312	34	14	30	10	88	1,400
<b>Total</b>	<b>\$ 15,739</b>	<b>\$ 2,696</b>	<b>\$ 387</b>	<b>\$ 264</b>	<b>\$ 270</b>	<b>\$ 3,617</b>	<b>\$ 19,356</b>

(1) Adjusted for recoveries occurring in FY 2016 against prior-year obligations.

As of July 31, 2016

### Allocations, Obligations and Expenditures for Katrina, Rita, and Wilma (Cumulative)

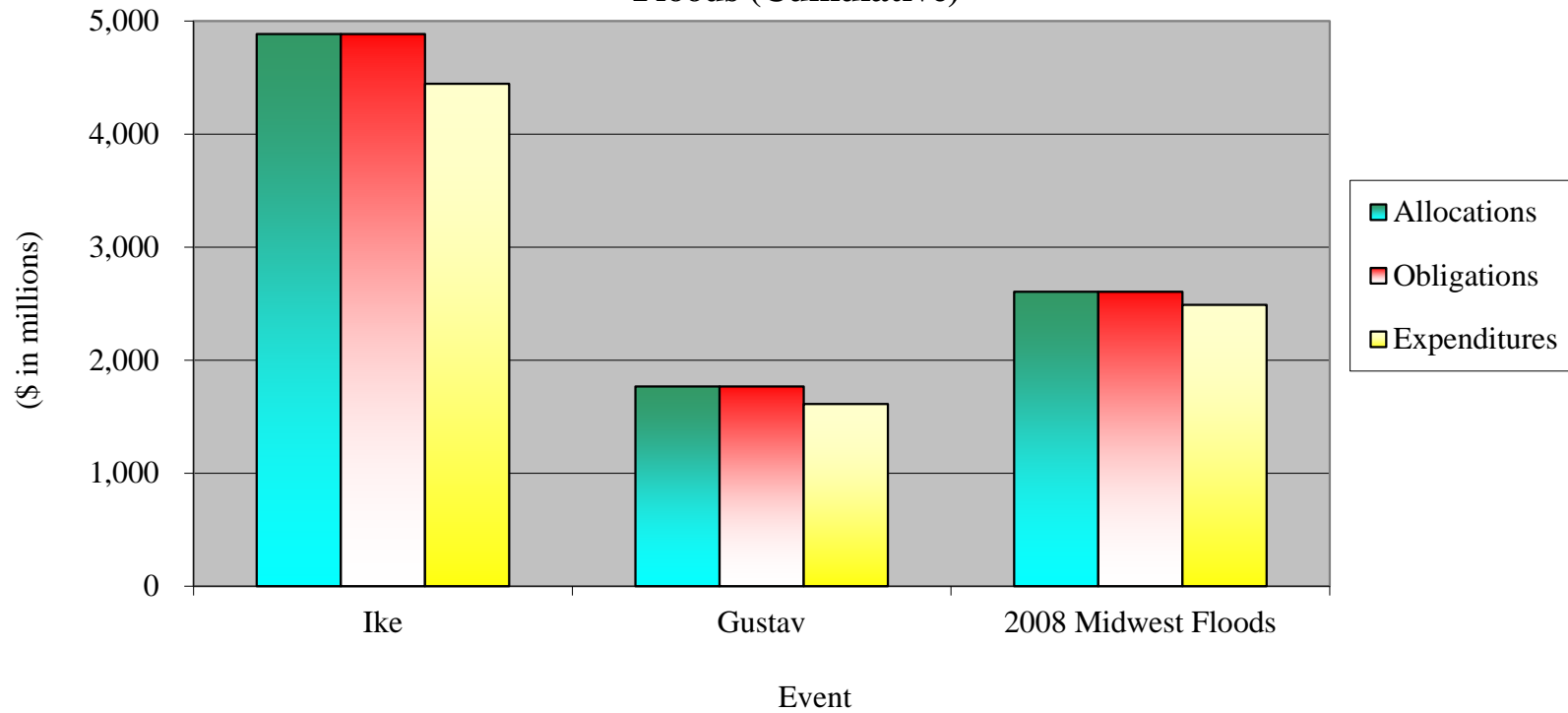


	<b>Katrina</b>	<b>Rita</b>	<b>Wilma</b>	<b>Total</b>
<b>Allocations</b>	\$ 44,345	\$ 3,818	\$ 2,582	\$ 50,745
<b>Obligations</b>	44,344	3,818	2,582	50,744
<b>Expenditures</b>	\$ 40,372	\$ 3,737	\$ 2,546	\$ 46,655

Source of financial information is IFMIS. Total obligations include prior-year deobligations.

As of July 31, 2016

### Allocations, Obligations and Expenditures for Ike, Gustav, & 2008 Midwest Floods (Cumulative)

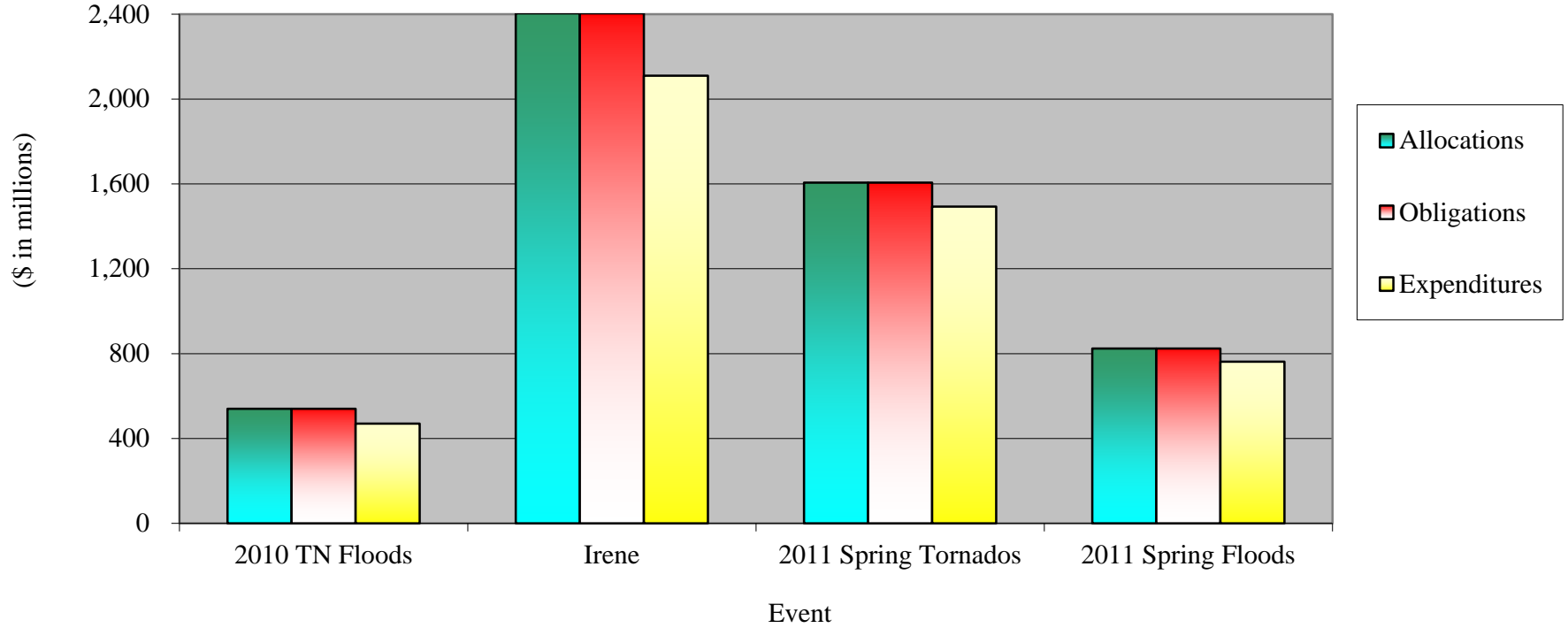


	Ike	Gustav	2008 Midwest Floods	Total
<b>Allocations</b>	\$ 4,885	\$ 1,767	\$ 2,605	\$ 9,257
<b>Obligations</b>	4,885	1,767	2,605	9,257
<b>Expenditures</b>	\$ 4,445	\$ 1,612	\$ 2,489	\$ 8,546

Source of financial information is IFMIS. Total obligations include prior-year deobligations.

As of July 31, 2016

**Allocations, Obligations and Expenditures for 2010 TN Floods, Irene, 2011 Spring Tornadoes, 2011 Spring Floods (Cumulative)**



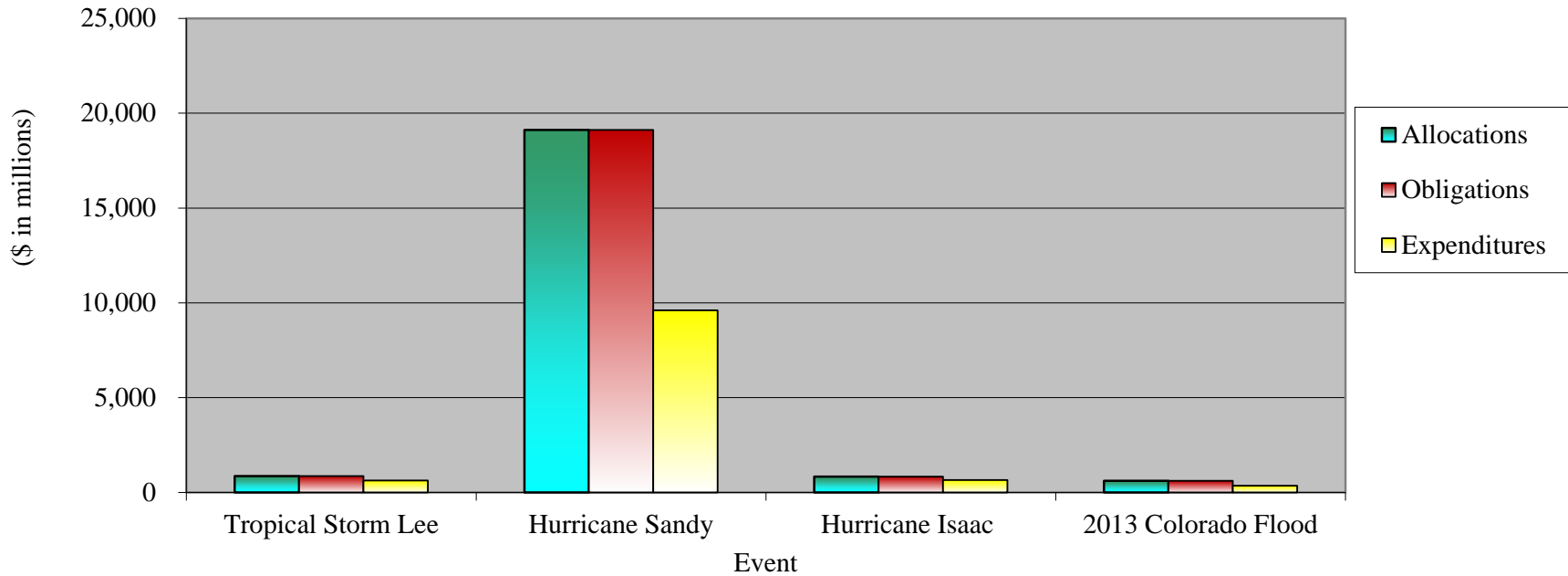
	2010 TN Floods	Irene	2011 Spring Tornadoes	2011 Spring Floods	Total
<b>Allocations</b>	\$ 540	\$ 2,404	\$ 1,606	\$ 824	\$ 5,374
<b>Obligations</b>	540	2,404	1,606	824	5,374
<b>Expenditures</b>	\$ 470	\$ 2,110	\$ 1,493	\$ 762	\$ 4,835

Source of financial information is IFMIS. Total obligations include prior-year deobligations.



As of July 31, 2016

**Allocations, Obligations and Expenditures for  
Tropical Storm Lee, Hurricanes Sandy & Isaac, & CO Flood (Cumulative)**

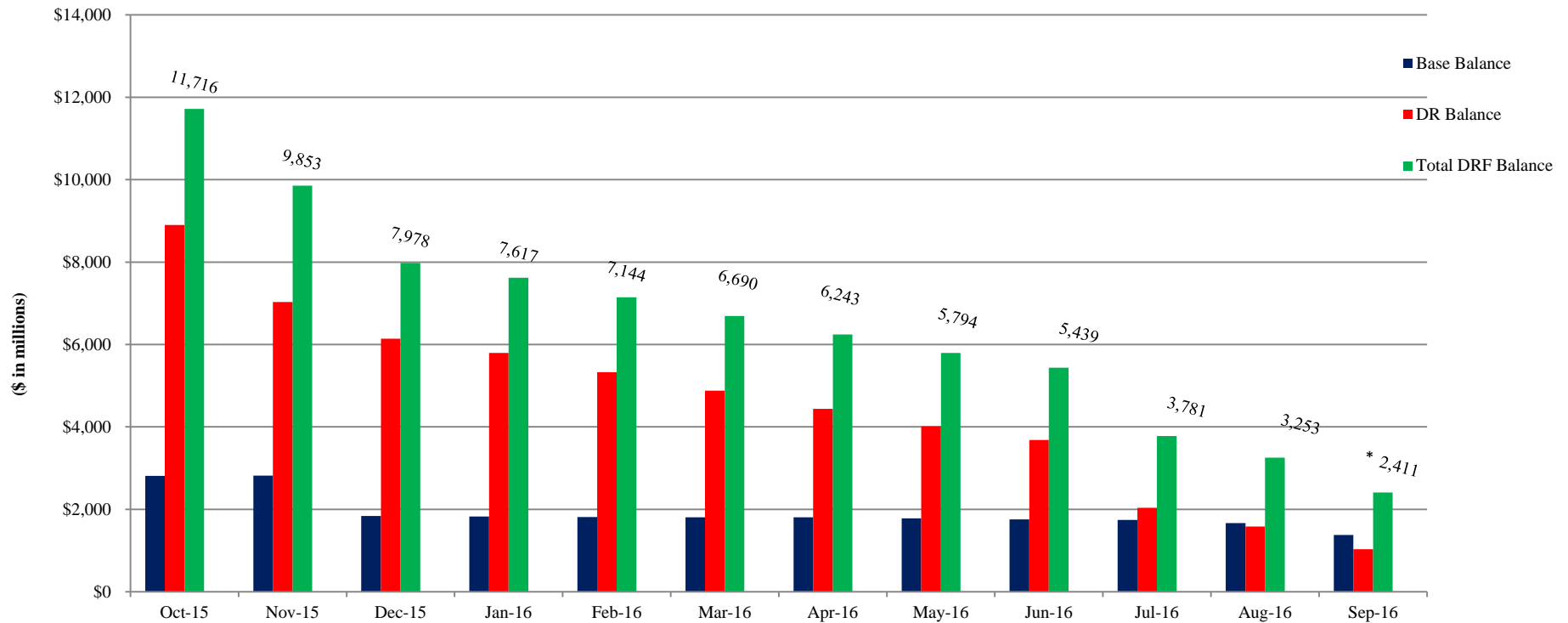


	Tropical Storm Lee	Hurricane Sandy	Hurricane Isaac	2013 Colorado Flood	Total
<b>Allocations</b>	\$ 863	\$ 19,119	\$ 834	\$ 614	\$ 21,430
<b>Obligations</b>	863	19,119	834	614	21,430
<b>Expenditures</b>	\$ 630	\$ 9,606	\$ 655	\$ 356	\$ 11,247

Source of financial information is IFMIS. Total obligations include prior-year deobligations.

As of July 31, 2016

## DRF End-of-Month Balance (Based on Obligations and Recoveries)



\* The projected end-of-year balance is not reduced by the \$1B reserve shown in previous reports. FEMA continuously monitors both current and projected DRF balances and if conditions warrant, will take steps to ensure that a sufficient balance is kept in reserve for initial response to a no-notice or catastrophic event.

(1) Includes FY 2016 funding for the following major disaster events:

- Hurricanes Katrina/Rita/Wilma
- Hurricane Gustav
- Hurricane Ike
- Midwest Flooding
- 2010 TN Flooding
- 2011 Spring Tornadoes
- 2011 Spring Floods
- Hurricane Irene
- Tropical Storm Lee
- Hurricane Isaac
- Hurricane Sandy
- 2013 Colorado Flood

(2) Month-to-month projections for Base and Non-Cat activities (excluding DRS) are based on historical averages.

(3) Estimates based on July 2016 FEMA Spend Plans.

APPENDIX F: FY 2016 DRF Bridge Table

FY 2016 DRF Bridge Table

Event	FY 2016 Estimated Total Obligations (\$ in millions)					Changes from Baseline		Month-to-Month Change
	Baseline*	Current Month as of Jul-16	Previous Month as of Jun-16	Change from Baseline	Change from Prior Month	Cause/Reason	Cause/Reason	
<b>DRF Base Activities</b>								
Emergencies	218	218	218	-	-	No adjustments at this time.	No adjustments at this time.	
Fire Management	130	130	130	-	-	No adjustments at this time.	No adjustments at this time.	
Surge	70	70	70	-	-	No adjustments at this time.	No adjustments at this time.	
Disaster Support & Other Activities Total	414	414	414	-	-	No adjustments at this time.	No adjustments at this time.	
DRS	342	342	342	-	-			
Other Activities	72	72	72	-	-			
Base Sub-Total	<u>832</u>	<u>832</u>	<u>832</u>	<u>-</u>	<u>-</u>			
<b>DRF DR Activities</b>								
Average Monthly Major DR Activity (Non-Cat)	3,136	3,136	3,136	-	-	No adjustments at this time.	No adjustments at this time.	
Gustav	27	53	48	26	5	Activity in 1786 LA: Public Assistance: \$17M increase primarily for statewide closeout version requests and insurance adjustments. Hazard Mitigation: \$12M net increase primarily due to accelerated safe room, elevation, and drainage projects as well as cost overruns in 1786 LA. Other Activity: (\$3M).	Activity in 1786 LA: Hazard Mitigation: \$5M increase primarily due to accelerated drainage and elevation projects.	
Ike	106	116	120	10	(4)	Public Assistance: \$12M net increase primarily due to projects for Galveston County and project closeouts in 1791 TX; (\$11M) decrease due to an unrealized appeal in 1791 TX; \$3M increase primarily for a Cameron School Board Project in 1792 LA. Hazard Mitigation: \$2M net increase primarily due to generator and drainage projects in 1792 LA; \$1M net increase primarily due to safe room projects in 1791 TX. Administration: \$1M increase for a technical assistance contract in 1791 TX. Other Activity: \$2M.	Hazard Mitigation: (\$4M) decrease primarily due to safe room and cost overrun project delays in 1791 TX.	
Katrina Rita Wilma	653	1,811	1,857	1,158	(46)	Public Assistance: \$1,201M net increase primarily due to 428 PAAP capped grants associated with the City of New Orleans roads and bridges and Sewage and Water Board projects in 1603 LA; \$8M net increase due to an appeal and cost overruns in 1609 FL; (\$7M) net decrease primarily due to project withdraws, delays, and cost reductions in 1607 LA; \$6M net increase for project costs and appeals in 1604 MS. Hazard Mitigation: (\$35M) net decrease primarily due to phased project delays in 1603 LA; (\$17M) decrease primarily due to delayed safe room projects in 1604 MS. Administration: \$1M net increase for a technical assistance contract in 1603 LA. Other Activity: \$1M.	Public Assistance: (\$44M) net decrease primarily due to City of New Orleans Templeman facilities and other project delays in 1603 LA; (\$5M) decrease due to project withdraws and delays in 1607 LA. Hazard Mitigation: \$3M net increase primarily due to accelerated drainage and elevation projects in 1603 LA.	
Midwest Floods	25	20	20	(5)	-	Activity in 1763 IA: Public Assistance: \$2M net increase for scope adjustments for the University of Iowa; \$2M increase for City of Cedar Rapids closeout costs. Hazard Mitigation: (\$10M) decrease for unrealized program costs and cost underruns. Administration: \$2M increase for salaries and benefits. Other Activity: (\$1M).	No adjustments at this time.	
TN Floods	10	13	13	3	-	Activity in 1909 TN: Public Assistance: \$2M increase primarily due to an appeal. Hazard Mitigation: \$1M increase for cost overruns.	No adjustments at this time.	

APPENDIX F: FY 2016 DRF Bridge Table

FY 2016 DRF Bridge Table

Event	FY 2016 Estimated Total Obligations (\$ in millions)					Changes from Baseline		Month-to-Month Change
	Baseline*	Current Month as of Jul-16	Previous Month as of Jun-16	Change from Baseline	Change from Prior Month	Cause/Reason	Cause/Reason	
2011 Spring Tornadoes	13	15	18	2	(3)	Public Assistance: \$2M net increase primarily due to insurance in 1971 AL; \$1M increase for closeout costs in 1980 MO. Hazard Mitigations: \$1M increase for an acquisition project in 1973 GA; \$1M increase for a budget amendment in 1980 MO; (\$2M) decrease due to environmental delays and reduced costs in 1976 KY. Other activity: (\$1M).	Public Assistance: (\$1M) decrease due to closeout cost delays in 1971 AL. Hazard Mitigation: (\$2M) decrease primarily due to environmental delays and decreased project costs for scope realignments in 1976 KY.	
2011 Spring Floods	20	28	28	8	-	Activity in 1981 ND: Public Assistance: \$1M increase for an accelerated project. Hazard Mitigation: \$6M increase for an accelerated SFM project. This same project was de-obligated, which was processed as a recovery. When the project was re-obligated after going through the LPN process it caused an additional increase to the FY. Other Activity: \$1M.	No adjustments at this time.	
Irene	73	63	66	(10)	(3)	Public Assistance: (\$21M) net decrease primarily due to delayed state management costs in 4020 NY; (\$4M) net decrease for unrealized closeout costs and project delays in 4021 NJ; (\$2M) decrease for delayed projects in 4017 PR. Hazard Mitigation: \$15M increase for acquisitions in 4020 NY. Administration: \$1M increase for salaries and benefits in 4020 NY. Other Activity: \$1M.	Public Assistance: (\$1M) net decrease primarily due to project delays in 4021 NJ. Hazard Mitigation: (\$2M) decrease primarily due to revised budget costs and environmental delays in 4022 VT.	
Lee	44	63	63	19	-	Public Assistance: \$9M net increase primarily due to a 428 PAAP capped grant for the Owego Apalachin School District, \$19M increase for scope changes for Binghamton School District, and (\$11M) net decrease due to delayed appeals and state management costs in 4031 NY. Other Activity: \$2M.	No adjustments at this time.	
Isaac	42	38	42	(4)	(4)	Public Assistance: \$6M net increase primarily due to scope alignments in 4080 LA; (\$2M) decrease for delays related to direct administrative costs in 4084 FL. Hazard Mitigation: (\$10M) net decrease due to project delays as well as removed HM Pilot Program projects that will not be funded in 4080 LA; \$1M increase for a Bay County project in 4084 FL. Other Activity: \$1M.	Public Assistance: (\$2M) net decrease due to withdrawn projects in 4080 LA and project delays in 4081 MS. Hazard Mitigation: (\$2M) decrease due to a delayed St John Parish drainage project in 4080 LA.	
Sandy	4,358	3,617	3,849	(741)	(232)	Public Assistance: (\$515M) net decrease primarily due to delayed projects for NY Department of Parks and Recreation and Environmental Protection, Port Authority, NYCHA, and state management costs in 4085 NY; (\$63M) net decrease primarily due to delays for environmental and appeal reviews as well as mitigation delays in 4086 NJ; (\$3M) net decrease for project cost reductions and delays in 4087 CT and 4097 MA; \$1M net increase for project costs in 4098 OH. Hazard Mitigation: (\$34M) net decrease primarily due to project delays for the NJ Department of Environmental Protection in 4086 NJ; (\$100M) net decrease primarily due to delayed reviews and revised cost estimates in 4085 NY. Individual Assistance: \$2M increase for Disaster Case Management in 4085 NY. Administration: (\$28M) net decrease in technical assistance contracts and personnel costs in 4085 NY and 4086 NJ. Other Activity: (\$1M).	Public Assistance: (\$203M) net decrease primarily due to delays for state management costs, NYCHA, and NY Department of Environmental Protection in 4085 NY; (\$6M) net decrease primarily due to project delays for appeal determinations in 4086 NJ. Hazard Mitigation: (\$19M) net decrease primarily due to revised cost estimates and delays for Resiliency Upgrades for Critical Bridges projects in 4085 NY; (\$5M) decrease for acquisition and storm water project delays in 4086 NJ. Other Activity: \$1M.	
2013 Colorado Flood	58	37	58	(21)	(21)	Activity in 4145 CO: Public Assistance: (\$22M) net decrease primarily due to project delays for Boulder and Larimer Counties. Hazard Mitigation: \$1M increase due to revised cost estimates for St. Vrain and Sanderson Gulch projects.	Activity in 4145 CO: Public Assistance: (\$22M) net decrease primarily due to project delays for Boulder and Larimer Counties. Hazard Mitigation: \$1M increase due to revised cost estimates for St. Vrain and Sanderson Gulch projects.	
<b>DR Subtotal</b>	<b>8,565</b>	<b>9,010</b>	<b>9,318</b>	<b>445</b>	<b>(308)</b>			
<b>Total</b>	<b>\$ 9,397</b>	<b>\$ 9,842</b>	<b>\$ 10,150</b>	<b>\$ 445</b>	<b>\$ (308)</b>			

\*Based on October 2015 Spend Plans.