Disaster Relief Fund: Monthly Report

as of June 30, 2019

July 9, 2019

Fiscal Year 2019 Report to Congress

Homeland Security

Federal Emergency Management Agency

Foreword from the Acting Administrator

July 9, 2019

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 2019 Department of Homeland Security Appropriations Act (P.L. 116-6).

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

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

The Honorable Chuck Fleischmann
Ranking Member, House Appropriations Subcommittee on Homeland Security

The Honorable Shelley Moore Capito
Chairman, Senate Appropriations Subcommittee on Homeland Security

The Honorable Jon Tester
Ranking Member, Senate Appropriations Subcommittee on Homeland Security

Inquiries relating to this report may be directed to me at (202) 646-3900.

Sincerely,

Pete Gaynor
Acting Administrator
Federal Emergency Management Agency

Disaster Relief Fund:
Monthly Report as of June 30, 2019

Table of Contents

I. Legislative Language… 1

II. Background…..... 3

Appendix A: Appropriations Summary….....4

Appendix B: DRF Funding Activity…..... 5

Appendix C: Sandy, Harvey, Irma, and Maria Obligations by Spending Category..... 12

Appendix D: Allocations, Obligations, & Expenditures. 13

Appendix E: Fund Exhaustion Date. 20

Appendix F: DRF Cost Estimation Bridge Table..... 21

I. Legislative Language

This document has been compiled pursuant to language set forth in the Fiscal Year 2019 Department of Homeland Security Appropriations Act (P.L. 116-6).

P.L. 116-6 states:

> 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 2019 with respect to budget year 2020 and current fiscal year 2019, respectively – (1) in paragraph (1) by substituting "fiscal year 2020" for "fiscal year 2016"; and (2) in paragraph (2) by inserting "business" after "fifth".

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.
>
> (2) an estimate or actual amounts, if available, of the following for the current fiscal year shall be submitted not later than the fifth [business] day of each month, and shall be published by the Administrator on the Agency's Web site not later than the fifth business 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 June 30, 2019.

II. Background

P.L. 116-6 requires that the FEMA Administrator provide a report by the fifth business day of each month on the Disaster Relief Fund (DRF) that includes a funding summary, a table delineating DRF funding activities each month by state and event, a summary of the funding for the catastrophic events, and the fund exhaustion date, or end-of-fiscal-year balance.

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 Hurricanes Sandy, Harvey, Irma, and Maria obligations and 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 fund exhaustion date, or 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.

APPENDIX A: DRF Appropriations Summary

Disaster Relief Fund Congressional Monthly Report
as of June 30, 2019
(Dollars in Millions)

	Base	Major Declarations	Predisaster Mitigation	Total
Carryover From FY 2018	**$ 785**	**$ 27,500**	**$ -**	**$ 28,285**
FY 2019 Enacted [1]	258	12,000	-	**12,258**
FY 2019 Recoveries	172	1,752	-	1,924
Total Budget Authority	**1,215**	**41,252**	**-**	**42,467**
Anticipated Transfers to DADLP [1,2]	-	(4,232)	-	(4,232)
Actual Transfers to DADLP [1,2]	-	(1)	-	(1)
Potential 6% for Predisaster Mitigation per DRRA [1,3]	-	(343)	343	-
USAID [4]	(17)	-	-	(17)
Revised Budget Authority	**1,198**	**36,676**	**343**	**38,217**
Obligations [5]	(439)	(10,458)	-	(10,897)
Balance	**759**	**26,218**	**343**	**27,320**
Projections for the Remainder of FY 2019				
Projected FY 2019 Additional Obligations				
Based on Existing Spend Plans				
Non-Catastrophic Disasters	-	(668)	-	(668)
Catastrophic Disasters	-	(5,053)	-	(5,053)
DRS and Other	(87)	-	-	(87)
Subtotal Existing Spend Plans	**(87)**	**(5,721)**	**-**	**(5,808)**
Based on 10-year Average				
Non-Catastrophic Disasters	-	(2)	-	(2)
EM, FMAG, and SU	(138)	-	-	(138)
Subtotal 10-year Average	**(138)**	**(2)**	**-**	**(140)**
Total Projected FY 2019 Additional Obligations	(225)	(5,723)	-	(5,948)
Projected Additional Recoveries	68	348	-	416
Balance	**$ 602**	**$ 20,843**	**$ 343**	**$ 21,788**

Notes:

(1) Pursuant to the FY 2019 DHS Appropriations Act (P.L. 116-6).

(2) Pursuant to P.L. 115-72, Additional Supplemental Appropriations for Disaster Relief Requirements Act, 2017.

(3) Pursuant to P.L. 116-6, $250 million of the amount set aside under section 203(i)(1) of the Stafford Act shall be available to carry out activities for the National Predisaster Mitigation Fund (as in effect on the day prior to the amendments made by Section 1234 of the Disaster Recovery Reform Act of 2018 (DRRA) (P.L. 115-254).

(4) Transfer to USAID for Compact Aid Agreement.

(5) As of June 30, 2019, unobligated commitments totaled $100 million and uncommitted/unobligated allocations totaled $253 million.

Source of financial information is the Integrated Financial Management Information System (IFMIS).

APPENDIX B: DRF Funding Activity (Details)

Disaster Relief Fund Monthly Obligations FY 2019
DRF Monthly Spend Plan (FY 2019)
($ in millions)
as of June 30, 2019

	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Total
Beginning of Month DRF Balance	$ 28,300	$ 30,299	$ 28,607	$ 27,582	$ 27,147	$ 30,880	$ 29,936	$ 29,047	$ 28,227	$ 27,320	$ 26,586	$ 24,099	$21,788
FY 2019 Enacted [1]	7,901				4,357								
Potential 6% for Predisaster Mitigation per DRRA [2]					(21)	(63)	(149)	(107)	(3)				
Predisaster Mitigation [2]					21	63	149	107	3				
Anticipated Transfers to DADLP [3]	(4,230)				(3)			1					
Actual Transfers to DADLP [2]								(1)					
USAID [4]									(17)				
Total Available Beginning of Month	31,971	30,299	28,607	27,582	31,501	30,880	29,936	29,047	28,210	27,320	26,586	24,099	21,788
Major Declarations	30,639	29,035	27,358	26,351	30,532	29,872	28,795	27,851	27,032	26,218	25,516	23,087	20,843
Base	1,332	1,264	1,249	1,231	948	924	908	856	835	759	727	669	602
Predisaster Mitigation					21	84	233	340	343	343	343	343	343
DRF Base Activities													
Emergencies													
Monthly Actual/Estimated Obligations	(41)	(2)	(1)	-	(1)	-	(1)	21	-	(15)	(26)	(21)	(87)
Fire Management													
Monthly Actual/Estimated Obligations	(16)	(4)	(15)	(7)	(21)	(16)	(8)	(9)	(78)	(10)	(12)	(24)	(220)
Surge													
Monthly Actual/Estimated Obligations	(10)	(10)	4	-	(1)	(1)	(1)	-	(1)	-	(14)	(16)	(50)
Disaster Support & Other Activities													
DRS Monthly Actual/Estimated Obligations	(17)	(14)	(24)	(16)	(23)	(25)	(11)	(25)	(26)	(29)	(27)	(27)	(264)
Other Monthly Actual/Estimated Obligations	(4)	(4)	(3)	1	(8)	(3)	(6)	(10)	(2)	(1)	(2)	(1)	(43)
Monthly Actual/Estimated Obligations	(21)	(18)	(27)	(15)	(31)	(28)	(17)	(35)	(28)	(30)	(29)	(28)	(307)
Actual/Estimated Base Obligations	(88)	(34)	(39)	(22)	(54)	(45)	(27)	(23)	(107)	(55)	(81)	(89)	(664)
DRF DR Activities													
Average Monthly Major DR Activity (Non-Cat.)													
Monthly Actual/Estimated Obligations	(87)	(114)	(191)	(72)	(163)	(339)	(196)	(208)	(186)	(169)	(211)	(290)	(2,226)
Gustav													
Initial FY 2019 Spend Plan Estimates	-	(3)	-	(1)	(3)	(2)	(3)	(4)	(4)	(4)	(1)	(2)	(27)
Monthly Actual/Estimated Obligations	-	(1)	(1)	-	(1)	(3)	(1)	(2)	(9)	(1)	(8)	(1)	(28)
Ike													
Initial FY 2019 Spend Plan Estimates	(2)	(2)	(1)	(3)	-	-	(2)	-	(2)	-	-	-	(12)
Monthly Actual/Estimated Obligations	(2)	(1)	-	-	(1)	(10)	(2)	(3)	(4)	-	(1)	-	(24)
Katrina Rita Wilma													
Initial FY 2019 Spend Plan Estimates	(19)	(22)	(6)	(6)	(6)	(9)	(24)	(4)	(17)	(15)	(30)	(33)	(191)
Monthly Actual/Estimated Obligations	(2)	(25)	(15)	(6)	(6)	(61)	(3)	(15)	(29)	(1)	(10)	(16)	(189)
Midwest Floods													
Initial FY 2019 Spend Plan Estimates	-	-	-	-	-	-	-	-	-	-	-	-	-
Monthly Actual/Estimated Obligations	-	-	-	-	-	-	-	-	-	-	-	-	-
TN Floods													
Initial FY 2019 Spend Plan Estimates	-	-	-	(3)	(1)	(2)	-	-	-	-	-	-	(6)
Monthly Actual/Estimated Obligations	-	(2)	-	-	-	-	-	-	-	-	(1)	(1)	(4)
2011 Spring Tornadoes													
Initial FY 2019 Spend Plan Estimates	-	-	(2)	-	-	-	-	-	-	-	-	(1)	(3)
Monthly Actual/Estimated Obligations	-	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX B: DRF Funding Activity (Details)

Disaster Relief Fund Monthly Obligations FY 2019
DRF Monthly Spend Plan (FY 2019)
($ in millions)
as of June 30, 2019

	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Total
2011 Spring Floods													
Initial FY 2019 Spend Plan Estimates	-	-	-	-	-	(4)	-	-	-	-	-	(2)	(6)
Monthly Actual/Estimated Obligations	-	-	-	-	-	-	-	-	-	-	-	(1)	(1)
Irene													
Initial FY 2019 Spend Plan Estimates	-	(2)	(2)	(6)	(2)	(1)	(4)	(5)	(3)	(1)	-	(2)	(28)
Monthly Actual/Estimated Obligations	(2)	-	(3)	-	-	-	(1)	-	(1)	-	(11)	(6)	(24)
Lee													
Initial FY 2019 Spend Plan Estimates	-	-	(2)	(1)	-	(1)	-	(3)	-	-	-	(2)	(9)
Monthly Actual/Estimated Obligations	(1)	-	(2)	-	2	-	-	-	-	(1)	(3)	(5)	(10)
Isaac													
Initial FY 2019 Spend Plan Estimates	-	-	-	(1)	(1)	(1)	(2)	-	-	-	(3)	(1)	(9)
Monthly Actual/Estimated Obligations	-	-	-	-	-	-	-	(1)	-	(1)	(5)	(1)	(8)
Sandy													
Initial FY 2019 Spend Plan Estimates	(27)	(26)	(61)	(86)	(84)	(58)	(14)	(125)	(99)	(24)	(37)	(257)	(898)
Monthly Actual/Estimated Obligations	(49)	(20)	(11)	(10)	(58)	(118)	(28)	(40)	(26)	(34)	(105)	(131)	(630)
2013 Colorado Flood													
Initial FY 2019 Spend Plan Estimates	-	(4)	(1)	(3)	(7)	(10)	-	-	(2)	-	-	(6)	(33)
Monthly Actual/Estimated Obligations	-	(1)	(1)	-	(1)	(5)	(2)	(1)	(1)	(1)	(4)	2	(15)
LA Floods 4277													
Initial FY 2019 Spend Plan Estimates	(16)	(11)	(7)	(9)	(9)	(14)	(10)	(9)	(8)	(6)	(11)	(12)	(122)
Monthly Actual/Estimated Obligations	(19)	(13)	(11)	(14)	(16)	(18)	(8)	(23)	(11)	(16)	(34)	(19)	(202)
Matthew													
Initial FY 2019 Spend Plan Estimates	(4)	(3)	(20)	(30)	(44)	(7)	(9)	(17)	(4)	(4)	(3)	(14)	(159)
Monthly Actual/Estimated Obligations	(4)	(15)	(11)	(1)	(4)	(4)	(6)	(8)	(4)	(11)	(7)	(10)	(85)
Harvey													
Initial FY 2019 Spend Plan Estimates	(78)	(221)	(119)	(105)	(68)	(112)	(63)	(202)	(201)	(151)	(80)	(132)	(1,532)
Monthly Actual/Estimated Obligations	(94)	(93)	(183)	(65)	(85)	(93)	(94)	(75)	(192)	(176)	(251)	(124)	(1,525)
Irma													
Initial FY 2019 Spend Plan Estimates	(100)	(61)	(86)	(61)	(79)	(78)	(56)	(70)	(82)	(85)	(85)	(68)	(911)
Monthly Actual/Estimated Obligations	(30)	(55)	(42)	(34)	(123)	(190)	(99)	(235)	(96)	(93)	(114)	(77)	(1,188)
Maria													
Initial FY 2019 Spend Plan Estimates	(875)	(1,028)	(1,076)	(523)	(426)	(653)	(962)	(597)	(602)	(913)	(707)	(972)	(9,334)
Monthly Actual/Estimated Obligations	(523)	(661)	(400)	(540)	(187)	(404)	(231)	(99)	(257)	(91)	(1,114)	(1,499)	(6,006)
CA Wildfires 2017													
Initial FY 2019 Spend Plan Estimates	(9)	(1)	(3)	(2)	(16)	(50)	(51)	(3)	-	(26)	-	(1)	(162)
Monthly Actual/Estimated Obligations	(14)	(13)	(2)	(1)	(2)	(2)	(4)	(1)	(5)	(3)	(15)	(18)	(80)

APPENDIX B: DRF Funding Activity (Details)

Disaster Relief Fund Monthly Obligations FY 2019
DRF Monthly Spend Plan (FY 2019)
($ in millions)
as of June 30, 2019

	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Total
Florence													
Initial FY 2019 Spend Plan Estimates	(170)	(66)	(47)	(31)	(29)	(24)	(35)	(20)	(22)	(19)	(20)	(9)	(492)
Monthly Actual/Estimated Obligations	(170)	(91)	(35)	(32)	(82)	(61)	(61)	(84)	(77)	(57)	(72)	(67)	(889)
Michael													
Initial FY 2019 Spend Plan Estimates	-	-	-	-	-	-	-	-	-	-	-	-	-
Monthly Actual/Estimated Obligations	(655)	(130)	(92)	(71)	(29)	(28)	(145)	(36)	(4)	(34)	(92)	(70)	(1,386)
CA Wildfires 2018													
Initial FY 2019 Spend Plan Estimates	-	-	-	-	-	-	-	-	-	-	-	-	-
Monthly Actual/Estimated Obligations	-	(444)	(95)	210	(38)	(18)	(20)	(23)	12	(120)	(459)	(19)	(1,014)
Yutu													
Initial FY 2019 Spend Plan Estimates	-	-	-	-	-	-	-	-	-	-	-	-	-
Monthly Actual/Estimated Obligations	(126)	(154)	(95)	(66)	(73)	(17)	(13)	(45)	(14)	(9)	(28)	(7)	(647)
Actual/Estimated Major Declaration Obligations													
Total DR Actual/Estimated Obligations	(1,778)	(1,833)	(1,190)	(702)	(867)	(1,371)	(914)	(899)	(904)	(818)	(2,545)	(2,360)	(16,181)
FY 2019 Actual/Estimated Recoveries													
Monthly Recovery Estimates	**209**	**175**	**204**	**289**	**300**	**472**	**52**	**102**	**121**	**139**	**139**	**138**	**2,340**
Major Declaration Actuals/Estimates	177	156	183	273	270	443	77	83	90	116	116	116	2,100
Base Actuals/Estimates	32	19	21	16	30	29	(25)	19	31	23	23	22	240
DRF Available at End of Month (Including Recoveries)	**$ 30,299**	**$ 28,607**	**$ 27,582**	**$ 27,147**	**$ 30,880**	**$ 29,936**	**$ 29,047**	**$ 28,227**	**$ 27,320**	**$ 26,586**	**$ 24,099**	**$ 21,788**	

NOTES:

(1) Pursuant to the FY 2019 DHS Appropriations Act (P.L. 116-6).
(2) Pursuant to P.L. 116-6, $250 million of the amount set aside under section 203(i)(1) of the Stafford Act shall be available to carry out activities for the National Predisaster Mitigation Fund (as in effect on the day prior to the amendments made by Section 1234 of the DRRA (P.L. 115-254).
(3) Pursuant to P.L. 115-72, Additional Supplemental Appropriations for Disaster Relief Requirements Act, 2017.
(4) Transfer to USAID for Compact Aid Agreements.

APPENDIX B: DRF Funding Activity (By Catastrophic Disaster)

Disaster Relief Fund Monthly Detailed Obligations FY 2019

($ in millions)

Event/DR	Cumulative Obligations Thru FY 2018 [1]	October Actual	November Actual	December Actual	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	FY 2019 Total
Gustav														
1786-LA	$ (1,666)	$ -	$ (1)	$ (1)	$ -	$ (1)	$ (3)	$ (1)	$ (2)	$ (9)	$ (1)	$ (8)	$ (1)	$ (28)
1789-AL	(10)	-	-	-	-	-	-	-	-	-	-	-	-	-
1793-AR	(6)	-	-	-	-	-	-	-	-	-	-	-	-	-
1794-MS	(40)	-	-	-	-	-	-	-	-	-	-	-	-	-
1806-FL	(6)	-	-	-	-	-	-	-	-	-	-	-	-	-
	(1,728)	**-**	**(1)**	**(1)**	**-**	**(1)**	**(3)**	**(1)**	**(2)**	**(9)**	**(1)**	**(8)**	**(1)**	**(28)**
Ike														
1791-TX	(4,404)	(2)	(1)	-	-	(1)	(10)	(2)	-	(4)	-	-	-	(20)
1792-LA	(369)	-	-	-	-	-	-	-	(3)	-	-	(1)	-	(4)
1797-AL	(8)	-	-	-	-	-	-	-	-	-	-	-	-	-
1802-KY	(24)	-	-	-	-	-	-	-	-	-	-	-	-	-
1804-AR	(3)	-	-	-	-	-	-	-	-	-	-	-	-	-
1805-OH	(56)	-	-	-	-	-	-	-	-	-	-	-	-	-
	(4,864)	**(2)**	**(1)**	**-**	**-**	**(1)**	**(10)**	**(2)**	**(3)**	**(4)**	**-**	**(1)**	**-**	**(24)**
Katrina Rita Wilma														
1602-FL	(233)	-	-	-	-	-	-	-	-	-	-	-	-	-
1603-LA	(32,608)	(2)	(25)	(13)	(6)	(3)	(40)	(3)	(15)	(28)	(1)	(10)	(15)	(161)
1604-MS	(10,086)	-	-	-	-	(2)	(2)	-	-	(1)	-	-	-	(5)
1605-AL	(1,041)	-	-	-	-	-	-	-	-	-	-	-	-	-
1606-TX	(1,877)	-	-	-	-	(1)	-	-	-	-	-	-	-	(1)
1607-LA	(1,908)	-	-	(1)	-	-	(19)	-	-	-	-	-	-	(20)
1609-FL	(2,566)	-	-	(1)	-	-	-	-	-	-	-	-	(1)	(2)
	(50,319)	**(2)**	**(25)**	**(15)**	**(6)**	**(6)**	**(61)**	**(3)**	**(15)**	**(29)**	**(1)**	**(10)**	**(16)**	**(189)**
Midwest Floods														
1760-MO	(3)	-	-	-	-	-	-	-	-	-	-	-	-	-
1763-IA	(1,872)	-	-	-	-	-	-	-	-	-	-	-	-	-
1765-NE	(2)	-	-	-	-	-	-	-	-	-	-	-	-	-
1766-IN	(213)	-	-	-	-	-	-	-	-	-	-	-	-	-
1768-WI	(156)	-	-	-	-	-	-	-	-	-	-	-	-	-
1770-NE	(48)	-	-	-	-	-	-	-	-	-	-	-	-	-
1771-IL	(91)	-	-	-	-	-	-	-	-	-	-	-	-	-
1772-MN	(9)	-	-	-	-	-	-	-	-	-	-	-	-	-
1773-MO	(55)	-	-	-	-	-	-	-	-	-	-	-	-	-
1774-SD	(8)	-	-	-	-	-	-	-	-	-	-	-	-	-
1775-OK	(11)	-	-	-	-	-	-	-	-	-	-	-	-	-
1776-KS	(64)	-	-	-	-	-	-	-	-	-	-	-	-	-
1777-MI	(18)	-	-	-	-	-	-	-	-	-	-	-	-	-
	(2,550)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
TN Floods														
1909-TN	(546)	-	(2)	-	-	-	-	-	-	-	-	(1)	(1)	(4)
	(546)	**-**	**(2)**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**(1)**	**(1)**	**(4)**

APPENDIX B: DRF Funding Activity (By Catastrophic Disaster)

Disaster Relief Fund Monthly Detailed Obligations FY 2019

($ in millions)

Event/DR	Cumulative Obligations Thru FY 2018 [1]	October Actual	November Actual	December Actual	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	FY 2019 Total
2011 Spring Tornadoes														
1971-AL	(705)	-	-	-	-	-	-	-	-	-	-	-	-	-
1972-MS	(67)	-	-	-	-	-	-	-	-	-	-	-	-	-
1973-GA	(44)	-	-	-	-	-	-	-	-	-	-	-	-	-
1974-TN	(92)	-	-	-	-	-	-	-	-	-	-	-	-	-
1975-AR	(104)	-	-	-	-	-	-	-	-	-	-	-	-	-
1976-KY	(60)	-	-	-	-	-	-	-	-	-	-	-	-	-
1980-MO	(512)	-	-	-	-	-	-	-	-	-	-	-	-	-
	(1,584)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
2011 Spring Floods														
1981-ND	(639)	-	-	-	-	-	-	-	-	-	-	-	(1)	(1)
1982-MN	(27)	-	-	-	-	-	-	-	-	-	-	-	-	-
1983-MS	(36)	-	-	-	-	-	-	-	-	-	-	-	-	-
1984-SD	(83)	-	-	-	-	-	-	-	-	-	-	-	-	-
	(785)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**(1)**	**(1)**
Irene														
4017-PR	(141)	-	-	(2)	-	-	-	-	-	-	-	-	-	(2)
4019-NC	(194)	-	-	-	-	-	-	-	-	-	-	-	-	-
4020-NY	(897)	-	-	(1)	-	-	-	(1)	-	-	-	(10)	(4)	(16)
4021-NJ	(396)	-	-	-	-	-	-	-	-	-	-	(1)	(2)	(3)
4022-VT	(326)	-	-	-	-	-	-	-	-	(1)	-	-	-	(1)
4023-CT	(74)	-	-	-	-	-	-	-	-	-	-	-	-	-
4024-VA	(73)	-	-	-	-	-	-	-	-	-	-	-	-	-
4025-PA	(99)	-	-	-	-	-	-	-	-	-	-	-	-	-
4026-NH	(27)	-	-	-	-	-	-	-	-	-	-	-	-	-
4027-RI	(11)	-	-	-	-	-	-	-	-	-	-	-	-	-
4028-MA	(51)	(2)	-	-	-	-	-	-	-	-	-	-	-	(2)
4032-ME	(3)	-	-	-	-	-	-	-	-	-	-	-	-	-
4034-MD	(25)	-	-	-	-	-	-	-	-	-	-	-	-	-
4036-DC	(3)	-	-	-	-	-	-	-	-	-	-	-	-	-
4037-DE	(3)	-	-	-	-	-	-	-	-	-	-	-	-	-
	(2,323)	**(2)**	**-**	**(3)**	**-**	**-**	**-**	**(1)**	**-**	**(1)**	**-**	**(11)**	**(6)**	**(24)**
Lee														
4030-PA	(374)	-	-	(2)	-	2	-	-	-	-	-	-	-	-
4031-NY	(452)	(1)	-	-	-	-	-	-	-	-	(1)	(3)	(5)	(10)
4038-MD	(15)	-	-	-	-	-	-	-	-	-	-	-	-	-
4039-NJ	(6)	-	-	-	-	-	-	-	-	-	-	-	-	-
4041-LA	(7)	-	-	-	-	-	-	-	-	-	-	-	-	-
4045-VA	(7)	-	-	-	-	-	-	-	-	-	-	-	-	-
	(861)	**(1)**	**-**	**(2)**	**-**	**2**	**-**	**-**	**-**	**-**	**(1)**	**(3)**	**(5)**	**(10)**

APPENDIX B: DRF Funding Activity (By Catastrophic Disaster)

Disaster Relief Fund Monthly Detailed Obligations FY 2019

($ in millions)

Event/DR	Cumulative Obligations Thru FY 2018 [1]	October Actual	November Actual	December Actual	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	FY 2019 Total
Isaac														
4080-LA	(700)	-	-	-	-	-	1	-	-	-	(1)	(5)	-	(5)
4081-MS	(90)	-	-	-	-	-	(1)	-	-	-	-	-	-	(1)
4082-AL	(10)	-	-	-	-	-	-	-	-	-	-	-	(1)	(1)
4084-FL	(35)	-	-	-	-	-	-	-	(1)	-	-	-	-	(1)
	(835)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**(1)**	**-**	**(1)**	**(5)**	**(1)**	**(8)**
Sandy														
4085-NY	(17,246)	(46)	(17)	(9)	(5)	(55)	(116)	(25)	(39)	(19)	(30)	(47)	(126)	(534)
4086-NJ	(3,285)	(3)	(3)	(2)	(5)	(3)	(2)	(3)	(1)	(7)	(4)	(58)	(4)	(95)
4087-CT	(122)	-	-	-	-	-	-	-	-	-	-	-	-	-
4089-RI	(18)	-	-	-	-	-	-	-	-	-	-	-	-	-
4090-DE	(8)	-	-	-	-	-	-	-	-	-	-	-	-	-
4091-MD	(50)	-	-	-	-	-	-	-	-	-	-	-	-	-
4092-VA	(14)	-	-	-	-	-	-	-	-	-	-	-	-	-
4093-WV	(23)	-	-	-	-	-	-	-	-	-	-	-	-	-
4095-NH	(3)	-	-	-	-	-	-	-	-	-	-	-	-	-
4096-DC	(3)	-	-	-	-	-	-	-	-	-	-	-	-	-
4097- MA	(17)	-	-	-	-	-	-	-	-	-	-	-	(1)	(1)
4098-OH	(26)	-	-	-	-	-	-	-	-	-	-	-	-	-
4099-PA	(17)	-	-	-	-	-	-	-	-	-	-	-	-	-
	(20,832)	**(49)**	**(20)**	**(11)**	**(10)**	**(58)**	**(118)**	**(28)**	**(40)**	**(26)**	**(34)**	**(105)**	**(131)**	**(630)**
2013 Colorado Flood														
4145-CO	(626)	-	(1)	(1)	-	(1)	(5)	(2)	(1)	(1)	(1)	(4)	2	(15)
	(626)	**-**	**(1)**	**(1)**	**-**	**(1)**	**(5)**	**(2)**	**(1)**	**(1)**	**(1)**	**(4)**	**2**	**(15)**
LA Floods 4277														
4277-LA	(2,471)	(19)	(13)	(11)	(14)	(16)	(18)	(8)	(23)	(11)	(16)	(34)	(19)	(202)
	(2,471)	**(19)**	**(13)**	**(11)**	**(14)**	**(16)**	**(18)**	**(8)**	**(23)**	**(11)**	**(16)**	**(34)**	**(19)**	**(202)**
Matthew														
4283-FL	(419)	-	(8)	(6)	-	(2)	(2)	(1)	(7)	(1)	(1)	(2)	(6)	(36)
4284-GA	(136)	-	(1)	-	-	-	(1)	(3)	-	-	(6)	(3)	-	(14)
4285-NC	(660)	(3)	(4)	(2)	(1)	(1)	-	(1)	-	(2)	(3)	(1)	-	(18)
4286-SC	(375)	(1)	-	(3)	-	(1)	(1)	(1)	(1)	-	-	(1)	(2)	(11)
4291-VA	(36)	-	(2)	-	-	-	-	-	-	(1)	(1)	-	(2)	(6)
	(1,626)	**(4)**	**(15)**	**(11)**	**(1)**	**(4)**	**(4)**	**(6)**	**(8)**	**(4)**	**(11)**	**(7)**	**(10)**	**(85)**

APPENDIX B: DRF Funding Activity (By Catastrophic Disaster)

Disaster Relief Fund Monthly Detailed Obligations FY 2019

($ in millions)

Event/DR	Cumulative Obligations Thru FY 2018 [1]	October Actual	November Actual	December Actual	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	FY 2019 Total
Harvey														
4332-TX	(5,768)	(93)	(93)	(183)	(65)	(85)	(93)	(94)	(74)	(192)	(176)	(250)	(124)	(1,522)
4345-LA	(10)	(1)	-	-	-	-	-	-	(1)	-	-	(1)	-	(3)
	(5,778)	**(94)**	**(93)**	**(183)**	**(65)**	**(85)**	**(93)**	**(94)**	**(75)**	**(192)**	**(176)**	**(251)**	**(124)**	**(1,525)**
Irma														
4335-VI	(300)	(1)	(2)	(2)	(1)	(11)	-	(7)	(7)	(1)	(4)	(13)	(18)	(67)
4336-PR	(75)	(4)	(2)	(1)	-	-	(1)	-	-	(1)	(1)	-	3	(7)
4337-FL	(2,540)	(22)	(49)	(39)	(32)	(111)	(175)	(91)	(226)	(94)	(86)	(98)	(61)	(1,084)
4338-GA	(184)	(1)	-	-	-	(1)	(10)	-	-	-	(1)	(1)	-	(14)
4341-FL	(7)	-	-	-	-	-	-	-	-	-	-	-	-	-
4346-SC	(29)	(2)	(2)	-	(1)	-	(4)	(1)	(2)	-	(1)	(2)	(1)	(16)
	(3,135)	**(30)**	**(55)**	**(42)**	**(34)**	**(123)**	**(190)**	**(99)**	**(235)**	**(96)**	**(93)**	**(114)**	**(77)**	**(1,188)**
Maria														
4339-PR	(12,820)	(455)	(520)	(389)	(532)	(163)	(325)	(110)	(55)	(169)	(76)	(1,035)	(1,367)	(5,196)
4340-VI	(2,102)	(68)	(141)	(11)	(8)	(24)	(79)	(121)	(44)	(88)	(15)	(79)	(132)	(810)
	(14,922)	**(523)**	**(661)**	**(400)**	**(540)**	**(187)**	**(404)**	**(231)**	**(99)**	**(257)**	**(91)**	**(1,114)**	**(1,499)**	**(6,006)**
CA Wildfires 2017														
4344-CA	(1,462)	(14)	(13)	(2)	(1)	(2)	(2)	(4)	(1)	(5)	(3)	(15)	(18)	(80)
	(1,462)	**(14)**	**(13)**	**(2)**	**(1)**	**(2)**	**(2)**	**(4)**	**(1)**	**(5)**	**(3)**	**(15)**	**(18)**	**(80)**
Florence														
4393-NC	(297)	(133)	(76)	(31)	(25)	(73)	(54)	(50)	(57)	(61)	(50)	(54)	(53)	(717)
4394-SC	(82)	(37)	(14)	(3)	(6)	(6)	(5)	(10)	(26)	(15)	(6)	(18)	(14)	(160)
4401-VA	-	-	(1)	(1)	(1)	(3)	(2)	(1)	(1)	(1)	(1)	-	-	(12)
	(379)	**(170)**	**(91)**	**(35)**	**(32)**	**(82)**	**(61)**	**(61)**	**(84)**	**(77)**	**(57)**	**(72)**	**(67)**	**(889)**
Michael														
4399-FL	-	(556)	(94)	(43)	(38)	(21)	(16)	(137)	(21)	8	(27)	(86)	(51)	(1,082)
4400-GA	-	(99)	(35)	(48)	(32)	(6)	(10)	(7)	(8)	(11)	(6)	(2)	(12)	(276)
4406-AL	-	-	(1)	(1)	(1)	(2)	(2)	(1)	(5)	-	-	(1)	-	(14)
4412 -NC	-	-	-	-	-	-	-	-	(2)	(1)	(1)	(3)	(7)	(14)
	-	**(655)**	**(130)**	**(92)**	**(71)**	**(29)**	**(28)**	**(145)**	**(36)**	**(4)**	**(34)**	**(92)**	**(70)**	**(1,386)**
CA Wildfires 2018														
4407-CA		-	(444)	(95)	210	(38)	(18)	(20)	(23)	12	(120)	(459)	(19)	(1,014)
	-	**-**	**(444)**	**(95)**	**210**	**(38)**	**(18)**	**(20)**	**(23)**	**12**	**(120)**	**(459)**	**(19)**	**(1,014)**
Yutu														
4404-NMI	-	(126)	(154)	(95)	(66)	(73)	(17)	(13)	(45)	(14)	(9)	(28)	(7)	(647)
	-	**(126)**	**(154)**	**(95)**	**(66)**	**(73)**	**(17)**	**(13)**	**(45)**	**(14)**	**(9)**	**(28)**	**(7)**	**(647)**
TOTAL	**$ (117,626)**	**$ (1,691)**	**$ (1,719)**	**$ (999)**	**$ (630)**	**$ (704)**	**$ (1,032)**	**$ (718)**	**$ (691)**	**$ (718)**	**$ (649)**	**$ (2,334)**	**$ (2,070)**	**$ (13,955)**

NOTES:

(1) Adjusted for recoveries that occur in FY 2019 against prior-year obligations.

APPENDIX C: Hurricanes Sandy, Harvey, Irma, and Maria (Actual Obligations by Program)

Hurricanes Sandy, Harvey, Irma, and Maria
FY 2019 Actuals/Estimates
as of June 30, 2019
($ in millions)

SANDY	Cumulative Obligations Thru FY 2018 (1)	Actual Obligations 1st Qtr	Actual Obligations 2nd Qtr	Actual Obligations 3rd Qtr	Projections 4th Qtr	FY 2019 Totals	Totals Thru FY 2019
Public Assistance	$ 16,277	$ 39	$ 166	$ 62	$ 136	$ 403	$ 16,680
Individual Assistance	1,603	-	-	-	-	-	1,603
Mitigation	1,133	22	8	17	122	169	1,302
Operations	319	-	-	-	-	-	319
Administrative	1,500	19	12	15	12	58	1,558
Total	**$ 20,832**	**$ 80**	**$ 186**	**$ 94**	**$ 270**	**$ 630**	**$ 21,462**

HARVEY	Cumulative Obligations Thru FY 2018 (1)	Actual Obligations 1st Qtr	Actual Obligations 2nd Qtr	Actual Obligations 3rd Qtr	Projections 4th Qtr	FY 2019 Totals	Totals Thru FY 2019
Public Assistance	$ 1,019	$ 182	$ 164	$ 249	$ 399	$ 994	$ 2,013
Individual Assistance	2,822	27	23	36	28	114	2,936
Mitigation	179	15	4	12	32	63	242
Operations	189	-	1	21	-	22	211
Administrative	1,569	146	51	43	92	332	1,901
Total	**$ 5,778**	**$ 370**	**$ 243**	**$ 361**	**$ 551**	**$ 1,525**	**$ 7,303**

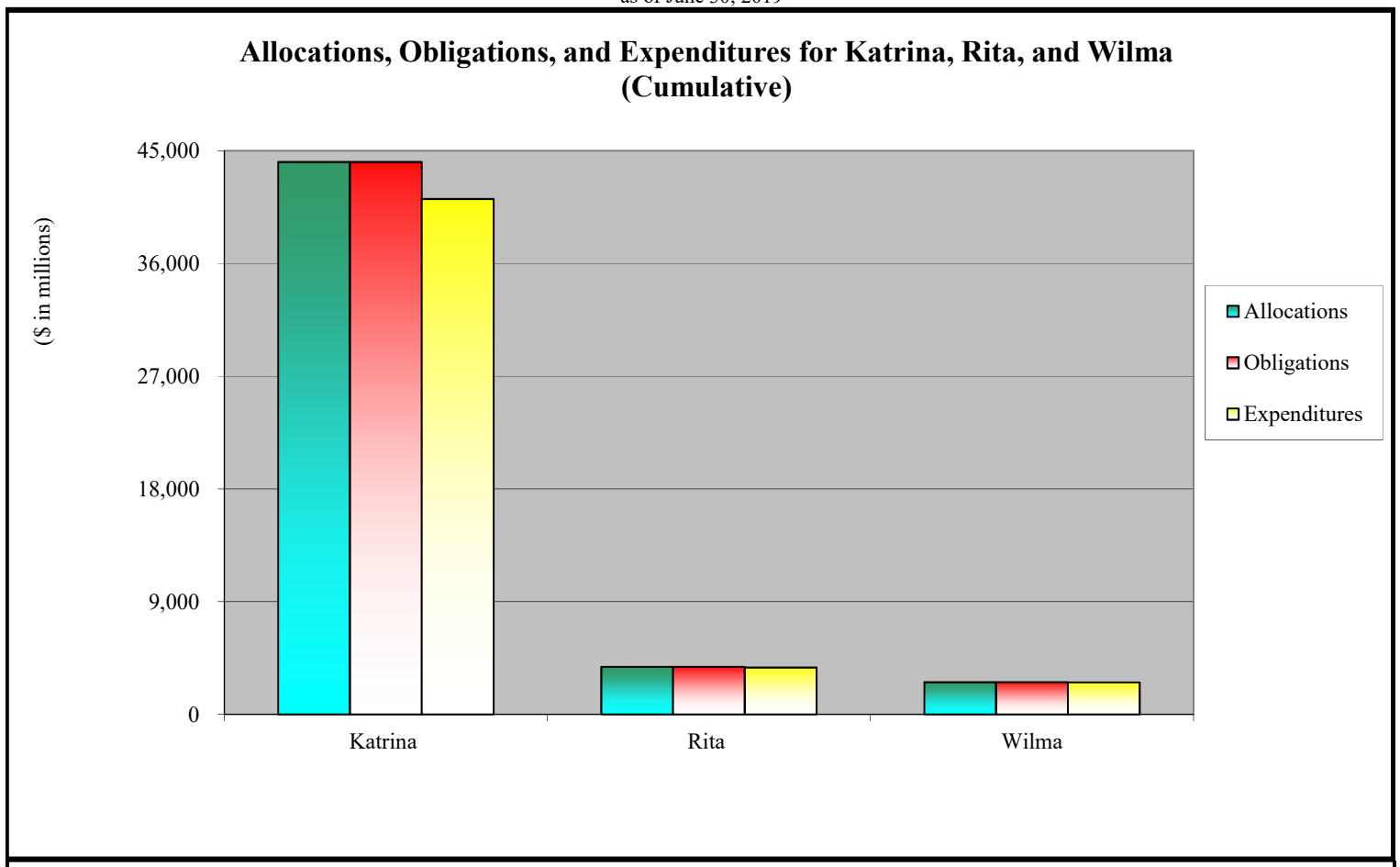
IRMA	Cumulative Obligations Thru FY 2018 (1)	Actual Obligations 1st Qtr	Actual Obligations 2nd Qtr	Actual Obligations 3rd Qtr	Projections 4th Qtr	FY 2019 Totals	Totals Thru FY 2019
Public Assistance	$ 489	$ 60	$ 248	$ 359	$ 186	$ 853	$ 1,342
Individual Assistance	1,274	12	19	9	17	57	1,331
Mitigation	10	11	24	40	60	135	145
Operations	322	-	1	(1)	-	-	322
Administrative	1,040	44	55	23	21	143	1,183
Total	**$ 3,135**	**$ 127**	**$ 347**	**$ 430**	**$ 284**	**$ 1,188**	**$ 4,323**

MARIA	Cumulative Obligations Thru FY 2018 (1)	Actual Obligations 1st Qtr	Actual Obligations 2nd Qtr	Actual Obligations 3rd Qtr	Projections 4th Qtr	FY 2019 Totals	Totals Thru FY 2019
Public Assistance	$ 5,275	$ 1,122	$ 859	$ 335	$ 2,326	$ 4,642	$ 9,917
Individual Assistance	2,299	100	80	37	-	217	2,516
Mitigation	27	-	9	34	19	62	89
Operations	4,766	193	19	10	16	238	5,004
Administrative	2,555	169	164	171	343	847	3,402
Total	**$ 14,922**	**$ 1,584**	**$ 1,131**	**$ 587**	**$ 2,704**	**$ 6,006**	**$ 20,928**

(1) Adjusted for recoveries that occur in FY 2019 against prior-year obligations.

APPENDIX D: ALLOCATIONS, OBLIGATIONS, AND EXPENDITURES

as of June 30, 2019

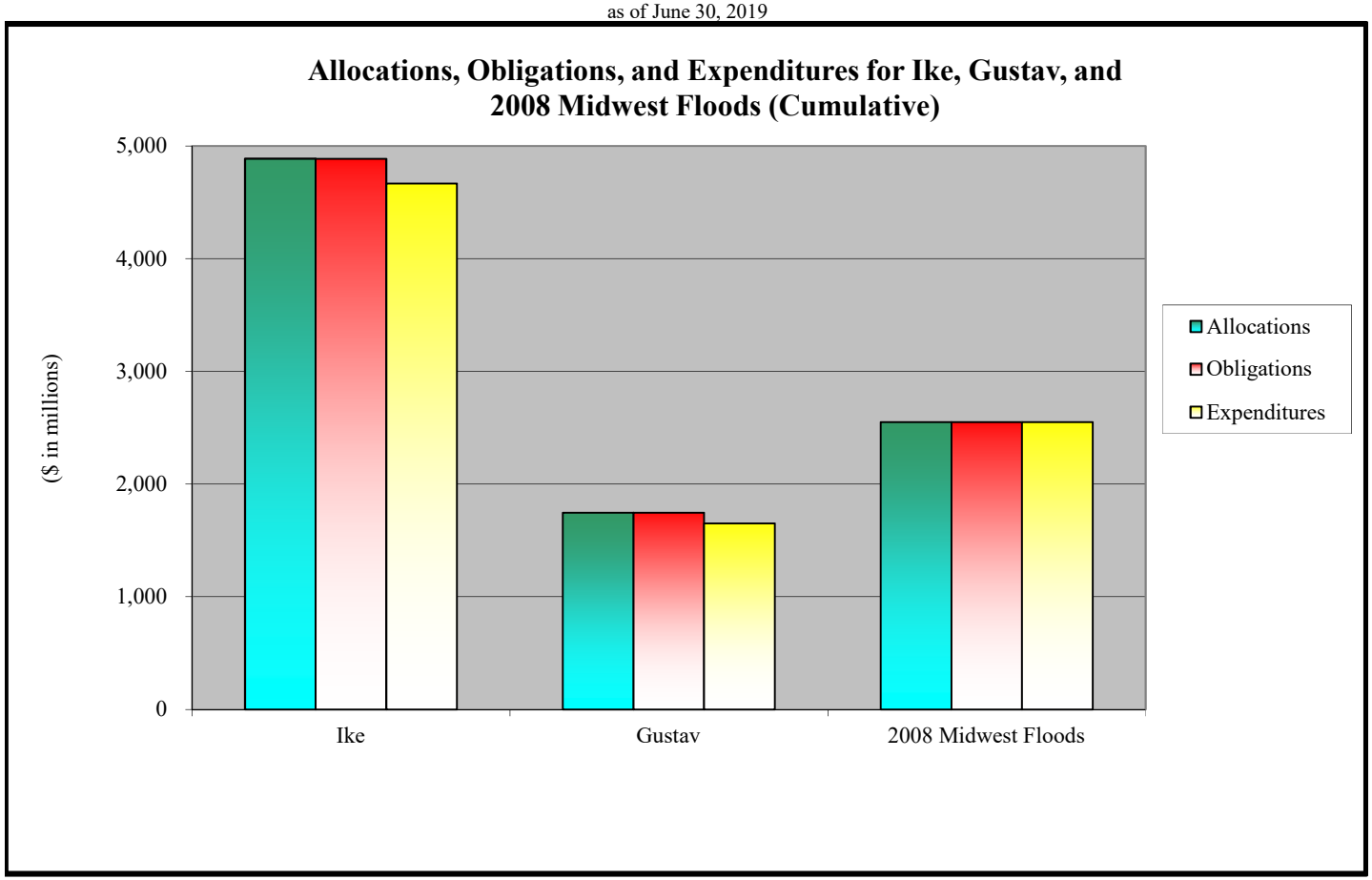


	Katrina	Rita	Wilma	Total
Allocations	**$ 44,106**	**$ 3,806**	**$ 2,571**	**$ 50,483**
Obligations	**44,106**	**3,806**	**2,569**	**50,481**
Expenditures	**$ 41,148**	**$ 3,746**	**$ 2,561**	**$ 47,455**

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

APPENDIX D: ALLOCATIONS, OBLIGATIONS, AND EXPENDITURES

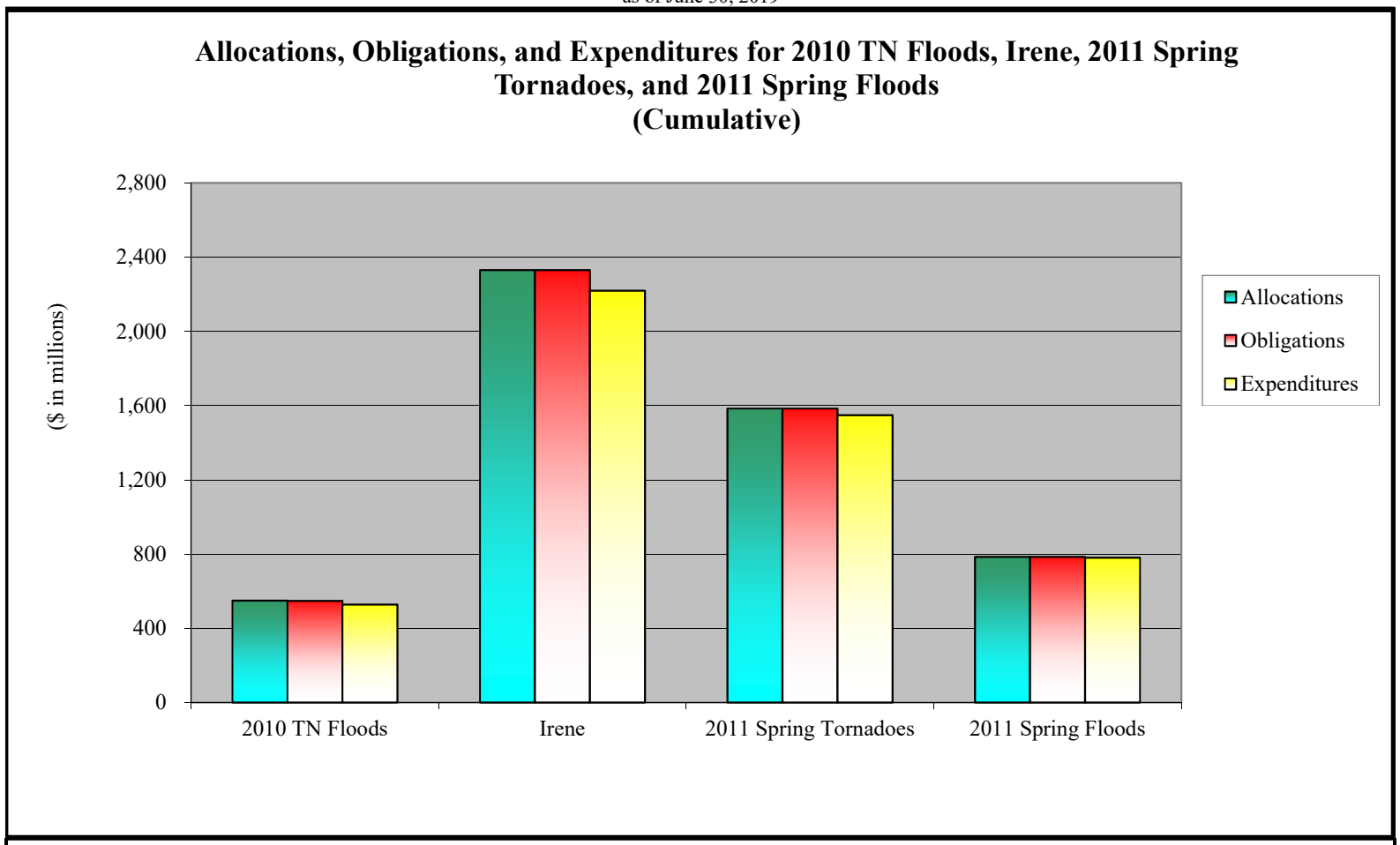
as of June 30, 2019



	Ike	Gustav	2008 Midwest Floods	Total
Allocations	$ 4,888	$ 1,746	$ 2,550	$ 9,184
Obligations	4,887	1,746	2,550	9,183
Expenditures	$ 4,667	$ 1,651	$ 2,549	$ 8,867

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

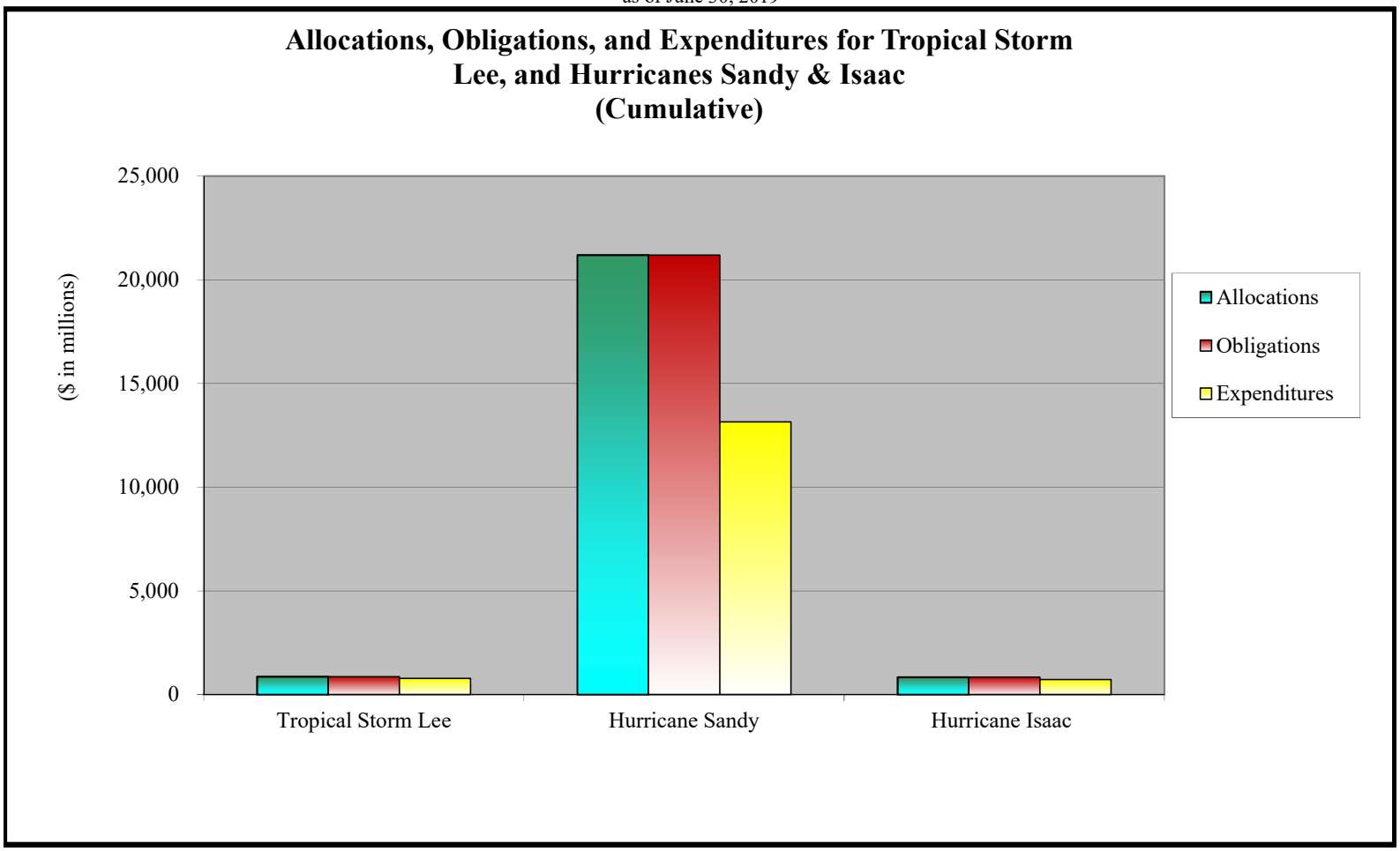
as of June 30, 2019



	2010 TN Floods	Irene	2011 Spring Tornadoes	2011 Spring Floods	Total
Allocations	$ 549	$ 2,330	$ 1,584	$ 785	$ 5,248
Obligations	548	2,330	1,584	785	5,247
Expenditures	$ 528	$ 2,219	$ 1,548	$ 780	$ 5,075

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

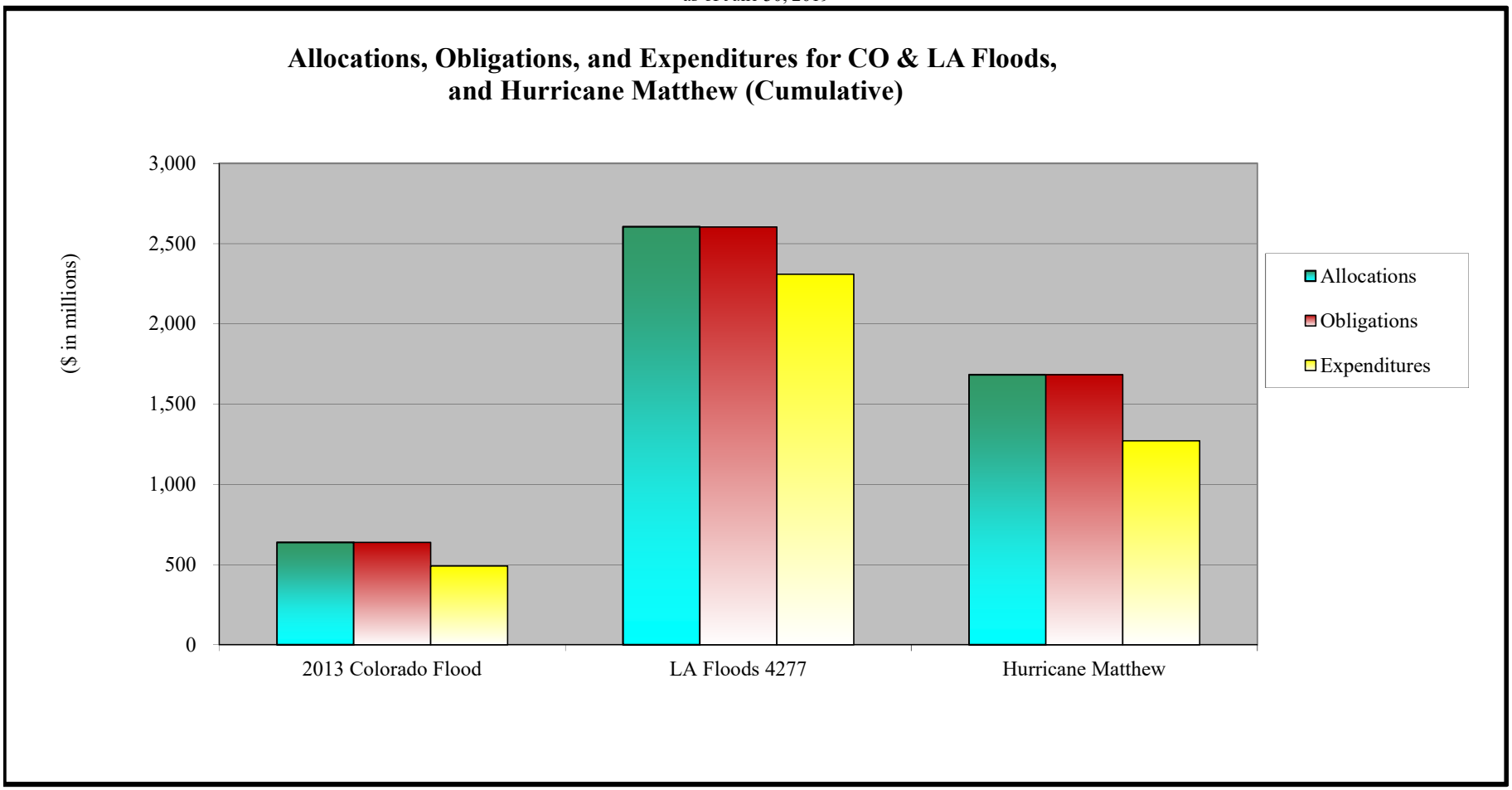
as of June 30, 2019



	Tropical Storm Lee	Hurricane Sandy	Hurricane Isaac	Total
Allocations	$ 864	$ 21,192	$ 836	$ 22,892
Obligations	862	21,192	836	22,890
Expenditures	$ 779	$ 13,147	$ 724	$ 14,650

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

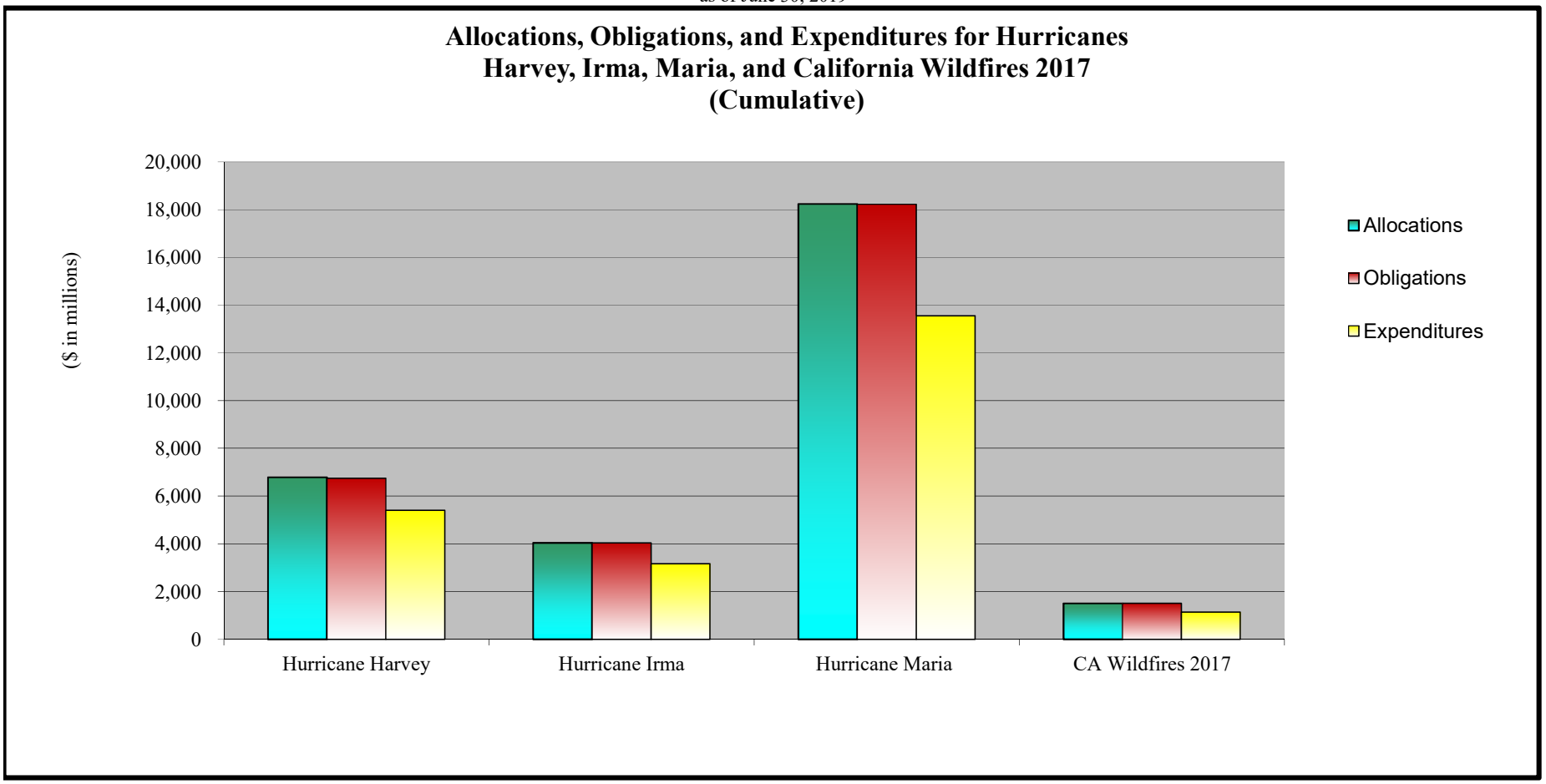
as of June 30, 2019



	2013 Colorado Flood	LA Floods 4277	Hurricane Matthew	Total
Allocations	$ 638	$ 2,605	$ 1,683	$ 4,926
Obligations	638	2,604	1,683	4,925
Expenditures	$ 491	$ 2,310	$ 1,271	$ 4,072

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

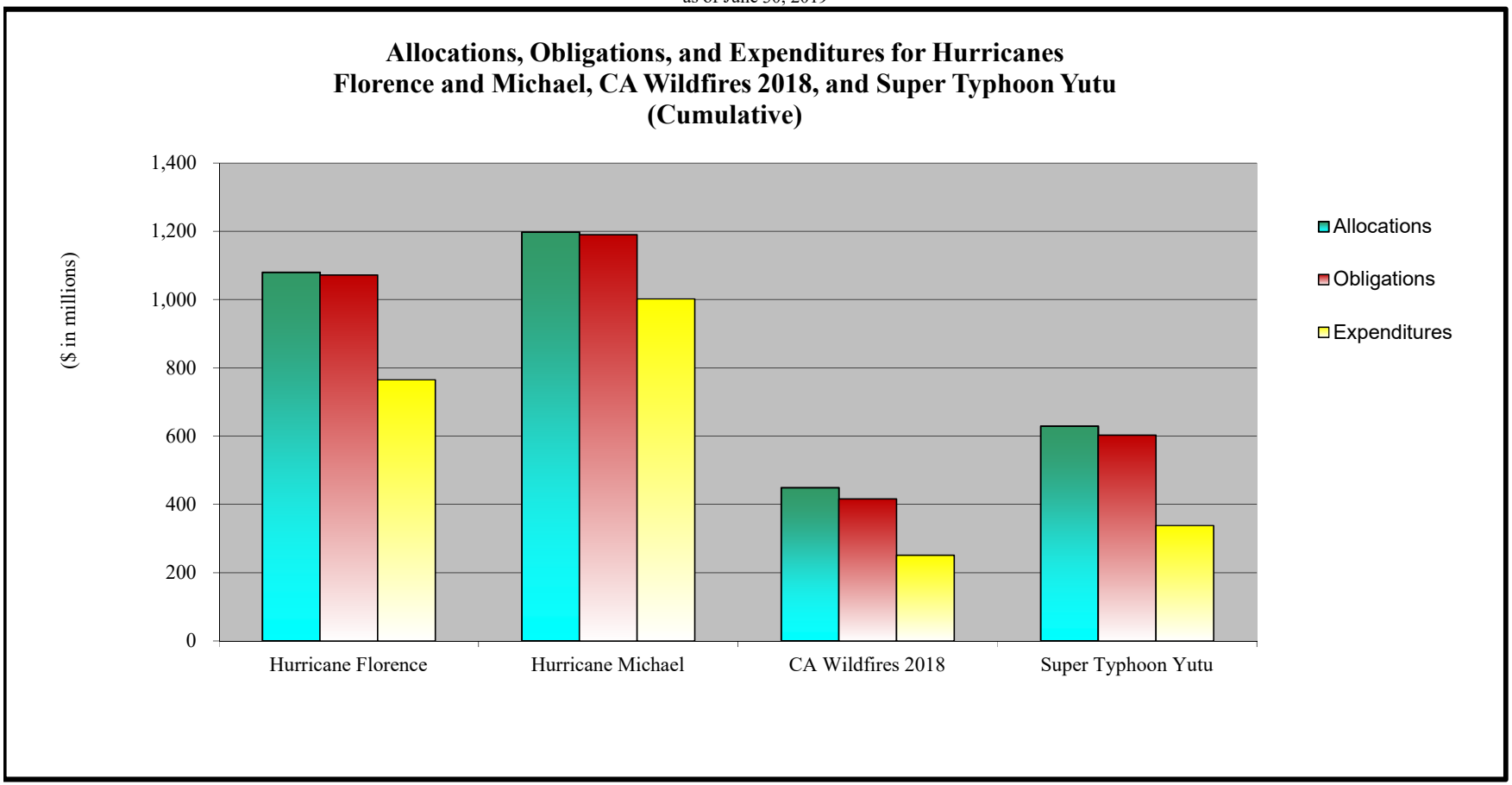
as of June 30, 2019



	Hurricane Harvey	Hurricane Irma	Hurricane Maria	CA Wildfires 2017	Total
Allocations	$ 6,784	$ 4,040	$ 18,237	$ 1,506	$ 30,567
Obligations	6,752	4,039	18,224	1,506	30,521
Expenditures	$ 5,401	$ 3,165	$ 13,553	$ 1,139	$ 23,258

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

as of June 30, 2019

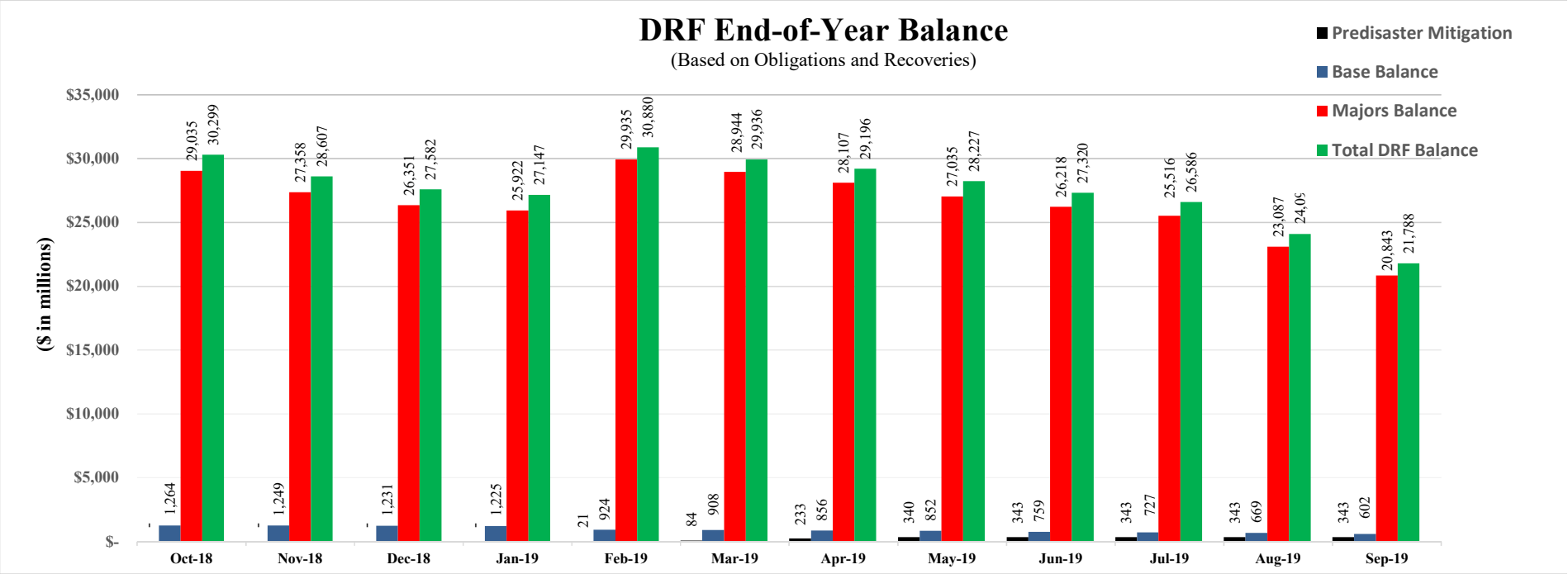


	Hurricane Florence	Hurricane Michael	CA Wildfires 2018	Super Typhoon Yutu	Total
Allocations	$ 1,080	$ 1,198	$ 449	$ 629	$ 3,356
Obligations	1,072	1,190	416	603	3,281
Expenditures	$ 765	$ 1,002	$ 251	$ 338	$ 2,356

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

APPENDIX E: Fund Exhaustion Date

as of June 30, 2019



DRF End-of-Month Balance	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
Predisaster Mitigation	$ -	$ -	$ -	$ -	$ 21	$ 84	$ 233	$ 340	$ 343	$ 343	$ 343	$ 343
Base	1,264	1,249	1,231	1,225	924	908	856	852	759	727	669	602
Majors	29,035	27,358	26,351	25,922	29,935	28,944	28,107	27,035	26,218	25,516	23,087	20,843
Total DRF Balance	**$ 30,299**	**$ 28,607**	**$ 27,582**	**$ 27,147**	**$ 30,880**	**$ 29,936**	**$ 29,196**	**$ 28,227**	**$ 27,320**	**$ 26,586**	**$ 24,099**	**$ 21,788**

APPENDIX F: FY 2019 DRF Bridge Table

FY 2019 DRF Bridge Table

Event	FY 2019 Total Obligations ($ in millions) Baseline*	Current Month as of Jul-19	Previous Month as of Jun-19	Change from Baseline	Change from Prior Month	Changes from Baseline Cause/Reason	Month-to-Month Change Cause/Reason
DRF Base Activities							
Emergencies	$ 87	$ 87	$ 87	$ -	$ -	No adjustments at this time.	No adjustments at this time.
Fire Management	108	220	166	112	54	Public Assistance: $112M increase based on updated estimates.	Public Assistance: $54M increase based on updated estimates.
Surge	50	50	50	-	-	No adjustments at this time.	No adjustments at this time.
Disaster Support & Other Activities Total	299	307	307	8	-	Adjusted to reflect enactment.	No adjustments at this time.
DRS	256	264	264	8	-		
Other Activities	43	43	43	-	-		
Base Subtotal	**544**	**664**	**610**	**120**	**54**		
DRF DR Activities							
Average Monthly Major DR Activity (Non-Cat.)	2,226	2,226	2,226	-	-	No adjustments at this time.	No adjustments at this time.
Gustav	27	28	28	1	-	Activity in 1786 LA: Hazard Mitigation: ($5M) decrease due to environmental review delays and applicant withdrew a safe room project; $6M increase for a generator project and an accelerated safe room project.	No adjustments at this time.
Ike	12	24	24	12	-	Public Assistance: $11M increase primarily due to recoupments, state substantiated additional project costs, and increased costs for scope of work changes in 1791 TX. Other Activity: $1M.	No adjustments at this time.
Katrina Rita Wilma	191	189	187	(2)	2	Public Assistance: $5M net increase primarily for management costs in 1607 LA and 1604 MS. Hazard Mitigation: $2M for wind retrofits and a cost overrun in 1609 FL; $4M increase due to plan modifications for Orleans Parish stormwater project in 1607 LA; $1M increase for Coastal Retrofit project final closeout costs in 1604 MS; ($10M) net decrease primarily for permitting delays in 1603 LA. Administration: ($4M) net decrease primarily for reduced technical assistance contract costs in 1603 LA.	Public Assistance: $1M increase for a cost overrun in 1609 FL. Other Activity: $1M.
Midwest Floods	-	-	-	-	-	No adjustments at this time.	No adjustments at this time.
TN Floods	6	4	4	(2)	-	Activity in 1909 TN: Public Assistance: $1M net increase primarily for an appeal; ($3M) net decrease primarily for delayed and reduced projects costs.	No adjustments at this time
2011 Spring Tornadoes	3	-	2	(3)	(2)	Public Assistance: ($1M) decrease due to anticipated project version not received for Kentucky State Department of Health project in 1976 KY. Hazard Mitigation: ($2M) decrease for delayed stabilization project 1976 KY.	Hazard Mitigation: ($2M) decrease for a delayed stabilization project in 1976 KY.
2011 Spring Floods	6	1	1	(5)	-	Activity in 1981 ND: Public Assistance: ($1M) decrease primarily due to closeout actual cost reductions for Minot School District. Hazard Mitigation: ($3M) decrease for reduced closeout costs. Other Activity: ($1M).	No adjustments at this time.
Irene	28	24	27	(4)	(3)	Public Assistance: ($2M) reduction primarily due to ineligible and reduced closeout costs in 4021 NJ. Hazard Mitigation: ($2M) decrease primarily for a withdrawn project in 4022 VT.	Hazard Mitigation: ($2M) decrease primarily for a withdrawn project in 4022 VT. Other Activity: ($1M).
Lee	9	10	10	1	-	Public Assistance: $2M increase for PA Fish & Boat Commission close out costs and ($2M) decrease for final management cost reconciliation in 4030 PA. Administration: $1M increase in 4031 NY.	No adjustments at this time.
Isaac	9	8	9	(1)	(1)	Other Activity: ($1M).	Other Activity: ($1M).

APPENDIX F: FY 2019 DRF Bridge Table

FY 2019 DRF Bridge Table

Event	FY 2019 Total Obligations ($ in millions)					Changes from Baseline	Month-to-Month Change
	Baseline*	Current Month as of Jul-19	Previous Month as of Jun-19	Change from Baseline	Change from Prior Month	Cause/Reason	Cause/Reason
Sandy	898	630	671	(268)	(41)	Public Assistance: ($97M) net decrease primarily due to reductions for insurance, actual costs, delays, eligibility, scope of work changes, and cost revisions in 4085 NY; ($12M) net decrease primarily related to delayed Hazard Mitigation proposals in 4086 NJ. Hazard Mitigation: ($171M) net decrease due to project denials, pending appeals, state request for additional time needed to complete management cost documentation and phases of Bay Park Ocean Outfall and NYCH Stormwater Protection projects in 4085 NY; $4M increase primarily for revised statements of work in 4086 NJ. Administration: $6M net increase for salaries and benefits in 4085 NY and 4086 NJ. Other Activity: $2M.	Public Assistance: ($52M) decrease primarily for a delayed debris removal project in 4085 NY. Hazard Mitigation: $11M increase for a coastal resilience project in 4085 NY.
2013 Colorado Flood	33	15	26	(18)	(11)	Activity in 4145 CO: Public Assistance: ($15M) net decrease due reduced project costs for Boulder County and delayed projects due to staffing resources diverted to recent disasters. Hazard Mitigation: ($2M) decrease due to reduced participation in Colorado Springs Acquisition project. Administration: ($1M) for reduced salaries and benefits.	Activity in 4145 CO: Public Assistance: ($11M) net decrease primarily for a delayed bridge project.
LA Floods 4277	122	202	192	80	10	Activity in 4277 LA: Public Assistance: $28M increase primarily due to consolidation and acceleration of Livingston Parish Elementary School building projects. Hazard Mitigation: $34M increase for accelerated drainage and elevation projects and additional state management costs requested. Individual Assistance: $12M increase for disaster case management; $2M increase for direct housing. Administration: $3M net increase for technical assistance costs. Other Activity: $1M.	Activity in 4277 LA: Hazard Mitigation: $5M increase for drainage and elevation project accelerations. Administration: $4M increase for technical assistance costs. Other Activity: $1M.
Matthew	159	85	130	(74)	(45)	Public Assistance: ($46M) net decrease primarily for project delays due to additional review time requested and documentation required to proceed in 4283 FL; $1M increase primarily for a Portsmouth Housing Authority project in 4291 VA; ($11M) net decrease primarily due to environmental review delays in 4286 SC and 4285 NC. Hazard Mitigation: ($20M) net decrease primarily due to project delays for St. Johns County drainage project in 4283 FL and delayed elevation projects in 4285 NC and 4283 FL. Other Activity: $2M.	Public Assistance: ($45M) net decrease primarily due to project review delays in 4283 FL.
Harvey	1,532	1,525	1,537	(7)	(12)	Public Assistance: ($10M) net decrease primarily for reduced project costs and delayed management costs in 4332 TX. Hazard Mitigation: $14M net increase primarily for accelerated projects in 4332 TX and 4345 LA. Individual Assistance: $59M increase primarily for disaster case management and direct housing in 4332 TX. Operations: $19M net increase primarily for additional costs for US Army Corps of Engineers mission assignments. Administration: ($4M) decrease for salaries and benefits in 4332 TX; ($84M) net decrease primarily for technical assistance contracts and facility costs in 4332 TX. Other Activity: ($1).	Hazard Mitigation: ($33M) decrease for revised budgets for elevations in 4332 TX. Individual Assistance: $40M net increase primarily for additional disaster case management in 4332 TX. Administration: ($19M) net decrease primarily for technical assistance in 4332 TX.
Irma	911	1,188	1,124	277	64	Public Assistance: ($8M) decrease for cost adjustments in 4336 PR; ($42M) net decrease primarily for University of the Virgin Islands projects and revised estimates in 4335 VI; $292M net increase for revised costs and accelerated projects in 4337 FL; $1M net increase primarily for management costs in 4338 GA and 4346 SC. Hazard Mitigation: $68M net increase primarily for South Broward Hospital District and other accelerated projects in 4337 FL; $3M increase for new projects in 4338 GA; ($2M) decrease for delayed projects in 4346 SC; ($10M) decrease for project delays in 4335 VI. Individual Assistance: $4M increase for housing and other needs assistance in 4336 PR; ($4M) net decrease primarily for reduced immediate needs, mobile homes, and disaster case management costs in 4337 FL; $27M increase for unemployment in 4335 VI. Administration: ($56M) net decrease for reduced technical assistance and indirect administrative costs in 4337 FL; $2M increase for an administrative mission assignment in 4336 PR. Other Activity: $2M.	Public Assistance: $53M net increase for project accelerations in 4337 FL. Hazard Mitigation: $17M increase for accelerated projects primarily in 4337 FL; ($10M) decrease for project delays in 4335 VI. Administration: $4M net increase primarily for other service contracts in 4337 FL.
Maria	9,334	6,006	7,899	(3,328)	(1,893)	Public Assistance: ($2,673M) net decrease primarily due to delays caused by ongoing clarification of policy and restructuring of project development and processing in 4339 PR; ($354M) net decrease primarily for project cost revisions and delays in 4340 VI. Hazard Mitigation: ($213M) decrease primarily for delayed projects in 4340 VI and 4339 PR. Individual Assistance: $8M net increase across the majority of programs in 4339 PR and 4340 VI. Operations: $56M net increase for additional mission assignment costs in 4339 PR and 4340 VI. Administration: ($154M) net decrease primarily for reduced facilities costs, salaries, benefits, travel, technical assistance contract costs and administrative mission assignments in 4339 PR and 4340 VI. Other Activity: $2M.	Public Assistance: ($1,528M) net decrease related to a multitude of top applicant's project delays due to staffing limitations and challenges related to restructuring of the project formulation processes in 4339 PR; ($152M) for delayed projects in 4340 VI. Hazard Mitigation: ($146M) decrease primarily for delays resulting from scope of work changes in 4340 VI. Individual Assistance: ($54M) decrease primarily for disaster case management in 4339 PR. Operations: $3M increase for mission assignment costs in 4340 VI. Administration: ($15M) net decrease primarily for reduced equipment costs in 4339 PR. Other Activity: ($1M).

APPENDIX F: FY 2019 DRF Bridge Table

FY 2019 DRF Bridge Table

Event	FY 2019 Total Obligations ($ in millions)					Changes from Baseline	Month-to-Month Change
	Baseline*	Current Month as of Jul-19	Previous Month as of Jun-19	Change from Baseline	Change from Prior Month	Cause/Reason	Cause/Reason
CA Wildfires 2017	162	80	76	(82)	4	Activity in 4344 CA: Public Assistance: ($91M) decrease primarily due to three large projects were re-aligned and project reconciliations. Hazard Mitigation: $6M increase for accelerated projects. Individual Assistance: $1M increase due to additional payment authorized for disaster housing assistance. Other Activity: $2M.	Activity in 4334 CA: Hazard Mitigation: $3M increase for an Ely Booster Station Retrofit. Other Activity: $1M.
Florence	492	889	898	397	(9)	Public Assistance: $304M net increase primarily due to large project accelerations, formulation completion and refined estimates in 4393 NC; $27M increase primarily due to revised project costs in 4394 SC; ($6M) decrease due to validated costs and withdrawn projects in 4401 VA. Hazard Mitigation: $7M increase for advanced assistance projections in 4393 NC and 4394 SC. Individual Assistance: $45M net increase primarily for increased temporary housing assistance, crisis counseling, mobile home costs, and disaster case management in 4393 NC; $3M net increase for disaster case management in 4394 SC. Administration: $17M net increase primarily for revised salaries, benefits, travel, technical assistance contracts, and mission assignment costs primarily in 4393 NC.	Public Assistance: ($11M) decrease for scope of work changes in 4393 NC; $3M increase for accelerated projects in 4394 SC; ($1M) decrease for revised project costs in 4401 VA.
Michael	-	1,386	1,375	1,386	11	Activity in Michael: $1,359M increase for actual obligations and initial projections reported after 1 October 2018. Public Assistance: ($66M) net decrease primarily for updated project costs in 4399 FL; $3M net increase for new projects and cost revisions in 4406 AL; $12M net increase primarily for accelerated projects and increased costs in 4400 GA and 4412 NC. Hazard Mitigation: $2M net increase for state management costs in 4399 FL. Individual Assistance: $23M net increase primarily for disaster housing and unemployment assistance in 4399 FL; $2M increase for tarp replenishment in 4400 GA. Operations: $52M net increase for increased mission assignment costs in 4400 GA; ($16M) decrease primarily due to Health & Human Services mission assignment in 4339 FL. Administration: $11M net increase primarily for increase travel and personnel costs in 4400 GA; $2M net increase primarily for personnel and technical assistance costs in 4399 FL. Other Activity: $2M.	Public Assistance: $15M increase for updated project costs and accelerations in 4399 FL; $2M net increase primarily for Georgia Dept. of Emergency Management in 4400 GA; ($6M) decrease due to environmental review delays in 4406 AL; ($5M) decrease for revised project costs in 4412 NC. Individual Assistance: ($5M) net decrease primarily for reduced costs for direct housing and crisis counseling in 4399 FL. Administration: $10M net increase primarily for personnel and technical assistance costs in 4399 FL.
CA Wildfires 2018	-	1,014	997	1,014	17	Activity in 4407 CA: $1,499M increase for actual obligations and initial projections reported after 1 October 2018. Public Assistance: $549M net increase primarily for new Cal Recycle and Butte County Tree Removal debris projects. Individual Assistance: $32M net increase primarily for disaster housing assistance payments and direct housing costs. Operations: ($1,113M) decrease for reduced debris mission assignments. Administration: $46M net increase primarily for salaries, benefits, technical assistance, facilities, and administrative mission assignment costs. Other Activity: $1M.	Activity in 4407 CA: Public Assistance: ($5M) net decrease primarily for project delays. Individual Assistance: $4M increase for direct housing. Operations: $8M increase for unrealized deobligations. Administration: $10M increase primarily for salaries, benefits, and travel costs.
Yutu	-	647	661	647	(14)	Activity in 4404 CNMI: $557M increase for initial FY 2019 obligations/estimates across all program areas. Public Assistance: $47M net increase for mitigation associated with power restoration project, enhanced cost share and cost alignments. Individual Assistance: $86M increase for disaster unemployment, immediate needs assistance, additional payments for direct housing assistance, approval of permanent housing construction program and temporary sheltering program. Hazard Mitigation: ($11M) decrease due to projected projects still under formulation anticipated to delay funding. Operations: ($45M) net decrease for reduced mission assignment costs. Administration: $13M net increase.	Activity in 4404 CNMI: Public Assistance: ($1M) decrease for delayed projects. Operations: $2M increase for mission assignment costs. Administration: ($15M) net decrease primarily for reduced technical assistance costs.
DR Subtotal	**16,160**	**16,181**	**18,104**	**21**	**(1,923)**		
Total	**$ 16,704**	**$ 16,845**	**$ 18,714**	**$ 141**	**$ (1,869)**		

*Based on FY 2019 spend plan baselines.