Disaster Relief Fund: Monthly Report

as of March 31, 2019

April 5, 2019

Fiscal Year 2019 Report to Congress

Homeland Security

Federal Emergency Management Agency

Foreword from the Acting Administrator

April 5, 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 March 31, 2019

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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 March 31, 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 funds exhaust 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 March 31, 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	147	1,502	-	1,649
Total Budget Authority	**1,190**	**41,002**	**-**	**42,192**
Anticipated Transfers to DADLP [1,2]	-	(4,233)	-	(4,233)
Actual Transfers to DADLP [1,2]	-	-	-	-
Potential 6% for Predisaster Mitigation per DRRA [1,3]	-	(84)	84	-
Revised Budget Authority	**1,190**	**36,685**	**84**	**37,959**
Obligations [4]	(282)	(7,741)	-	(8,023)
Balance	**908**	**28,944**	**84**	**29,936**
Projections for the Remainder of FY 2019				
Projected FY 2019 Additional Obligations				
Based on Existing Spend Plans				
Non-Catastrophic Disasters	-	(1,222)	-	(1,222)
Catastrophic Disasters	-	(10,574)	-	(10,574)
DRS and Other	(167)	-	-	(167)
Subtotal Existing Spend Plans	**(167)**	**(11,796)**	**-**	**(11,963)**
Based on 10-year Average				
Non-Catastrophic Disasters	-	(38)	-	(38)
EM, FMAG, and SU	(103)	-	-	(103)
Subtotal 10-year Average	**(103)**	**(38)**	**-**	**(141)**
Total Projected FY 2019 Additional Obligations	(270)	(11,834)	-	(12,104)
Projected Additional Recoveries	153	198	-	351
Balance	**$ 791**	**$ 17,308**	**$ 84**	**$ 18,183**

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) As of March 31, 2019, unobligated commitments totaled $81 million and uncommitted/unobligated allocations totaled $247 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 March 31, 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	$ 29,059	$ 27,540	$ 24,043	$ 21,100	$ 19,747	$ 18,183
FY 2019 Enacted [1]	7,901				4,357								
Potential 6% for Predisaster Mitigation per DRRA [2]					(21)	(63)							
Predisaster Mitigation [2]					21	63							
Anticipated Transfers to DADLP [3]	(4,230)				(3)								
Total Available Beginning of Month	31,971	30,299	28,607	27,582	31,501	30,880	29,936	29,059	27,540	24,043	21,100	19,747	18,183
Major Declarations	30,639	29,035	27,358	26,351	30,532	29,872	28,944	28,077	26,558	23,065	20,144	18,824	17,308
Base	1,332	1,264	1,249	1,231	948	924	908	898	898	894	872	839	791
Predisaster Mitigation					21	84	84	84	84	84	84	84	84
DRF Base Activities													
Emergencies													
Monthly Actual/Estimated Obligations	(41)	(2)	(1)	-	(1)	-	-	(2)	(1)	(6)	(10)	(23)	(87)
Fire Management													
Monthly Actual/Estimated Obligations	(16)	(4)	(15)	(7)	(21)	(16)	(6)	(9)	(1)	(6)	(3)	(4)	(108)
Surge													
Monthly Actual/Estimated Obligations	(10)	(10)	4	-	(1)	(1)	-	-	-	-	(14)	(18)	(50)
Disaster Support & Other Activities													
DRS Monthly Actual/Estimated Obligations	(17)	(14)	(24)	(16)	(23)	(25)	(27)	(12)	(24)	(29)	(26)	(27)	(264)
Other Monthly Actual/Estimated Obligations	(4)	(4)	(3)	1	(8)	(3)	(2)	(2)	(3)	(6)	(5)	(4)	(43)
Monthly Actual/Estimated Obligations	(21)	(18)	(27)	(15)	(31)	(28)	(29)	(14)	(27)	(35)	(31)	(31)	(307)
Actual/Estimated Base Obligations	(88)	(34)	(39)	(22)	(54)	(45)	(35)	(25)	(29)	(47)	(58)	(76)	(552)
DRF DR Activities													
Average Monthly Major DR Activity (Non-Cat.)													
Monthly Actual/Estimated Obligations	(87)	(114)	(191)	(72)	(163)	(339)	(137)	(219)	(231)	(380)	(163)	(130)	(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)	(3)	(7)	(4)	(1)	-	(22)
Ike													
Initial FY 2019 Spend Plan Estimates	(2)	(2)	(1)	(3)	-	-	(2)	-	(2)	-	-	-	(12)
Monthly Actual/Estimated Obligations	(2)	(1)	-	-	(1)	(10)	(6)	-	(2)	-	-	-	(22)
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)	(15)	(12)	(16)	(4)	(9)	(31)	(202)
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)	(2)	(1)	(1)	-	(7)
2011 Spring Tornadoes													
Initial FY 2019 Spend Plan Estimates	-	-	(2)	-	-	-	-	-	-	-	-	(1)	(3)
Monthly Actual/Estimated Obligations	-	-	-	-	-	-	-	-	-	(1)	(1)	-	(2)

APPENDIX B: DRF Funding Activity (Details)

Disaster Relief Fund Monthly Obligations FY 2019
DRF Monthly Spend Plan (FY 2019)
($ in millions)
as of March 31, 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)	-	-	(1)	-	(3)
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)	(4)	(1)	(4)	(9)	(3)	(27)
Lee													
Initial FY 2019 Spend Plan Estimates	-	-	(2)	(1)	-	(1)	-	(3)	-	-	-	(2)	(9)
Monthly Actual/Estimated Obligations	(1)	-	(2)	-	2	-	-	(5)	-	(2)	(2)	-	(10)
Isaac													
Initial FY 2019 Spend Plan Estimates	-	-	-	(1)	(1)	(1)	(2)	-	-	-	(3)	(1)	(9)
Monthly Actual/Estimated Obligations	-	-	-	-	-	-	-	-	(3)	(2)	(3)	(1)	(9)
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)	(40)	(36)	(116)	(76)	(36)	(127)	(697)
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)	-	(3)	(3)	(1)	(9)	(5)	(29)
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)	(9)	(6)	(18)	(12)	(34)	(4)	(174)
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)	(3)	(21)	(32)	(24)	(6)	(26)	(151)
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)	(74)	(125)	(311)	(211)	(83)	(138)	(1,555)
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)	(85)	(75)	(98)	(77)	(58)	(104)	(971)
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)	(244)	(796)	(2,434)	(1,384)	(716)	(800)	(9,089)
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)	(3)	(46)	(19)	(42)	(6)	(5)	(155)

APPENDIX B: DRF Funding Activity (Details)

Disaster Relief Fund Monthly Obligations FY 2019
DRF Monthly Spend Plan (FY 2019)
($ in millions)
as of March 31, 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)	(62)	(115)	(61)	(30)	(44)	(46)	(829)
Michael													
Initial FY 2019 Spend Plan Estimates	-	-	-	-	-	-	-	-	-	-	-	-	-
Monthly Actual/Estimated Obligations	(655)	(130)	(92)	(71)	(29)	(28)	(53)	(19)	(72)	(69)	(67)	(111)	(1,396)
CA Wildfires 2018													
Initial FY 2019 Spend Plan Estimates	-	-	-	-	-	-	-	-	-	-	-	-	-
Monthly Actual/Estimated Obligations	-	(444)	(95)	210	(38)	(18)	(132)	(60)	(83)	(621)	(107)	(1)	(1,389)
Yutu													
Initial FY 2019 Spend Plan Estimates	-	-	-	-	-	-	-	-	-	-	-	-	-
Monthly Actual/Estimated Obligations	(126)	(154)	(95)	(66)	(73)	(17)	(34)	(5)	(17)	(9)	2	(16)	(610)
Actual/Estimated Major Declaration Obligations													
Total DR Actual/Estimated Obligations	(1,778)	(1,833)	(1,190)	(702)	(867)	(1,371)	(900)	(1,552)	(3,526)	(2,954)	(1,354)	(1,548)	(19,575)
FY 2019 Actual/Estimated Recoveries													
Monthly Recovery Estimates	**209**	**175**	**204**	**289**	**300**	**472**	**58**	**58**	**58**	**58**	**59**	**60**	**2,000**
Major Declaration Actuals/Estimates	177	156	183	273	270	443	33	33	33	33	34	32	1,700
Base Actuals/Estimates	32	19	21	16	30	29	25	25	25	25	25	28	300
Reserve for No-Notice Event													
DRF Available at End of Month (Including Recoveries)	**$ 30,299**	**$ 28,607**	**$ 27,582**	**$ 27,147**	**$ 30,880**	**$ 29,936**	**$ 29,059**	**$ 27,540**	**$ 24,043**	**$ 21,100**	**$ 19,747**	**$ 18,183**	

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.

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 Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	FY 2019 Total
Gustav														
1786-LA	$ (1,670)	$ -	$ (1)	$ (1)	$ -	$ (1)	$ (3)	$ (1)	$ (3)	$ (7)	$ (4)	$ (1)	$ -	$ (22)
1789-AL	(10)	-	-	-	-	-	-	-	-	-	-	-	-	-
1793-AR	(6)	-	-	-	-	-	-	-	-	-	-	-	-	-
1794-MS	(40)	-	-	-	-	-	-	-	-	-	-	-	-	-
1806-FL	(6)	-	-	-	-	-	-	-	-	-	-	-	-	-
	(1,732)	**-**	**(1)**	**(1)**	**-**	**(1)**	**(3)**	**(1)**	**(3)**	**(7)**	**(4)**	**(1)**	**-**	**(22)**
Ike														
1791-TX	(4,406)	(2)	(1)	-	-	(1)	(10)	(2)	-	(2)	-	-	-	(18)
1792-LA	(369)	-	-	-	-	-	-	(4)	-	-	-	-	-	(4)
1797-AL	(8)	-	-	-	-	-	-	-	-	-	-	-	-	-
1802-KY	(24)	-	-	-	-	-	-	-	-	-	-	-	-	-
1804-AR	(3)	-	-	-	-	-	-	-	-	-	-	-	-	-
1805-OH	(56)	-	-	-	-	-	-	-	-	-	-	-	-	-
	(4,866)	**(2)**	**(1)**	**-**	**-**	**(1)**	**(10)**	**(6)**	**-**	**(2)**	**-**	**-**	**-**	**(22)**
Katrina Rita Wilma														
1602-FL	(233)	-	-	-	-	-	-	-	-	-	-	-	-	-
1603-LA	(32,631)	(2)	(25)	(13)	(6)	(3)	(40)	(15)	(12)	(16)	(3)	(9)	(31)	(175)
1604-MS	(10,100)	-	-	-	-	(2)	(2)	-	-	-	(1)	-	-	(5)
1605-AL	(1,041)	-	-	-	-	-	-	-	-	-	-	-	-	-
1606-TX	(1,877)	-	-	-	-	(1)	-	-	-	-	-	-	-	(1)
1607-LA	(1,909)	-	-	(1)	-	-	(19)	-	-	-	-	-	-	(20)
1609-FL	(2,566)	-	-	(1)	-	-	-	-	-	-	-	-	-	(1)
	(50,357)	**(2)**	**(25)**	**(15)**	**(6)**	**(6)**	**(61)**	**(15)**	**(12)**	**(16)**	**(4)**	**(9)**	**(31)**	**(202)**
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	(547)	-	(2)	-	-	-	-	-	(1)	(2)	(1)	(1)	-	(7)
	(547)	**-**	**(2)**	**-**	**-**	**-**	**-**	**-**	**(1)**	**(2)**	**(1)**	**(1)**	**-**	**(7)**

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 Estimated	May Estimated	June Estimated	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)	-	-	-	-	-	-	-	-	-	(1)	(1)	-	(2)
1980-MO	(512)	-	-	-	-	-	-	-	-	-	-	-	-	-
	(1,584)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**(1)**	**(1)**	**-**	**(2)**
2011 Spring Floods														
1981-ND	(638)	-	-	-	-	-	-	(1)	(1)	-	-	(1)	-	(3)
1982-MN	(27)	-	-	-	-	-	-	-	-	-	-	-	-	-
1983-MS	(36)	-	-	-	-	-	-	-	-	-	-	-	-	-
1984-SD	(83)	-	-	-	-	-	-	-	-	-	-	-	-	-
	(784)	**-**	**-**	**-**	**-**	**-**	**-**	**(1)**	**(1)**	**-**	**-**	**(1)**	**-**	**(3)**
Irene														
4017-PR	(139)	-	-	(2)	-	-	-	-	-	-	-	-	-	(2)
4019-NC	(194)	-	-	-	-	-	-	-	-	-	-	-	-	-
4020-NY	(898)	-	-	(1)	-	-	-	(1)	(4)	-	(1)	(8)	-	(15)
4021-NJ	(397)	-	-	-	-	-	-	-	-	(1)	(1)	(1)	(1)	(4)
4022-VT	(326)	-	-	-	-	-	-	-	-	-	(2)	-	(2)	(4)
4023-CT	(75)	-	-	-	-	-	-	-	-	-	-	-	-	-
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)	-	-	-	-	-	-	-	-	-	-	-	-	-
	(2,324)	**(2)**	**-**	**(3)**	**-**	**-**	**-**	**(1)**	**(4)**	**(1)**	**(4)**	**(9)**	**(3)**	**(27)**
Lee														
4030-PA	(374)	-	-	(2)	-	2	-	-	-	-	-	-	-	-
4031-NY	(451)	(1)	-	-	-	-	-	-	(5)	-	(2)	(2)	-	(10)
4038-MD	(15)	-	-	-	-	-	-	-	-	-	-	-	-	-
4039-NJ	(6)	-	-	-	-	-	-	-	-	-	-	-	-	-
4041-LA	(7)	-	-	-	-	-	-	-	-	-	-	-	-	-
4045-VA	(7)	-	-	-	-	-	-	-	-	-	-	-	-	-
	(860)	**(1)**	**-**	**(2)**	**-**	**2**	**-**	**-**	**(5)**	**-**	**(2)**	**(2)**	**-**	**(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 Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	FY 2019 Total
Isaac														
4080-LA	(702)	-	-	-	-	-	1	-	-	(2)	-	(3)	(1)	(5)
4081-MS	(90)	-	-	-	-	-	(1)	-	-	(1)	-	-	-	(2)
4082-AL	(10)	-	-	-	-	-	-	-	-	-	-	-	-	-
4084-FL	(33)	-	-	-	-	-	-	-	-	-	(2)	-	-	(2)
	(835)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**(3)**	**(2)**	**(3)**	**(1)**	**(9)**
Sandy														
4085-NY	(17,253)	(46)	(17)	(9)	(5)	(55)	(116)	(37)	(25)	(79)	(65)	(23)	(114)	(591)
4086-NJ	(3,296)	(3)	(3)	(2)	(5)	(3)	(2)	(3)	(11)	(37)	(11)	(13)	(12)	(105)
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)	-	-	-	-	-	-	-	-	-	-	-	-	-
	(20,850)	**(49)**	**(20)**	**(11)**	**(10)**	**(58)**	**(118)**	**(40)**	**(36)**	**(116)**	**(76)**	**(36)**	**(127)**	**(697)**
2013 Colorado Flood														
4145-CO	(627)	-	(1)	(1)	-	(1)	(5)	-	(3)	(3)	(1)	(9)	(5)	(29)
	(627)	**-**	**(1)**	**(1)**	**-**	**(1)**	**(5)**	**-**	**(3)**	**(3)**	**(1)**	**(9)**	**(5)**	**(29)**
LA Floods 4277														
4277-LA	(2,476)	(19)	(13)	(11)	(14)	(16)	(18)	(9)	(6)	(18)	(12)	(34)	(4)	(174)
	(2,476)	**(19)**	**(13)**	**(11)**	**(14)**	**(16)**	**(18)**	**(9)**	**(6)**	**(18)**	**(12)**	**(34)**	**(4)**	**(174)**
Matthew														
4283-FL	(420)	-	(8)	(6)	-	(2)	(2)	-	(7)	(26)	(17)	(5)	(12)	(85)
4284-GA	(136)	-	(1)	-	-	-	(1)	-	(3)	(3)	(4)	-	(3)	(15)
4285-NC	(661)	(3)	(4)	(2)	(1)	(1)	-	(1)	(11)	-	(3)	(1)	-	(27)
4286-SC	(376)	(1)	-	(3)	-	(1)	(1)	(1)	-	(3)	-	-	(9)	(19)
4291-VA	(37)	-	(2)	-	-	-	-	(1)	-	-	-	-	(2)	(5)
	(1,630)	**(4)**	**(15)**	**(11)**	**(1)**	**(4)**	**(4)**	**(3)**	**(21)**	**(32)**	**(24)**	**(6)**	**(26)**	**(151)**

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 Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	FY 2019 Total
Harvey														
4332-TX	(5,794)	(93)	(93)	(183)	(65)	(85)	(93)	(74)	(125)	(311)	(211)	(83)	(137)	(1,553)
4345-LA	(10)	(1)	-	-	-	-	-	-	-	-	-	-	(1)	(2)
	(5,804)	**(94)**	**(93)**	**(183)**	**(65)**	**(85)**	**(93)**	**(74)**	**(125)**	**(311)**	**(211)**	**(83)**	**(138)**	**(1,555)**
Irma														
4335-VI	(305)	(1)	(2)	(2)	(1)	(11)	-	(1)	(15)	(14)	(17)	(7)	(36)	(107)
4336-PR	(75)	(4)	(2)	(1)	-	-	(1)	(1)	-	-	-	-	-	(9)
4337-FL	(2,560)	(22)	(49)	(39)	(32)	(111)	(175)	(83)	(55)	(82)	(60)	(42)	(57)	(807)
4338-GA	(189)	(1)	-	-	-	(1)	(10)	-	-	-	-	(9)	(10)	(31)
4341-FL	(7)	-	-	-	-	-	-	-	-	-	-	-	-	-
4346-SC	(29)	(2)	(2)	-	(1)	-	(4)	-	(5)	(2)	-	-	(1)	(17)
	(3,165)	**(30)**	**(55)**	**(42)**	**(34)**	**(123)**	**(190)**	**(85)**	**(75)**	**(98)**	**(77)**	**(58)**	**(104)**	**(971)**
Maria														
4339-PR	(12,863)	(455)	(520)	(389)	(532)	(163)	(325)	(143)	(672)	(2,383)	(1,254)	(649)	(496)	(7,981)
4340-VI	(2,139)	(68)	(141)	(11)	(8)	(24)	(79)	(101)	(124)	(51)	(130)	(67)	(304)	(1,108)
	(15,002)	**(523)**	**(661)**	**(400)**	**(540)**	**(187)**	**(404)**	**(244)**	**(796)**	**(2,434)**	**(1,384)**	**(716)**	**(800)**	**(9,089)**
CA Wildfires 2017														
4344-CA	(1,464)	(14)	(13)	(2)	(1)	(2)	(2)	(3)	(46)	(19)	(42)	(6)	(5)	(155)
	(1,464)	**(14)**	**(13)**	**(2)**	**(1)**	**(2)**	**(2)**	**(3)**	**(46)**	**(19)**	**(42)**	**(6)**	**(5)**	**(155)**
Florence														
4393-NC	(340)	(133)	(76)	(31)	(25)	(73)	(54)	(55)	(105)	(41)	(25)	(35)	(27)	(680)
4394-SC	(98)	(37)	(14)	(3)	(6)	(6)	(5)	(6)	(8)	(19)	(4)	(5)	(18)	(131)
4401-VA	-	-	(1)	(1)	(1)	(3)	(2)	(1)	(2)	(1)	(1)	(4)	(1)	(18)
	(438)	**(170)**	**(91)**	**(35)**	**(32)**	**(82)**	**(61)**	**(62)**	**(115)**	**(61)**	**(30)**	**(44)**	**(46)**	**(829)**
Michael														
4399-FL	-	(556)	(94)	(43)	(38)	(21)	(16)	(47)	(9)	(56)	(58)	(60)	(102)	(1,100)
4400-GA	-	(99)	(35)	(48)	(32)	(6)	(10)	(6)	(6)	(15)	(5)	(4)	(6)	(272)
4406-AL	-	-	(1)	(1)	(1)	(2)	(2)	-	(4)	(1)	(6)	(3)	(3)	(24)
4412 -NC	-	-	-	-	-	-	(1)	-	(1)	(2)	(4)	(2)	(8)	(18)
	-	**(655)**	**(130)**	**(92)**	**(71)**	**(29)**	**(28)**	**(53)**	**(19)**	**(72)**	**(69)**	**(67)**	**(111)**	**(1,396)**
CA Wildfires 2018														
4407-CA		-	(444)	(95)	210	(38)	(18)	(132)	(60)	(83)	(621)	(107)	(1)	(1,389)
	-	**-**	**(444)**	**(95)**	**210**	**(38)**	**(18)**	**(132)**	**(60)**	**(83)**	**(621)**	**(107)**	**(1)**	**(1,389)**
Yutu														
4404-NMI	-	(126)	(154)	(95)	(66)	(73)	(17)	(34)	(5)	(17)	(9)	2	(16)	(610)
	-	**(126)**	**(154)**	**(95)**	**(66)**	**(73)**	**(17)**	**(34)**	**(5)**	**(17)**	**(9)**	**2**	**(16)**	**(610)**
TOTAL	**$ (117,895)**	**$ (1,691)**	**$ (1,719)**	**$ (999)**	**$ (630)**	**$ (704)**	**$ (1,032)**	**$ (763)**	**$ (1,333)**	**$ (3,295)**	**$ (2,574)**	**$ (1,191)**	**$ (1,418)**	**$ (17,349)**

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 March 31, 2019

($ in millions)

SANDY	Cumulative Obligations Thru FY 2018 (1)	Actual Obligations 1st Qtr	Actuals Obligations 2nd Qtr	Projections 3rd Qtr	Projections 4th Qtr	FY 2019 Totals	Totals Thru FY 2019
Public Assistance	$ 16,294	$ 39	$ 166	$ 144	$ 120	$ 469	$ 16,763
Individual Assistance	1,603	-	-	-	-	-	1,603
Mitigation	1,134	22	8	30	108	168	1,302
Operations	319	-	-	-	-	-	319
Administrative	1,500	19	12	18	11	60	1,560
Total	**$ 20,850**	**$ 80**	**$ 186**	**$ 192**	**$ 239**	**$ 697**	**$ 21,547**

HARVEY	Cumulative Obligations Thru FY 2018 (1)	Actual Obligations 1st Qtr	Actuals Obligations 2nd Qtr	Projections 3rd Qtr	Projections 4th Qtr	FY 2019 Totals	Totals Thru FY 2019
Public Assistance	$ 1,021	$ 182	$ 164	$ 289	$ 368	$ 1,003	$ 2,024
Individual Assistance	2,824	27	23	11	(7)	54	2,878
Mitigation	179	15	4	57	27	103	282
Operations	208	-	1	2	-	3	211
Administrative	1,572	146	51	151	44	392	1,964
Total	**$ 5,804**	**$ 370**	**$ 243**	**$ 510**	**$ 432**	**$ 1,555**	**$ 7,359**

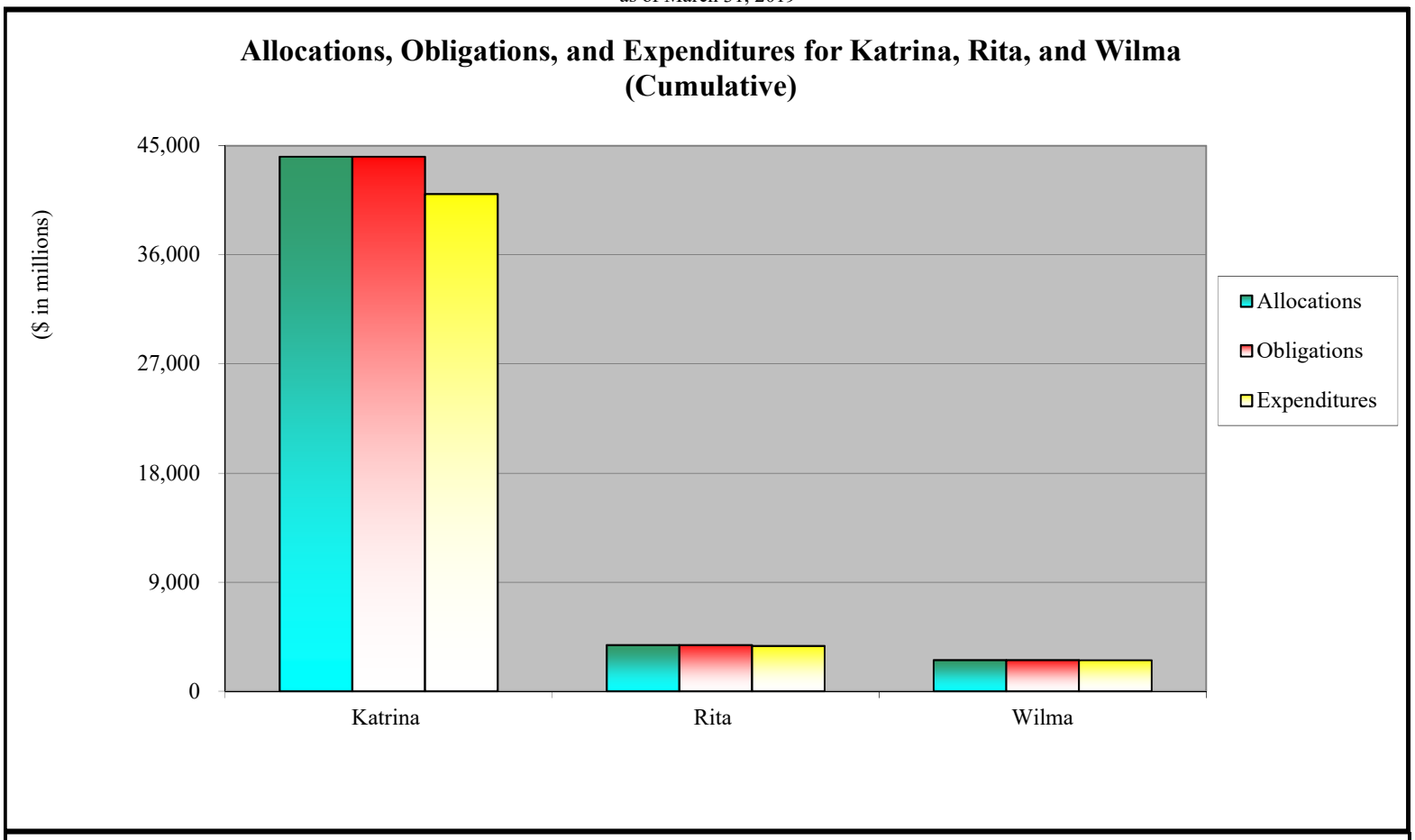
IRMA	Cumulative Obligations Thru FY 2018 (1)	Actual Obligations 1st Qtr	Actuals Obligations 2nd Qtr	Projections 3rd Qtr	Projections 4th Qtr	FY 2019 Totals	Totals Thru FY 2019
Public Assistance	$ 489	$ 60	$ 248	$ 178	$ 178	$ 664	$ 1,153
Individual Assistance	1,278	12	19	16	7	54	1,332
Mitigation	11	11	24	52	28	115	126
Operations	334	-	1	-	-	1	335
Administrative	1,053	44	55	12	26	137	1,190
Total	**$ 3,165**	**$ 127**	**$ 347**	**$ 258**	**$ 239**	**$ 971**	**$ 4,136**

MARIA	Cumulative Obligations Thru FY2018 (1)	Actual Obligations 1st Qtr	Actuals Obligations 2nd Qtr	Projections 3rd Qtr	Projections 4th Qtr	FY 2019 Totals	Totals Thru FY 2019
Public Assistance	$ 5,279	$ 1,122	$ 859	$ 3,211	$ 2,292	$ 7,484	$ 12,763
Individual Assistance	2,310	100	80	54	59	293	2,603
Mitigation	27	-	9	43	177	229	256
Operations	4,806	193	19	-	13	225	5,031
Administrative	2,580	169	164	166	359	858	3,438
Total	**$ 15,002**	**$ 1,584**	**$ 1,131**	**$ 3,474**	**$ 2,900**	**$ 9,089**	**$ 24,091**

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

APPENDIX D: ALLOCATIONS, OBLIGATIONS, AND EXPENDITURES

as of March 31, 2019

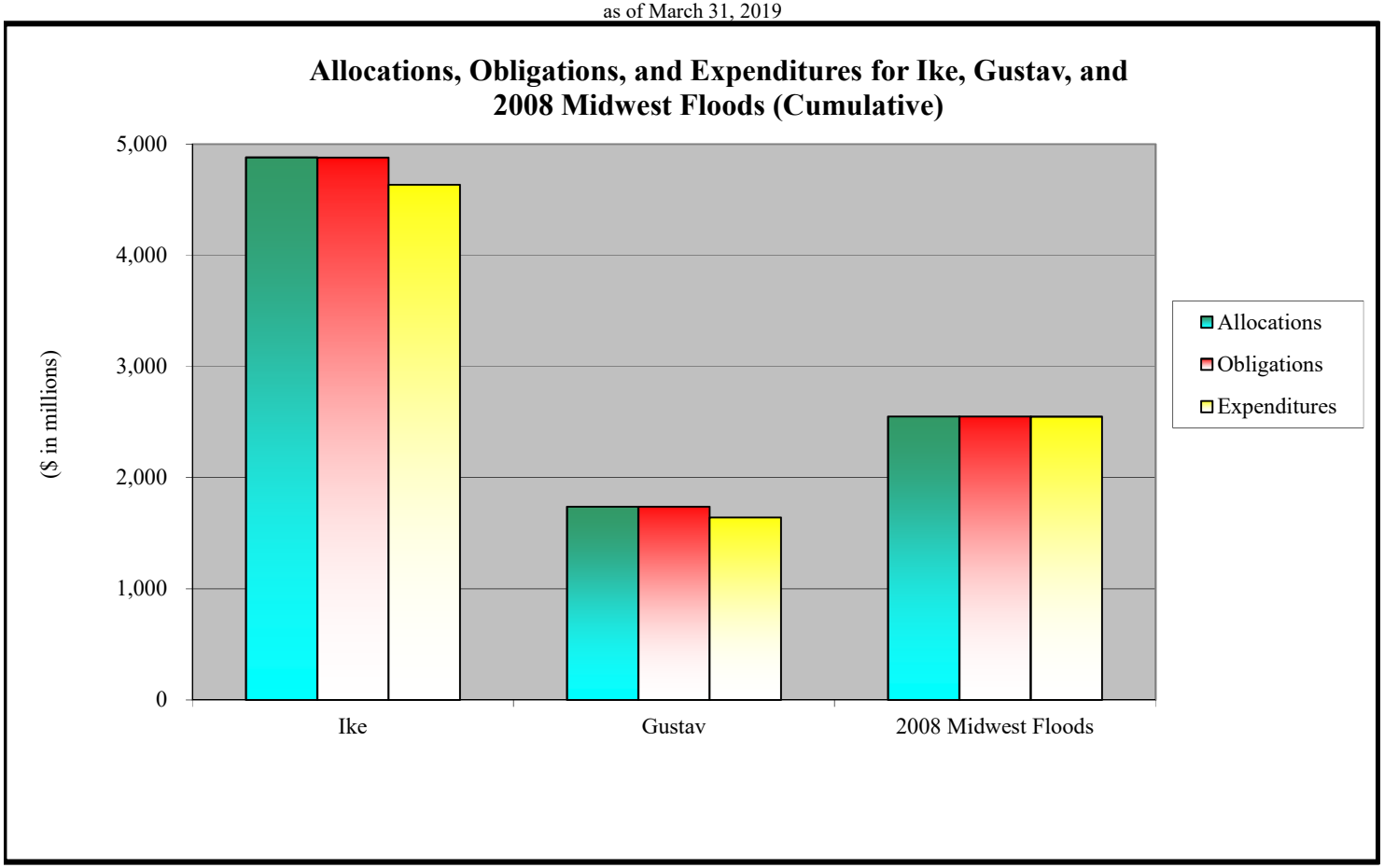


	Katrina	Rita	Wilma	Total
Allocations	$ 44,097	$ 3,807	$ 2,570	$ 50,474
Obligations	44,097	3,807	2,568	50,472
Expenditures	$ 41,006	$ 3,742	$ 2,561	$ 47,309

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

APPENDIX D: ALLOCATIONS, OBLIGATIONS, AND EXPENDITURES

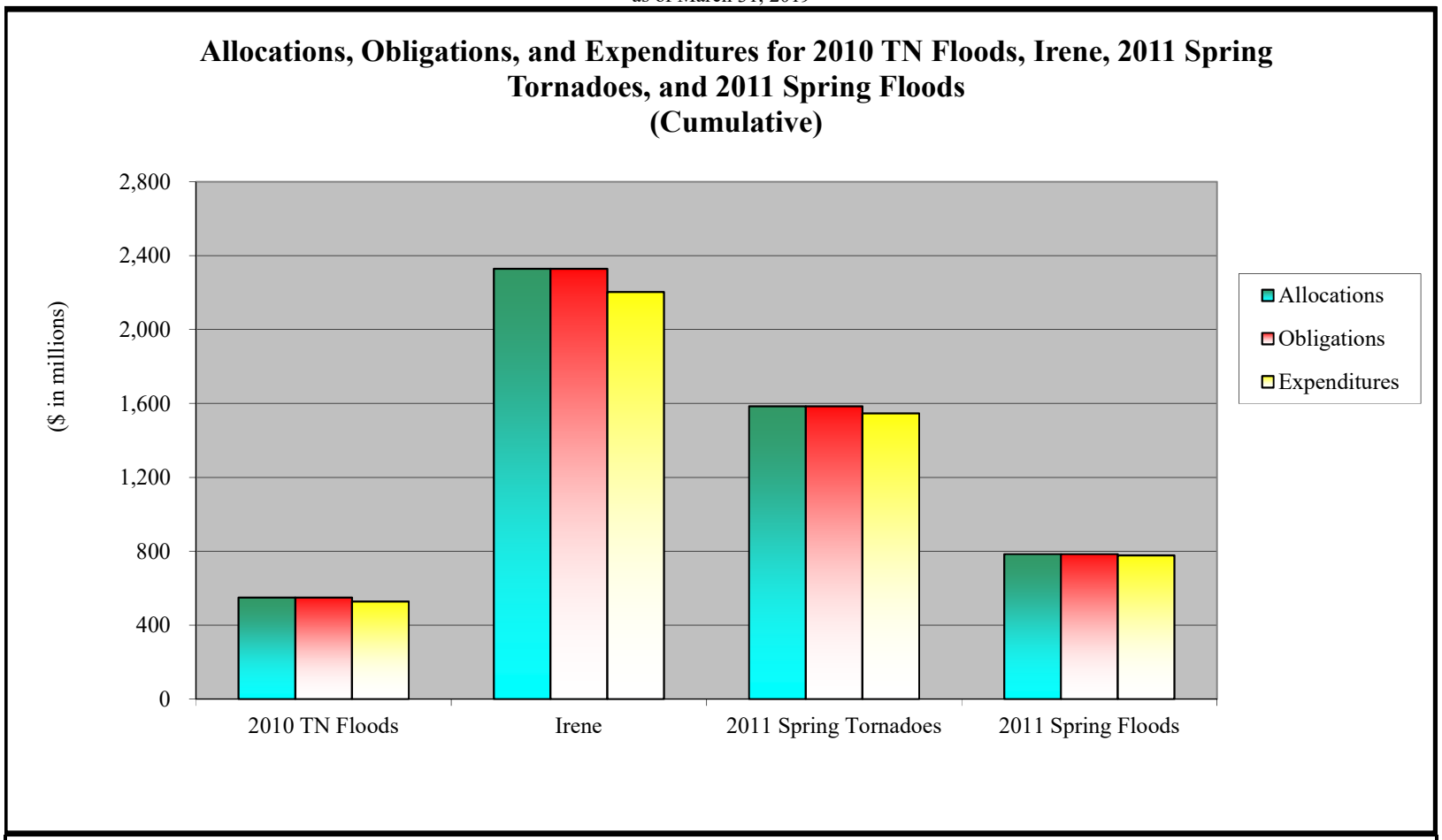
as of March 31, 2019



	Ike	Gustav	2008 Midwest Floods	Total
Allocations	$ 4,881	$ 1,738	$ 2,550	$ 9,169
Obligations	4,880	1,738	2,550	9,168
Expenditures	$ 4,636	$ 1,642	$ 2,549	$ 8,827

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

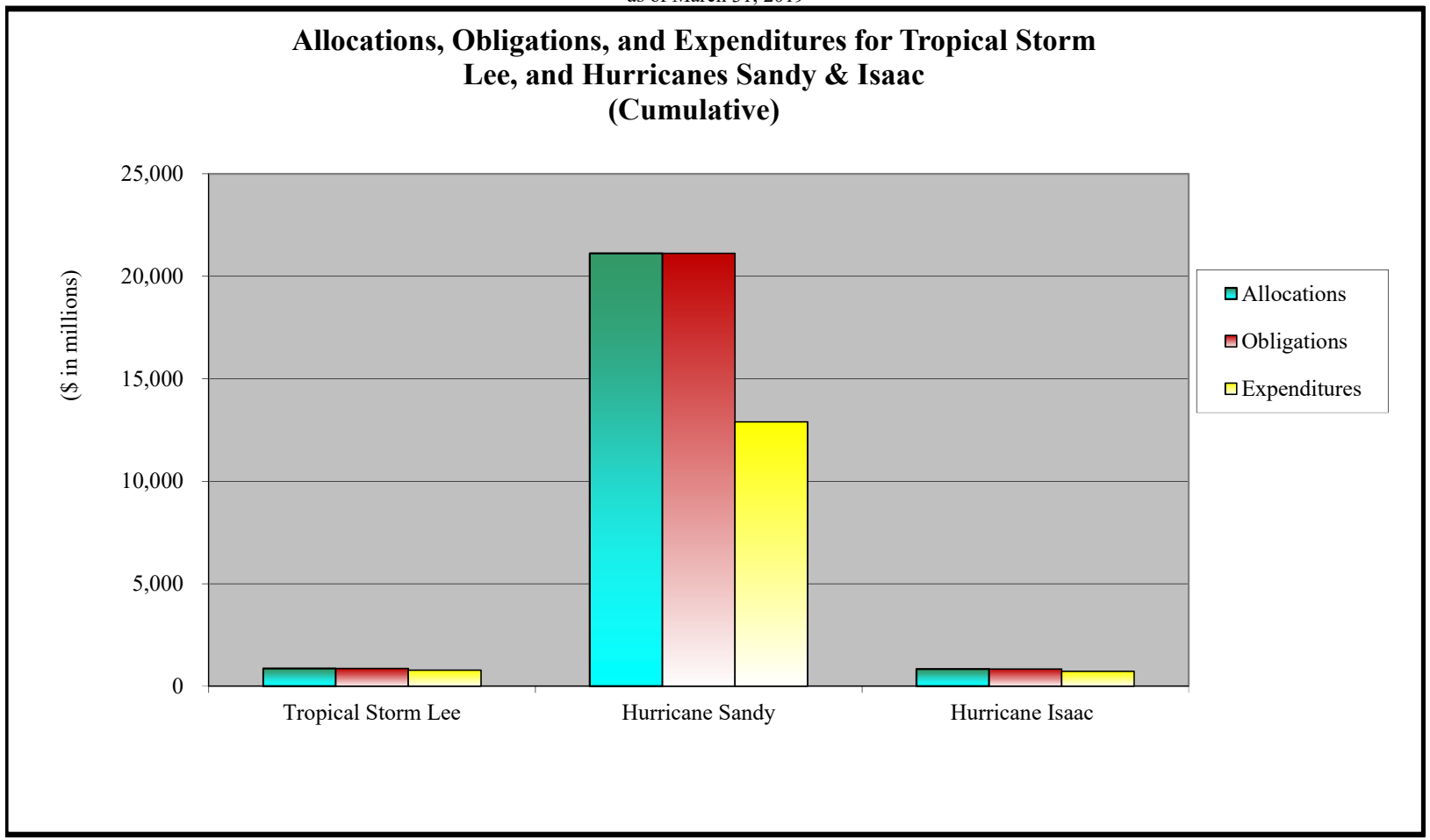
as of March 31, 2019



	2010 TN Floods	Irene	2011 Spring Tornadoes	2011 Spring Floods	Total
Allocations	$ 549	$ 2,329	$ 1,584	$ 784	$ 5,246
Obligations	549	2,329	1,584	784	5,246
Expenditures	$ 528	$ 2,203	$ 1,546	$ 777	$ 5,054

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

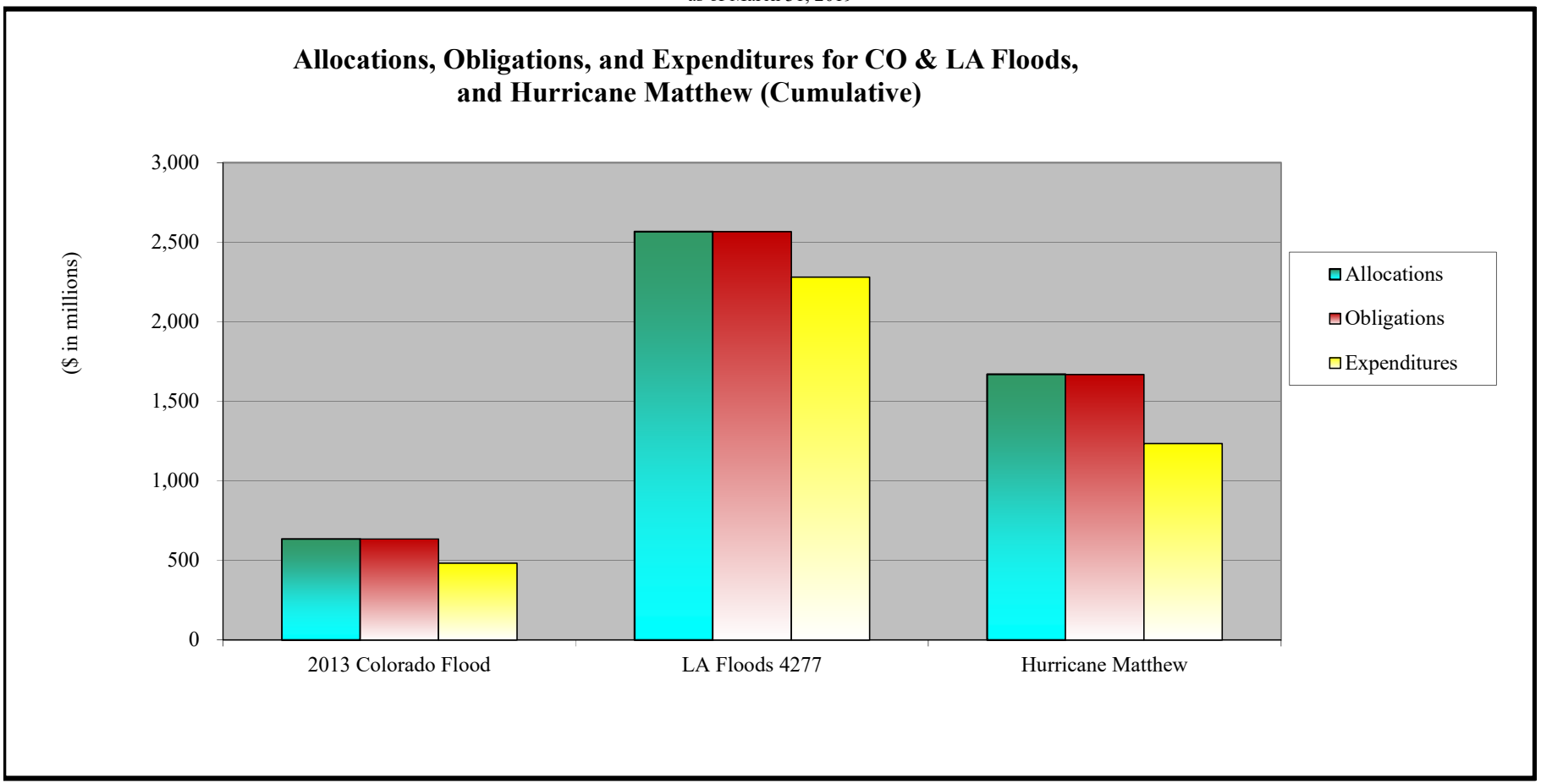
as of March 31, 2019



	Tropical Storm Lee	Hurricane Sandy	Hurricane Isaac	Total
Allocations	$ 863	$ 21,116	$ 836	$ 22,815
Obligations	861	21,116	835	22,812
Expenditures	$ 778	$ 12,896	$ 719	$ 14,393

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

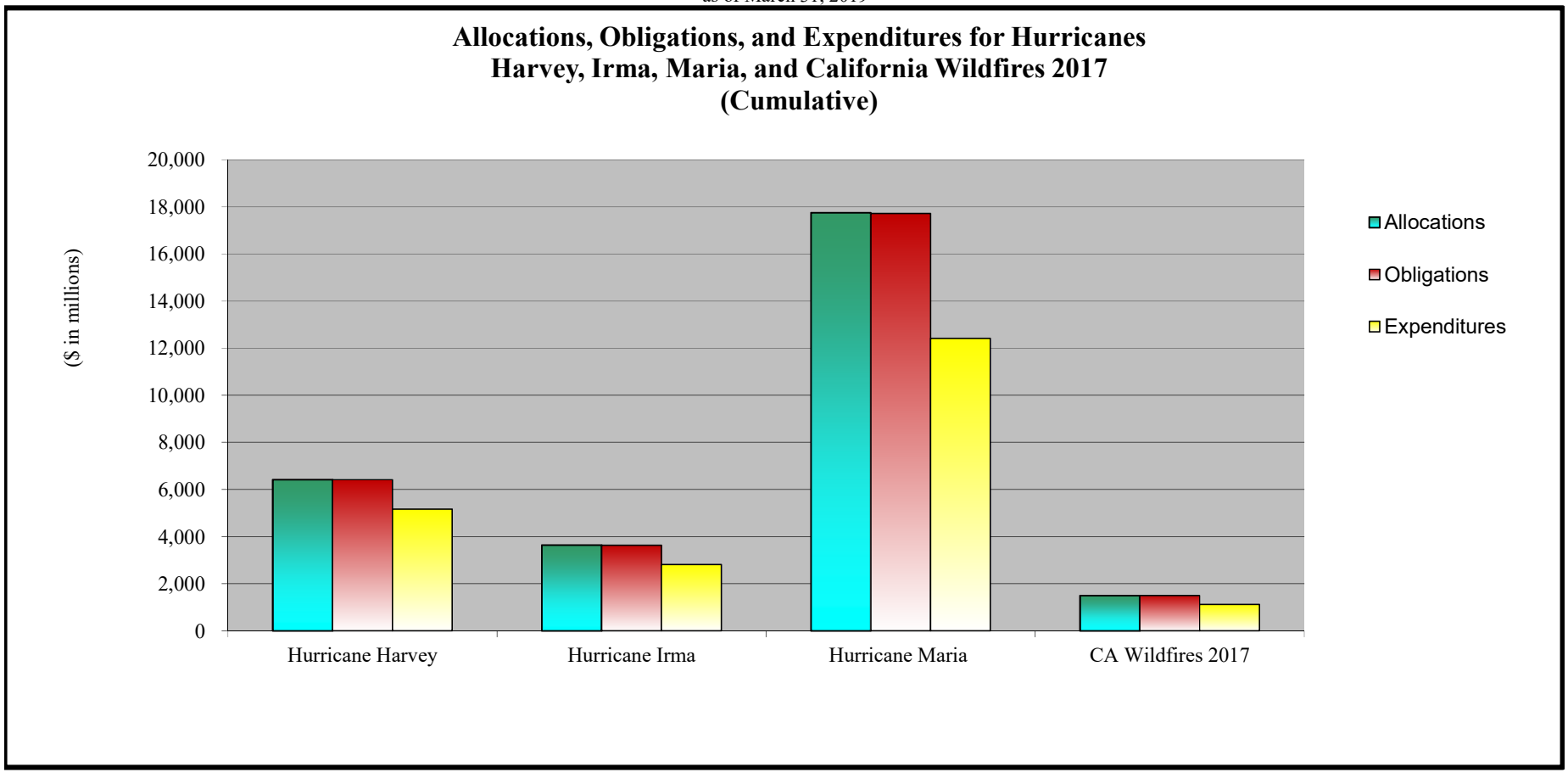
as of March 31, 2019



	2013 Colorado Flood	LA Floods 4277	Hurricane Matthew	Total
Allocations	$ 635	$ 2,567	$ 1,670	$ 4,872
Obligations	635	2,567	1,669	4,871
Expenditures	$ 482	$ 2,280	$ 1,234	$ 3,996

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

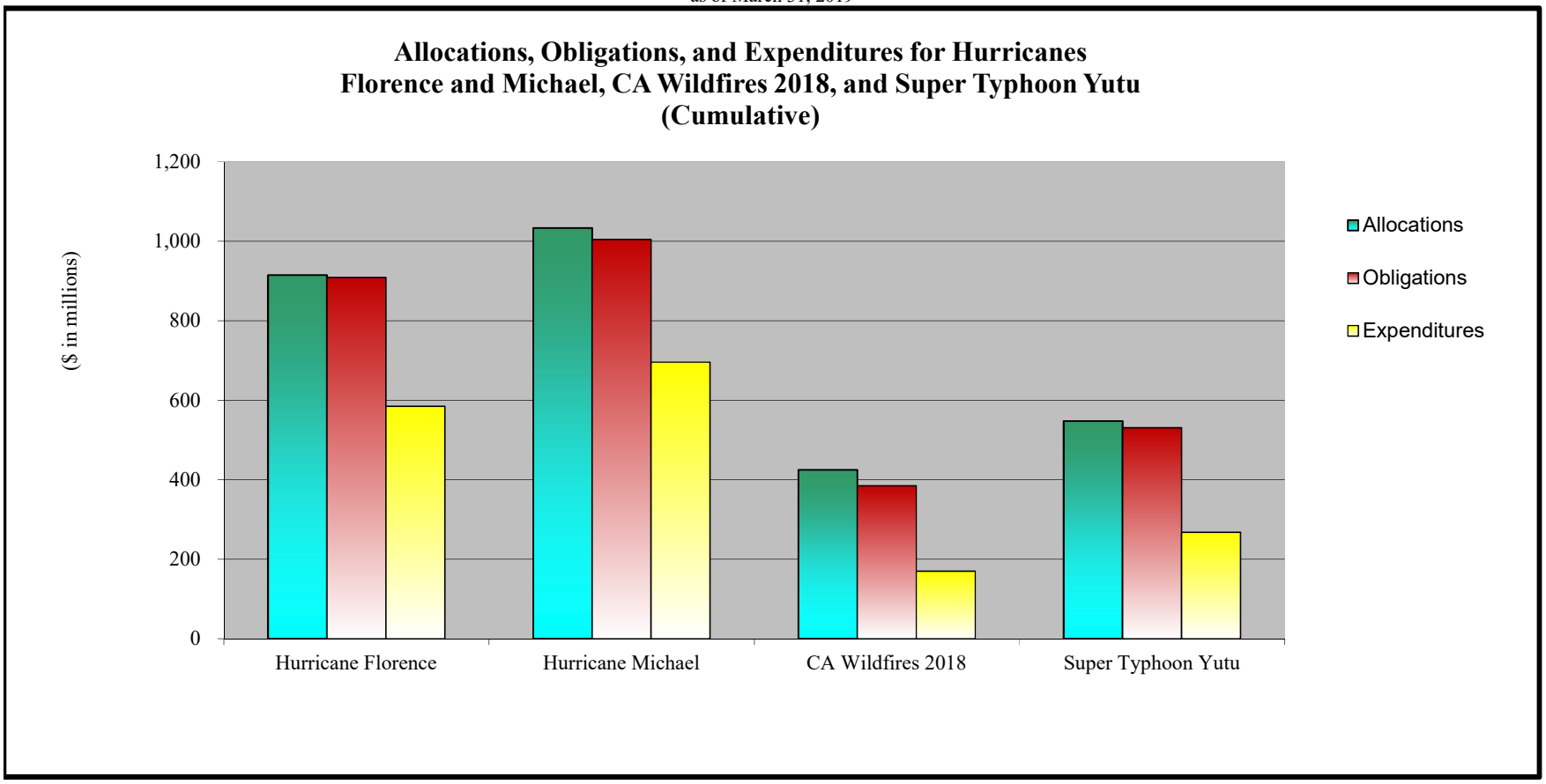
as of March 31, 2019



	Hurricane Harvey	Hurricane Irma	Hurricane Maria	CA Wildfires 2017	Total
Allocations	$ 6,419	$ 3,640	$ 17,748	$ 1,499	$ 29,306
Obligations	6,417	3,639	17,717	1,498	29,271
Expenditures	$ 5,167	$ 2,813	$ 12,416	$ 1,120	$ 21,516

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

as of March 31, 2019

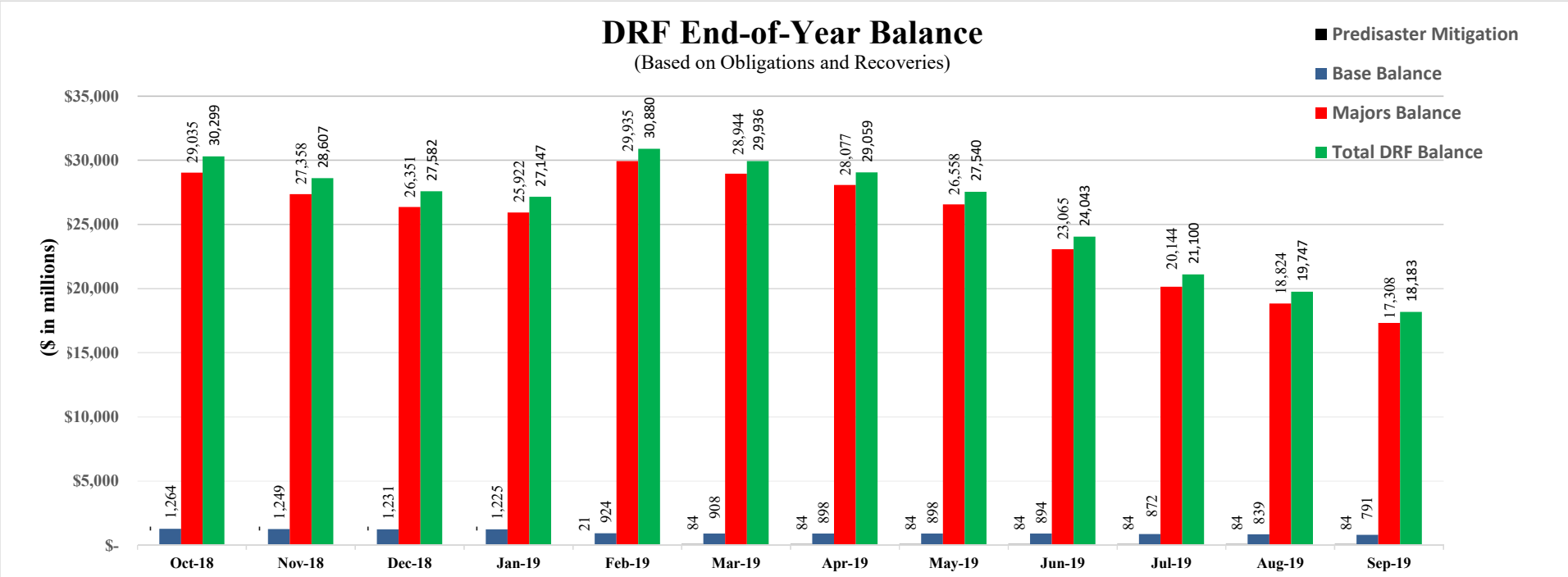


	Hurricane Florence	Hurricane Michael	CA Wildfires 2018	Super Typhoon Yutu	Total
Allocations	$ 915	$ 1,034	$ 425	$ 548	$ 2,922
Obligations	909	1,005	385	531	2,830
Expenditures	$ 585	$ 696	$ 170	$ 268	$ 1,719

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

APPENDIX E: Fund Exhaustion Date

as of March 31, 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	$0	$0	$0	$0	$21	$84	$84	$84	$84	$84	$84	$84
Base	1,264	1,249	1,231	1,225	924	908	898	898	894	872	839	791
Majors	29,035	27,358	26,351	25,922	29,935	28,944	28,077	26,558	23,065	20,144	18,824	17,308
Total DRF Balance	**$30,299**	**$28,607**	**$27,582**	**$27,147**	**$30,880**	**$29,936**	**$29,059**	**$27,540**	**$24,043**	**$21,100**	**$19,747**	**$18,183**

APPENDIX F: FY 2019 DRF Bridge Table

FY 2019 DRF Bridge Table

Event	FY 2019 Total Obligations ($ in millions) Baseline*	Current Month as of Apr-19	Previous Month as of Mar-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	108	108	-	-	No adjustments at this time.	No adjustments at this time.
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.	Adjusted to reflect enactment.
DRS	256	264	264	8	-		
Other Activities	43	43	43	-	-		
Base Subtotal	**544**	**552**	**552**	**8**	**-**		
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	22	25	(5)	(3)	Activity in 1786 LA: Hazard Mitigation: ($5M) decrease due to environmental review delays and applicant withdrew a safe room project.	Activity in 1786 LA: Hazard Mitigation: ($3M) decrease due to Plaquemines Parish safe room project withdrawn by applicant.
Ike	12	22	22	10	-	Public Assistance: $9M increase primarily due to recoupments and state substantiated additional project costs on 1791 TX. Other Activity: $1M.	No adjustments at this time.
Katrina Rita Wilma	191	202	197	11	5	Public Assistance: $5M net increase primarily for management costs in 1607 LA and 1604 MS. Hazard Mitigation: $1M for wind retrofits 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. Administration: $1M net increase primarily for technical assistance contract costs in 1603 LA. Other Activity: ($1M).	Hazard Mitigation: $4M increase due to plan modifications for Orleans Parish stormwater project in 1607 LA; $1M increase for final closeout costs for the Coastal Retrofit project in 1604 MS.
Midwest Floods	- -	-	-	-	-	No adjustments at this time.	No adjustments at this time.
TN Floods	6	7	7	1	-	Activity in 1909 TN: Public Assistance: $1M net primarily for an appeal.	No adjustments at this time.
2011 Spring Tornadoes	3	2	3	(1)	(1)	Public Assistance: ($1M) decrease due to updated project version not received for the Kentucky State Department of Health project in 1976 KY.	Public Assistance: ($1M) decrease due to updated project version not received for Kentucky State Department of Health project in 1976 KY.
2011 Spring Floods	6	3	4	(3)	(1)	Activity in 1981 ND: Public Assistance: ($1M) decrease primarily due to reduced closeout costs for Minot School District. Hazard Mitigation: ($1M) decrease due to unrealized cost overruns. Other Activity: ($1M).	Activity in 1981 ND: Hazard Mitigation: ($1M) decrease due to unrealized cost overruns.
Irene	28	27	27	(1)	-	Public Assistance: ($1M) reduction primarily due to ineligible project costs in 4021 NJ.	No adjustments at this time.
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; $1M increase for direct administrative costs in 4031 NY.	No adjustments at this time.
Isaac	9	9	9	-	-	No adjustments at this time.	No adjustments at this time.
Sandy	898	697	893	(201)	(196)	Public Assistance: ($42M) net decrease primarily due to reductions for insurance, actual costs, delays, eligibility, scope of work changes, and cost revisions in 4085 NY. Hazard Mitigation: ($167M) 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. Administration: $6M increase for salaries and benefits in 4085 NY and 4086 CT. Other Activity: $2M.	Public Assistance: ($36M) decrease primarily due to delays to NY Aquarium project due to scope of work changes, other project cost revisions, additional review time requested and lack of documentation in 4085 NY. Hazard Mitigation: ($163M) decrease primarily due states request for additional time to obtain documents for management costs and complete phases of Bay Park Ocean Outfall and New York City Housing Authority Stormwater projects in 4085 NY. Administration: $3M increase due to revised personnel estimates in 4085 NY and 4087 CT.
2013 Colorado Flood	33	29	29	(4)	-	Activity in 4145 CO: Public Assistance: ($1M) net decrease due reduced project costs for Boulder County. Hazard Mitigation: ($2M) decrease due to reduced participation in Colorado Springs Acquisition project. Administration: ($1M) for reduced salaries and benefits.	No adjustments at this time.

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 Apr-19	Previous Month as of Mar-19	Change from Baseline	Change from Prior Month	Cause/Reason	Cause/Reason
LA Floods 4277	122	174	174	52	-	Activity in 4277 LA: Public Assistance: $28M increase primarily due to consolidation and acceleration of Livingston Parish Elementary School building projects. Hazard Mitigation: $13M increase for accelerated drainage projects. Individual Assistance: $12M increase for disaster case management. Administration: ($1M) net decrease primarily for reduced technical assistance costs.	No adjustments at this time.
Matthew	159	151	154	(8)	(3)	Public Assistance: ($1M) 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. Hazard Mitigation: ($8M) decrease due to anticipated phase 2 delays in St. Johns County drainage project in 4283 FL; $1M increase due to additional properties added for acquisition and elevation projects in 4285 NC; ($3M) decrease due to phasing project costs and a project withdrawal in 4285 NC; $1M increase for management costs in 4284 GA. Other Activity: $1M.	Public Assistance: ($2M) decrease due project delayed due to request for additional review time and documentation required on several projects in 4283 FL. Hazard Mitigation: $1M increase due to additional acquisition and elevation properties added in 4285 NC; ($3M) decrease due to project withdrawal and phasing of Hartville Drainage project in 4286 SC; $1M increase for state management costs in 4284 GA.
Harvey	1,532	1,555	1,510	23	45	Individual Assistance: ($2M) decrease for immediate needs assistance and mobile home program in 4332 TX. Hazard Mitigation: $53M increase due to new applications received and anticipate award this fiscal year in 4332 TX. Administration: ($6M) decrease for salaries and benefits in 4332 TX; $2M increase for travel in 4332 TX; ($24M) decrease for technical assistance contracts and facility costs in 4332 TX.	Individual Assistance: ($1M) decrease primarily for reduced estimates for the mobile home program in 4332 TX. Hazard Mitigation: $53M increase due to new applications received and anticipated award this fiscal year in 4332 TX. Administration: ($8M) decrease primarily due to reductions in technical assistance contractors and facility costs; $2M increase for travel; and ($1M) decrease in personnel estimates in 4332 TX.
Irma	911	971	918	60	53	Public Assistance: ($8M) decrease for cost adjustments in 4336 PR; ($12M) net decrease primarily for University of the Virgin Islands projects and revised estimates in 4335 VI; $65M net increase for revised costs and accelerated projects in 4337 FL; $10M increase due to management costs in 4338 GA and 4346 SC. Hazard Mitigation: $34M increase primarily for South Broward Hospital District projects in 4337 FL; $1M net increase primarily for accelerated projects in 4335 VI; $3M increase for new projects in 4338 GA. Individual Assistance: $4M increase for housing and other needs assistance in 4336 PR; ($6M) net decrease primarily for reduced immediate needs, mobile homes, and disaster case management costs in 4337 FL; $27M increase for unemployment in 4335 VI. Operations: $1M increase for mission assignment reconciliations in 4337 FL. Administration: ($62M) 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: $1M.	Public Assistance: ($2M) decrease due to revised cost estimates and project withdrawal in 4335 VI; $25M net increase due to several project costs refined and reviews completed sooner than anticipated, as well as, reviews delaying other projects in 4337 FL; $11M for management costs submitted in 4338 GA and 4346 SC. Hazard Mitigation: ($2M) decrease in the wind retrofit project and a denied project in 4335 VI; $15M increase due to new projects submitted in 4337 FL; ($1M) decrease due to revised drainage project funding in 4341 Seminole Tribe. Individual Assistance: $2M increase due to ONA appeals and new legislation authorized additional funding in disaster housing assistance in 4337 FL. Administration: $4M increase due to revised personnel, technical assistance, and mission assignment costs in 4337 FL. Other Activity: $1M.
Maria	9,334	9,089	9,385	(245)	(296)	Public Assistance: $2M increase due to multiple project costs revisions received from the sectors in 4339 PR; ($180M) net decrease primarily for Gov. Juan F Luis Hospital project delayed to FY20 and significant cost reductions due to revised estimates for the Next Generation Network building and sheltering and temporary emergency program, which were offset by prior increases in 4340 VI. Hazard Mitigation: ($47M) decrease primarily for delayed projects in 4340 VI and 4339 PR. Individual Assistance: $83M net increase primarily for disaster case management, disaster housing, other needs, and unemployment assistance in 4339 PR and 4340 VI. Operations: $43M net increase for additional mission assignment costs in 4339 PR and 4340 VI. Administration: ($149M) net decrease primarily for reduced facilities costs, salaries, benefits, travel and duplicated technical assistance projections in 4339 PR and 4340 VI, which included reduction for mission assignment reconciled costs. Other Activity: $3M.	Public Assistance: $2M increase due to multiple project costs reevaluated and revised estimates received from sectors in 4399 PR; ($343M) decrease primarily due to Gov. Juan F Luis Hospital delayed to FY20, and substantial cost reductions for the Next Generation Network building and STEP program in 4340 VI. Hazard Mitigation: $1M increase primarily due to revised cost estimate for Frenchman's Reef Hotel emergency operations center in 4340 VI. Individual Assistance: $30M increase primarily due to additional funding required for other needs assistance program, disaster housing assistance, and for the extension of the crisis counseling program in 4339 PR; $4M increase due to extension and new legislation authorized additional funding for disaster housing assistance program in 4340. Administration: $11M net increase for administrative mission assignments in 4339 PR; ($2M) net decrease primarily due to reconciled mission assignment costs, offset by extension of one facility site in 4340 VI. Other Activity: $1M
CA Wildfires 2017	162	155	158	(7)	(3)	Activity in 4344 CA: Public Assistance: ($9M) decrease primarily due to ineligible projects and large projects were not reconciled in prior month. Individual Assistance: $1M increase due to additional payment authorized for disaster housing assistance. Other Activity: $1M.	Activity in 4344 CA: Public Assistance: ($4M) decrease primarily due two large projects were obligated and not reconciled in prior month. Individual Assistance: $1M increase primarily due to new legislation authorized additional payments for disaster housing and other needs assistance programs.

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 Apr-19	Previous Month as of Mar-19	Change from Baseline	Change from Prior Month	Cause/Reason	Cause/Reason
Florence	492	829	795	337	34	Public Assistance: $268M net increase primarily due to large project accelerations, formulation completion and refined estimates in 4393 NC; $2M increase due to revised costs in 4394 SC; ($1M) 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: $40M net increase primarily for increased temporary housing assistance, contract extensions, mobile home costs, and disaster case management in 4393 NC; ($1M) decrease due to disaster case management was not approved in 4394 SC. Administration: $21M net increase primarily for revised salaries, benefits, travel, technical assistance contracts, and mission assignment costs primarily in the Florence disasters, primarily 4393 NC. Other Activity: $1M.	Public Assistance: $32M net increase primarily for revised estimates and accelerated project reviews in 4393 NC; $2M increase due to revised costs in 4394 SC; ($1M) decrease due to validated costs and withdrawn projects in 4401 VA. Individual Assistance: $5M increase primarily for mobile home haul and install and transportation costs in 4393 NC; ($1M) decrease due to disaster case management was not approved in 4394 SC. Administrative: ($3M) net decrease primarily for cost revision for personnel, technical assistance contracts, mission assignments, and other administrative costs in 4393 NC.
Michael	-	1,396	1,438	1,396	(42)	Activity in Michael: $1,359M increase for actual obligations and initial projections reported after 1 October 2018. Public Assistance: ($55M) net decrease primarily for updated project costs in 4399 FL; $3M increase for revised costs in 4400 GA; $13M net increase for new projects and cost revisions in 4406 AL. Individual Assistance: $17M net increase primarily for disaster housing assistance, which was reduced from reductions in immediate needs and mobile home program estimates 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; $9M net increase primarily for technical assistance contract and personnel costs in 4399 FL. Other Activity: $1M.	Public Assistance: Increase due to new formulated and revised project costs, $3M in 4399 FL and $3M in 4400 GA; ($2M) decrease due to validated actual costs of projects less than applicants costs in 4406 AL. Individual Assistance: ($24M) decrease primarily due to withdrawn water and tarp replenishment request and mobile home program estimates reduced in 4399 FL; $2M increase for tarp replenishment in 4400 GA. Operations: ($1M) decrease due to reconciled mission assignment costs in 4399 FL; ($24M) reduction for the United States Army Corp of Engineers debris mission assignment in 4400 GA. Administration: ($2M) decrease due lowered technical assistance contracts and reconciled mission assignment costs, which were offset by increases in personnel, travel, and facility costs in 4399 FL; $3M increase for personnel costs in 4400 GA.
CA Wildfires 2018	-	1,389	1,371	1,389	18	Activity in 4407 CA: $1,499M increase for actual obligations and initial projections reported after 1 October 2018. Public Assistance: $887M increase primarily for new Cal Recycle and Butte County Tree Removal debris projects. Individual Assistance: $58M net increase primarily for disaster housing assistance payments, additional mobile home and travel trailer group sites construction projects, and related direct housing costs. Operations: ($1,090) decrease for reduced debris mission assigned costs. Administration: $34M net increase primarily for salaries, benefits, technical assistance, facilities, and administrative mission assignment costs. Other Activity: $1M	Activity in 4407 CA: Public Assistance: ($13M) decrease due to updated project costs for state forestry fire suppression project. Individual Assistance: $24M increase primarily due to construction contract estimates for two new mobile home group sites, additional pad leases, travel trailers, and housing unit improvements. Operations: $3M increase primarily due to enhanced cost share authorized for mission assignments. Administration: $4M net increase primarily due additional facilities costs and mission assignments for United State Army Corp of Engineers.
Yutu	-	610	575	610	35	Activity in 4404 CNMI: $557M increase for initial FY 2019 obligations/estimates across all program areas. Public Assistance: $41M increase for mitigation associated with power restoration project and enhanced cost share authorized. Individual Assistance: $54M increase for disaster unemployment, immediate needs assistance, additional payments for direct housing assistance, approval of permanent housing construction program and temporary sheltering program. Operations: ($51M) decrease for reduced mission assignment costs. Administration: $9M net increase primarily due to permanent housing construction management costs, facilities, and reconciled mission assignments.	Activity in 4404 CNMI: Public Assistance: $12M increase primarily due to enhanced cost share authorized. Individual Assistance: $19M net increase due to new legislation authorized additional payments for disaster housing assistance, approval of permanent housing construction (PHC) program, and temporary sheltering program. Operations: ($4M) decrease due reconciled mission assignment costs. Administration: $8M net increase primarily due additional PHC program management costs and facilities, as well as, reconciled mission assignment costs.
DR Subtotal	**16,160**	**19,575**	**19,930**	**3,415**	**(355)**		
Total	**$ 16,704**	**$ 20,127**	**$ 20,482**	**$ 3,423**	**$ (355)**		

*Based on FY 2019 spend plan baselines.