

Disaster Relief Fund: Monthly Report

as of January 1, 2019

February 12, 2019 Fiscal Year 2019 Report to Congress

> Homeland Security



Federal Emergency Management Agency

Foreword from the Administrator

February 12, 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 Continuing Appropriations Act (P.L. 115-245), the Further Additional Supplemental Appropriations for Disaster Relief Requirements Act, 2018 (P.L. 115-123), and the Additional Supplemental Appropriations for Disaster Relief Requirements Act, 2017 (P.L. 115-72).



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,

Brock Long Administrator Federal Emergency Management Agency



Disaster Relief Fund: Monthly Report as of January 1, 2019

Table of Contents

| I. | Legislative Language | 1 |
|--------|--|----|
| II. | Background | .3 |
| Appen | dix A: Appropriations Summary | .4 |
| Append | dix B: DRF Funding Activity | 5 |
| Append | dix C: Sandy, Harvey, Irma, and Maria Obligations by Spending Category | 12 |
| Appen | dix D: Allocations, Obligations, & Expenditures. | 13 |
| Appen | dix E: Fund Exhaustion Date | 20 |
| Appen | dix F: DRF Cost Estimation Bridge Table | 21 |

I. Legislative Language

This document has been compiled pursuant to language set forth in the Fiscal Year (FY) 2019 Continuing Appropriations Act (P.L. 115-245), the Further Additional Supplemental Appropriations for Disaster Relief Requirements Act, 2018 (P.L. 115-123), and the Additional Supplemental Appropriations for Disaster Relief Requirements Act, 2017 (P.L. 115-72).

P.L. 115-245 states:

The following sums are hereby appropriated, out of any money in the Treasury not otherwise appropriated, and out of applicable corporate or other revenues, receipts, and funds, for the several departments, agencies, corporations, and other organizational units of Government for fiscal year 2019, and for other purposes, namely:

SEC. 101. Such amounts as may be necessary, at a rate for operations as provided in the applicable appropriations Acts for fiscal year 2018 and under the authority and conditions provided in such Acts, for continuing projects or activities (including the costs of direct loans and loan guarantees) that are not otherwise specifically provided for in this Act, that were conducted in fiscal year 2018, and for which appropriations, funds, or other authority were made available in the following appropriations Acts... (5) The Department of Homeland Security Appropriations Act, 2018 (division F of Public Law 115–141)...

P.L. 115-141 (referenced above) 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 2018 with respect to budget year 2019 and current fiscal year 2018, respectively – (1) in paragraph (1) by substituting "fiscal year 2019" 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.

P.L. 115-123 states:

Provided further, That for a disaster declaration related to Hurricanes Harvey, Irma, or Maria, the Administrator shall submit to the Committees on Appropriations of the House of Representatives and the Senate, not later than 5 days after the first day of each month beginning after the date of enactment of this subdivision, and shall publish on the Agency's website, not later than 10 days after the first day of each such month, an estimate or actual amount, if available, for the current fiscal year of the cost of the following categories of spending: public assistance, individual assistance, operations, mitigation, administrative, and any other relevant category (including emergency measures and disaster resources): *Provided further*, That not later than 10 days after the first day of each month, the Administrator shall publish on the Agency's website the report (referred to as the Disaster Relief Monthly Report) as required by Public Law 114–4...

P.L. 115-72 states:

Provided further, That for a disaster declaration related to Hurricane Harvey, Hurricane Irma, or Hurricane Maria, the Administrator shall submit to the Committees on Appropriations of the House of Representatives and the Senate, not later than 5 days after the first day of each month beginning after the date of enactment of this Act, and shall publish on the Agency's website, not later than 10 days after the first day of each such month, an estimate or actual amount, if available, for the current fiscal year of the cost of the following categories of spending: public assistance, individual assistance, operations, mitigation, administrative, and any other relevant category (including emergency measures and disaster resources): *Provided further*, That not later than 10 days after the first day of each month, the Administrator shall publish on the Agency's website the report (referred to as the Disaster Relief Monthly Report) as required by Public Law 114–4.

This report covers activities as of January 1, 2019.

II. Background

P.L. 115-72 requires that the Federal Emergency Management Agency (FEMA) Administrator submit to the Appropriations Committees a report for Hurricanes Harvey, Irma, and Maria, not later than 5 days after the first day of the month beginning in the month after enactment, and to publish on the Web site the estimate or, if available, actual amount, of categories of spending for public assistance, individual assistance, operations, mitigation, administrative, and any other relevant category (including emergency measures and disaster resources) not later than 10 days after the first day of each such month.

P.L. 115-141 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 the 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.

| Disaster Relief Fund Congressi As of January 1 (Dollars in Mill | , 2019 | ly Repor | t | | | |
|---|--------|----------|----|-------------------|-----------|--|
| | B | lase | | Iajor arations | Total | |
| Carryover From FY 2018 | \$ | 785 | \$ | 27,500 | \$ 28,285 | |
| FY 2019 Appropriation/CR ⁽¹⁾ | | - | | - | - | |
| FY 2019 Recoveries | | 72 | | 516 | 588 | |
| Total Budget Authority | | 857 | | 28,016 | 28,873 | |
| Actual Transfers to DADLP ⁽²⁾ | | - | | - | - | |
| Anticipated Transfers to DADLP ⁽²⁾ | | - | | (4,230) | (4,230) | |
| Revised Budget Authority | | 857 | | 23,786 | 24,643 | |
| Obligations ⁽³⁾ | | (161) | | (4,801) | (4,962) | |
| Balance ⁽⁴⁾ | | 696 | | 18,985 | 19,681 | |
| Projections for the Remainder of FY 2019 | | | | | | |
| Projected FY 2019 Additional Obligations | | | | | | |
| Based on Existing Spend Plans | | | | | | |
| Non-Catastrophic Disasters | | - | | (1,398) | (1,398) | |
| Catastrophic Disasters | | - | | (13,148) | (13,148) | |
| DRS and Other | | (233) | | - | (233) | |
| Subtotal Existing Spend Plans | | (233) | | (14,546) | (14,779) | |
| Based on 10-year Average | | | | | | |
| Non-Catastrophic Disasters | | - | | (436) | (436) | |
| EM, FMAG, and SU | | (150) | | - | (150) | |
| Subtotal 10-year Average | | (150) | | (436) | (586) | |
| Total Projected FY 2019 Additional Obligations | | (383) | | (14,982) | (15,365) | |
| Projected Additional Recoveries | _ | 228 | | 134 | 362 | |
| Balance | \$ | 541 | \$ | 4,137 | \$ 4,678 | |

Notes:

(1) Due to the lapse of appropriations, there was no funding available as of January 1, 2019. \$7.9 billion was made available through December 21, 2018.

(2) Pursuant to P.L. 115-72, Additional Supplemental Appropriations for Disaster Relief Requirements Act, 2017.
(3) As of January 1, 2019, unobligated commitments totaled \$118 million and uncommitted/unobligated allocations totaled \$235 million.

(4) Due to the timing and lapse of appropriations, some financial reports were unavailable. As a result, this report includes activity through January 1, 2019, instead of through December 31, 2018.

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

Disaster Relief Fund Monthly Obligations FY 2019 DRF Monthly Spend Plan (FY 2019) (\$ in millions) As of January 1, 2019

| Beginning of Month DRF Balance FY 2019 Appropriation/CR ⁽¹⁾ Anticipated Transfers to DADLP ⁽²⁾ Total Available Beginning of Month | <u>Oct-18</u> \$ 28,300 (4,230) 24,070 | | \$\frac{\mathbf{Dec-18}}{20,706}\$ | \$ 19,681 | \$\frac{\rrac{\rr}{}}} \rac{\rrac{\rac{\rrac{\rac{\r}}}}} \rac{\rrac{\rrac{\rrac{\rr}{\rrac{\rrac{\rrac{\rac{\rac{\rac{\ | \$\frac{Mar-19}{15,379} | <u>Apr-19</u> \$ 13,130 | <u>May-19</u> \$ 11,184 11,184 | \$ <u>Jun-19</u> \$ 9,645 9,645 | \$ <u>Jul-19</u> \$ 8,208 8,208 | \$ <u>Aug-19</u> \$ 7,350 7,350 | \$ <u>Sep-19</u> \$ 6,220 | \$ <u>Total</u> \$ <u>4,678</u> 4,678 |
|--|---|---------------|------------------------------------|---------------|--|-------------------------|----------------------------|--------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|------------------------------|---|
| Major Declarations Base | 23,273 797 | 21,669 729 | 19,992 714 | 18,985 696 | 17,772 680 | 14,717 662 | 12,500 630 | 10,555 629 | 9,023 622 | 7,581 627 | 6,749 601 | 5,643 577 | 4,137 541 |
| DRF Base Activities | | | | | | | | | | | | | |
| Emergencies Monthly Actual/Estimated Obligations | (41) | (2) | (1) | - | (3) | (2) | - | (2) | (1) | (6) | (10) | (19) | (87) |
| Fire Management Monthly Actual/Estimated Obligations | (16) | (4) | (15) | (9) | (24) | (16) | (8) | (3) | (1) | (7) | (1) | (4) | (108) |
| Surge Monthly Actual/Estimated Obligations | (10) | (10) | 4 | - | - | - | - | - | - | - | (14) | (20) | (50) |
| Disaster Support & Other Activities DRS Monthly Actual/Estimated Obligations Other Monthly Actual/Estimated Obligations | (17) (4) | (14) (4) | | (31) (2) | (14) (3) | (35) (5) | (16) (2) | (15) (12) | (15) (3) | | (15) (9) | (29) 11 | (256) (43) |
| Monthly Actual/Estimated Obligations | (21) | (18) | | (33) | (17) | (40) | (18) | (27) | (18) | | (24) | (18) | (299) |
| Actual/Estimated Base Obligations | (88) | (34) | (39) | (42) | (44) | (58) | (26) | (32) | (20) | (51) | (49) | (61) | (544) |
| DRF DR Activities | | | | | | | | | | | | | |
| Average Monthly Major DR Activity (Non-Cat.) Monthly Actual/Estimated Obligations | (87) | (113) | (192) | (196) | (280) | (227) | (212) | (355) | (175) | (136) | (115) | (138) | (2,226) |
| Gustav | | | | | | | | | | | | | |
| Initial FY 2019 Spend Plan Estimates Monthly Actual/Estimated Obligations | - | (3) (1) | | (1) | (3) (5) | (2) (2) | (3) (4) | (4) (4) | (4) (5) | | (1) (1) | (2) (1) | (27) (27) |
| Ike Initial FY 2019 Spend Plan Estimates | (2) | (2) | | (3) | - | - | (2) | - | (2) | | - | - | (12) |
| Monthly Actual/Estimated Obligations | (2) | (1) | - | (4) | (1) | (2) | (1) | - | (1) | - | - | - | (12) |
| Katrina Rita Wilma Initial FY 2019 Spend Plan Estimates Monthly Actual/Estimated Obligations | (19) (2) | (22) (25) | (6) (15) | (6) (6) | (6) (8) | (9) (31) | (24) (26) | (4) (5) | (17) (18) | (15) (4) | (30) (24) | (33) (29) | (191) (193) |
| Midwest Floods Initial FY 2019 Spend Plan Estimates | | - | - | - | - | - | - | - | - | - | - | - | - |
| Initial F 1 2019 Spend F lan Estimates | - | | | | | | | | | | | | |
| Monthly Actual/Estimated Obligations | - | - | - | - | - | - | - | - | - | - | - | - | - |
| • | | - (2) | - | (3) | - (1) | - (2) (2) | - (2) | - (1) | - | - | - (1) | | (6) (8) |
| Monthly Actual/Estimated Obligations TN Floods Initial FY 2019 Spend Plan Estimates | - | | - | (3) | | | | | - | - | | - | |

Disaster Relief Fund Monthly Obligations FY 2019 DRF Monthly Spend Plan (FY 2019) (\$ in millions) As of January 1, 2019

| | <u>Oct-18</u> | <u>Nov-18</u> | <u>Dec-18</u> | Jan-19 | Feb-19 | <u>Mar-19</u> | <u>Apr-19</u> | <u>May-19</u> | Jun-19 | <u>Jul-19</u> | <u>Aug-19</u> | Sep-19 | Total |
|--|---------------|---------------|---------------|--------|----------|---------------|---------------|---------------|--------|---------------|---------------|------------|---------|
| 2011 Spring Floods | | | | | | | | | | | | | |
| Initial FY 2019 Spend Plan Estimates | - | - | - | - | - | (4) | - | - | - | - | - | (2) | (6) |
| Monthly Actual/Estimated Obligations | - | - | - | - | - | (4) | - | - | - | - | - | - | (4) |
| Irene | | | | | | | | | | | | | |
| Initial FY 2019 Spend Plan Estimates | - | (2) | (2) | (6) | (2) | (1) | (4) | (5) | (3) | (1) | - | (2) | (28) |
| Monthly Actual/Estimated Obligations | (2) | - | (3) | - | (2) | (1) | (9) | (5) | (2) | (1) | - | (3) | (28) |
| | | | | | | | | | | | | | |
| | | | | (1) | | (1) | | | | | | | (0) |
| Initial FY 2019 Spend Plan Estimates Monthly Actual/Estimated Obligations | - (1) | - | (2) | (1) | - | (1) | (2) | (3) | - | - | - | (2) (2) | (9) |
| Monthly Actual/Estimated Obligations | (1) | - | (2) | - | - | (1) | (2) | (3) | - | - | - | (2) | (11) |
| Isaac | | | | | | | | | | | | | |
| Initial FY 2019 Spend Plan Estimates | - | - | - | (1) | (1) | (1) | (2) | - | - | - | (3) | (1) | (9) |
| Monthly Actual/Estimated Obligations | - | - | - | - | (1) | (1) | (2) | (1) | - | - | (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) | (34) | (108) | (159) | (33) | (98) | (130) | (24) | (35) | (196) | (897) |
| | | | | | | , í | | | , í | | | | |
| 2013 Colorado Flood | | (1) | (4) | | (7) | (10) | | | | | | (0) | (2.2) |
| Initial FY 2019 Spend Plan Estimates Monthly Actual/Estimated Obligations | - | (4) | (1) | (3) | (7) (12) | (10) (12) | - | - | (2) | - | - | (6) | (33) |
| Monthly Actual/Estimated Obligations | - | (1) | (1) | - | (12) | (12) | - | - | (2) | - | - | (5) | (55) |
| 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) | (4) | (31) | (21) | (8) | (6) | (2) | (2) | (3) | (6) | (126) |
| 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) | - | (6) | (28) | (8) | (24) | (30) | (16) | (2) | (16) | (160) |
| Пеле | | | | | | | | | | | | | |
| 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) | (221) | (119) | (105) | (161) | (112) | (03) | (199) | (169) | (131) | (80) | (132) | (1,510) |
| Monany Produce Sonnarou Songarons | (2.) | ())) | (105) | (, 0) | (101) | (101) | ()=) | (1))) | (10)) | (75) | (01) | (11) | (1,510) |
| 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) | (48) | (90) | (91) | (92) | (96) | (93) | (90) | (94) | (92) | (913) |
| 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) | (679) | (2,136) | (1,078) | (1,379) | (728) | (417) | (348) | (635) | (493) | (9,477) |
| 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) | (1) | (3) | (2) | (72) | (30) | (31) | (3) | (3) | (20) | | (1) | (102) |
| monary reviau Estimated Congations | (14) | (15) | (2) | (2) | (12) | (23) | (2) | | (3) | (20) | | | (157) |

Disaster Relief Fund Monthly Obligations FY 2019 DRF Monthly Spend Plan (FY 2019) (\$ in millions) As of January 1, 2019

| | Oct-18 | <u>Nov-18</u> | 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) | (92) | (35) | (33) | (31) | (38) | (19) | (47) | (19) | (21) | (31) | (57) | (593) |
| Michael | | | | | | | | | | | | | |
| Initial FY 2019 Spend Plan Estimates | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Monthly Actual/Estimated Obligations | (655) | (130) | (91) | (43) | (34) | (23) | (41) | 34 | (63) | (77) | (90) | (127) | (1,340) |
| CA Wildfires 2018 | | | | | | | | | | | | | |
| Initial FY 2019 Spend Plan Estimates | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Monthly Actual/Estimated Obligations | - | (444) | (95) | (7) | (83) | (307) | (4) | (5) | (309) | (3) | (3) | (239) | (1,499) |
| Yutu | | | | | | | | | | | | | |
| Initial FY 2019 Spend Plan Estimates | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Monthly Actual/Estimated Obligations | (126) | (154) | (95) | (101) | (9) | (20) | (22) | (3) | (19) | (3) | (3) | (2) | (557) |
| Actual/Estimated Major Declaration Obligations | | | | | | | | | | | | | |
| Total DR Actual/Estimated Obligations | (1,778) | (1,833) | (1,190) | (1,227) | (3,070) | (2,232) | (1,960) | (1,547) | (1,457) | (847) | (1,121) | (1,521) | (19,783) |
| FY 2019 Actual/Estimated Recoveries | | | | | | | | | | | | | |
| Monthly Recovery Estimates | 209 | 175 | 204 | 40 | 41 | 41 | 40 | 40 | 40 | 40 | 40 | 40 | 950 |
| Major Declaration Actuals/Estimates | 177 | 156 | 183 | 14 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 650 |
| Base Actuals/Estimates | 32 | 19 | 21 | 26 | 26 | 26 | 25 | 25 | 25 | 25 | 25 | 25 | 300 |
| DRF Available at End of Month (Including Recoveries) | \$ 22,413 | \$ 20,706 | \$ 19,681 | \$ 18,452 | \$ 15,379 | \$ 13,130 | \$ 11,184 | \$ 9,645 | \$ 8,208 | \$ 7,350 | \$ 6,220 \$ | \$ 4,678 | |

NOTES:

(1) Due to the lapse in appropriations there was no funding available as of January 1, 2019. \$7.9B was made available through December 21, 2018.

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

| | Cumulative Obligations | | | | | | | | | | | | | |
|--------------------|-----------------------------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------|
| | Thru FY 2018 ⁽¹⁾ | October | November | December | January | February | March | April | May | June | July | August | September | FY 2019 Total |
| Event/DR | | Actual | Actual | Actual | Estimated | |
| Gustav | | | | | | | | | | | | | | |
| 1786-LA | \$ (1,670) \$ | \$ - | \$ (1) \$ | \$ (1) | \$ - | \$ (5) \$ | (2) | \$ (4) | \$ (4) \$ | \$ (5) | \$ (3) | \$ (1) | \$ (1) \$ | (27) |
| 1789-AL | (10) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1793-AR | (6) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1794-MS | (40) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1806-FL | (6) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | (1,732) | - | (1) | (1) | - | (5) | (2) | (4) | (4) | (5) | (3) | (1) | (1) | (27) |
| Ike | | | | | | | | | | | | | | |
| 1791-TX | (4,407) | (2) | (1) | - | - | - | (2) | (1) | - | (1) | - | - | - | (7) |
| 1792-LA | (371) | - | - | - | (4) | (1) | - | - | - | - | - | - | - | (5) |
| 1797-AL | (8) | - | - | | - | - | - | - | - | - | - | - | - | - |
| 1802-KY | (24) | - | - | | - | - | - | - | - | - | - | - | - | - |
| 1804-AR | (21) | _ | _ | | | | - | - | - | | - | - | - | _ |
| 1805-OH | (56) | _ | | | | _ | | | | _ | | | | |
| 1005 011 | (4,869) | (2) | (1) | - | (4) | (1) | (2) | (1) | - | (1) | - | - | - | (12) |
| Katrina Rita Wilma | | | | | | | | | | | | | | |
| 1602-FL | (234) | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1603-LA | (32,656) | (2) | (25) | (13) | (6) | (7) | (30) | (15) | (5) | (18) | (3) | (24) | (29) | (177) |
| 1604-MS | (10,102) | (2) | (25) | (15) | (0) | (1) | (1) | (15) | (5) | (10) | (3) | (24) | (2)) | (177) (2) |
| 1605-AL | (1,041) | - | _ | - | - | - | - | - | - | - | - | - | - | |
| 1606-TX | (1,877) | _ | | | - | - | | - | _ | - | | | | - |
| 1607-LA | (1,911) | - | - | (1) | - | - | - | (11) | - | - | - | - | - | (12) |
| 1609-FL | (2,566) | - | - | (1) | - | - | - | - | - | - | (1) | - | - | (2) |
| | (50,387) | (2) | (25) | (15) | (6) | (8) | (31) | (26) | (5) | (18) | (4) | (24) | (29) | (193) |
| Midwest Floods | | | | | | | | | | | | | | |
| 1760-MO | (3) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1763-IA | (1,872) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1765-NE | (2) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1766-IN | (213) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1768-WI | (156) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1770-NE | (48) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1771-IL | (93) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1772-MN | (9) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1773-MO | (55) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1774-SD | (8) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1775-OK | (11) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1776-KS | (64) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1777-MI | (18) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | (2,552) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| TN Floods | | | | | | | | | | | | | | |
| 1909-TN | (548) | - | (2) | - | - | - | (2) | (2) | (1) | - | - | (1) | - | (8) |
| | (548) | - | (2) | - | - | - | (2) | (2) | (1) | - | - | (1) | - | (8) |
| | (0.3) | | (-) | | | | (-) | (-) | (-) | | | (1) | | (0) |

| | Cumulative | | | | | | | | | | | | | |
|--------------------|-----------------------------|---------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------|
| | Obligations | | | | | | | | | | | | | |
| | Thru FY 2018 ⁽¹⁾ | October | November | December | January | February | March | April | May | June | July | August | September | FY 2019 Total |
| Event/DR | | Actual | Actual | Actual | Estimated | |
| 2011 Spring Tornad | 065 | | | | | | | | | | | | | |
| 1971-AL | (705) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1972-MS | (67) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1973-GA | (44) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1974-TN | (92) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1975-AR 1976-KY | (104) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1976-KY 1980-MO | (60) (512) | - | - | - | - | - | - | (2) | (1) | - | - | - | - | (3) |
| 1980-140 | (1,584) | - | _ | - | - | - | - | (2) | (1) | - | - | - | - | (3) |
| | (1,304) | - | - | - | - | - | - | (2) | (1) | - | - | - | - | (3) |
| 2011 Spring Floods | | | | | | | | | | | | | | |
| 1981-ND | (639) | - | - | - | - | - | (4) | - | - | - | - | - | - | (4) |
| 1982-MN | (27) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1983-MS | (36) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1984-SD | (83) | - | - | | - | - | - | - | - | - | - | - | - | - |
| | (785) | - | - | - | - | - | (4) | - | - | - | - | - | - | (4) |
| | | | | | | | | | | | | | | |
| Irene | (100) | | | | | | | | | | | | | |
| 4017-PR 4019-NC | (139) (194) | - | - | (2) | - | - | - | - | - | - | - | - | - | (2) |
| 4019-NC 4020-NY | (194) | | | - (1) | | (1) | (1) | (5) | (5) | (2) | | | | (15) |
| 4021-NJ | (396) | - | - | (1) | - | (1) | (1) | (2) | (5) | (2) | (1) | - | (1) | (15) |
| 4022-VT | (326) | - | - | - | - | - | - | (2) | - | - | - | - | (2) | (5) (4) |
| 4023-CT | (75) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4024-VA | (73) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4025-PA | (99) | - | - | | - | - | - | - | - | - | - | - | - | - |
| 4026-NH 4027-RI | (27) (11) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4027-KI 4028-MA | (11) | (2) | | | - | - | - | - | - | - | - | - | - | (2) |
| 4032-ME | (31) | (2) | | | - | - | - | - | - | - | - | - | - | (2) |
| 4034-MD | (25) | - | - | | - | - | - | - | - | - | - | - | - | - |
| 4036-DC | (3) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4037-DE | (3) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | (2,324) | (2) | - | (3) | - | (2) | (1) | (9) | (5) | (2) | (1) | - | (3) | (28) |
| | | | | | | | | | | | | | | |
| Lee | (27.0) | | | | | | | | | | | | | |
| 4030-PA | (374) | - | - | (2) | - | - | - | - | - | - | - | - | - | (2) |
| 4031-NY | (452) | (1) | - | - | - | - | (1) | (2) | (3) | - | - | - | (2) | (9) |
| 4038-MD 4039-NJ | (15) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | (6) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4041-LA | (7) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4045-VA | (7) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | (861) | (1) | - | (2) | - | - | (1) | (2) | (3) | - | - | - | (2) | (11) |

| | Cumulative Obligations | | | | | | | | | | | | | |
|---------------------------|-----------------------------|-------------------|--------------------|--------------------|----------------------|-----------------------|--------------------|--------------------|------------------|-------------------|-------------------|---------------------|------------------------|---------------|
| Event/DR | Thru FY 2018 ⁽¹⁾ | October Actual | November Actual | December Actual | January Estimated | February Estimated | March Estimated | April Estimated | May Estimated | June Estimated | July Estimated | August Estimated | September Estimated | FY 2019 Total |
| Event/DR | | Actual | Actual | Actual | Estimated | Estimateu | Estimated | Estimateu | Estimated | Estimateu | Estimated | Estimateu | Estimateu | |
| Isaac | | | | | | | | | | | | | | |
| 4080-LA | (703) | - | - | | - | (1) | - | (2) | - | - | - | (3) | - | (6) |
| 4081-MS | (90) | - | - | - | - | - | - | - | - | - | - | - | (1) | (1) |
| 4082-AL | (10) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4084-FL | (33) | - | - | - | - | - | (1) | - | (1) | - | - | - | - | (2) |
| | (836) | - | - | - | - | (1) | (1) | (2) | (1) | - | - | (3) | (1) | (9) |
| Sandy | | | | | | | | | | | | | | |
| 4085-NY | (17,274) | (46) | (17) | (9) | (30) | (98) | (157) | (27) | (94) | (88) | (12) | (22) | (193) | (793) |
| 4086-NJ | (3,310) | (3) | (3) | (2) | (4) | (10) | (2) | (6) | (4) | (42) | (12) | (13) | (2) | (103) |
| 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) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | (20,885) | (49) | (20) | (11) | (34) | (108) | (159) | (33) | (98) | (130) | (24) | (35) | (196) | (897) |
| 2013 Colorado Floo | d | | | | | | | | | | | | | |
| 4145-CO | (629) | - | (1) | (1) | - | (12) | (12) | - | - | (2) | - | - | (5) | (33) |
| | (629) | - | (1) | (1) | - | (12) | (12) | - | - | (2) | - | - | (5) | (33) |
| | | | | | | | | | | | | | | |
| LA Floods 4277 4277-LA | (2,491) | (10) | (13) | (11) | (4) | (31) | (21) | (9) | (6) | (2) | (2) | (2) | (6) | (126) |
| 42//-LA | (2,491) | (19) (19) | (13) | (11) | (4) (4) | (31) | (21) (21) | (8) (8) | (6) (6) | (2) (2) | (2) (2) | (3) (3) | (6) (6) | (126) |
| | (-,.,-) | () | () | () | (-) | () | () | | | (-) | (-) | (-) | (-) | () |
| Matthew | _ | | | | | | | | | | | | | |
| 4283-FL | (420) | - | (8) | (6) | - | (1) | (11) | (3) | (17) | (26) | (16) | (1) | (5) | (94) |
| 4284-GA | (136) | - | (1) | - | - | (3) | - | (1) | (6) | (2) | - | - | - | (13) |
| 4285-NC | (662) | (3) | (4) | (2) | - | (2) | (12) | (1) | (1) | - | - | (1) | - | (26) |
| 4286-SC | (376) | (1) | - | (3) | - | - | (5) | (3) | - | (2) | - | - | (9) | (23) |
| 4291-VA | (37) | - | (2) | - | - | - | - | - | - | - | - | - | (2) | (4) |
| | (1,631) | (4) | (15) | (11) | - | (6) | (28) | (8) | (24) | (30) | (16) | (2) | (16) | (160) |

| The Fixe bit Note Outload Avenue Becaule Fature Name Name Fature Name Apple Name | | Cumulative | | | | | | | | | | | | | |
|--|-------------------|----------------|------------|------------|----------|------------|------------|------------|------------|------------|------------|----------|------------|------------|----------------|
| Nerror Ariant Ariant Ariant Entime Entima Entima Entima< | | Obligations | Ortoban | Namakan | December | 1 | E-h | Manah | A | Mari | I | Terler | A | Santan han | EV 2010 T-4-1 |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | Event/DR | 1 nru F ¥ 2018 | | | | • | • | | • | • | | • | 0 | • | F Y 2019 Total |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | П | | | | | | | | | | | | | | |
| at 45 (A) (10) (1) | • | (5.834) | (93) | (93) | (183) | (70) | (161) | (161) | (92) | (199) | (169) | (93) | (81) | (113) | (1,508) |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | | | | | - | - | - | - | - | - | - | - | | (1,500) (2) |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | | | | (93) | (183) | (70) | (161) | (161) | (92) | (199) | (169) | (93) | (81) | | (1,510) |
| 433-FR (7) (4) (2) (1) - (1) - (1) - (1) - (1) - (1) - (1) - (1) - (1) - (1) - (1) - (1) (| Irma | | | | | | | | | | | | | | |
| 433-F4L (1,61) (22) (44) (39) (47) (78) (80) (80) (80) (80) (73) (73) (75) (61) (77) 433-F4L (7) (7) (7) (7) (7) (7) (10) | | | | | (2) | (1) | | (5) | | (7) | (12) | (13) | (18) | (21) | (94) |
| 433-6A (19) (1) < | | | | | | | | | | | | | | | (9) |
| | | | | | (39) | (47) | | | | | | | | | (772) |
| 434-52 (29) (2) (2) (2) (4) (4) (2) (9) (1) (1) (1) < | | | | | - | - | | | | | | | | (10) | (20) (1) |
| (3.20) (30) (55) (42) (48) (90) (91) (92) (95) (93) (94) (92) (92) Maria | | | | | | | | | | | | - | | | (1) (17) |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | 1510 50 | | | | | | | | | | | (90) | (94) | (92) | (913) |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | Maria | | | | | | | | | | | | | | |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | 4339-PR | | | (520) | | | | | | | (401) | | | (277) | (8,042) |
| CA Widdfres 2017 Case of the formation of the | 4340-VI | | | (141) | | | | | . , | | | | | | (1,435) |
| 4344 CA (1.463) (1.4) (1.3) (2) (2) (72) (23) (2) - (3) (26) - - (1.55) Image: Constraint of the stress o | | (15,464) | (523) | (661) | (400) | (679) | (2,136) | (1,078) | (1,379) | (728) | (417) | (348) | (635) | (493) | (9,477) |
| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | | | | | | | | | | | | | | |
| Horence 4393-NC (485) (133) (77) (31) (25) (28) (20) (11) (39) (16) (14) (28) (24) (444) 4393-NC (183) (17) (31) (25) (28) (20) (11) (39) (16) (14) (28) (24) (44) 4394-SC (181) (37) (14) (3) (7) (2) (17) (6) (5) (11) (4) (12) (23) (23) (21) < | 4344-CA | | | | (2) | (2) | (72) | (23) | (2) | - | (3) | | - | - | (157) |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | | (1,463) | (14) | (13) | (2) | (2) | (72) | (23) | (2) | - | (3) | (26) | - | - | (157) |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | _ | | | | | | | | | | | | | |
| 4401-VA - (1) (1) (1) (1) (1) (1) (2) (3) (2) (3) (2) (8) (2) Michael - (666) (170) (92) (35) (33) (31) (38) (19) (47) (19) (21) (31) (57) (58) Michael - - (556) (94) (42) (20) (21) (22) (38) 37 (59) (69) (8) (9) (22) (40) (40) (40) (40) (40) (40) (40) (40) (40) (41) (1) (1) (1) (1) (3) (4) (8) (9) (22) (40) (41) (4 | | | | | | | | | | | | | | | (446) |
| (666) (170) (92) (35) (33) (31) (38) (19) (47) (19) (21) (31) (57) (59) Michael - (556) (94) (42) (20) (21) (22) (38) 37 (59) (69) (82) (118) (1,08) 4400-GA - (99) (35) (48) (23) (13) (1) (3) (3) (4) (8) (8) (9) (22) 4400-GA - (99) (35) (48) (23) (13) (1) (3) (3) (4) | | (181) | | | | | (2) | | | | | | | | (122) |
| Michael 4399-FL - (556) (94) (42) (20) (21) (22) (38) 37 (59) (69) (82) (118) (1,08) 4400-GA - (99) (35) (48) (23) (13) (1) (3) (3) (4) (8) (8) (9) (25) 4406-AL - - (1) (1) - - - - - - (1) (1) (1) (3) (3) (4) (8) (8) (9) (25) 4406-AL - - (1) (1) - - - - - - - (1) (1) (1) (1) (2) (1) < | 4401-VA | (666) | | | | | (1) | | | (3) | | | | | (25) (593) |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | Michael | | | | | | | | | | | | | | |
| 4400-GA - (99) (35) (48) (23) (13) (1) (3) (3) (4) (8) (8) (9) (25) 4406-AL - - (1) (1) - | | | (556) | (94) | (42) | (20) | (21) | (22) | (38) | 37 | (59) | (69) | (82) | (118) | (1,084) |
| 4406-AL - (1) <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>(254)</td></td<> | | | | | | | | | | | | | | | (254) |
| - (655) (130) (91) (43) (34) (23) (41) 34 (63) (77) (90) (127) (1,34) CA Wildfires 2018 - - (444) (95) (7) (83) (307) (4) (5) (309) (3) (3) (239) (1,49) 4407-CA - - (444) (95) (7) (83) (307) (4) (5) (309) (3) (3) (239) (1,49) 440-NMI - - (126) (154) (95) (101) (9) (20) (22) (3) (19) (3) (3) (2) (55) - (126) (154) (95) (101) (9) (20) (22) (3) (19) (3) (3) (2) (55) - (126) (154) (95) (101) (9) (20) (22) (3) (19) (3) (3) (2) (55) - - (126) (154) (95) (101) (9) (20) | 4406-AL | - | | | | | - | | - | - | | - | - | - | (2) |
| 4407-CA - (444) (95) (7) (83) (307) (4) (5) (309) (3) (3) (239) (1,49) - - (444) (95) (7) (83) (307) (4) (5) (309) (3) (3) (239) (1,49) Yutu - (126) (154) (95) (101) (9) (20) (22) (3) (19) (3) (3) (2) (55 - (126) (154) (95) (101) (9) (20) (22) (3) (19) (3) (3) (2) (55 - (126) (154) (95) (101) (9) (20) (22) (3) (19) (3) (3) (2) (55 - (126) (154) (95) (101) (9) (20) (22) (3) (19) (3) (3) (2) (55 - (126) (154) (95) (101) (9) (20) (22) (3) (19) (3) (3) | | - | (655) | (130) | (91) | (43) | (34) | (23) | (41) | 34 | (63) | (77) | (90) | (127) | (1,340) |
| - - (444) (95) (7) (83) (307) (4) (5) (309) (3) (3) (239) (1,49) Yutu - (126) (154) (95) (101) (9) (20) (22) (3) (19) (3) (3) (2) (55) - (126) (154) (95) (101) (9) (20) (22) (3) (19) (3) (3) (2) (55) - (126) (154) (95) (101) (9) (20) (22) (3) (19) (3) (3) (2) (55) - (126) (154) (95) (101) (9) (20) (22) (3) (19) (3) (3) (2) (55) - (126) (154) (95) (101) (9) (20) (22) (3) (19) (3) (3) (2) (55) - - - - - - - - - - - - - - | CA Wildfires 2018 | | | | | | | | | | | | | | |
| Yutu - (126) (154) (95) (101) (9) (20) (22) (3) (19) (3) (3) (2) (55) - (126) (154) (95) (101) (9) (20) (22) (3) (19) (3) (3) (2) (55) - (126) (154) (95) (101) (9) (20) (22) (3) (19) (3) (3) (2) (55) | 4407-CA | | - | | (95) | (7) | (83) | | (4) | (5) | | (3) | (3) | | (1,499) |
| 4404-NMI - (126) (154) (95) (101) (9) (20) (22) (3) (19) (3) (3) (2) (55) - (126) (154) (95) (101) (9) (20) (22) (3) (19) (3) (3) (2) (55) - (126) (154) (95) (101) (9) (20) (22) (3) (19) (3) (3) (2) (55) - (126) (154) (95) (101) (9) (20) (22) (3) (19) (3) (3) (2) (55) | | - | - | (444) | (95) | (7) | (83) | (307) | (4) | (5) | (309) | (3) | (3) | (239) | (1,499) |
| | | _ | | | | | | | | | | | | | |
| | 4404-NMI | | | | | | (9) | | | (3) | | (3) | (3) | (2) | (557) |
| | | - | (126) | (154) | (95) | (101) | (9) | (20) | (22) | (3) | (19) | (3) | (3) | (2) | (557) |
| (1114) (1283) (1291) $($ | TOTAL | \$ (118,831) | \$ (1,691) | \$ (1,720) | \$ (998) | \$ (1,031) | \$ (2,790) | \$ (2,005) | \$ (1,748) | \$ (1,192) | \$ (1,282) | \$ (711) | \$ (1,006) | \$ (1,383) | \$ (15,501) |

NOTES:

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

Hurricanes Sandy, Harvey, Irma, and Maria FY 2019 Actuals/Estimates As of January 1, 2019

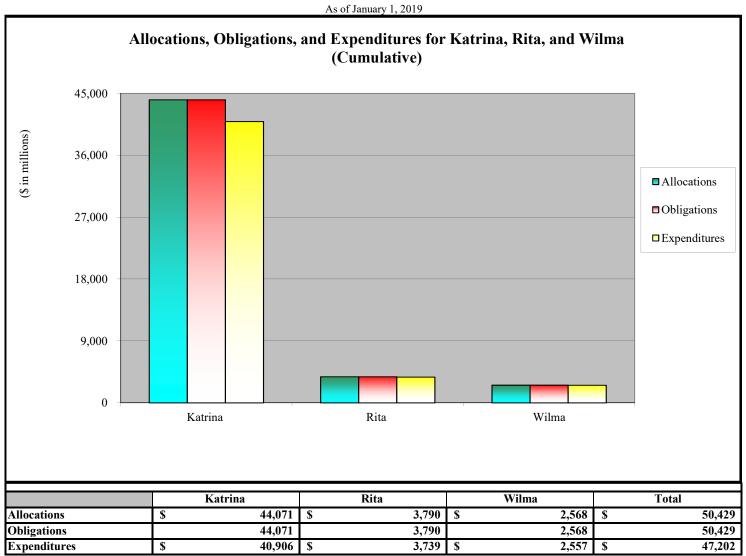
| (\$ in millions) | | | | | | | | | | | | | |
|-----------------------|---|--|------------------------|------------------------|------------------------|----------------|------------------------|--|--|--|--|--|--|
| SANDY | Cumulative Obligations Thru FY 2018 | Actual Obligations ¹⁾ 1st Qtr | Projections 2nd Qtr | Projections 3rd Qtr | Projections 4th Qtr | FY 2019 Totals | Totals Thru FY 2019 | | | | | | |
| Public Assistance | \$ 16,32 | 6 \$ 39 | \$ 218 | \$ 163 | \$ 86 | \$ 506 | \$ 16,832 | | | | | | |
| Individual Assistance | 1,60 | 4 0 | - | - | - | - | 1,604 | | | | | | |
| Mitigation | 1,13 | 6 22 | 73 | 81 | 160 | 336 | 1,472 | | | | | | |
| Operations | 31 | 9 0 | - | - | - | - | 319 | | | | | | |
| Administrative | 1,50 | 0 19 | 10 | 17 | 9 | 55 | 1,555 | | | | | | |
| Total | \$ 20,88 | 5 \$ 80 | \$ 301 | \$ 261 | \$ 255 | \$ 897 | \$ 21,782 | | | | | | |

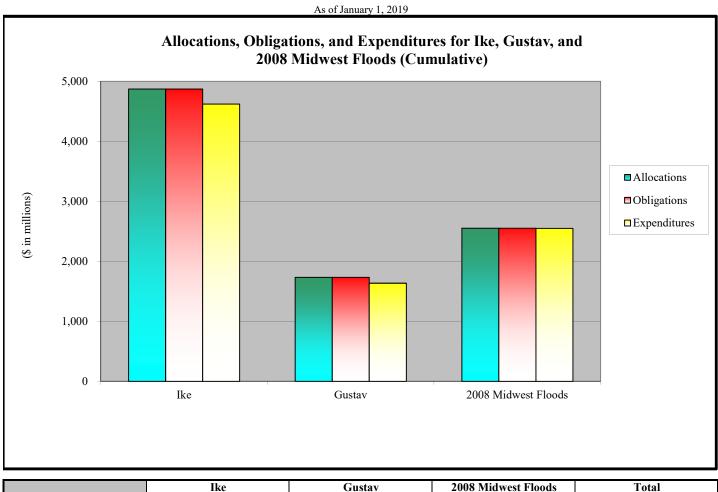
| HARVEY | Cumulative Obligations Thru FY 2018 ⁽¹⁾ | | Actual Obligations 1st Qtr | Projections 2nd Qtr | F | Projections 3rd Qtr | jections h Qtr | FY 2019 Totals | Totals Thru FY 2019 |
|-----------------------|--|-------|----------------------------------|------------------------|----|------------------------|-------------------|----------------|------------------------|
| Public Assistance | \$ | 1,021 | \$ 182 | \$ 312 | \$ | 308 | \$ 198 | \$ 1,000 | \$ 2,021 |
| Individual Assistance | | 2,825 | 27 | 15 | | 3 | 5 | 50 | 2,875 |
| Mitigation | | 179 | 15 | 5 | | 1 | 27 | 48 | 227 |
| Operations | | 235 | - | 3 | | 1 | 2 | 6 | 241 |
| Administrative | | 1,584 | 146 | 57 | | 147 | 56 | 406 | 1,990 |
| Total | \$ | 5,844 | \$ 370 | \$ 392 | \$ | 460 | \$ 288 | \$ 1,510 | \$ 7,354 |

| IRMA | Cumulative Obligations Thru FY 2018 ⁽¹⁾ | | Actual Obligations 1st Qtr | | Projections 2nd Qtr | F | Projections 3rd Qtr | P | Projections 4th Qtr | FY 201 | 9 Totals | To | otals Thru FY 2019 |
|-----------------------|--|-------|----------------------------------|---|------------------------|----|------------------------|----|------------------------|--------|----------|----|-----------------------|
| Public Assistance | \$ | 491 | \$ 60 | 9 | \$ 141 | \$ | 198 | \$ | 192 | \$ | 591 | \$ | 1,082 |
| Individual Assistance | | 1,280 | 12 | | 6 | | 17 | | - | | 35 | | 1,315 |
| Mitigation | | 10 | 11 | | 25 | | 19 | | 39 | | 94 | | 104 |
| Operations | | 377 | - | | - | | - | | - | | - | | 377 |
| Administrative | | 1,122 | 44 | | 57 | | 47 | | 45 | | 193 | | 1,315 |
| Total | \$ | 3,280 | \$ 127 | 9 | \$ 229 | \$ | 281 | \$ | 276 | \$ | 913 | \$ | 6 4,193 |

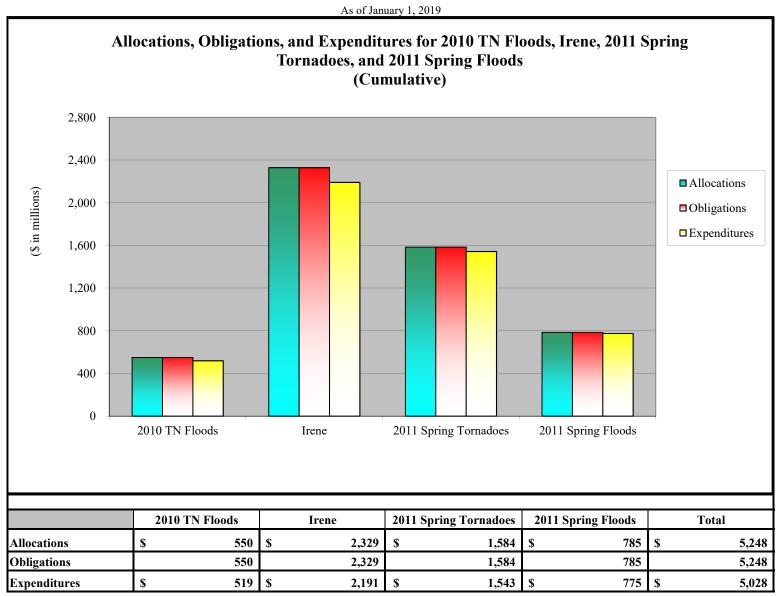
| MARIA | Cumulative Obligations Thru FY2018 ⁽¹⁾ | | Actual Obligations 1st Qtr | I | Projections 2nd Qtr | Р | rojections 3rd Qtr | Р | Projections 4th Qtr | FY 20 |)19 Totals | To | otals Thru FY 2019 |
|-----------------------|---|--------|----------------------------------|----|------------------------|----|-----------------------|----|------------------------|-------|------------|----|-----------------------|
| Public Assistance | \$ | 5,282 | \$ 1,122 | \$ | 3,613 | \$ | 2,072 | \$ | 1,143 | \$ | 7,950 | \$ | 13,232 |
| Individual Assistance | | 2,321 | 100 | | 39 | | - | | 37 | | 176 | | 2,497 |
| Mitigation | | 27 | - | | 11 | | 65 | | 151 | | 227 | | 254 |
| Operations | | 5,136 | 193 | | 41 | | - | | - | | 234 | | 5,370 |
| Administrative | | 2,698 | 169 | | 189 | | 387 | | 145 | | 890 | | 3,588 |
| Total | \$ | 15,464 | \$ 1,584 | \$ | 3,893 | \$ | 2,524 | \$ | 1,476 | \$ | 9,477 | \$ | 24,941 |

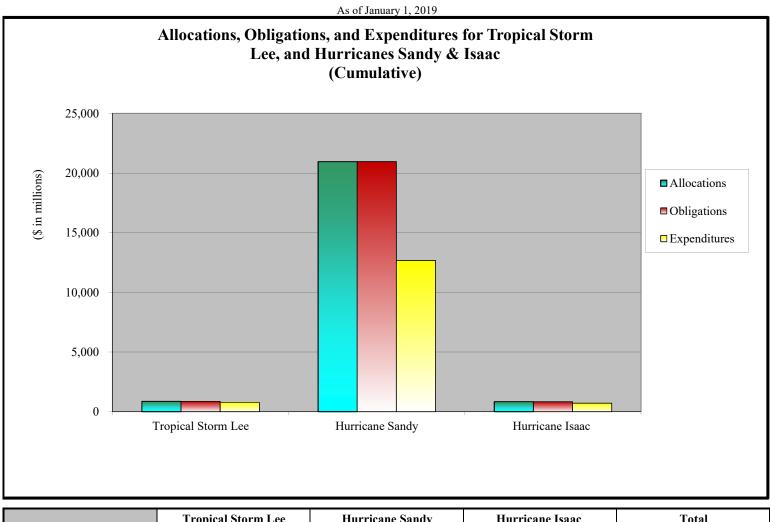
(1) Adjusted for recoveries that occur in FY 2019 against prior-year obligations.



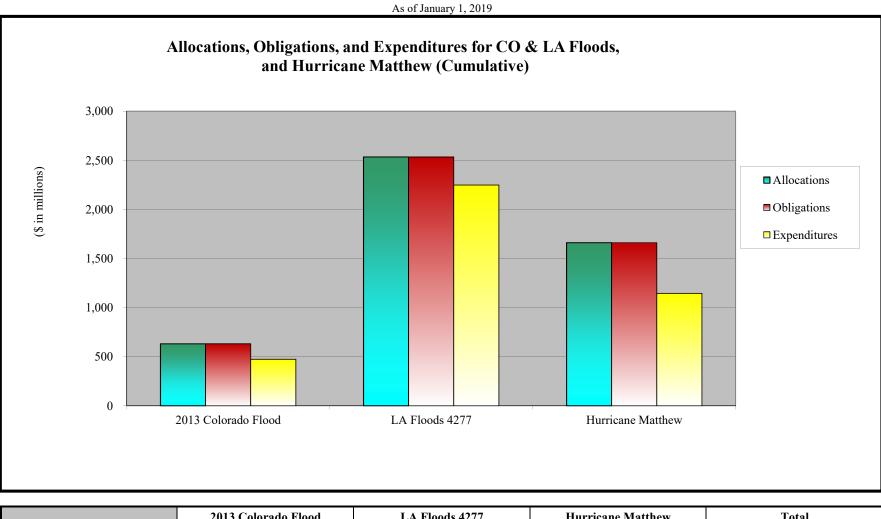


| | Ike | Gustav | 2008 Midwest Floods | Total |
|--------------|----------|----------|---------------------|----------|
| Allocations | \$ 4,873 | \$ 1,734 | \$ 2,552 | \$ 9,159 |
| Obligations | 4,872 | 1,734 | 2,552 | 9,158 |
| Expenditures | \$ 4,623 | \$ 1,636 | \$ 2,549 | \$ 8,808 |

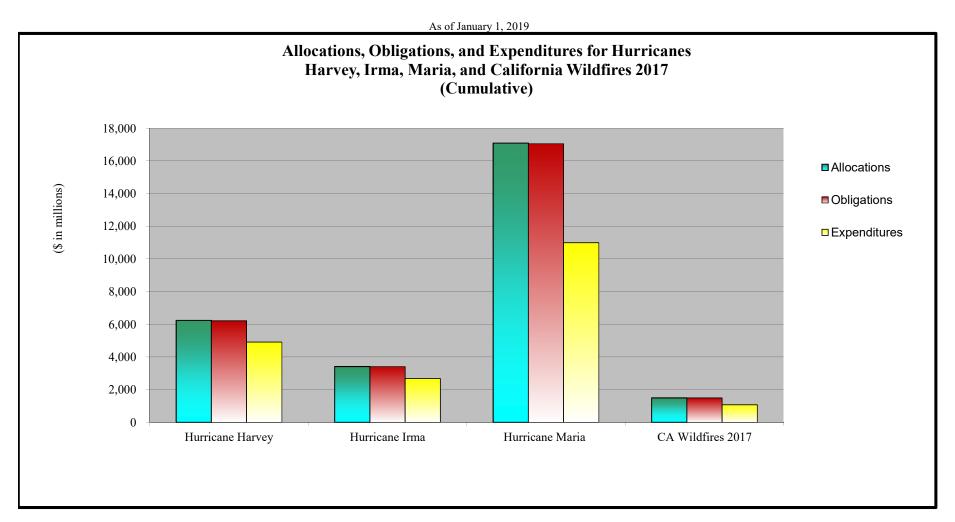




| | Tropical Storm Lee | Hurricane Sandy | Hurricane Isaac | Total |
|--------------|---------------------------|-----------------|-----------------|-----------|
| Allocations | \$ 864 | \$ 20,965 | \$ 836 | \$ 22,665 |
| Obligations | 864 | 20,965 | 836 | 22,665 |
| Expenditures | \$ 772 | \$ 12,675 | \$ 712 | \$ 14,159 |

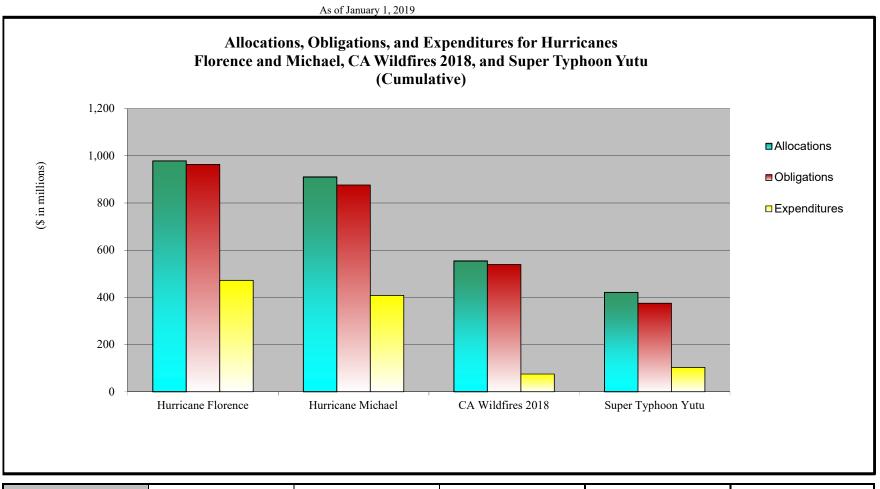


| | 2013 Colorado Flood | | LA Floods 4277 | Hurricane Matthew | Total | | |
|--------------|---------------------|----|----------------|-------------------|----------|--|--|
| Allocations | \$ 631 | \$ | 2,535 | \$ 1,661 | \$ 4,827 | | |
| Obligations | 631 | | 2,534 | 1,661 | 4,826 | | |
| Expenditures | \$ 474 | \$ | 2,249 | \$ 1,145 | \$ 3,868 | | |



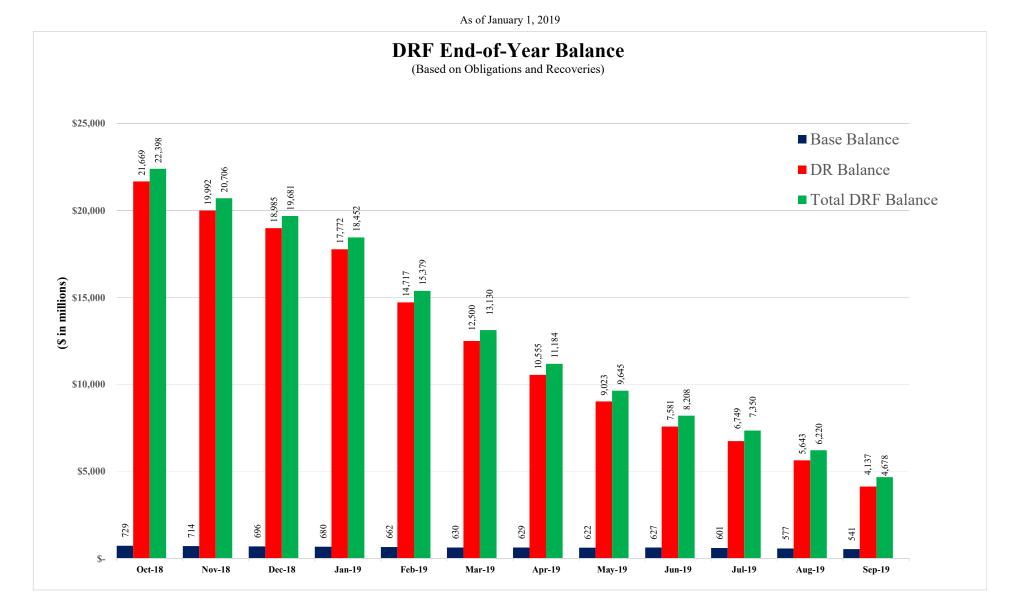
| | Hurricane Harvey | Hurricane Irma | Hurricane Maria | CA Wildfires 2017 | Total |
|--------------|------------------|----------------|-----------------|-------------------|-----------|
| Allocations | \$ 6,237 | \$ 3,414 | \$ 17,089 | \$ 1,495 | \$ 28,235 |
| Obligations | 6,214 | 3,407 | 17,048 | 1,492 | 28,161 |
| Expenditures | \$ 4,911 | \$ 2,675 | \$ 10,995 | \$ 1,071 | \$ 19,652 |

APPENDIX D: ALLOCATIONS, OBLIGATIONS, AND EXPENDITURES



| | Hurricane Florence | Hurricane Michael | CA Wildfires 2018 | Super Typhoon Yutu | Total |
|--------------|--------------------|-------------------|-------------------|--------------------|----------|
| Allocations | \$ 978 | \$ 910 | \$ 554 | \$ 421 | \$ 2,863 |
| Obligations | 963 | 876 | 539 | 375 | 2,753 |
| Expenditures | \$ 472 | \$ 408 | \$ 75 | \$ 103 | \$ 1,058 |

Source of financial information is IFMIS.



| 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 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|
| Base Balance | \$729 | \$714 | \$696 | \$680 | \$662 | \$630 | \$629 | \$622 | \$627 | \$601 | \$577 | \$541 |
| DR Balance | 21,669 | 19,992 | 18,985 | 17,772 | 14,717 | 12,500 | 10,555 | 9,023 | 7,581 | 6,749 | 5,643 | 4,137 |
| Total DRF Balance | \$22,398 | \$20,706 | \$19,681 | \$18,452 | \$15,379 | \$13,130 | \$11,184 | \$9,645 | \$8,208 | \$7,350 | \$6,220 | \$4,678 |

20

APPENDIX F: FY 2019 DRF Bridge Table

| | | FY 2019 To | tal Obligations (\$ | in millions) | | Changes from Baseline | Month-to-Month Change | | |
|--|------------------|------------------------|-------------------------|--------------|----------------------------|---|---|--|--|
| FEMA | DK* | Current Month as of | Previous Month as of | Change from | Change from Prior Month | C | Const | | |
| Event DRF Base Activities | Baseline* | Jan-19 | Dec-18 | Baseline | Prior Month | Cause/Reason | Cause/Reason | | |
| Emergencies | \$ 87 | \$ 87 | \$ 87 | \$- | s - | 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 DRS Other Activities | 299 256 43 | 299 256 43 | 299 256 43 | - - | - | No adjustments at this time | No adjustments at this time | | |
| Base Subtotal | 544 | 544 | 544 | | - | | | | |
| 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 | 27 | 27 | - | - | No adjustments at this time. | No adjustments at this time. | | |
| Ike | 12 | 12 | 12 | | - | No adjustments at this time. | No adjustments at this time. | | |
| Katrina Rita Wilma | 191 | 193 | 196 | 2 | (3) | Hazard Mitigation: \$1M for wind retrofits in 1609 FL. Administration: \$1M net increase primarily for technical assistance contract costs in 1603 LA. | Administration: (\$3M) net decrease primarily for technical assistance contract 1603 LA. | | |
| Midwest Floods | - | - | | | | No adjustments at this time. | No adjustments at this time. | | |
| TN Floods | 6 | 8 | 8 | 2 | - | Activity in 1909 TN: Public Assistance: \$2M increase for an appeal. | No adjustments at this time. | | |
| 2011 Spring Tornadoes | 3 | 3 | 3 | - | - | No adjustments at this time. | No adjustments at this time. | | |
| 2011 Spring Floods | 6 | 4 | 4 | (2) | - | Activity in 1981 ND: Public Assistance: (\$1M) decrease primarily due to reduced closeout costs for Minot School District. Other Activity: (\$1M). | No adjustments at this time. | | |
| Irene | 28 | 28 | 28 | - | - | No adjustments at this time. | No adjustments at this time. | | |
| Lee | 9 | 11 | 11 | 2 | - | Public Assistance: \$2M increase for PA Fish & Boat Commission close out costs in 4030 PA. | No adjustments at this time. | | |
| Isaac | 9 | 9 | 9 | - | - | No adjustments at this time. | No adjustments at this time. | | |
| Sandy | 898 | 897 | 893 | (1) | 4 | Public Assistance: (\$5M) net decrease primarily due to reductions for insurance and legibility in 4085 NY. Administration: \$2M increase for salaries and benefits in 4085 NY. Other Activity: \$2M. | Public Assistance: \$2M net increase primarily for direct administrative costs in NY. Administration: \$1M increase for salaries and benefits in 4085 NY. Oth Activity: \$1M. | | |
| 2013 Colorado Flood | 33 | 33 | 33 | | - | No adjustments at this time. | No adjustments at this time. | | |
| LA Floods 4277 | 122 | 126 | 126 | 4 | - | Activity in 4277 LA: Administration: \$4M increase primarily for salaries and benefits. | No adjustments at this time. | | |
| Matthew | 159 | 160 | 158 | 1 | 2 | Other Activity: \$1M. | Hazard Mitigation: \$2M net increase primarily for flood protection project in 4 SC. | | |
| Harvey | 1,532 | 1,510 | 1,530 | (22) | (20) | Individual Assistance: (\$1M) decrease for immediate needs assistance in 4332 TX. Administration: (\$5M) decrease for salaries and benefits in 4332 TX; (\$16M) decrease for technical assistance contracts in 4332 TX. | Individual Assistance: (\$1M) decrease for immediate needs assistance in 4332 Administration: (\$3M) decrease for salaries and benefits in 4332 TX; (\$16M) decrease for technical assistance contracts in 4332 TX; | | |

APPENDIX F: FY 2019 DRF Bridge Table

| | - | | | | FY 2019 | DRF Bridge Table | |
|----------------------|-----------|----------------------------------|-----------------------------------|-------------------------|----------------------------|---|--|
| | | FY 2019 To | tal Obligations (\$ | 6 in millions) | | Changes from Baseline | Month-to-Month Change |
| FEMA Event | Baseline* | Current Month as of Jan-19 | Previous Month as of Dec-18 | Change from Baseline | Change from Prior Month | Cause/Reason | Cause/Reason |
| Irma | 911 | 913 | 940 | 2 | (27) | Public Assistance: (\$9M) decrease for project cost adjustments in 4336 PR; (\$10M) net decrease primarily for University of the Virgin Islands projects in 4335 VI; S2M net increase for revised project costs in 4337 FL; (\$1M) net decrease for insurance and eligibility in 4346 SC. Hazard Mitigation: \$13M net increase primarily for accelerated projects in 4335 VI; \$3M increase for new projects submitted by the state in 4338 GA. Individual Assistance: \$4M increase for Thisset Housing and Other Needs Assistance in 4336 PR; \$3M net increase for Immediate Needs Assistance in 4337 FL. Administration: (\$6M) net decrease primarily for reduced technical assistance contract costs and salaries and benefits in 4337 FL, \$2M increase for an administrative mission assignment in 4336 PR. Other Activity: \$1M. | Public Assistance: \$2M net increase for revised project costs in 4337 FL; (\$6M) net decrease primarily for University of the Virgin Islands projects in 4335 VI; (\$1M) net decrease primarily for a phased project in 4335 VI; \$1M increase for new projects submitted by the state in 4338 GA. Individual Assistance: (\$1M) decrease based on updated burn rates in 4337 FL. Administration: (\$12M) decrease primarily for reduced technical assistance contract costs and salaries and benefits in 4337 FL. |
| Maria | 9,334 | 9,477 | 9,464 | 143 | 13 | Public Assistance: \$153M net increase primarily for increased Shelter and Temporary Essential Power costs in 4340 VI. Hazard Mitigation: (\$48M) decrease primarily for delayed projects in 4340 VI and 4339 PR. Individual Assistance: \$23M net increase primarily for Disaster Case Management in 4339 PR and 4340 VI. Operations: \$52M increase for additional mission assignment costs in 4339 PR and 4340 VI. Administration: (\$39M) net decrease primarily for reduced facilities costs, salaries and benefits, and travel in 4339 PR. Other Activity: \$2M. | Public Assistance: (\$2M) net decrease primarily for revisions to project costs and timing in 4340 VI and 4339 PR. Hazard Mitigation: (\$6M) decrease primarily for code enforcement project delays in 4339 PR. Individual Assistance: \$20M net increase primarily for Disaster Case Management in 4339 PR and 4340 VI. Operations: \$28M net increase primarily for a US Army Corps of Engineers mission assignment extension in 4339 PR. Administration (\$26M) net decrease primarily for reduced salaries and benefits and travel costs in 4339 PR. Other Activity: (\$1M). |
| CA Wildfires 2017 | 162 | 157 | 156 | (5) | 1 | Activity in 4344 CA: Public Assistance: (\$5M) decrease primarily due to ineligible projects. | Activity in 4344 CA: Other Activity: \$1M. |
| Florence | 492 | 593 | 580 | 101 | 13 | Public Assistance: \$56M net increase for adjustments to estimated costs across all Florence disasters. Hazard Mitigation: \$7M increase for advanced assistance projections in 4393 NC and 4394 SC. Individual Assistance: \$13M net increase primarily for increased temporary housing assistance in 4393 NC. Administration: \$23M net increase primarily for added costs for newly declared Florence disasters. Other Activity: \$2M. | Individual Assistance: \$10M net increase primarily for temporary housing assistance in 4393 NC. Administration: \$3M net increase primarily for salaries and benefits in 4393 NC. |
| Michael | | 1,340 | 1,344 | 1,340 | (4) | Public Assistance: (\$58M) net decrease primarily for updated project costs in 4399 FL. Individual Assistance: \$7M net increase across all IA programs in 4399 FL. Operations: \$40M increase for increased mission assignment costs in 4400 GA. Administration: \$8M net increase primarily for increase travel costs in 4400 GA. Other Activity: \$1,343M increase for actual obligations and initial projections reported after 1 October 2018. | Public Assistance: (\$58M) net decrease primarily for updated project costs in 4399 FL. Individual Assistance: \$7M net increase across all IA programs in 4399 FL. Operations: \$40M increase for increased mission assignment costs in 4400 GA. Administration: \$8M net increase primarily for increase travel costs in 4400 GA. Other Activity: (\$1M). |
| CA Wildfires 2018 | - | 1,499 | 444 | 1,499 | 1,055 | Actual obligations and first report of FY 2019 estimated costs. | First report of FY 2019 estimated costs. |
| Yutu | - | 557 | 280 | 557 | 277 | Actual obligations and first report of FY 2019 estimated costs. | First report of FY 2019 estimated costs. |
| DR Subtotal | 16,160 | 19,783 | 18,472 | 3,623 | 1,311 | | |
| Total | \$ 16,704 | \$ 20.327 | \$ 19.016 | \$ 3,623 | \$ 1.311 | | |

*Based on FY 2019 spend plan baselines.