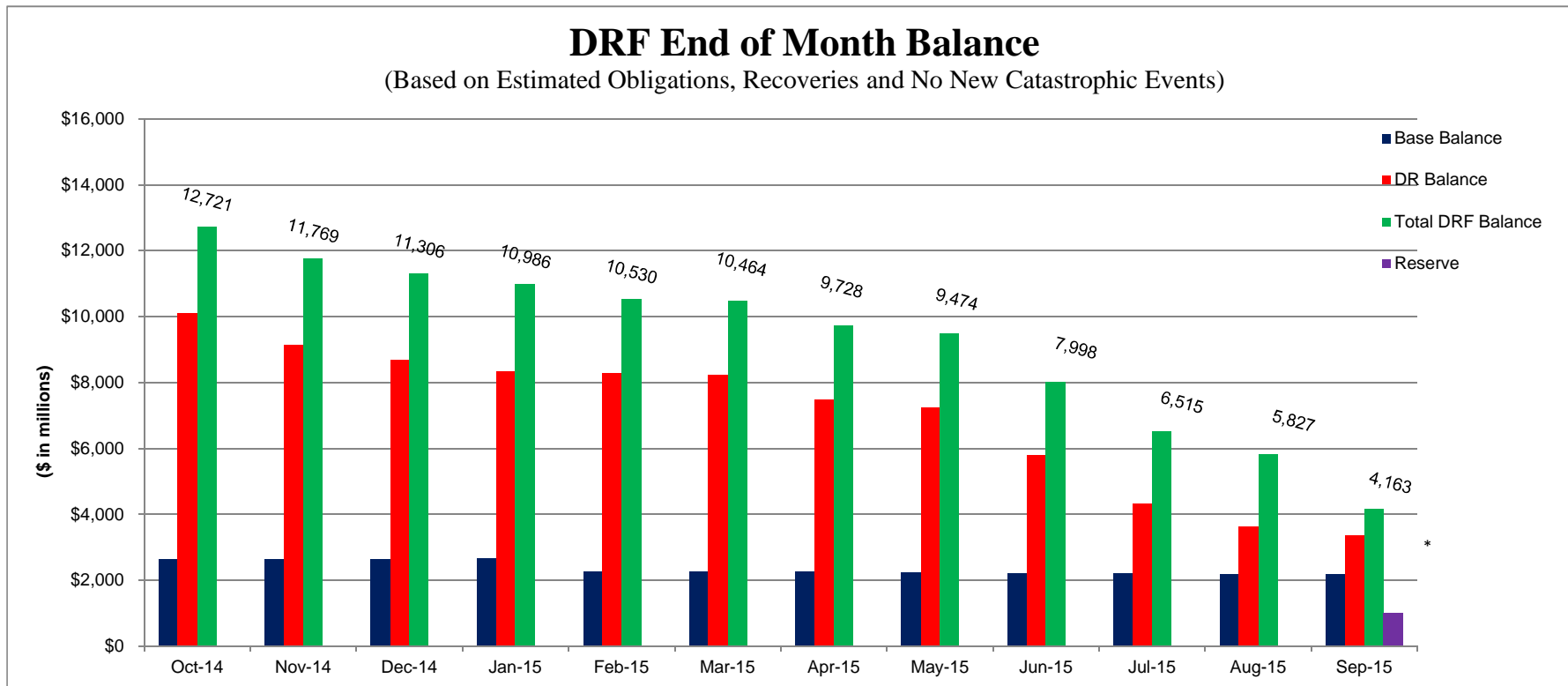


APPENDIX E: Estimate of Fund Exhaustion Date

As of 8/31/2015



* Projected ending balance reduced by \$1B provision for reserve. FEMA will continue to evaluate the reserve to support no-notice events and may make future adjustments.

(1) Includes FY2015 funding for the following major disaster events:

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

(2) Average for non-catastrophic event funding based on historical averages (non-Base and Base excluding DRS).

(3) Estimates based on September 2015 FEMA Spend Plans.

The estimated end-of-fiscal year balance includes projections for on-going major events, a trending ten-year average for non-catastrophic events (per BCA calculation), anticipated base expenses, and projected DRF recoveries. These estimates are subject to change, e.g., changes in appropriation levels, transfers, accelerated funding of current disasters, or a new catastrophic disaster; changes that could substantially reduce or deplete the projected year-end balance and impact FEMA's ability to respond timely and effectively to disasters and the needs of survivors. As an example of how quickly DRF funds can be depleted, FEMA obligated \$2.3B in the first 30 days of the Sandy response and almost \$3B in the first 60 days. These no-year funds can only be used for disaster purposes and should be readily available without delay regardless of when during the fiscal year.

APPENDIX F: DRF Cost Estimation Bridge Table

DRF Cost Estimation Bridge Table

Event	FY 2015 Estimated Total Obligations (\$ in millions)						Changes from Baseline	Month to Month Change
	Baseline *	Current Month as of Sep 15	Previous Month as of Aug 15	Change from Baseline	Change from Prior Month	Cause/Reason	Cause/Reason	
DRF Base Activities								
Emergencies	\$ 235	\$ 91	\$ 104	\$ (144)	\$ (13)	For the quarter ended March 31, FEMA examined the DRF ten year historical obligation trend by month, type of event and type of obligation; and evaluated the resource needs for April through September. The analysis resulted in a downward adjustment in resource needs for the April through September time period.	Reduced FY15 estimates for the remainder of the year based on current data/factors.	
Fire Management	82	139	128	57	11	Recent data, as well as pending reimbursements, support higher estimates for the rest of FY2015.	Recent data, as well as pending reimbursements, support higher estimates for the rest of FY2015.	
Surge	82	58	74	(24)	(16)	For the quarter ended March 31, FEMA examined the DRF ten year historical obligation trend by month, type of event and type of obligation; and evaluated the resource needs for April through September. The analysis resulted in a downward adjustment in resource needs for the April through September time period.	Reduced FY15 estimates for the remainder of the year based on current data/factors.	
Disaster Support & Other Activities Total	511	412	418	(99)	(6)			
DRS	341	341	341	-	-	FEMA continues to evaluate the DRS Spend Plans. No adjustment at this time.	FEMA continues to evaluate the DRS Spend Plans. No adjustment at this time.	
Other Activities	170	71	77	(99)	(6)	For the quarter ended March 31, FEMA examined the DRF ten year historical obligation trend by month, type of event and type of obligation; and evaluated the resource needs for April through September. The analysis resulted in a downward adjustment in resource needs for the April through September time period.	FEMA continues to evaluate the resource needs for FY2015 and adjusts requirements as needed.	
Base Sub-Total	<u>910</u>	<u>700</u>	<u>724</u>	<u>(210)</u>	<u>(24)</u>			
DRF DR Activities								
Average Monthly Major DR Activity (Non-Cat.)	2,991	1,920	1,920	(1,071)	-	For the quarter ended March 31, FEMA examined the DRF ten year historical obligation trend by month, type of event and type of obligation; and evaluated the resource needs for April through September. The analysis resulted in a downward adjustment in resource needs for the April through September time period.		
Gustav	33	51	51	18	-	Activity in 1786 LA: Public Assistance: \$3M net increase for insurance adjustments. Hazard Mitigation: \$15M increase for accelerated safe room and elevation projects.		
Ike	93	106	122	13	(16)	Public Assistance: (\$8M) net decrease primarily due to delayed projects for the Port of Galveston in 1791 TX. Hazard Mitigation: \$19M net increase for drainage, elevation, and acquisitions projects in 1791 TX and 1792 LA. Other Activity: \$2M.	Public Assistance: (\$15M) decrease primarily due to delayed projects for the Port of Galveston in 1791 TX. Hazard Mitigation: (\$3M) net decrease due to acquisition project delays in 1792 LA. Other Activity: \$2M.	

APPENDIX F: DRF Cost Estimation Bridge Table

DRF Cost Estimation Bridge Table

Event	Baseline *	FY 2015 Estimated Total Obligations (\$ in millions)				Changes from Baseline		Month to Month Change
		Current Month as of Sep 15	Previous Month as of Aug 15	Change from Baseline	Change from Prior Month	Cause/Reason	Cause/Reason	
Katrina Rita Wilma	474	629	627	155	2	Public Assistance: (\$5M) net decrease due to appeals and cost underruns in 1609 and 1602 FL; \$110M net increase primarily due to cost overruns and improved projects in 1603 LA; (\$2M) net decrease due to offsetting increases and reductions in 1607 LA. Hazard Mitigation: \$30M net increase primarily due to project accelerations in 1603 LA and 1604 MS. Administration: \$20M increase for salaries and benefits and technical assistance contracts in 1603 and 1607 LA. Other Activity: \$2M.	Other Activity: \$2M.	
Midwest Floods	15	33	31	18	2	Increases in 1763 IA: Public Assistance: \$10M increase for appeals and closeout costs. Hazard Mitigation: \$4M increase for cost overruns. Administration: \$4M increase for salaries and benefits.	Public Assistance: \$2M net increase primarily due to a statewide emergency management large project closeout in 1763 IA.	
TN Floods	24	13	15	(11)	(2)	Decreases in 1909 TN: Public Assistance: (\$9M) net decrease primarily due to delayed project closeout costs. Other Activity: (\$2M).	Decreases in 1909 TN: Public Assistance: (\$2M) decrease primarily due to project delays for Nashville Davidson.	
2011 Spring Tornadoes	28	42	42	14	-	Public Assistance: \$16M net increase primarily due to Mercy Health of Joplin projects and closeout costs in 1980 MO and 1972 MS; (\$3M) net decrease for project delays in 1975 AR. Hazard Mitigation: \$6M increase primarily due to amendments to safe room projects in 1980 MO; (\$4M) decrease for project delays in 1976 KY. Other Activity: (\$1M).		
2011 Spring Floods	27	22	22	(5)	-	Activity in 1981 ND: Public Assistance: (\$5M) decrease due to delayed state management costs. Administration: \$1M increase for technical assistance contracts. Other Activity: (\$1M).		
Irene	83	89	91	6	(2)	Public Assistance: \$6M net increase primarily due to a Middlesex County mitigation project in 4021 NJ; \$5M net increase due to offsetting costs for project appeals, accelerations, and amendments in 4020 NY; \$5M increase for cost overruns, adjustments, and appeals in various other Irene disasters. Hazard Mitigation: (\$14M) decrease due to delayed projects in 4022 VT. Administration: \$3M increase for salaries and benefits primarily in 4020 NY. Other Activity: \$1M.	Public Assistance: (\$1M) decrease due to delays for closeout costs for the MD Transit Authority in 4034 MD. Hazard Mitigation: (\$1M) net decrease for project delays due to historic preservation in 4022 VT.	
Lee	74	72	60	(2)	12	Public Assistance: \$20M net increase primarily due to appeals and scope changes including a project acceleration for the Owego School District 4031 NY. Hazard Mitigation: (\$23M) decrease due to delayed buyouts and a period of availability extension in 4031 NY. Administration: \$1M increase in 4030 PA.	Public Assistance: \$12M increase for an accelerated project for the Owego Apalachin School District in 4031 NY.	
Isaac	71	55	62	(16)	(7)	Public Assistance: (\$2M) decrease for insurance review delays in 4080 LA; (\$3M) net decrease primarily due to reduced closeout cost estimates in 4084 FL; (\$2M) decrease for project delays in 4081 MS. Hazard Mitigation: (\$10M) decrease due to withdrawn projects and delays in 4080 LA; (\$1M) decrease due to an expired mitigation plan in 4082 AL. Administration: \$2M increase for salaries and benefits primarily in 4080 LA.	Public Assistance: (\$1M) decrease due to insurance delays in 4080 LA; (\$2M) decrease due to various project delays in 4081 MS; (\$1M) decrease due to delayed direct administrative costs in 4084 FL. Hazard Mitigation: (\$1M) decrease due to historic preservation reviews in 4080 LA; (\$1M) decrease due to an expired mitigation plan in 4082 AL. Administration: (\$1M) decrease for salaries and benefits primarily in 4080 LA.	

APPENDIX F: DRF Cost Estimation Bridge Table

DRF Cost Estimation Bridge Table

Event	Baseline *	FY 2015 Estimated Total Obligations (\$ in millions)				Changes from Baseline		Month to Month Change
		Current Month as of Sep 15	Previous Month as of Aug 15	Change from Baseline	Change from Prior Month	Cause/Reason	Cause/Reason	
Sandy	5,070	5,400	7,230	330	(1,830)	Public Assistance: \$173M net increase primarily due to PAAP project increase and accelerations in 4085 NY; \$170M net increase for scope changes and mitigation in 4086 NJ; (\$2M) net decrease for project delays and cost reductions in several other Sandy disasters. Hazard Mitigation: (\$103M) net decrease primarily due to Scour Critical Bridges project delays in 4085 NY; (\$11M) net decrease primarily due to various project task timeline delays in 4086 NJ. Administration: \$74M increase for technical assistance contracts in 4085 NY; \$32M increase for salaries and benefits in 4085 NY and 4086 NJ. Other Activity: (\$3M).	Public Assistance: (\$1,705M) net decrease primarily due to delays associated with delayed phased work tasks for NYCHA and scope change review delays for the NYC Department of Environmental Protection in 4085 NY; (\$25M) net decrease due to various project delays and cost reductions in 4086 NJ; (\$8M) net decrease for project delays and cost reductions in several other Sandy disasters. Hazard Mitigation: (\$104M) decrease for environmental review delays related to the Resiliency Upgrades to Scour Critical Bridges in 4085 NY; (\$16M) net decrease due to timeline task delays in 4086 NJ. Administration: \$29M increase for technical assistance contracts. Other Activity: (\$1M).	
2013 Colorado Flood	44	117	121	73	(4)	Increases in 4145 CO: Public Assistance: \$44M net increase primarily due to project versions and scope changes for Larimer and Boulder counties. Hazard Mitigation: \$12M net increase due to project accelerations. Administration: \$17M increase for salaries and benefits.	Decreases in 4145 CO: Public Assistance: (\$4M) decrease primarily due to delayed projects for Larimer and Boulder counties.	
DR Sub-Total	<u>9,027</u>	<u>8,549</u>	<u>10,394</u>	<u>(478)</u>	<u>(1,845)</u>			
Total	\$ 9,937	\$ 9,249	\$ 11,118	\$ (688)	\$ (1,869)			

*Based on October 2014 Spend Plans