

# DEPARTMENT OF THE ARMY

Fiscal Year (FY) 2019 Budget Estimates



February 2018

Operation and Maintenance, Army Reserve

OVERVIEW BOOK

The estimated cost of this report or study for the Department of Defense is approximately \$61,000 for the 2018 Fiscal Year.  
This includes \$1,000 in expenses and \$60,000 in DoD labor.

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DEPARTMENT OF THE ARMY  
 Fiscal Year (FY) 2019 Budget Estimates  
 Operation and Maintenance, Army Reserve  
 Air Operations  
 (\$ in Thousands)

<u>Appropriation Summary</u>	<u>FY 2017 Actual</u>	<u>Price Change</u>	<u>Program Change</u>	<u>FY 2018 Estimate</u>	<u>Price Change</u>	<u>Program Change</u>	<u>FY 2019 Estimate</u>
Operation and Maintenance, Army Reserve	69.7	1.4	(13.1)	58.0	0.1	1.9	60.0

**Description of Operations Financed:**

The Army Reserve Flying Hour Program resources aviation training and operational requirements throughout the Army Reserve. Included are funds for fuel, consumable repair parts and depot level repair parts to maintain the fleet. The program supports both unit training and operations. Army Reserve fixed wing and rotary wing units support the requirements of the Combatant Commanders. Army Reserve fixed wing aircraft are an integral part of the military operational mission support airlift system on a daily basis.

DEPARTMENT OF THE ARMY  
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Operation and Maintenance, Army Reserve  
Air Operations  
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<b>Program Data</b>	<b>FY 2017 Actual</b>	<b>Change</b>	<b>FY 2018 Estimate</b>	<b>Change</b>	<b>FY 2019 Estimate</b>
<b><u>Primary Aircraft Authorized (PAA)</u></b>	<b><u>219</u></b>	<b><u>12</u></b>	<b><u>231</u></b>	<b><u>21</u></b>	<b><u>252</u></b>
Rotary Wing	159	12	171	21	192
Fixed Wing	60	0	60	0	60
<b><u>Total Aircraft Inventory (TAI)</u></b>	<b><u>219</u></b>	<b><u>12</u></b>	<b><u>231</u></b>	<b><u>21</u></b>	<b><u>252</u></b>
Rotary Wing	159	12	171	21	192
Fixed Wing	60	0	60	0	60
<b><u>O&amp;M Funded Flying Hours (000)</u></b>	<b><u>46</u></b>	<b><u>(2)</u></b>	<b><u>44</u></b>	<b><u>(2)</u></b>	<b><u>42</u></b>
Rotary Wing	20	(2)	18	2	20
Fixed Wing	26	0	26	(4)	22
<b><u>Crew Ratio (Average)</u></b>	<b><u>9</u></b>	<b><u>0</u></b>	<b><u>9</u></b>	<b><u>(3)</u></b>	<b><u>6</u></b>
<b><u>OTEMPO (Hrs/Crew/Month)</u></b>	<b><u>6</u></b>	<b><u>1</u></b>	<b><u>7</u></b>	<b><u>0</u></b>	<b><u>7</u></b>
Rotary Wing	6	1	7	0	7
Fixed Wing	0	0	0	0	0
<b><u>OPTEMPO (\$M)</u></b>	<b><u>69</u></b>	<b><u>(11)</u></b>	<b><u>58</u></b>	<b><u>1</u></b>	<b><u>59</u></b>
Rotary Wing	61	(11)	50	1	51
Fixed Wing	8	0	8	0	8
<b>Primary Mission Readiness (%)</b>					
Rotary Wing	100%	0%	90%	0%	88%
Fixed Wing	0%	0%	0%	0%	0%
<b>Total Air OPTEMPO \$</b>	<b>69</b>	<b>(11)</b>	<b>58</b>	<b>2</b>	<b>60</b>
<b>Total Flying Hours (000)</b>	<b>49</b>	<b>(6)</b>	<b>43</b>	<b>(1)</b>	<b>42</b>

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Fiscal Year (FY) 2019 Budget Estimates  
Operation and Maintenance, Army Reserve  
Air Operations  
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**Narrative Explanation of Changes (FY 2018 to FY 2019):**

Increase funding to adjust for cost factors and flying hour changes. Funding provides for Company (-) Level of proficiency.

DEPARTMENT OF THE ARMY  
Fiscal Year (FY) 2019 Budget Estimates  
Operation and Maintenance, Army Reserve  
Land Forces  
(\$ in Thousands)

<u>Appropriation Summary</u>	<u>FY 2017</u> <u>Actual</u>	<u>Price</u> <u>Change</u>	<u>Program</u> <u>Change</u>	<u>FY 2018</u> <u>Estimate</u>	<u>Price</u> <u>Change</u>	<u>Program</u> <u>Change</u>	<u>FY 2019</u> <u>Estimate</u>
Operation and Maintenance, Army Reserve	\$1,137,782	\$20,542	\$99,433	\$1,258,185	\$12,073	(\$58,933)	\$1,214,671

The Army Reserve Ground OPTEMPO resources Ground Tactical Vehicle Operations in Budget Activity 1 (SAGs 111 - 115); in the Maneuver Units, Modular Support Brigades, Echelon Above Brigades, Theater Level Assets, and Land Force Operations Support Sub Activity Groups. Included are funds for fuel, consumable repair parts, supplies, and depot level repair parts to maintain the fleet. The program supports both unit training and operations.

	<u>FY 2017</u>		<u>FY 2018</u>		<u>FY 2019</u>	
	<u>T-1/T-2</u> <u>Reqmnt</u>	<u>Actual</u>	<u>T-1/T-2</u> <u>Reqmnt</u>	<u>Budgeted</u>	<u>T-1/T-2</u> <u>Reqmnt</u>	<u>Budgeted</u>
<b><u>ARMY Ground Operating Tempo (OPTEMPO) MILES</u></b>						
<b>Live Training (Home Station &amp; National Training Center)</b>						
OPTEMPO Miles	1,526	1,234	1,526	1,222	1,302	1,042
Current Funding Estimate	1,329.7	1,137.8	1,381.5	1,258.2	1,415.6	1,214.7
<b>Virtual Training (Close Combat Tactical &amp; Unit Conduct of Fire Trainers)</b>						
OPTEMPO Miles	0	0	0	0	0	0
Current Funding Estimate	0.0	0.0	0.0	0.0	0.0	0.0
<b>Other Training</b>						
OPTEMPO Miles	0	0	0	0	0	0
Current Funding Estimate	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Ground OPTEMPO</b>						
OPTEMPO Miles	1,526	1,234	1,526	1,222	1,302	1,042

Exhibit PBA-2 Land Forces  
February 2018

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Operation and Maintenance, Army Reserve  
Land Forces  
(\$ in Thousands)

<b><u>ARMY Ground Operating Tempo (OPTEMPO) MILES</u></b>	<b>FY 2017</b>		<b>FY 2018</b>		<b>FY 2019</b>	
	<b>T-1/T-2</b>	<b>Actual</b>	<b>T-1/T-2</b>	<b>Budgeted</b>	<b>T-1/T-2</b>	<b>Budgeted</b>
	<b>Reqmnt</b>		<b>Reqmnt</b>		<b>Reqmnt</b>	
Current Funding Estimate	1,329.7	1,137.8	1,381.5	1,258.2	1,415.6	1,214.7
<b><u>Personnel Data</u></b>	<b>FY 2017</b>		<b>FY 2018</b>		<b>FY 2019</b>	
<b><u>Selected Reserve Personnel (End Strength)</u></b>	<b>Actual</b>	<b>Change</b>	<b>Estimate</b>	<b>Change</b>	<b>Estimate</b>	
Officer	39,590	(269)	39,321	308	39,629	
Enlisted	<u>145,947</u>	<u>(1,346)</u>	<u>144,601</u>	<u>949</u>	<u>145,550</u>	
Total	185,537	(1,615)	183,922	1,257	185,179	
<b><u>Civilian Personnel (Full-Time Equivalents)</u></b>						
U.S. Direct Hires	7,267	788	8,055	(376)	7,679	
Foreign National Direct Hire	0	0	0	0	0	
<b>Total Direct Hire</b>	<b>7,267</b>	<b>788</b>	<b>8,055</b>	<b>(376)</b>	<b>7,679</b>	
Foreign National Indirect Hire	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
Total	7,267	788	8,055	(376)	7,679	

DEPARTMENT OF THE ARMY  
Fiscal Year (FY) 2019 Budget Estimates  
Operation and Maintenance, Army Reserve  
Depot Maintenance  
(\$ in Thousands)

**Description of Operations Financed:**

Provides funding for depot level maintenance for the recovery, repair, overhaul and return of major equipment and end items to units, as well as depot level calibration of Test, Management and Diagnostic Equipment (TMDE). Major equipment includes rotary wing aircraft, communications and electronic equipment, combat vehicles (as identified by the Combat Vehicle Evaluation Teams) and tactical vehicles. In addition, this sub-activity provides funding for depot level maintenance/overhaul of general support, construction, equipment and on-condition cyclic maintenance on watercraft. Depot maintenance is the Army Reserve's strategic maintenance sustainment base and is the only source of supply and maintenance dollars for fully reconditioned/overhauled end-items. These end-items fill equipment shortages, modernize the force, and ensure equipment readiness within the Army Reserve to support the Combatant Commander's war-fighting mission.

	FY 2017			FY 2018			FY 2019	
	Funded Executable Rqmt	Executable Unfunded Deferred Rqmt	Change in Unfunded Rqmt	Funded Executable Rqmt	Executable Unfunded Deferred Rqmt	Change in Unfunded Rqmt	Funded Executable Rqmt	Executable Unfunded Deferred Rqmt
<b>Operation &amp; Maintenance, OCAR</b>								
Aircraft	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Combat Vehicles	3.7	(0.9)	3.6	3.7	2.7	(1.6)	4.1	1.1
Tactical Vehicles	11.1	18.8	(16.0)	15.3	2.8	4.6	17.3	7.4
Other (End-Item Maintenance)	38.5	(1.1)	3.6	31.0	2.5	3.4	31.9	5.9
Communications - Electronics	<u>1.6</u>	<u>0.4</u>	<u>2.5</u>	<u>6.0</u>	<u>2.9</u>	<u>0.1</u>	<u>6.8</u>	<u>3.0</u>
<b>Total</b>	<b>54.9</b>	<b>17.2</b>	<b>(6.3)</b>	<b>56.0</b>	<b>10.9</b>	<b>6.5</b>	<b>60.1</b>	<b>17.4</b>

<b>Category</b>	<b>FY 2017 Actual</b>	<b>Price Change</b>	<b>Program Change</b>	<b>FY 2018 Estimate</b>	<b>Price Change</b>	<b>Program Change</b>	<b>FY 2019 Estimate</b>
Aircraft	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Combat Vehicles	3.7	1.7	(1.7)	3.7	0.0	0.4	4.1
Tactical Vehicles	11.1	(8.2)	12.4	15.3	0.1	1.9	17.3
Other (End Item Maintenance)	38.5	1.2	(8.7)	31.0	0.2	0.7	31.9
Communications - Electronics	<u>1.6</u>	<u>4.4</u>	<u>0.0</u>	<u>6.0</u>	<u>0.0</u>	<u>0.8</u>	<u>6.8</u>
<b>Total</b>	<b>54.9</b>	<b>(0.9)</b>	<b>2.0</b>	<b>56.0</b>	<b>0.3</b>	<b>3.8</b>	<b>60.1</b>

DEPARTMENT OF THE ARMY  
Fiscal Year (FY) 2019 Budget Estimates  
Operation and Maintenance, Army Reserve  
Depot Maintenance  
(\$ in Thousands)

**Overall FY19 Program funds a decreased number depot rebuild programs. Major program increases from FY18 are:**

**COMBAT VEHICLES: (+\$0.4M)** – Increase in funding for Combat Vehicle End Item Maintenance supports adjustments made based on the Army Reserve's depot maintenance program planning process. Through this process, the Army Reserve balances fleet requirements, return on investment, system performance, sustainability, and support costs. The Army Reserve increased its overall funding for the maintenance/overhaul of 3 Combat Vehicle end items. Said equipment is comprised of (1) Command Post Carrier, M577A3 and (2) Launcher M60 Series Tank. Existing funding covers that needed to maintain core capabilities at depots.

**COMMUNICATIONS-ELECTRONICS: (+\$0.8M)** - Increase in funding for Depot Maintenance Other End Items support adjustments made based on the Army Reserve's depot maintenance program planning process. Through this process, the Army Reserve balances fleet requirements, return on investment, system performance, sustainability, and support costs. The Army Reserve increased its over funding for the maintenance/overhaul of 5 Communications-Electronic end items. Said equipment is comprised of (3) Satellite Communication Terminals, and (2) Very Small Aperture Terminal (VSAT) Field Service Representative (FSR) Support. Existing funding covers that needed to maintain core capabilities at depots.

**TACTICAL VEHICLES: (+\$1.8M)** – Increase in funding for Tactical Wheeled Vehicle Other Maintenance due to cascading of vehicles as part of the Tactical Wheeled Vehicle strategy. Through this process, the Army Reserve balances fleet requirements, return on investment, system performance, sustainability, and support costs. The Army Reserve increased its overall funding for the maintenance/overhaul of 98 Tactical Vehicle end items. Said equipment is comprised of (6) Low Bed Semitrailers M-871A3 (25 Tons), (50) Flat Bed Semitrailers Breakbulk Container Transporter M-872A3 (34 Tons), (25) HMMWV 4X4 Heavy Utility Truck M-1097R1, (1) Heavy Dump Truck W/MCS (Material Control System) M917A1, (1) Line-Haul Tractor Truck 915A5, (5) Line-Haul Tractor Truck 915A3, (10) Expanded Capacity Armament Carrier Utility Truck M1151A1. Maintenance of end items are condition based and did not meet the induction requirements. Existing funding covers that needed to maintain core capabilities at depots.

**OTHER: (+\$.7M)** - Increase in funding for Depot Maintenance Other End Items support adjustments made based on the Army Reserve's depot maintenance program planning process. Through this process, the Army Reserve balances fleet requirements, return on investment, system performance, sustainability, and support costs. The Army Reserve reduced its over funding for the maintenance/overhaul of 19,122 Other end items. Said equipment is comprised of (1) 115 Ton Barge Derrick, (6) 5 Ton Atlas Forklift, and (19,115) Test, Management and Diagnostic Equipment (TMDE). Maintenance of end items are condition based and did not meet the induction requirements. Existing funding covers that needed to maintain core capabilities at depots.

**TOTAL +\$3.7M**

DEPARTMENT OF THE ARMY  
 Fiscal Year (FY) 2019 Budget Estimates  
 Operation and Maintenance, Army Reserve  
 Training and Education  
 (\$ in Thousands)

<u>Appropriation Summary</u>	<u>FY 2017 Actual</u>	<u>Price Change</u>	<u>Program Change</u>	<u>FY 2018 Estimate</u>	<u>Price Change</u>	<u>Program Change</u>	<u>FY 2019 Estimate</u>
O&M, Army Reserve (OMAR)	71.1	2.2	9.6	82.9	1.7	(5.8)	78.8

**Description of Operations Financed:**

Resources the operating costs to support The Total Army Schools System (TASS) for professional development, special skills, refresher proficiency training, and MOS qualification reclassification. Includes civilian pay and other support personnel costs for the schools and institutions. Resources Active Guard and Reserve (AGR) to attend training.

**Individual Training by Category:**

	<u>FY 2017 Actual</u>	<u>Price Change</u>	<u>Program Change</u>	<u>FY 2018 Estimate</u>	<u>Price Change</u>	<u>Program Change</u>	<u>FY 2019 Estimate</u>
Specialized Skill Training	28.4	0.7	5.4	34.5	0.6	(9.7)	25.4
Professional Development	24.1	1.0	4.8	29.9	0.7	3.0	33.6
Training Support	18.6	0.5	(0.6)	18.5	0.4	0.9	19.8
<b>Total</b>	<b>71.1</b>	<b>2.2</b>	<b>9.6</b>	<b>82.9</b>	<b>1.7</b>	<b>(5.8)</b>	<b>78.8</b>

**Narrative Explanation of Changes (FY 2018 to FY 2019):**

Decrease funding results in the decline of students for training and education by 16,258 seats as compared to FY 2018 levels.

DEPARTMENT OF THE ARMY  
 Fiscal Year (FY) 2019 Budget Estimates  
 Operation and Maintenance, Army Reserve  
 Base Support  
 (\$ in Millions)

<u>Appropriation Summary</u>	<u>FY 2017 Actual</u>	<u>Price Change</u>	<u>Program Change</u>	<u>FY 2018 Estimate</u>	<u>Price Change</u>	<u>Program Change</u>	<u>FY 2019 Estimate</u>
Operation and Maintenance, Army Reserve	596.9	11.3	(8.3)	599.9	8.9	(13.1)	595.7

**Description of Operations Financed:**

Base Operating Support (BOS) finances the Army Reserve Installation and Army Reserve Center services worldwide, ensuring an environment in which Soldiers and Families can thrive. BOS is vital in all aspects of training and readiness; operating and maintaining Installations and Reserve Centers that serve as power projection platforms; and provides essential programs that promote quality of life for our Soldiers and their Families. In accordance with the Deputy Under Secretary of Defense (Installations & Environment), the Army Reserve reorganized its base support Program Elements to provide increased granularity and visibility of programming and spending within the Installation and Center Services area to support joint war-fighting objectives. As the underlying foundation of our Land Forces, Installation support is provided through various programs and services.

<u>Number of Installations</u>	<u>FY 2017</u>		<u>FY 2018</u>		<u>FY 2019</u>	
	<u>CONUS</u>	<u>Overseas</u>	<u>CONUS</u>	<u>Overseas</u>	<u>CONUS</u>	<u>Overseas</u>
Active Forces	0	0	0	0	0	0
Reserve Forces	3	0	3	0	3	0

DEPARTMENT OF THE ARMY  
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 Operation and Maintenance, Army Reserve  
 Base Support  
 (\$ in Millions)

	<u>FY 2017</u> <u>Actual</u>	<u>Change</u>	<u>FY 2018</u> <u>Estimate</u>	<u>Change</u>	<u>FY 2019</u> <u>Estimate</u>
<b>Selected Reserve and Guard Personnel (End Strength)</b>					
Officer	0	0	0	0	0
Enlisted	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	0	0	0	0	0
<b>Civilian Personnel (Full-Time Equivalent)</b>					
U.S. Direct Hires	1,416	64	1,480	36	1,516
Foreign National Direct Hire	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Direct Hire	1,416	64	1,480	36	1,516
Foreign National Indirect Hire	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	1,416	64	1,480	36	1,516

**Narrative Explanation of Changes (FY 2018 to FY 2019):**

Decrease in FY19 funding primarily impacts environmental, facility operations, family and community, garrison command support, human resources, logistics, airfields, and military construction tails. Decrease funding fulfills 90.1% of critical requirements supporting worldwide operations, activities, and initiatives necessary to maintain and sustain Army Reserve Family Programs and facilities.

DEPARTMENT OF THE ARMY  
 Fiscal Year (FY) 2019 Budget Estimates  
 Operation and Maintenance, Army Reserve  
 Reserve Forces  
 (\$ in Thousands)

<u>Appropriation Summary</u>	<u>FY 2017 Actual</u>	<u>Price Change</u>	<u>Program Change</u>	<u>FY 2018 Estimate</u>	<u>Price Change</u>	<u>Program Change</u>	<u>FY 2019 Estimate</u>
Operation and Maintenance, Army Reserve	2,735.6	54.7	116.5	2,906.8	39.0	(28.9)	2,916.9

**Description of Operations Financed:**

The FY 2019 Operation and Maintenance, Army Reserve (OMAR) appropriation supports operations, logistics, engineering, administration and management support capabilities for the Army Reserve. Additionally, the OMAR appropriation supports installation management, maintenance of real property, and personnel support to retirees, veterans and their Families. Costs incurred in providing support include civilian pay, information systems, networks, telecommunications, supplies, fuel, equipment and base operations support. Funding is provided in two budget activities. Budget Activity One (Operating Forces) consists of the following Sub-Activity Groups: Land Forces, Land Forces Readiness, and Land Forces Readiness Support. Budget Activity Four (Administrative and Service-wide Activities) consists of the following Sub-Activity Groups: Logistics Operations and Servicewide Support. The FY 2019 OMAR budget request provides training and support for an end strength of 199,500 Soldiers and includes a mobilization operational tempo offset of zero for mobilized Soldiers. The OMAR Budget also provides funding for 10,150 Department of Army Civilian Full-time equivalents including 6,745 Military Technicians FTEs.

DEPARTMENT OF THE ARMY  
Fiscal Year (FY) 2019 Budget Estimates  
Operation and Maintenance, Army Reserve  
Reserve Forces  
(\$ in Thousands)

	<b>FY 2017</b>	<b>Change</b>	<b>FY 2018</b>	<b>Change</b>	<b>FY 2019</b>
	<u>Actual</u>		<u>Estimate</u>		<u>Estimate</u>
Primary Aircraft Authorized (PAA) (End FY)	219	12	231	21	252
Total Aircraft Inventory (TAI) (End FY)	219	12	231	21	252
Flying Hours	46,011.0	(2,872.0)	43,139.0	(864.0)	42,275.0
<b>Operating Tempo</b>					
Ground (Miles)	1,234	(12)	1,222	(180)	1,042
Air (Flying Hours)	6.8	(0.9)	5.9	0.7	6.6
Divisions	0	0	0	0	0
Brigades	0	0	0	0	0
Student Training Loads	0	0	0	0	0
Major Installations	3	0	3	0	3
Reserve Centers	840	(107)	733	(26)	707
Training Centers	4.0	0.0	4.0	0.0	4.0
Depot Maintenance Repair Backlog (\$)	0.0	0.0	0.0	0.0	0.0
Backlog of Maintenance and Repair (\$)	17.2	(6.3)	10.9	6.5	17.4

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Reserve Forces  
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	<u>FY 2017</u> <u>Actual</u>	<u>Change</u>	<u>FY 2018</u> <u>Estimate</u>	<u>Change</u>	<u>FY 2019</u> <u>Estimate</u>
<b>Military Selected Reserve Personnel (End Strength)</b>					
Drill Strength (Pay Groups A, F, and P)	175,348	4,665	180,013	(564)	179,449
Individual Mobilization Augmentees	2,800	(74)	2,726	939	3,665
Full Time Duty	16,170	91	16,261	125	16,386
<b>Total</b>	<b>194,318</b>	<b>4,682</b>	<b>199,000</b>	<b>500</b>	<b>199,500</b>
<b>Selected Reserve (Average Strength)</b>					
Full-time Included (Memo)	198,170	(1,484)	196,686	(2,158)	194,528
<b>Civilian Personnel (Full-Time Equivalents (FTEs))</b>					
U.S. Direct Hires	9,681	800	10,481	(331)	10,150
Foreign National Direct Hire	0	0	0	0	0
<b>Total Direct Hire</b>	<b>9,681</b>	<b>800</b>	<b>10,481</b>	<b>(331)</b>	<b>10,150</b>
Foreign National Indirect Hire	0	0	0	0	0
<b>Total</b>	<b>9,681</b>	<b>800</b>	<b>10,481</b>	<b>(331)</b>	<b>10,150</b>
Military Technicians Included (Memo)	6,674	501	7,175	(429)	6,746
Military Technicians Assigned to USSOCOM (FTEs)	0	0	0	0	0
<b>Civilian Personnel (End Strength)</b>					
U.S. Direct Hires	10,079	949	11,028	(43)	10,985
Foreign National Direct Hire	0	0	0	0	0
<b>Total Direct Hire</b>	<b>10,079</b>	<b>949</b>	<b>11,028</b>	<b>(43)</b>	<b>10,985</b>
Foreign National Indirect Hire	0	0	0	0	0
<b>Total</b>	<b>10,079</b>	<b>949</b>	<b>11,028</b>	<b>(43)</b>	<b>10,985</b>
Military Technicians Included (Memo)	7,033	596	7,629	(134)	7,495
Military Technicians Assigned to USSOCOM (E/S)	0	0	0	0	0

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Reserve Forces  
(\$ in Thousands)

**FY 2019 Narrative Explanation of Changes:**

The changes in select reserve personnel end strength result from the ongoing transformation of force structure. The Army Reserve's FY 2019 authorized strength is 199,500. The FY 2019 OMAR budget request provides training and support for an end strength of 199,500 Soldiers and includes a mobilization operational tempo offset of zero for mobilized Soldiers. The OMAR Budget also provides funding for 10,150 Department of Army Civilian Full-time equivalents including 6,745 Military Technicians. FY 2019 funding will continue to shape and transform the Army Reserve.

DEPARTMENT OF THE ARMY  
 Fiscal Year (FY) 2019 Budget Estimates  
 Operation and Maintenance, Army Reserve  
 Command, Control, and Communication  
 (\$ in Thousands)

<u>Appropriation Summary</u>	<u>FY 2017 Actual</u>	<u>Price Change</u>	<u>Program Change</u>	<u>FY 2018 Estimate</u>	<u>Price Change</u>	<u>Program Change</u>	<u>FY 2019 Estimate</u>
Operation and Maintenance, Army Reserve	122.3	2.4	(25.8)	98.9	1.7	2.4	103.0

**Description of Operations Financed:**

**Sustaining Base Communications** - Functions supported include communications leased from local vendors, maintenance of end-user communications equipment (telephones, radios, fax, others), and Army land mobile radio. Include civilian pay, local phone service, commercial long distance (non-FTS), C4 technical support, contract maintenance, parts support, and telecommunications equipment.

**Long Haul Communications** - Includes operation and maintenance of Army Reserve to interconnect through the Global Information Grid (GIG) for common user telecommunications services (voice, data, messaging, etc.). It includes long haul leased communication lines, engineering, and installation. Resources supports the Defense Communications Systems (DCS), Defense Switched Network (DSN), Defense Red Switch Network (DRSN), Non-secure Internet Protocol Router Network (NIPRNET), Secret Internet Protocol Router Network (SIPRNET), Digital Video Services (DVS), Federal Technology Services (FTS) 2001, and dedicated voice and data circuits.

**Information Assurance (IA) Activities (Information Security)** - IA are measures that protect and defend information and information systems by ensuring their availability, integrity, authentication, confidentiality, and non-repudiation to achieve a defense-in-depth approach that integrates capabilities of personnel, operations, and technology. Include the Army Reserve IA and the Common Access Card (CAC) / Public Key Infrastructure (PKI) programs. The Army Reserve IA program includes initiatives such as Information Assurance Vulnerability Assessments (IAVA) compliance inspections, Certification and Accreditation (C&A) of Information Systems, the Federal Information Security Management Act of 2002 (FISMA), and Reverse Proxy Server to protect publicly accessible web servers. The IA training and certification program trains, educates, certifies personnel with their responsibilities to develop, use, operate, administer, maintain, defend, and retire DoD Information Systems (IS). The IA training program is mandated in Public Law 100-235 (101 STAT. 1724), Computer security act of 1987; National Telecommunications information system security directive 500 (NSTISSD 500); and DoD Directive 8570.1, Information Assurance Training, Certification and Workforce Management. The CAC/PKI mission supports Homeland Presidential Directive - 12 in providing a common identification standard for Federal Employees and Contractors, as well as provides secure and reliable forms of identification. Resources the Information Systems Security Program aimed at denying hostile forces the ability to derive national security related information from classified and unclassified communications, as well as preventing the enemy from disrupting such communications. Information Security (INFOSEC) activities are required to protect telecommunications, acoustic and optical emissions and other non-communications related emissions. Logistical support includes inventory control and depot functions of supply, storage, issue and maintenance of INFOSEC equipment and ancillary items.

DEPARTMENT OF THE ARMY  
Fiscal Year (FY) 2019 Budget Estimates  
Operation and Maintenance, Army Reserve  
Command, Control, and Communication  
(\$ in Thousands)

<u>Program Data</u>	<u>FY 2017 Actual</u>	<u>Price Change</u>	<u>Program Change</u>	<u>FY 2018 Estimate</u>	<u>Price Change</u>	<u>Program Change</u>	<u>FY 2019 Estimate</u>
<b>Communications</b>							
Sustaining Base Communications	63.5	1.2	(20.2)	44.5	0.7	4.4	49.6
Long Haul Communications	54.6	1.1	(5.3)	50.4	0.9	(1.6)	49.7
Deployable and Mobile Communications	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Command and Control</b>							
National	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operational	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tactical	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>C3 Related</b>							
Navigation	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Meteorology	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Combat Identification	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cybersecurity Activities	<u>4.2</u>	<u>0.1</u>	<u>(0.3)</u>	<u>4.0</u>	<u>0.1</u>	<u>(0.4)</u>	<u>3.7</u>
<b>Total</b>	<b>122.3</b>	<b>2.4</b>	<b>(25.8)</b>	<b>98.9</b>	<b>1.7</b>	<b>2.4</b>	<b>103.0</b>

**Narrative Explanation of Changes (FY 2018 to FY 2019):**

**Sustaining Base Communication:** FY 2019 program increase is a result of raising the level of Command, Control, Communications, Computers, and Information Management services to acceptable levels.

**Long Haul Communication:** FY 2019 program decrease the result of a reduction in cost for Secret Internet Protocol Router Network (SIPRnet) and Network Management Services.

**Information Assurance:** FY 2019 Funding for non-essential information technology products and services as well as non-mandatory upgrades are reduced to support higher priority missions.

DEPARTMENT OF THE ARMY  
 Fiscal Year (FY) 2019 Budget Estimates  
 Operation and Maintenance, Army Reserve  
 Transportation  
 (\$ in Thousands)

<u>Appropriation Summary</u>	<u>FY 2017 Actual</u>	<u>Price Change</u>	<u>Program Change</u>	<u>FY 2018 Estimate</u>	<u>Price Change</u>	<u>Program Change</u>	<u>FY 2019 Estimate</u>
Operation and Maintenance, Army Reserve	8.7	0.1	2.3	11.1	0.2	0.5	11.8

**Description of Operations Financed:**

Provides funding for the commercial transportation and dedicated contract support for the movement of Army Reserve equipment for directed lateral transfers, turn-ins, and the establishment of the Army Reserve Training Strategy (ARTS) prepositioned equipment sets. Second Destination Transportation (SDT) is used for Army Reserve directed redistribution of new equipment from Army Reserve new equipment fielding (NEF) sites to unit, retrograde of major end items to depot for repair, relocation of unit equipment as a result of unit Permanent Change of Station (PCS) or unit activation/inactivation.

DEPARTMENT OF THE ARMY  
Fiscal Year (FY) 2019 Budget Estimates  
Operation and Maintenance, Army Reserve  
Transportation  
(\$ in Thousands)

<b><u>Second Destination Transportation (SDT)</u></b>	<b><u>FY 2017</u></b>	<b><u>Price</u></b>	<b><u>Program</u></b>	<b><u>FY 2018</u></b>	<b><u>Price</u></b>	<b><u>Program</u></b>	<b><u>FY 2019</u></b>
<b>Major Commodity (Commodity Transported)</b>	<b>Actual</b>	<b>Change</b>	<b>Change</b>	<b>Estimate</b>	<b>Change</b>	<b>Change</b>	<b>Estimate</b>
Military Supplies & Equipment	8.7	0.1	2.3	11.1	0.2	0.5	11.8
Mail Overseas	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subsistence	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Base Exchanges	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
<b>Total Major Commodity SDT</b>	<b>8.7</b>	<b>0.1</b>	<b>2.3</b>	<b>11.1</b>	<b>0.2</b>	<b>0.5</b>	<b>11.8</b>
<b>Mode of Shipment</b>							
<u>Military Commands</u>							
Military Traffic	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Surface	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sealift	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Airlift	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<u>Commercial</u>							
Surface	8.7	0.1	2.3	11.1	0.2	0.5	11.8
Sea	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Air	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
<b>Total Mode of Shipment SDT</b>	<b>8.7</b>	<b>0.1</b>	<b>2.3</b>	<b>11.1</b>	<b>0.2</b>	<b>0.5</b>	<b>11.8</b>

**Narrative Explanation of Changes (FY 2018 to FY 2019):**

Program increase due to 53 more programmed shipments.

DEPARTMENT OF THE ARMY  
 Fiscal Year (FY) 2019 Budget Estimates  
 Operation and Maintenance, Army Reserve  
 Recruiting and Advertising  
 (\$ in Thousands)

<u>Appropriation Summary</u>	<u>FY 2017 Actual</u>	<u>Price Change</u>	<u>Program Change</u>	<u>FY 2018 Estimate</u>	<u>Price Change</u>	<u>Program Change</u>	<u>FY 2019 Estimate</u>
Operation and Maintenance, Army Reserve	30.3	0.6	9.9	40.8	0.7	(3.4)	38.1

**Description of Operations Financed:**

The Army Reserve recruiting force consists of 1,755 recruiting personnel. This funding resources support headquarters operations, applicant meals, lodging and travel, military awards, GSA vehicles, equipment, and advertising. Also, supports the Army Reserve message through consistent branding and quality advertising to ensure the U.S. Army Reserve achieves its accession mission.

DEPARTMENT OF THE ARMY  
Fiscal Year (FY) 2019 Budget Estimates  
Operation and Maintenance, Army Reserve  
Recruiting and Advertising  
(\$ in Thousands)

<u>Program Data</u>	<u>FY 2017 Actual</u>	<u>Price Change</u>	<u>Program Change</u>	<u>FY 2018 Estimate</u>	<u>Price Change</u>	<u>Program Change</u>	<u>FY 2019 Estimate</u>
<b>A. Recruiting</b>							
Dollars (in Millions)	26.9	0.5	10.1	37.5	0.6	(3.3)	34.8
Accession Plan							
Prior Service	12,369	0	4,131	16,500	0	0	16,500
Non-Prior Service	14,589	0	986	15,575	0	0	15,575
Total							
Accessions	26,958	0	5,117	32,075	0	0	32,075
<b>B. Advertising</b>							
Dollars (in Millions)	3.4	0.1	(0.2)	3.3	0.1	(0.1)	3.3

**Narrative Explanation of Changes (FY 2018 to FY 2019):**

Decreased funding due to reduction in vehicle lease costs and the termination of the Army Recruiting Information Support System (ARISS) contract.

DEPARTMENT OF THE ARMY  
 Fiscal Year (FY) 2019 Budget Estimates  
 Operation and Maintenance, Army Reserve  
 Manpower Data (Civilian)

		FY 2017		FY 2018		FY 2019
		Actual	Change	Estimate	Change	Estimate
Operation & Maintenance, Army Reserve						
	U.S. Direct Hire	9,681	800	10,481	-331	10,150
	Total Direct Hire	9,681	800	10,481	-331	10,150
	Total	9,681	800	10,481	-331	10,150

		FY 2017		FY 2018		FY 2019
		Actual	Change	Estimate	Change	Estimate
Total Army						
	U.S. Direct Hire	132,379	-1,872	130,507	3097	133,604
	Foreign National Direct Hire	5,438	219	5,657	-82	5,575
	Total Direct Hire	137,817	-1,653	136,164	3015	139,179
	Foreign National Indirect Hire	8,337	-204	8,133	531	8,664
	Total	146,154	-1,857	144,297	3546	147,843