

# FY 2011 President's Budget Highlights

Assistant Secretary of the Army for Financial Management and Comptroller

February 2010



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he United States Army remains the best led, best trained, and best equipped ground force in the world, even with the demands of more than eight years of continuous war. Repeated, lengthy deployments have stressed our Soldiers, their Families, and our support systems and equipment — resulting in a force that is out of balance. The demand for Army forces and current operational requirements limit our ability to prepare for the full range of potential military missions.

For FY 2011, the Army continues its focus on restoring balance to the force while also setting conditions for the future. Our future readiness depends on continued modernization, adaptive



Crossing the Euphrates River in Iraq

institutions, and leader development in support of an expeditionary and campaign capable force. The framework for these efforts centers on four imperatives:

- Sustain Enhancing quality of support for our Soldiers, Families, and civilians to preserve the All-Volunteer Force
- Prepare Readying of Soldiers, units, and equipment to succeed in the current operational environments
- Reset Rebuilding readiness to prepare Soldiers, their Families, and units for future deployments and contingencies
- Transform Continuous, comprehensive evolution of Army capabilities over time to meet current and future strategic demands

The Army continues to serve the needs of our Nation in a global security environment that is increasingly unpredictable. We are fighting wars in Iraq and Afghanistan while preparing for future challenges to our national security and vital national interests. The FY 2011 base budget and overseas contingency operations requests will provide the resources necessary to sustain the force, ensure deployment readiness, reset the force, and transform the Army to ensure a dominant and adaptive force in support of combatant commanders and the Nation.



# **Budget Overview**

THE FY 2011 BASE BUDGET SUPPORTS THE ARMY IN AN ERA OF PERSISTENT CONFLICT WHILE RESTORING BALANCE, MODERNIZING THE FORCE, AND PREPARING FOR THE FUTURE

#### The FY 2011 Budget Priorities Are:

- Care for Soldiers, Families, and Civilians
- Sustain the quality of our All-Volunteer Force
- Train and equip Soldiers and units to maintain a high level of readiness for current and future operations
- Reset our Soldiers, units, equipment and Families to a readiness level for future deployment and other contingencies
- Transform the Army to provide dominant, strategically responsive forces for the Combatant Commander
- Modernize the Force to meet the evolving challenges of the 21st century

#### The FY 2011 Budget Provides For:

- Active Army end strength of 547,400
- Army National Guard end strength of 358,200
- Army Reserve end strength of 205,000
- Military pay raise of 1.4%
- Basic allowance for housing increase of 3.9%
- Subsistence increase of 3.4%
- Civilian pay raise of 1.4%
- Quality of Life services for Soldiers and Families
- Training and sustainment of Army forces
- Brigade Combat Team Modernization
- Facilities to support growth and re-stationing of Army Forces

# The Total Army







# **Total Army Components**

The components of the Army — Active, Reserve, and Civilian — are the Strength of the Nation.

- The Active Component (547,400 Soldiers) comprises 49% of the Total Army's military force and provides forces capable of responding quickly across the spectrum of conflict. It represents the Nation's dominant landpower response against threats to our way of life.
- The Reserve Component (563,200 Soldiers)—Army National Guard and Army Reserve—comprises 51% of the Total Army's military force. It fulfills a vital national defense and homeland civil support role. Its forces provide operational flexibility to the Active Component in responding to national security threats.
- The Civilian Component (258,332 full-time equivalents) serves the Nation by providing expertise and continuity at home and abroad.



# Army Total Obligation Authority

#### DEPARTMENT OF THE ARMY TOA (\$M)

	FY 10	FY 11
Appropriation	Base	Base
	Enacted	Request
Military Personnel	52,857	53,994
Military Personnel, Army	41,006	41,972
Military Personnel, Army Reserve	4,305	4,397
Military Personnel, Army National Guard	7,547	7,624
Medicare-Eligible Retiree Health Care Fund	5,035	5,057
Medicare-Eligible Retiree Health Care Fund, Army	3,124	3,079
Medicare-Eligible Retiree Health Care Fund, Army Reserve	694	716
Medicare-Eligible Retiree Health Care Fund, Army National Guard	1,217	1,262
Operation and Maintenance	39,695	43,424
Operation and Maintenance, Army	30,896	33,972
Operation and Maintenance, Army Reserve	2,614	2,879
Operation and Maintenance, Army National Guard	6,185	6,573
Environmental Restoration	423	445
Procurement	19,260	21,333
Aircraft	5,078	5,977
Missiles	1,247	1,887
Weapons and Tracked Combat Vehicles	2,329	1,724
Ammunition	2,050	1,979
Other Procurement	8,556	9,766
Research, Development, Test, and Evaluation	11,415	10,333
Military Construction	4,503	5,271
Military Construction, Army	3,489	4,079
Military Construction, Army Reserve	582	874
Military Construction, Army National Guard	432	318
Army Family Housing	797	610
Operation	524	518
Construction	273	92
Base Realignment and Closure/HAP*	5,068	1,103
Chemical Demilitarization	1,712	1,592
Army Working Capital Fund	38	55
Joint Improvised Explosive Device Defeat Fund	122	216
Totals	140,924	143,432

<sup>\*</sup> FY10 Enacted includes \$549M Homeowners Assistance Program funding from Recovery Act. Numbers may not add due to rounding.





Civilian full time equivalents (FTE) represent the Department's civilian workforce necessary to accomplish the multitude of world-wide defense missions in support of the military force. The following initiatives support the Army's FY 2011 Human Capital Strategy and represent the majority of the increases (net of 7,900 FTEs):

- Insourcing of inherently governmental functions is part of the Total Force Management Strategy. FY 2011 Insourcing target is 7,245 FTEs.
- ❖ Defense Health Program workload increases +2,501 FTEs.
- Acquisition Workforce +627 FTEs.
- Special Operations Forces and Counterdrug +329 FTEs.
- Military Technicians +448 FTEs.

Increases are offset by reductions for: Joint Basing (-1,690), Base Realignment and Closure and Global Defense Posture Realignment (-1,658), and the transfer of appropriated fund to non-appropriated fund positions (-133).

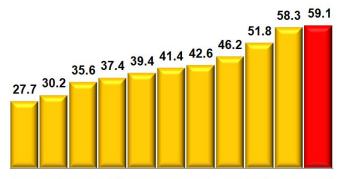
A 1.4% base civilian pay increase is budgeted for FY 2011.

#### CIVILIAN PERSONNEL FULL TIME EQUIVALENTS

Appropriation	FY10	FY11
Operation and Maintenance	196,448	205,426
Active Army	155,524	163,639
Army Reserve	11,868	12,008
Army National Guard	29,056	29,779
Research, Development, Test, and Evaluation	17,454	18,248
Military Construction, Army	5,941	6,007
Army Family Housing	792	704
Army Working Capital Fund	29,824	27,947
Totals	250,459	258,332

#### People: Our Most Valuable Resource

#### **Budget Request (\$B)**



FY01 FY02 FY03 FY04 FY05 FY06 FY07 FY08 FY09 FY10 FY11

#### The FY 2011 Budget Request

- Emphasizes manning the force, taking care of Soldiers and Families, and sustaining the quality of Army personnel.
- Funds permanent Active Component end strength at 547,400; Army Reserve end strength of 205,000; and National Guard end strength of 358,200.
- Provides a 1.4% military basic pay raise, a 3.9% basic allowance for housing increase, and a 3.4% basic allowance for subsistence increase.
- Continues to offset out-of-pocket housing expenses for Soldiers and Families residing off post.
- Supports the Residential Communities Initiative program which provides quality, sustainable residential communities for Soldiers and their Families.
- Funds Defense Personnel Property Program, which provides Soldiers full replacement value for household goods losses incident to permanent change of station moves.

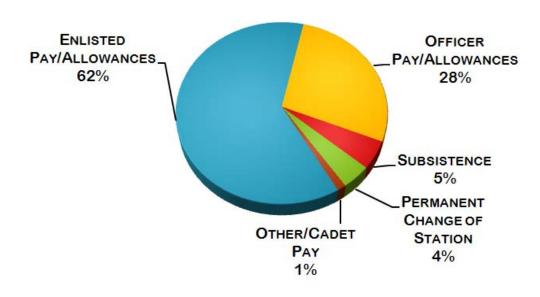








#### **Active Army**



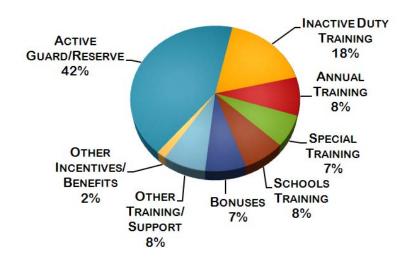
The Military Personnel, Army, budget sustains the All-Volunteer Force by providing Active Component basic and special pays, retired pay accrual, allowances for subsistence (rations) and housing, recruiting and retention incentives, permanent change of station moves, death gratuities, unemployment compensation benefits, and ROTC and West Point cadet stipends. This budget provides funds to help meet Army manning goals by providing the right number of high quality Soldiers in the appropriate grades and skills to satisfy force structure requirements.

#### MILITARY PERSONNEL, ARMY TOA (\$M)

	FY10	FY11
Category	Base	Base
	Enacted	Request
Officer Personnel Pay and Allowances	11,193	11,574
Enlisted Personnel Pay and Allowances	25,892	25,967
Subsistence of Enlisted Personnel	2,069	2,113
Permanent Change of Station	1,654	1,777
Other Personnel Costs	532	466
Cadet Pay and Allowances	73	75
Totals	41,413	41,972
Medicare-Eligible Retiree Health Care Fund	3,124	3,079

FY10 Base Enacted amount includes Congressionally-directed move of \$407M from Base to OCO.

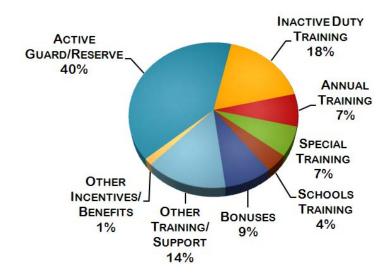
#### **Army National Guard**



The National Guard Personnel, Army, budget includes funding for basic and incentive pay, retired pay accrual, basic allowances for subsistence and housing, payments for clothing, education benefits, travel and per diem, bonuses, and incentives for Army National Guard Soldiers. It also funds pay and allowances for the Active Guard and Reserve Program (duty status similar to that of Active Component Soldier) to enhance readiness of National Guard units. The budget supports statutory training for Army National Guard Soldiers and units.

National Guard Personnel,	ARMY TOA (\$M)	
	FY10	FY11
Category	Base	Base
	Enacted	Request
Active Guard/Reserve	3,222	3,234
Inactive Duty Training	1,275	1,360
Annual Training	759	651
Special Training	497	535
Schools Training	552	578
Bonuses	549	555
Other Training/Support	531	582
Other Incentives/Benefits	162	129
Totals	7,547	7,624
Medicare Eligible Retiree Health Care Fund	1,217	1,262

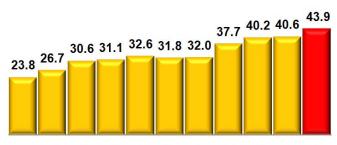
#### **Army Reserve**



The Reserve Personnel, Army, budget supports training that promotes Army Reserve collective and individual readiness. The budget funds pay and allowances for full-time support Active Guard and Reserve and part-time Reserve Soldiers performing duty in several training categories including Inactive Duty Training (Drills), Annual Training, and Active Duty for Training. Other incentives and benefits include retirement bonus, death gratuities, disability and hospitalization, and education benefits.

RESERVE PERSONNEL, ARMY TO	OA (\$M)	
Category	FY10 Base	FY11 Base
	Enacted	Request
Active Guard/Reserve	1,724	1,747
Inactive Duty Training	797	782
Annual Training	319	319
Special Training	252	293
Schools Training	188	177
Bonuses	370	375
Other Training/Support	579	638
Other Incentives/Benefits	76	66
Totals	4,305	4,397
Medicare Eligible Retiree Health Care Fund	694	716

#### **Budget Request (\$B)**



FY01 FY02 FY03 FY04 FY05 FY06 FY07 FY08 FY09 FY10 FY11

#### The FY 2011 Budget Request Supports

- Recruiting and training the All-Volunteer Force
- Sustaining the Force
  - Army Family Covenant
  - Comprehensive Soldier Fitness Program
  - Warfighter and Family Services
- Force structure defined by brigade combat teams, multi-functional support brigades, and functional support brigades
- Readiness
  - Individual Skills and Leader Training
  - Combined Arms Training toward full spectrum operations
  - Adaptable, phased training based on Army Force Generation demands
- Administration and Servicewide Activities
  - Information, Security, and Personnel Systems Support
  - Financial Improvement and Audit Readiness
- Facilities, Infrastructure, and Environmental Restoration
  - Quality of Life
  - Base Realignment and Closure

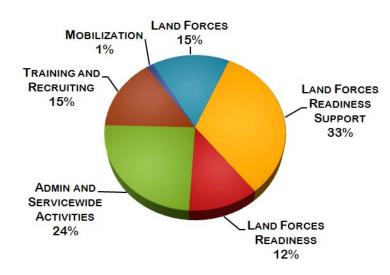








#### **Active Army**

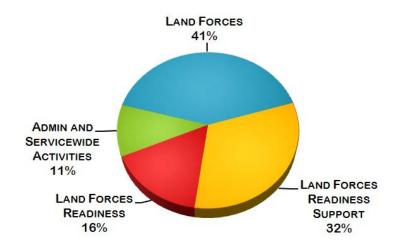


The Army Operation and Maintenance budget provides funds to restore balance and support a versatile mix of tailorable and networked organizations operating on a rotational cycle. Funding supports readiness, recruitment, and sustainment of the Force through adaptive individual and leader training, Family programs, and emerging initiatives. Family programs include initiatives such as Comprehensive Soldier Fitness (CSF) to mitigate stress and build resiliency into the force. Supporting the overall mission are increases to Administration and Servicewide programs, which provide increased capabilities through key information, security, and personnel systems as well as improved financial and audit readiness.

OPERATION AND MAINTENANCE, ARMY TOA (\$M)
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	FY10	FY11
Category	Base	Base
	Enacted	Request
Operating Forces	18,470	20,161
Land Forces	4,452	5,067
Land Forces Readiness	3,362	4,007
Land Forces Readiness Support	10,656	11,087
Mobilization	321	441
Training and Recruiting	4,793	5,069
Accession Training	706	747
Basic Skill and Advanced Training	2,804	2,987
Recruiting/Other Training and Education	1,283	1,335
Admin and Servicewide Activities	7,312	8,301
Security Programs	1,015	1,030
Logistics Operations	2,074	2,197
Servicewide Support	3,779	4,592
Support of Other Nations	444	482
Totals	30,896	33,972

#### **Army National Guard**

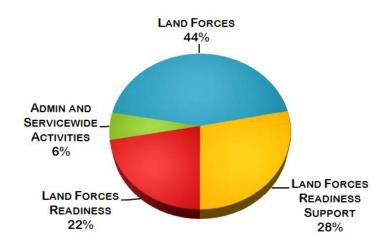


The Army National Guard Operation and Maintenance budget provides funding for day-to-day operations, readiness, administration, logistics, communications, and recruiting activities of Army National Guard units across the nation. It also provides funding for transforming the National Guard structure to a more flexible brigade-centric and modular force designed to enhance National Guard capabilities to respond to current and future operational mission requirements. Funding for Weapons of Mass Destruction-Civil Support Teams is also provided for in this budget.

#### OPERATION AND MAINTENANCE, NATIONAL GUARD TOA (\$M)

	FY10	FY11
Category	Base	Base
	Enacted	Request
Operating Forces	5,568	5,875
Land Forces	2,696	2,706
Land Forces Readiness	926	1,073
Land Forces Readiness Support	1,946	2,096
Admin and Servicewide Activities	617	698
Recruiting and Advertising	441	440
Administration	120	184
Servicewide Communications	48	48
Servicewide Transportation		18
Manpower Management	8	8
Totals	6,185	6,573

#### **Army Reserve**



The Army Reserve Operation and Maintenance budget funds operational, logistical, administrative, maintenance, and management support for the Army Reserve. Additionally, the budget provides for installation management, maintenance of real property, records management, and personnel support to retirees, veterans and their Families. The FY 2011 budget continues the Army's plan to transform the Army Reserve from a strategic reserve to an operational force of skill-rich capabilities. The budget supports the rebalance of Army Reserve force structure to meet the Army's Combat Support and Combat Service Support rotational demands.

#### OPERATION AND MAINTENANCE, ARMY RESERVE TOA (\$M)

	FY10	FY11
Category	Base	Base
	Enacted	Request
Operating Forces	2,458	2,717
Land Forces	1,210	1,269
Land Forces Readiness	515	636
Land Forces Readiness Support	733	812
Admin and Servicewide Activities	156	162
Totals	2,614	2,879

# Research, Development and Acquisition



## Overview

Against a background of persistent conflict, the Army seeks to strike a balance between investing in the future force while sustaining and enhancing the capabilities of the current force engaged in the war fight. Our foremost focus is enhancing our Soldiers' capabilities to safely and successfully engage in the current fight, yet we remain committed to the future force as reflected below in the research, development, and acquisition highlights for FY 2011:

- Invests \$3,185 million in the Brigade Combat Team (BCT) Modernization program. Begins procurement (\$683 million) of Unattended Ground Sensors, Unmanned Aerial Vehicles, Non-Line of Sight Launch System, Unmanned Ground Vehicles and the BCT Network.
- Request of \$947 million includes \$480 million in procurement funding for 78 PAC-3 missiles and \$467 million in RDTE funding for development of Patriot/ Medium Extended Air Defense System/Combined Aggregate Program. Both systems will provide enhanced protection for joint and coalition forces critical assets against simultaneous attacks by a multitude of threats.
- Procures UH-60M Black Hawk Helicopters (\$1,351 million for 72 helicopters), a strong step in modernizing the utility helicopter fleet. Provides a digitized cockpit, new engine for improved lift and range, and wide-chord rotor blades.
- Procures and upgrades CH-47 Chinook Helicopters (\$1,159 million). Funds 40 aircraft while providing modifications, to include a loading system enabling rapid reconfiguration from cargo to passenger missions.
- Supports procurement (\$421 million) and continued development (\$191 million in RDTE) of the Warfighter Information Network-Tactical (WIN-T). Advances program for WIN-T to become the cornerstone tactical communications system, providing a single integrating framework for the Army's battlefield networks.
- Funds procurement (\$447 million) and advanced component development (\$136 million) of the Stryker Combat Vehicle. Buys 83 vehicles while adding critical force protection enhancements.



# Summary

The FY 2011 procurement request continues to enhance the Army's warfighting and support capabilities with significant investments in Brigade Combat Team (BCT) modernization; aviation; intelligence, surveillance, and reconnaissance; and tactical wheeled vehicle programs.

Brigade Combat Team Modernization is a major element of the FY 2011 procurement program. It continues the Army transformation to more agile modular formations and incorporates lessons learned from operations in Iraq and Afghanistan. Our BCT Modernization program features the spin-out of the first capability set, including Unattended Ground Sensors, Unmanned Ground and Aerial Vehicles, and non-line-of-sight launch systems – all connected by a System of Systems network. It also funds conversion of one Heavy BCT to a Stryker BCT. These efforts support the current needs of our warfighting force while laying the foundation for the force of the future.

Actionable intelligence, surveillance, and reconnaissance capabilities are critical to current operations, and will be enhanced by funding Unmanned Aerial Vehicles (UAV), primarily the MQ-1 Sky Warrior.

Investment in the Army's primary utility, cargo, and attack helicopters – the UH-60 Black Hawk, CH-47 Chinook, and AH-64 Apache – ensures their continued relevance. The request provides funds to begin equipping the Army's 13th Combat Aviation Brigade, and also procures additional light utility helicopters, the UH-72 Lakota.

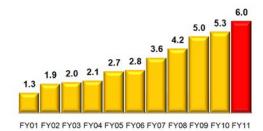
The request funds procurement of a significant number of medium and heavy tactical trucks and trailers – the vehicles that move, supply, and support our combat formations – and will continue our FHTV/FMTV modernization efforts.

The request sustains modernization of air and missile defense (Patriot/Medium Extended Air Defense System) and battle command, control and communications (Warfighter Information Network-Tactical) systems. It also continues modifications of key warfighting platforms, including the M1 Abrams Tank, M2 Bradley Fighting Vehicle, and Stryker.

	FY10	FY11
Appropriation	Base	Base
., .	Enacted	Request
Aircraft	5,078	5,977
Missiles	1,247	1,887
Weapons and Tracked Combat Vehicles	2,329	1,724
Ammunition	2,050	1,979
Other Procurement	8,556	9,766
Totals	19,260	21,333



AH-64 Apache Helicopter



AIRCRAFT TOA (\$M)		
λιποιστί τολι (φπή	FY10	FY11
Category	Base	Base
5 - 1.1.2 <b>3</b> - 1.3	Enacted	Request
Aircraft	3,093	3,932
UH-60 Black Hawk Helicopter (Multi-year Procurement)	1,255	1,251
UH-60 Black Hawk Helicopter Advanced Procurement	99	101
CH-47 Chinook Cargo Helicopter (Multi-year Procurement)	879	1,101
CH-47 Chinook Cargo Helicopter Advanced Procurement	51	58
AH-64 Apache Helicopter Block III Advanced Procurement	58	161
AH-64 Apache Helicopter Block III	161	333
Light Utility Helicopter	325	305
New Training Helicopter		9
MQ-1 Sky Warrior	230	459
Brigade Combat Team Unmanned Aerial Vehicle-Incr 1		44
RQ-11 Raven	35	20
Aerial Common Sensor		90
Modifications	1,527	1,619
RQ-7 Unmanned Aerial Vehicle	282	505
Payloads	87	100
Weaponization-Unmanned Aerial Systems	15	15
CH-47 Chinook Cargo Helicopter (Multi-year Procurement)	87	66
AH-64 Apache Helicopter	428	394
Kiowa Warrior Helicopter	80	94
Utility Helicopter	89	63
Utility/Cargo Airplane	39	14
Global Air Traffic Management Roll-up	103	101
Airborne Avionics	234	219
Guardrail	61	30
Multi-Sensor Airborne Reconnaissance	21	17
Aircraft Long Range	1	1
Spares	7	7
Support Equipment and Facilities	451	419
Aircraft Survivability Equipment	26	24
Aircraft Survivability Equipment IR Countermeasures	185	174
Air Traffic Control	77	83
Common Ground Equipment	88	76
Aircrew Integrated Systems	54	52
Avionics Support Equipment	5	5
Launcher, 2.75 Rocket	3	3
Industrial Facilities	2	2
Airborne Communications	11	
Totals	5,078	5,977



Javelin Missile



# MISSILES TOA (\$M)

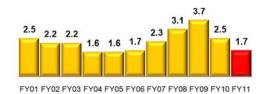
	FY10	FY11
Category	Base	Base
	Enacted	Request
Other Missiles	1,121	1,741
Patriot (Patriot Advanced Capability-3)	341	480
Javelin Missile	148	164
Guided Multiple Launch Rocket System Rockets	293	291
High Mobility Artillery Rocket System	208	212
Tube-Launched, Optically Tracked, Wire-Guided (TOW) 2 System	108	79
Hellfire Missile	7	32
Surface Launched AMRAAM System		117
BCT Non Line of Sight Launch System		350
Multiple Launch Rocket System Practice Rockets	16	16
Modification of Missiles	94	117
Patriot	45	57
Improved Target Acquisition System for TOW	7	13
Multiple Launch Rocket System	4	8
High Mobility Artillery Rocket System	38	39
Spares and Repair Parts	22	20
Support Equipment and Facilities	10	9
Totals	1,247	1,887

# Weapons and Tracked Combat Vehicles



M-1 Abrams Tank

#### Budget Request (\$B)



## WEAPONS AND TRACKED COMBAT VEHICLES TOA (\$M)

	FY10	FY11
Category	Base	Base
<b>5</b> ,	Enacted	Request
Tracked Combat Vehicles	690	300
Stryker	363	300
Spin Outs	327	
Modifications: Tracked Combat Vehicles	1,162	1,113
Abrams Upgrade Program	185	183
M1 Abrams Tank	183	231
Stryker		147
Bradley Program	525	215
Improved Recovery Vehicle	97	70
Joint Assault Bridge	70	44
Armored Breacher Vehicle	63	78
Fire Support Vehicle	34	31
M88 Family of Vehicles		9
M109A6 Howitzer, Paladin	5	105
Weapons and Other Combat Vehicles	330	206
M4 Carbine	21	20
M119 Howitzer, Light, Towed, 105mm	95	6
Howitzer, Lightweight, 155mm	49	
M2 Machine Gun, Cal .50, Roll	84	80
M240 Medium Machine Gun, 7.62mm	24	28
M320 Grenade Launcher Module	16	16
M249 Squad Automatic Weapon, 5.56mm	8	
MK-19 Grenade Machine Gun, 40mm	8	5
Mortar Systems	15	17
Shotgun, Modular Accessory System		7
M110 Semi-Automatic Sniper System	6	5
Future Handgun System	3	3
Lightweight .50 cal Machine Gun	1	19
Modifications: Weapons and Other Combat Vehicles	111	89
Support Equipment and Facilities	36	16
Totals	2,329	1,724



M-240 Machine Gun Ammunition



# AMMUNITION TOA (\$M)

	FY10	FY11
Category	Base	Base
	Enacted	Request
Small and Medium Caliber	739	720
Artillery	242	221
Mortars	164	135
Rockets	142	165
Tank	121	123
Artillery Fuzes	20	25
Mines/Countermine	76	72
Production Base Improvements	180	166
Ammunition Demilitarization	145	178
Miscellaneous	69	62
Other	152	112
Totals	2,050	1,979

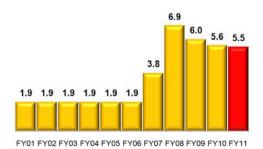
# Other Procurement

Tactical and Support Vehicles/ Other Support Equipment (OPA 1/3)



Medium Tactical Trucks

#### **Budget Request (\$B)**



## OTHER PROCUREMENT TOA (\$M)

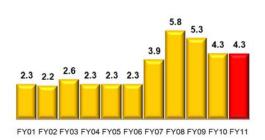
	FY10	FY11
Category	Base	Base
	Enacted	Request
Tactical and Support Vehicles	2,229	2,585
High Mobility Multi-purpose Wheeled Vehicle	281	
HMMWV Recapitalization Program	3	
Family of Medium Tactical Vehicles	496	918
Family of Heavy Tactical Vehicles	611	550
Armored Security Vehicles	136	114
Modification of In-Service Equipment	2	349
All Other Vehicles and Trailers	695	629
Non-Tactical Vehicles	5	25
Other Support Equipment	2,368	2,924
Training Equipment	417	417
Construction Equipment	266	327
Bridging Equipment	188	168
Generators	150	114
Combat Service Support Equipment	194	376
Rail Float Containerization Equipment	221	249
Engineer Equipment (Non-Construction)	152	136
Material Handling Equipment	86	60
Test Measurement and Diagnostic Equipment	133	162
Smoke/Obscurants Systems	117	193
Petroleum Equipment	84	175
Medical Equipment	37	30
Maintenance Equipment	140	163
Water Equipment	7	4
Other Support Equipment	176	350
Totals	4,597	5,509

# Other Procurement

Communication-Electronic/ Initial Spares

(OPA 2/4)

## Budget Request (\$B)





Warfighter Information Network-Tactical

# OTHER PROCUREMENT TOA (\$M)

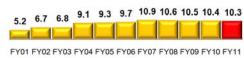
	FY10	FY11
Category	Base	Base
	Enacted	Request
Communications	1,611	1,490
Base Communications	397	397
Satellite Communications	384	180
Joint Communications	559	438
Combat Communications	126	324
Information Security	63	89
Long Haul Communications	58	40
Command, Control Communications	23	20
Intel Communications	1	2
Electronic Equipment	2,313	2,728
Tactical Surveillance	1,230	1,147
Tactical Command and Control	483	604
Tactical Intelligence and Related Activities	214	284
Automation	340	417
Electronic Warfare	37	92
Audio-Visual Systems	8	7
Support	1	177
Spares and Repair Parts	35	39
Totals	3,959	4,257

# Research, Development, Test, & Evaluation



#### Small Unmanned Ground Vehicle

#### **Budget Request (\$B)**



# Summary

The FY 2011 RDTE budget supports continuing focus on the current force while pursuing long-term objectives, exploration and research. The Army continues development and modernization of its ground combat equipment and support systems. After an analysis of manned ground vehicle (MGV) concepts and a re-evaluation of MGV requirements, the Army will commence the initial development effort of the Ground Combat Vehicle (\$934M) in FY 2011. The Army will also develop capability sets for Unmanned Common Mobility platform, Armed Robotic Vehicle, Common Controller, and Network Integration Kits, as part of the Brigade Combat Team Modernization, Increment Two.

The Army continues its program strategy in Science and Technology of pursuing technologies that enable the future force, while seizing opportunities to enhance the current force. The Army has dedicated \$1,945M to these efforts in FY 2011 with modest increases for the development of force protection technologies, in-house/laboratory/university basic research, infrared focal plane arrays, and armor materials.

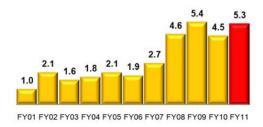
The request also supports continuing development and demonstration activities for: Patriot/ Medium Extended Air Defense System; Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System; Warfighter Information Network – Tactical; Sky Warrior, Raven, and Shadow Unmanned Aerial Vehicles; and the Extended Medium Altitude Reconnaissance and Surveillance System.

#### RESEARCH, DEVELOPMENT, TEST, AND EVALUATION TOA (\$M)

	FY10	FY11
Category	Base	Base
	Enacted	Request
Basic Research	432	407
Applied Research	1,337	841
Advanced Technology Development	1,374	697
Advanced Component Development and Prototypes	932	746
System Development and Demonstration	4,374	5,022
Management Support	1,197	1,142
Operational Systems Development	1,769	1,478
Totals	11,415	10,333



Barracks at Fort McPherson, GA



The Military Construction budget continues to support facilities improvements across the Army, with focus on facilities in support of the Army's transformation to a brigade centric, modular force, the growth of the Army, and whole barracks renewal. It also supports readiness by recapitalizing aging military facilities, providing facilities for training and deployment, revitalizing infrastructure, and providing Reserve Component readiness facilities. The Military Construction budget integrates Base Realignment and Closure, Global Defense Posture Realignment, and Army Transformation into a fully synchronized program.

#### MILITARY CONSTRUCTION TOA (\$M) FY10 FY11 **Military Construction** Base Base **Enacted** Request Active Army 3,489 4,079 **Army National Guard** 874 582 432 318 **Army Reserve Totals** 4,503 5,271

# Military Construction

## MILITARY CONSTRUCTION, ARMY TOA (\$M)

	FY10	FY11
Category	Base	Base
	Enacted	Request
Grow the Army Military Construction	651	698
Replace Aging Facilities	987	845
Modularity	364	1,268
Planning and Design	227	249
Minor Construction	25	23
Barracks Initiative	655	749
Global Defense Posture	279	189
Improve Quality of Life	14	51
Other	287	6
Totals	3,489	4,078

## MILITARY CONSTRUCTION, ARMY NATIONAL GUARD TOA (\$M)

	FY10	FY11
Category	Base	Base
	Enacted	Request
Grow the Army Military Construction	91	86
Replace Aging Facilities	246	374
Modularity	98	299
Planning and Design	47	26
Minor Construction	30	11
Barracks Initiative	2	55
New Mission		23
Other	68	
Totals	582	874

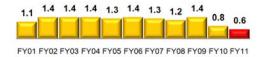
## MILITARY CONSTRUCTION, ARMY RESERVE TOA (\$M)

	FY10	FY11
Category	Base	Base
	Enacted	Request
Grow the Army Military Construction	304	212
Replace Aging Facilities	45	77
Planning and Design	23	26
Minor Construction	4	3
Other	56	
Totals	432	318



#### Fort Sam Houston, TX

#### Budget Request (\$B)



By the end of FY 2010 the Army will have privatized housing at all 44 installations planned for privatization. FY 2011 marks the first full year of privatization operations at these installations. This budget request includes follow-on funding for Phase II construction at previously privatized Carlisle Barracks (56 units) and Fort Eustis (125 units), which completes the Army's currently planned privatization efforts. It also includes funding for 64 new housing units at USAG Baumholder, Germany.

In FY 2007, the new construction contract for the replacement of 110 family housing units at Fort Wainwright was closed-out due to environmental issues that included subsurface contamination and substantial debris. Since then, the environmental issues have been corrected and the construction of the 110 units completed. The utilities and site work that were part of the scope of the original contract could not be completed. The FY 2011 Family housing budget completes the infrastructure upgrades, utilities and supporting site work for the 110 Family housing units at Fort Wainwright, which will allow these units to be accepted by the privatization partner at the installation.

#### ARMY FAMILY HOUSING TOA (\$M)

	FY10	FY11
Categories	Base	Base
	Enacted	Request
Construction	273	92
New/Replacement Construction	50	55
Improvement	219	35
Planning and Design	4	2
Operations	524	518
Operation and Utilities	170	167
Maintenance	116	123
Leasing	206	201
Privatization	32	27
Totals	797	610



Schofield Barracks, HI

# ARMY FAMILY HOUSING NEW CONSTRUCTION

FY11		Units
USAG Baumholder	Germany	64
Wiesbaden second/final in	crement of FY 2009 authorized projects.	

# ARMY FAMILY HOUSING PRIVATIZATION RESIDENTIAL COMMUNITIES INITIATIVE

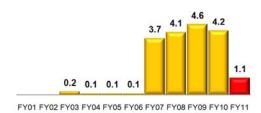
FY11		Units
Carlisle Barracks Phase II	Pennsylvania	56
Fort Eustis Phase II	Virginia	125
To	otal	181

# Base Realignment and Closure



New hospital at Fort Belvoir, VA

#### **Budget Request (\$B)**



The FY 2011 Base Realignment and Closure (BRAC) 2005 request funds all actions required by applicable law, including movement of personnel and equipment to gaining installations, procurement of furnishings and information technology equipment for BRAC construction projects awarded in FY 2006-2010, and ongoing environmental actions at closing installations. There are no new BRAC-related construction projects in the FY 2011 budget request.

#### BASE REALIGNMENT AND CLOSURE TOA (\$M)

	FY10	FY11
Category	Base	Base
	Enacted	Request
Base Realignment and Closure	4,196	1,086

# Department of the Army

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Overseas Contingency Operations (OCO)

FY 2010 Supplemental Request

FY 2011 Request

# FY 2010 Overseas Contingency Operations

The Army FY 2010 Supplemental Request of approximately \$20 billion is required to support the President's decision to increase U.S. military presence in Afghanistan. The

request includes \$4 billion for appropriations for which Army is the executive agent: the Afghanistan Security Forces Fund, Iraq Security Forces Fund, and Joint Improvised Explosive Device Defeat Fund.

Army deployed force structure in Afghanistan will increase by approximately 23,000 over the course of FY 2010 as the Army adds three brigade combat teams, one combat aviation brigade, and additional support troops.



As these new forces implement the counterinsurgency strategy across a larger geographical area with no existing infrastructure, there are significant costs associated with establishing new base camps and providing base camp services, transportation, communications, and intelligence support.

# DEPARTMENT OF THE ARMY TOA (\$M) FY 2010 OVERSEAS CONTINGENCY OPERATIONS

	FY10	FY10	FY10
Appropriation	oco	oco	oco
	Enacted	Request	Total
Military Personnel	11,077	1,671	12,748
Military Personnel, Army	9,959	1,616	11,575
Military Personnel, Army Reserve	293	22	315
Military Personnel, Army National Guard	825	33	858
Operation and Maintenance	48,347	11,807	60,154
Operation and Maintenance, Army	47,821	11,568	59,389
Operation and Maintenance, Army Reserve	204	67	272
Operation and Maintenance, Army National Guard	322	172	493
Procurement	9,050	2,200	11,250
Aircraft	1,238	182	1,420
Missiles	476		476
Weapons and Tracked Combat Vehicles	1,169	3	1,172
Ammunition	366	17	383
Other Procurement	5,801	1,998	7,798
Research, Development, Test, and Evaluation	58	62	120
Military Construction, Army	924	242	1,167
Army Working Capital Fund		9	9
Afghanistan Security Forces Fund	6,563	2,604	9,167
Iraq Security Forces Fund		1,000	1,000
Joint Improvised Explosive Device Defeat Fund	1,762	400	2,162
Pakistan Counterinsurgency Capability Fund	700		700
Totals	78,481	19,995	98,476

Numbers may not add due to rounding.

# FY 2011 Overseas Contingency Operations

The Army FY 2011 Overseas Contingency Operations request of \$102.2 billion provides for continued military operations and force protection in support of Operations Iraqi Freedom and Enduring Freedom as well as the costs to Reset the force. It includes \$16.9 billion in appropriations for which Army is the executive agent: the Afghanistan Security Forces Fund, Iraq Security Forces Fund, and Joint Improvised Explosive Device Defeat Fund.

Army deployed force structure will average 130,000 over FY 2011, reflecting a major increased presence in Afghanistan and the continuation of force withdrawals from Iraq. Decisions on the timing and specific units to redeploy will be made and announced by the U.S. Central Command and U.S. Forces-Iraq commanders.



# DEPARTMENT OF THE ARMY TOA (\$M) FY 2011 OVERSEAS CONTINGENCY OPERATIONS

	FY10	FY11
Appropriation	oco	oco
	Total	Request
Military Personnel	12,748	11,892
Military Personnel, Army	11,575	10,678
Military Personnel, Army Reserve	315	268
Military Personnel, Army National Guard	858	828
Medicare-Eligible Retiree Health Care Fund, Army		117
Operation and Maintenance	60,154	63,434
Operation and Maintenance, Army	59,389	62,603
Operation and Maintenance, Army Reserve	272	287
Operation and Maintenance, Army National Guard	493	544
Procurement	11,250	8,935
Aircraft	1,420	1,374
Missiles	476	344
Weapons and Tracked Combat Vehicles	1,172	688
Ammunition	383	703
Other Procurement	7,798	5,827
Research, Development, Test, and Evaluation	120	151
Military Construction, Army	1,167	930
Army Working Capital Fund	9	
Afghanistan Security Forces Fund	9,167	11,619
Iraq Security Forces Fund	1,000	2,000
Joint Improvised Explosive Device Defeat Fund	2,162	3,250
Pakistan Counterinsurgency Capability Fund	700	*
	98,476	102,211

<sup>\*</sup> Department of State requested in FY 2011.

Numbers may not add due to rounding.

The OCO request for the Military Personnel, Army appropriation supports total base pay and allowances for an average 81,500 mobilized Reserve Component personnel (28,700 U.S. Army Reserve and 52,800 Army National Guard), special pays for all deployed Army forces, and subsistence-in-kind for deployed personnel. In addition, the request supports a 22,000 temporary end strength increase in the Active Component. The temporary growth will improve the manning of deploying and other priority units and reduce personnel turbulence.

The requests for the Reserve Component pay appropriations provide primarily for premobilization training and support. The additional training days allow Army Reserve and Army National Guard personnel to become certified on the majority of required pre-deployment skills before they are mobilized, which maximizes the time they may be deployed — "boots on the ground" — within a 12-month mobilization period.

#### MILITARY PERSONNEL, ARMY TOA (\$M)

	FY10	FY10	FY11
Category	OCO	oco	oco
	Enacted	Request	Request
Officer Personnel Pay and Allowances	2,044	391	2,260
Enlisted Personnel Pay and Allowances	4,805	1,042	5,572
Subsistence of Enlisted Personnel	2,177	75	2,200
Permanent Change of Station	151	7	198
Other Personnel Costs	375	101	448
Totals	9,552	1,616	10,678
Medicare-Eligible Retiree Health Care Fund			117
Congressionally-directed shift from Base Budget	407		

#### NATIONAL GUARD PERSONNEL, ARMY TOA (\$M)

	FY10	FY10	FY11
Category	oco	oco	000
	Enacted	Request	Request
Annual Training	463	33	232
Other Training	362		596
Totals	825	33	828

#### RESERVE PERSONNEL, ARMY TOA (\$M)

	FY10	FY10	FY11
Category	oco	oco	OCO
	Enacted	Request	Request
Paid Drill Strength	115	22	104
Other Training	178		164
Totals	293	22	268

The Operation and Maintenance, Army request supports military operations and sustainment for deployed Army forces, base camp and facilities support for all deployed U.S. forces, force protection, intelligence activities, and transportation to and from theater. It also provides for deployment support at Army mobilization stations and power projection sites, and post-deployment Reset maintenance and repair.

The Reserve Component requests provide primarily for pre-mobilization training and support, and medical readiness programs.

	FY10	FY10	FY11
Category	OCO	oco	OCO
	Enacted	Request	Request
Operating Forces	41,349	10,994	55,765
Land Forces			
Land Forces Readiness			
Land Forces Readiness Support			55,765
Training and Recruiting		18	
Admin and Servicewide Activities	6,472	556	6,838
Security Programs			2,359
Logistics Operations			4,479
Totals	47,821	11,568	62,603

## OPERATION AND MAINTENANCE, NATIONAL GUARD TOA (\$M)

	FY10	FY10	FY11
Category	OCO	oco	oco
	Enacted	Request	Request
Operating Forces	322	172	544
Land Forces Readiness Support			544
Totals	322	172	544

#### OPERATION AND MAINTENANCE, ARMY RESERVE TOA (\$M)

	FY10	FY10	FY11
Category	OCO	OCO	oco
	Enacted	Request	Request
Operating Forces	204	67	287
Land Forces Readiness Support			287
Totals	204	67	287

# Research, Development and Acquisition

The Research, Development, and Acquisition request of \$9.1 billion funds critical force protection, intelligence, munitions, and equipment Reset requirements while supporting the increased mission in Afghanistan. Major components include:

- Force Protection (non-intelligence related): \$3.9 billion includes aircraft survivability equipment, electronic countermeasures to improvised explosive devices, various Stryker Combat Vehicle protection kits, and other force protection enhancements.
- Reset: \$3.0 billion to procure replacements for battle losses and washed out equipment, and recapitalization of equipment to higher standards, as needed.
- ❖ Intelligence Programs: \$1.1 billion for equipment associated with surveillance and reconnaissance such as the new and modified aircraft supporting the Extended Medium Altitude Reconnaissance and Surveillance System.
- Munitions: \$1.0 billion for replenishment of various caliber ammunition, mortars, rockets, and Hellfire Missiles.

## RESEARCH, DEVELOPMENT, TEST, AND EVALUATION TOA (\$M)

	FY10	FY10	FY11
Category	oco	oco	oco
	Enacted	Request	Request
Advanced Component Development and			58
Prototypes			36
System Development and Demonstration	19	62	13
Operational Systems Development	39		80
Totals	58	62	151

Procurement	TOA (\$M)		
	FY10	FY10	FY11
Appropriation	OCO	OCO	oco
	Enacted	Request	Request
Aircraft	1,238	182	1,374
Missiles	476		344
Weapons and Tracked Combat Vehicles	1,169	3	688
Ammunition	366	17	703
Other Procurement	5,801	1,998	5,827
Totals	9,050	2,200	8,935



UH-60 Black Hawk Helicopter

# AIRCRAFT TOA (\$M)

	FY10	FY10	FY11
Category	oco	oco	oco
3 ,	Enacted	Request	Request
Aircraft	403	142	254
UH-60 Black Hawk Helicopter (MYP)	37	42	41
CH-47 Chinook Helicopter	71	55	71
Raven	45		17
C-12 Aircraft		45	78
MQ-1 Sky Warrior UAV	250		47
Modifications	688	40	849
AH-64 Apache Helicopter	161		199
CH-47 Cargo Helicopter			83
C-12 Aircraft		40	122
RQ-7 Unmanned Aerial System			98
MQ-1 Sky Warrior Payloads			4
Airborne Avionics			25
RQ-7 UAV	326		
Multi Sensor Airborne Recon			86
Guardrail	50		30
Utility /Cargo Airplane	3		
ARL	54		
Kiowa Warrior Helicopter	94		187
Utility Helicopter			15
Spares	18		
Support Equipment and Facilities	129		271
Aircraft Survivability Equip IR Countermeasures	99		198
Air Traffic Control			7
Avionics Support Equipment			66
Aviation Ground Support Equipment	24		
Aircrew Integrated Systems	6		
Totals	1,238	182	1,374



TOW Missile System

# MISSILES TOA (\$M)

	FY10	FY10	FY11
Category	oco	oco	oco
	Enacted	Request	Request
Other Missiles	425		303
Javelin Missile	110		
Guided Multiple Launch Rocket System Rockets	61		
TOW Missile System	34		113
Hellfire Missile	220		190
Modification of Missiles	51		41
Multiple Launch Rocket System Mods	19		
Improved Target Acquisition System for TOW			41
High Mobility Artillery Rocket System Mods	32		
Totals	476		344

# AMMUNITION TOA (\$M)

	FY10	FY10	FY11
Category	oco	oco	oco
	Enacted	Request	Request
Small/Medium Caliber Ammo	58	6	268
Mortar Ammo	20		120
Artillery	71	4	90
Artillery Fuzes	8	2	13
Mines	7		
Rockets	170	5	157
Other	32		17
Demililitarization			38
Totals	366	17	703

# Weapons and Tracked Combat Vehicles





Lightweight 155mm Howitzer

Strykei

## WEAPONS AND TRACKED COMBAT VEHICLES TOA (\$M)

	FY10	FY10	FY11
Category	oco	oco	oco
	Enacted	Request	Request
Tracked Combat Vehicles	150		
Stryker	150		
Modifications: Tracked Combat Vehicles	317		445
Bradley Program	243		
Stryker			445
Fire Support Vehicle	36		
M109A6 Howitzer, Paladin	38		
Weapons and Other Combat Vehicles	617		194
Howitzer, Lightweight, 155mm	108		62
XM320 Grenade Launcher Module	14		23
Mortar Systems			9
Common Remotely Operated Weapons Station	495		100
Modifications: Weapons and Other Cbt Vehicles	80	3	49
Support Equipment and Facilities	5		
Totals	1,169	3	688

# Other Procurement

Tactical and Support Vehicles/Other Support Equipment (OPA 1/3)



Tactical Bridge

## OTHER PROCUREMENT TOA (\$M)

	FY10	FY10	FY11
Category	oco	oco	oco
<b>5</b> ,	Enacted	Request	Request
Tactical and Support Vehicles	2,856	249	1,904
High Mobility Multi-purpose Wheeled Vehicle	1,063		
HMMWV Recapitalization Program	•		989
Family of Medium Tactical Vehicles	863		516
Family of Heavy Tactical Vehicles	803	53	189
Armored Security Vehicles	13	12	53
Modification of In-Service Equipment			20
All Other Vehicles and Trailers	114	184	137
Other Support Equipment	763	697	906
Training Equipment	88		36
Construction Equipment	21	26	15
Bridging Equipment	14		3
Generators	62		38
Combat Service Support Equipment	278	171	300
Rail Float Containerization Equipment	4		
Engineer Equipment (Non-Construction)	11	173	191
Material Handling Equipment	104		61
Test Measurement and Diagnostic Equipment	5		1
Smoke/Obscurants Systems	83		6
Petroleum Equipment	59		55
Medical Equipment	11		9
Maintenance Equipment	13		41
Water Equipment	3	4	12
Other Support Equipment	7	323	138
Totals	3,619	947	2,810

## Communication-Electronics/Initial Spares (OPA 2/4)



Counter Rocket Artillery Mortar Radar

# OTHER PROCUREMENT TOA (\$M)

	FY10	FY10	FY11
Category	oco	oco	oco
	Enacted	Request	Request
Communications	791	532	664
Base Communications	558	379	413
Satellite Communications	103	20	76
Joint Communications	14	78	8
Combat Communications	84	6	97
Information Security	32	49	
Long Haul Communications			70
Electronic Equipment	1,391	519	2,353
Tactical Surveillance	653	329	1,199
Tactical Command and Control	174		162
Tactical Intelligence and Related Activities	208	45	274
Automation	7	15	11
Electronic Warfare	349	130	707
Totals	2.182	1.051	3.017



Afghanistan construction project

This request supports various military construction projects to support Operation Enduring Freedom. The requested funds will provide troop housing, force protection measures, airfield facilities, operational facilities, support facilities, fuel handling systems, and military transportation routes in Afghanistan.

	FY10	FY10	FY11
Category	OCO	oco	OCO
	Enacted	Request	Request
Planning and Design	70	7	89
Minor Construction	20	40	78
Other	834	195	762
Totals	925	242	930

#### **PUBLICATION INFORMATION**

This booklet provides the highlights of the Army's Budget submitted to Congress as part of the President's Fiscal Year 2011 Budget.

Number totals on some charts may not add due to rounding.

Questions concerning the source or interpretation of the information in this booklet may be directed to the Army Budget Office (Budget Formulation Division), 703-692-5766 or DSN 222-5766.

This booklet will be available on the Assistant Secretary of the Army (Financial Management and Comptroller) Web site in February 2010, along with all the Army budget materials. Go to the following link and then click on **Budget Materials**:

http://www.asafm.army.mil/budget/fybm/fybm.asp

Photos are courtesy of U.S. Army.

