



# **FY 05 President's Budget Highlights**



**Assistant Secretary of the Army for  
Financial Management and Comptroller  
February 2004**

# The Army Budget

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## FY 2005...

### **The FY 05 Budget continues to support The Army Vision – Current Readiness, People and Future Force.**

Current Readiness: The FY05 budget supports the Army's plans to maintain and strengthen its warfighting readiness with training, mobility and sustainment programs. The budget supports readiness objectives by funding our OPTEMPO program and fully implements the critical requirements of Flight School XXI (FSXXI), a new flight training initiative.

People: The budget provides incentives and initiatives to meet recruiting goals necessary to retain soldiers in the force. The FY05 budget mans the force – end strength of 482,400 Active Component, 350,000 Army National Guard, and 205,000 Army Reserve soldiers. It funds a pay raise of 3.5 percent across-the-board.

Future Force. The budget supports the continuation of the Army's Transformation efforts. The Future Combat Systems (FCS) is one of the key programs for the Army's transformation to the Future Force. The FY05 budget procures funding for combat vehicles for the 5<sup>th</sup> Stryker Brigade Combat Team (SBCT), supports the fielding of the 4<sup>th</sup> SBCT and supports sustainment of the three SBCTs already in the force. The FY05 budget also includes funding for continued development of the Comanche, the recapitalization and upgrade of the UH-60 Black Hawk helicopter, and the Global Combat Support System – Army (GCSS-A).

# Budget Overview

**The FY 05 Budget is another step toward the Future Force while sustaining an Army at war. The FY05 Budget themes are:**

- Provide Ready Land Force Capabilities to Combatant Commanders for The Global War On Terrorism
- Provide Soldiers With the Best Available Capabilities to Conduct Operations
- Take care of Soldiers and their Families and Sustain the Quality of the Force
- Enhance Installations as Power Projections and Support Platforms
- Develop The Future Combat System / Complementary Systems and Sustain Commitment For Six Stryker Brigade Combat Teams

**The FY05 Budget provides for:**

- Continuation of Transformation Momentum
- Active Army End Strength of 482.4K
- Army National Guard End Strength of 350K
- Army Reserve End Strength of 205K
- Across-the-board pay raise of 3.5% for Military
- Pay Raise of 1.5% for Civilians
- OPTEMPO Ground and Flying Hour Program
- Quality of Life Improvements
- Revitalization and Privatization of Family Housing
- Continuation of Chemical Stockpile Disposal



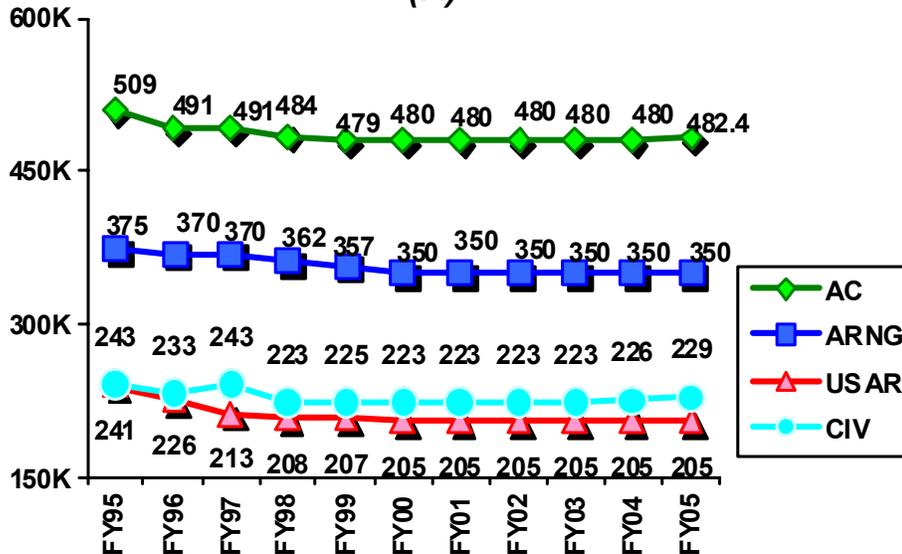


## The Total Army consists of the following Components:

- **Active Component** *Forms the nucleus of the initial forces for combat*
- **Reserve Component** *Reinforces/augments active forces, individual replacements*
- **Civilian Component** *Provides critical support and sustainment*

### Personnel End Strength FY97- FY05

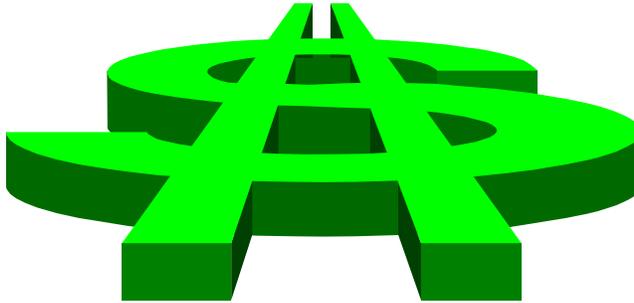
(K)





## Civilian Component End Strength (K)

<u>Appn</u>	<u>FY04</u>	<u>FY05</u>
OMA	123	127
OMAR	12	11
OMNG	27	27
RDTE	18	18
MCA	6	6
Family Housing	1	1
DWCF	<u>22</u>	<u>22</u>
<b>Total Direct Hire</b>	<b>209</b>	<b>212</b>
OMA	16	16
Other	<u>1</u>	<u>1</u>
<b>Total Indirect Hire</b>	<b>17</b>	<b>17</b>
<b>*Total Civilians</b>	<b>226</b>	<b>229</b>
*May not add due to rounding		



# Army TOA

(\$M)

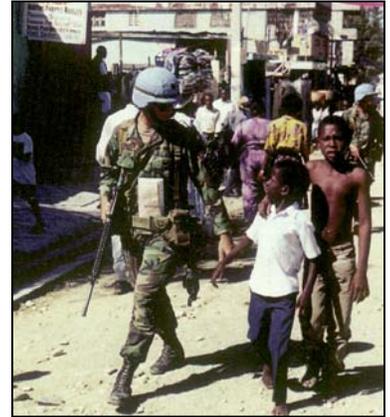
<u>Appropriation</u>	<u>FY04 PB</u>	<u>FY04 * w/Suppl</u>	<u>FY05 PB</u>
<b>Military Personnel, Army</b>	<b>28,288</b>	<b>41,116</b>	<b>29,723</b>
<b>Operation and Maintenance, Army</b>	<b>24,965</b>	<b>49,718</b>	<b>26,076</b>
<b>Procurement</b>	<b>10,755</b>	<b>12,850</b>	<b>10,364</b>
Aircraft	(2,128)	(2,137)	(1,831)
Missiles	(1,459)	(1,494)	(1,305)
WTCV	(1,641)	(1,945)	(1,640)
Ammunition	(1,310)	(1,378)	(1,402)
Other Procurement	(4,217)	(5,896)	(4,186)
<b>Research, Dev, Test &amp; Evaluation</b>	<b>9,123</b>	<b>10,203</b>	<b>10,435</b>
<b>Military Construction, Army</b>	<b>1,536</b>	<b>1,610</b>	<b>1,771</b>
<b>Environmental Restoration, Army</b>	<b>396</b>	<b>394</b>	<b>401</b>
<b>Army Family Housing</b>	<b>1,402</b>	<b>1,309</b>	<b>1,565</b>
Operations	(1,043)	(1,044)	(929)
Construction	(359)	(265)	(636)
<b>Reserve Components</b>			
<b>National Guard</b>	<b>9,894</b>	<b>9,977</b>	<b>10,706</b>
Personnel	(5,514)	(5,353)	(5,951)
Operations	(4,211)	(4,312)	(4,489)
Construction	(168)	(312)	(266)
<b>Army Reserve</b>	<b>5,607</b>	<b>5,514</b>	<b>5,829</b>
Personnel	(3,586)	(3,447)	(3,734)
Operations	(1,952)	(1,979)	(2,008)
Construction	(68)	(88)	(87)
<b>BRAC</b>	<b>67</b>	<b>67</b>	<b>100</b>
<b>Chemical Demilitarization</b>	<b>1,650</b>	<b>1,500</b>	<b>1,372</b>
<b>Defense Working Capital Fund, A</b>	<b><u>219</u></b>	<b><u>219</u></b>	<b><u>184</u></b>
<b>Total</b>	<b>93,903</b>	<b>134,477</b>	<b>98,526</b>
<i>* Includes Congressional Adjustments for FY04 PB.</i>			



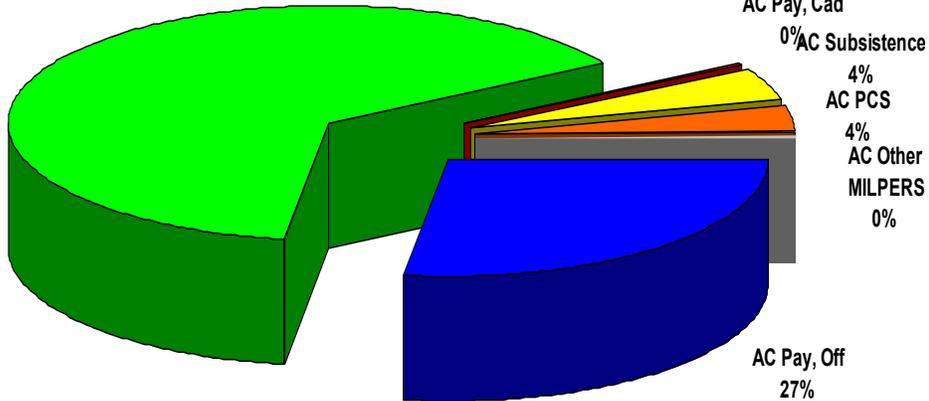
## **Military Personnel (MILPERS)**

- Funding mans the force with end strengths of 482,400 Active Component, 350,000 Army National Guard, and 205,000 Army Reserve soldiers – and provides them with better pay and incentives.
- Budgeted a basic across-the-board 3.5% pay raise in FY05.
- Increase in housing allowances reduces out-of-pocket expenses for military personnel from 3.5% in FY04 to zero out-of-pocket costs in FY05 for those soldiers and families living on the economy.

# People – Our Most Valuable Resource



AC Pay, Enl  
65%

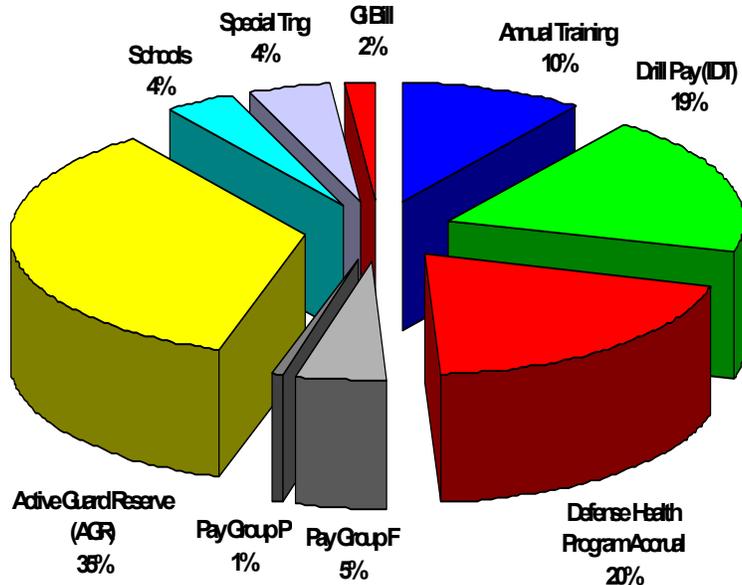


## Military Personnel, Army (MPA)

	MPA TOA (\$M)	
	<u>FY04</u>	<u>FY05</u>
<b>Military Personnel, Army</b>		
AC Pay, Officer	9,042	8,101
AC Pay, Enlisted	27,326	19,094
AC Pay, Cadet	50	51
AC Subsistence	2,917	1,303
AC PCS-Travel	1,514	1,073
AC Other MILPERS Costs	<u>267</u>	<u>101</u>
<b>Total</b>	<b>41,116</b>	<b>29,723</b>

*Note: FY04 includes Supplemental Funding.*

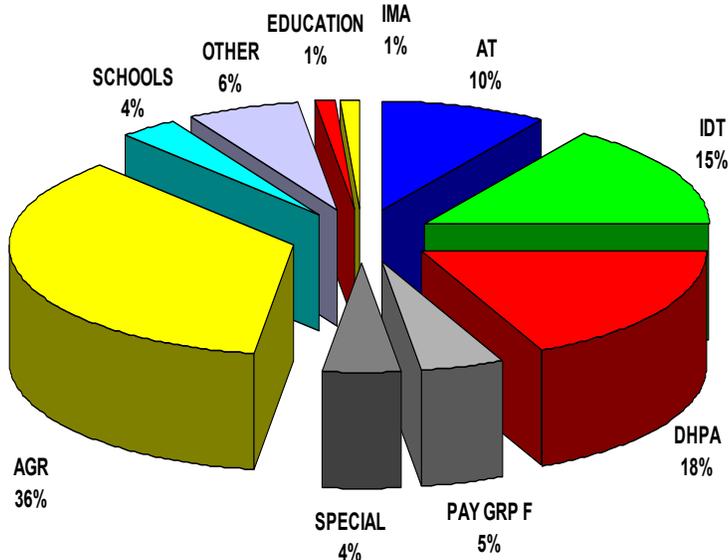
# National Guard Personnel, Army (NGPA)



The Appropriation finances the cost to train, educate, and prepare ARNG military personnel for their Federal missions. The budget provides for Annual Training (AT), Inactive Duty Training (IDT), Pay Group P (enlistees before Initial Entry Training (IET), and Pay Group F (Initial Entry Training). It also funds Schools, (e.g. MOS qualification training, professional development and refresher training), special training missions to support Combatant Commanders initiatives to reduce Army Personnel OPTEMPO (PERSTEMPO), education benefits, hospitalization and disability, Defense Health Program Accrual (DHPA) and retired pay accrual.

<b>NGPA TOA (\$M)</b>		
<b>Nat'l Guard Pers, Army</b>	<b><u>FY04</u></b>	<b><u>FY05</u></b>
Paid Drill Strength	1,996	2,017
School Training	225	219
Special Training	204	252
Admin & Support	2,100	2,219
Education Benefits	110	98
Defense Health Prog Accrual	718	1,146
<b>Total Direct Program</b>	<b>5,353</b>	<b>5,951</b>
Retired Pay Accrual	-554	-589
<b>Total (Minus Retired Pay Accrual)</b>	<b>4,799</b>	<b>5,362</b>

# Reserve Personnel, Army (RPA)



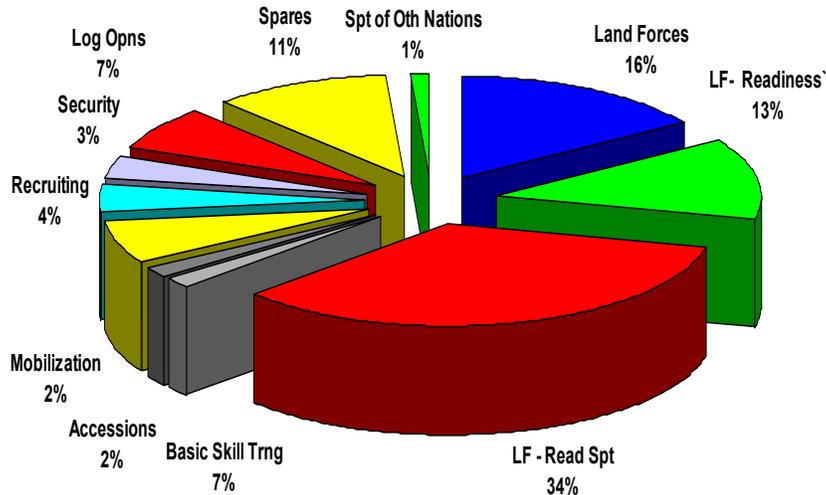
The RPA Appropriation provides pay, benefits and allowances for soldiers of the Army Reserve while on annual training (AT) inactive duty for training, initial active duty for training, school training, special training and special work.

The Appropriation provides funding for USAR soldiers in the Active Guard and Reserve (AGR) Program (similar to MPA, e.g., pay benefits, PCS, etc.) to enhance readiness of army reserve units.

The FY05 RPA funding levels focus on the army reserve's preparedness to meet wartime combatant commanders support and contingency missions.

RPA TOA (\$M)		
Reserve Pers, Army	FY04	FY05
Paid Drill Strength	1,228	1,158
Mob. Training	19	18
Adm in & Support	1,289	1,358
School Training	111	133
Special Training	162	167
Education Benefits	40	41
Defense Health Prog Accural	418	673
Other Training	180	186
<b>Total Direct Program</b>	<b>3,447</b>	<b>3,734</b>
Retired Pay Accural	(353)	(339)
<b>Total (- Retired Pay Accural)</b>	<b>3,094</b>	<b>3,395</b>

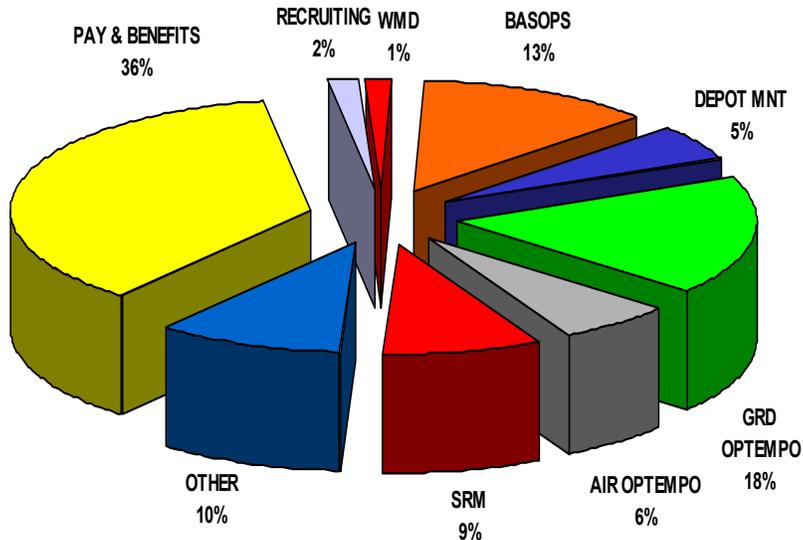
# Operation & Maintenance, Army (OMA)



The Operation and Maintenance, Army budget supports readiness objectives by funding Ground and Air operating tempo (OPTEMPO), institutional training, mobilization operations, installation management, training and recruiting missions. The FY 05 budget supports Ground OPTEMPO at an overall rate of 899 training miles and a flying hour program funded at 13.1 flying hours per crew per month, the highest historical level of execution. Base Operation Support is funded at 70% of requirements, while Sustainment, Restoration & Modernization (SRM) is funded at 81% of requirements. Facilities sustainment, a subsection of SRM, is funded at 95%. FY 05 fully implements the critical requirements of Flight School XXI (FSXXI), a new flight training initiative. Finally, full funding is provided for known statutory and regulatory environmental requirements.

<b>OMA TOA (\$M)</b>		
<b>Operating &amp; Maint, Army</b>	<b><u>FY04</u></b>	<b><u>FY05</u></b>
<b>BA 1: Operating Forces</b>		
Land Forces	3,861	4,141
Land Forces Readiness	4,296	3,325
Land Forces Readiness Support	<u>31,301</u>	<u>8,970</u>
<b>Subtotal</b>	<b>39,458</b>	<b>16,436</b>
<b>BA 2: Mobilization</b>		
Mobility Operations	<u>539</u>	<u>462</u>
<b>Subtotal</b>	<b>539</b>	<b>462</b>
<b>BA 3: Training &amp; Recruiting</b>		
Accession Tng	397	405
Basic Skill & Advanced Tng	1,718	1,798
Recruiting & Other Tng & Ed	<u>1,024</u>	<u>1,137</u>
<b>Subtotal</b>	<b>3,139</b>	<b>3,340</b>
<b>BA 4: Admin &amp; Svc-Wide Activities</b>		
Security Programs	997	884
Log Operations	2,653	1,847
Svc-Wide Support (spares)	2,632	2,797
Spt of Other Nations	<u>300</u>	<u>310</u>
<b>Subtotal</b>	<b>6,582</b>	<b>5,838</b>
<b>Grand Total</b>	<b>49,718</b>	<b>26,076</b>
<i>Note: FY04 includes Supplemental Funding.</i>		

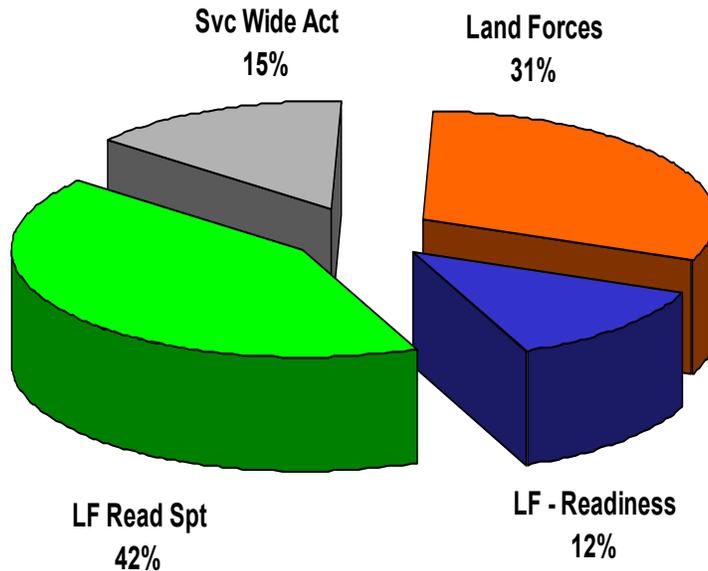
# Operation & Maintenance, Army National Guard (OMNG)



The Operation and Maintenance, Army National Guard (OMNG) budget funds the operational, logistical, and administrative support for the Army National Guard soldiers and the operational support airlift for the Army. The budget supports readiness objectives by funding air and ground operating tempo (OPTEMPO), institutional training, mobilization operations, sustainment of equipment and facilities, as well as recruiting and advertising missions. In addition to direct support to units, this budget supports a civilian end strength of 27,187. The FY05 budget funds critical training enablers and supports the ongoing Bosnia / Kosovo operations.

OMNG TOA (\$M)		
	<u>FY04</u>	<u>FY05</u>
<b>BA 1: Operating Forces</b>		
Land Forces	2,247	2,205
Land Forces Readiness	433	554
Land Forces Readiness Support	<u>1,333</u>	<u>1,472</u>
<b>Subtotal</b>	<b>4,013</b>	<b>4,231</b>
<b>BA 4: Admin &amp; Svc-Wide Activities</b>		
Admin and Svc-Wide Spt	<u>299</u>	<u>258</u>
<b>Subtotal</b>	<b>299</b>	<b>258</b>
<b>Grand Total</b>	<b>4,312</b>	<b>4,489</b>

# Operation & Maintenance, Army Reserve (OMAR)



The Operation and Maintenance, Army Reserve budget supports readiness objectives by funding air and ground operating tempo (OPTEMPO), institutional training, mobilization operations, sustainment of equipment and facilities, as well as recruiting and advertising missions.

<b>OMAR TOA (\$M)</b>		
	<b><u>FY04</u></b>	<b><u>FY05</u></b>
<b>BA 1: Operating Forces</b>		
Land Forces	952	970
Land Forces Readiness	245	290
Land Forces Readiness Support	<u>546</u>	<u>588</u>
<b>Subtotal</b>	<b>1,743</b>	<b>1,848</b>
<b>BA 4: Admin &amp; Service-Wide Activities</b>		
Admin & Service-Wide Activities	<u>236</u>	<u>160</u>
<b>Subtotal</b>	<b>236</b>	<b>160</b>
<b>Grand Total</b>	<b>1,979</b>	<b>2,008</b>

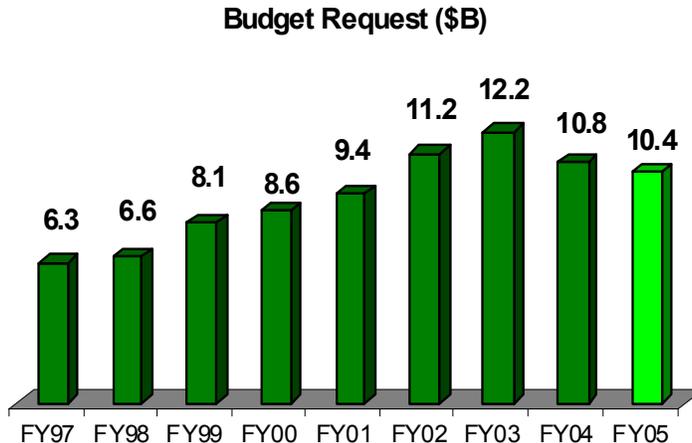
# Research, Development and Acquisition

As the Army continues its Transformation, funding an affordable, fully integrated modernization and recapitalization program is essential to provide decisive and comprehensive full-spectrum land component capabilities supporting the National Military Strategy. To accomplish this goal, the Army has:

- Continued research and development of the Future Combat Systems (FCS), a strategically responsive, networked system-of-systems that will ensure overwhelming lethality, survivability, strategic, and tactical mobility. These capabilities will provide the Army a full spectrum force system with substantially improved deployability.
- Provided funding to purchase Stryker Vehicles for a 5<sup>th</sup> Stryker Brigade Combat Team.
- Accelerated selected procurement programs to improve strategic responsiveness, increase lethality of light forces and recapitalize legacy systems.
- Restructured or divested \$406.5M in FY05 from programs that did not meet the Army vision to provide resources for the Army Transformation.

# Procurement Summary

The FY05 budget continues the momentum of Army transformation by funding procurement of the Stryker. The Army also continues to fund upgrades for the Abrams Tank directly supporting battlefield digitization; continues procurement of PAC-3, Javelin, HIMARS Launchers, ATACMS Block I Quick Reaction Unitary Missile, GMLRS Rocket, LOSAT and SLAMRAAM. The budget also funds modification from basic Apache helicopters to the Longbow Apache configuration armed with an improved radar guided Hellfire missile possessing fire-and-forget capability. The budget funds procurement of 8 Black Hawk helicopters in FY 05. Satellite communication systems, including the Defense Satellite Communication System (DSCS), Secure Mobile Anti-Jam Reliable Tactical Terminal (SMART-T), Artillery Accuracy Equipment, Tactical Unmanned Aerial Vehicle, Distributed Common Ground System (DCGS-A), Enhanced Manpack Ultra High Frequency (UHF) Terminal (Spitfire), and NAVSTAR Global Positioning System (GPS) were funded along with other command, control, and communication programs such as Force XXI, Battle Command Brigade and Below (FBCB2), All-Source Analysis System (ASAS), Maneuver Control System (MCS), and the Army Global Command and Control System (GCCS-A). The FY05 budget is increasing force protection systems and modifications to better protect soldiers from the emerging threats. Some of these include up-armored HMMWVs, individual body armor, and add-on armor kits.

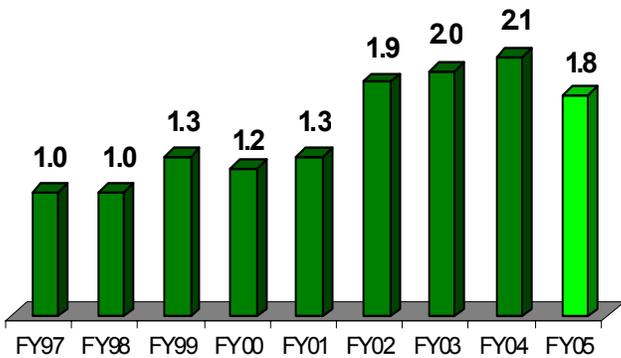


<b>Procurement TOA (\$M)</b>		
<b>Appropriations</b>	<b>FY04</b>	<b>FY05</b>
Aircraft	2,137	1,831
Missiles	1,494	1,305
Weapons & Tracked Combat Vehicles	1,945	1,640
Ammunition	1,378	1,402
Other Procurement	<u>5,896</u>	<u>4,186</u>
<b>Total</b>	<b>12,850</b>	<b>10,364</b>

Note: FY04 includes Congressional Adds and Supplemental Funding.

Budget Request (\$B)

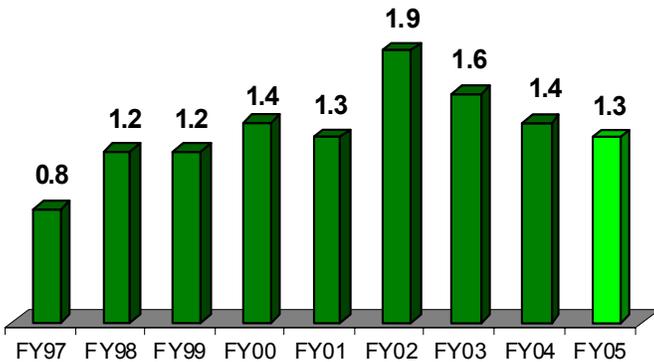
# Aircraft



Aircraft TOA (\$M)				
	FY04		FY05	
	QTY	\$M	QTY	\$M
<b>Aircraft</b>				
Utility F/W (MR) Aircraft		43		12
UH-60 Black Hawk (MYP)	17	255	8	124
TH-67 Training Helicopter				
Comanche				12
<b>Modifications</b>				
Guardrail/ARL		9		2
AH-64 MODS		65		37
CH-47 Cargo Helicopter Mods (MYP)		510		543
Longbow		763		555
UH-60 Mods		36		138
Kiowa Warrior		51		34
Airborne Avionics		74		49
Airborne Digitization		2		0
Other Mods		36		72
<b>Spares</b>				
Spare Parts (AIR)		11		11
<b>Support Equipment &amp; Facilities</b>				
Aircraft Survivability Equip		17		7
Airborne C md & Control		29		27
Air Traffic Control		60		59
Common Ground Equipment		16		22
Airborne Com munications		24		10
Other Support Equipment		<u>136</u>		<u>117</u>
<b>Total</b>		<b>2,137</b>		<b>1,831</b>

# Missiles

Budget Request (\$B)



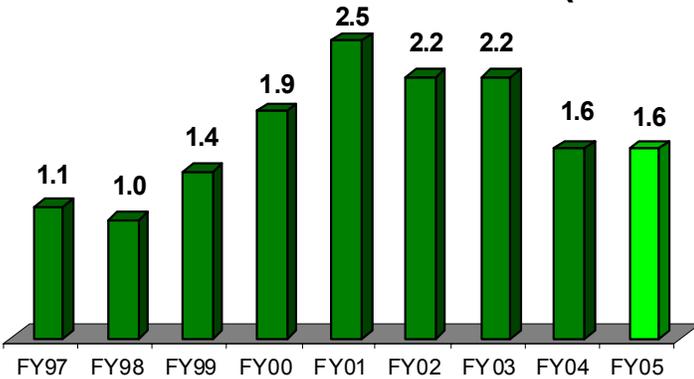
Missiles TOA (\$M)

Missiles	FY04		FY05	
	QTY	\$M	QTY	\$M
Patriot PAC-3	135	617	108	489
Stinger		3		
Surface-Launched AMR AAM System		7		2
Hellfire		25		16
Advanced Precision Kill Weapon Sys (APKWS)				7
Javelin	901	140	1,038	118
LOSAT	76	43	158	86
TOW 2 System	200	26	500	26
Guided MLRS Rockets	786	107	1,026	112
MLRS Reduced Range Practice Rockets	1,176	8	822	7
MLRS Launchers		40		41
HIMARS	24	123	37	169
ATACMS	60	57	56	61
ATACMS Blk II				
Modifications of Missiles				
Patriot		201		88
Stinger		1		
ITAS/TOW		19		10
MLRS		20		19
Hellfire				10
Spares & Repair Parts		50		34
Support Equipment & Facilities				
Air Defense Targets		3		6
Production Base Support		3		3
Other		1		1
<b>Total</b>		<b>1,494</b>		<b>1,305</b>

Note: FY04 Includes Congressional Adds.

# Weapons & Tracked Combat Vehicles

Budget Request (\$B) (WTCV)



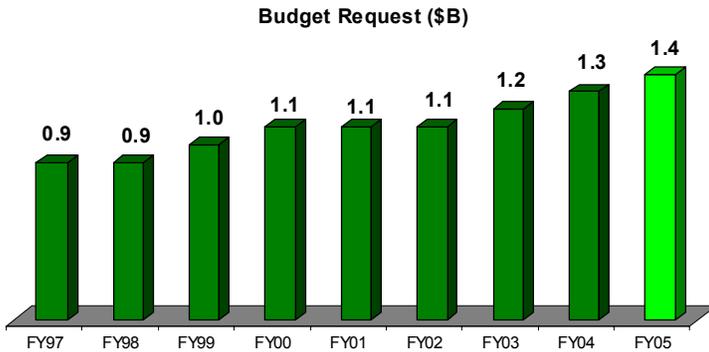
## WTCV TOA (\$M)

	FY04		FY05	
	QTY	\$M	QTY	\$M
<b>Tracked Combat Vehicles</b>				
Abrams		6		7
Bradley*	154	348		74
STRYKER	310	983	310	905
<b>Mods of Tracked Combat Veh</b>				
Carrier Mods 113		41		
FIST Vehicle Mod		39		2
BFVS Mod		42		55
Howitzer M109A6 Paladin		34		18
Improved Recovery Vehicle (IRV)				
Heavy Assault Bridge (HAB)				
Armored Vehicle Launch Bridge				
M1 Abrams Mod & Retrofit		107		117
SEP M1A2	34	180	67	292
Abrams Upgrade		3		
Other		10		8
<b>Weapons &amp; Other Combat Vehicles</b>				
Integrated Air Burst Weapon Sys				1
Armored Machine Gun 7.62 M240	1,480	17	2,070	25
Machine Gun, 5.56mm (SAW)	1,200	5		
M16 Rifle				
Grenade Launcher, MK-19-3				
Sniper Rifle XM107, Cal .50	600	9	600	9
Carbine M4, 5.56mm	8,158	9	8,255	9
81mm Mortar (ROLL)	59	10	577	5
Howitzer, 155mm, LtWt		8	18	37
<b>Modifications of Weapons and</b>				
<b>Other Combat Vehicles</b>		43		31
<b>Spares and Repair Parts</b>		18		20
<b>Support Equipment &amp; Facilities</b>		33		25
<b>Total</b>		<b>1,945</b>		<b>1,640</b>

\*Bradley quantities include both A20DS and A3 vehicles

Note: FY04 includes Congressional Adds and Supplemental Funding.

# Ammunition



## Ammunition TOA (\$M)

	<u>FY04</u>	<u>FY05</u>
Small Arms	472	434
Mortars	125	93
Tank	190	217
Artillery	170	249
Artillery Fuzes	47	41
Mines/Countermine	21	21
Rockets	55	30
Other	73	124
Miscellaneous	43	45
Production Base Support	182	148
<b>Total</b>	<b>1,378</b>	<b>1,402</b>

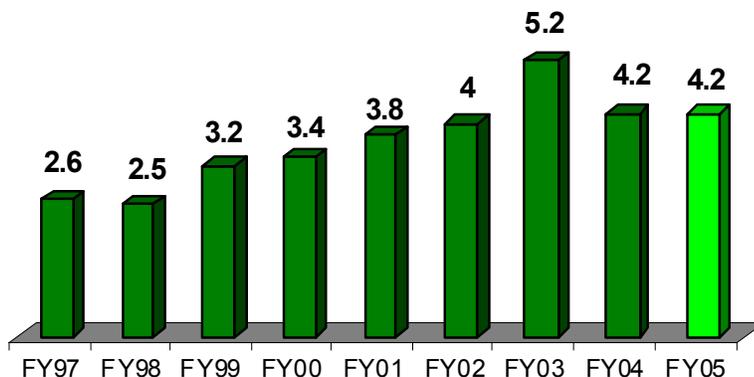
### Training/War Reserve Breakout (\$M)

Training	984	1016
War Reserve	179	211
Other	33	27
Production Base	182	148
<b>Total</b>	<b>1,378</b>	<b>1,402</b>

*Note: FY04 includes Congressional Adds.*

# Other Procurement, Army (OPA)

Budget Request (\$B)



OPA TOA (\$M)				
	FY04		FY05	
	QTY	\$M	QTY	\$M
<b>Tactical &amp; Support Vehicles</b>				
Wheeled Vehicles (HMMWV)	2,694	369	2,431	304
Family of Med Tactical Veh	1,795	345	2,425	506
Family of Hvy Tactical Veh		217		84
All Other Vehicles & Trailers		234		87
<b>Subtotal</b>		<b>1,165</b>		<b>981</b>
<b>Communication &amp; Electronic Equip</b>				
Joint Communications		12		5
Satellite Communications		239		286
C3 System		16		20
Combat Communications		386		373
Intel Communications		1		1
Information Security		126		117
Long Haul Communications		174		73
Base Communications		456		381
Elect Equip--NFIP		36		9
Elect Equip--TIARA		235		155
Elect Equip--Electronic Warfare (EW)		48		
Elect Equip--TAC SURV		573		388
Elect Equip--Tactical C-2		342		269
Elect Equip--Automation		272		200
Elect Equip--Audio Visual Sys (AV)		8		6
<b>Subtotal</b>		<b>2,924</b>		<b>2,283</b>

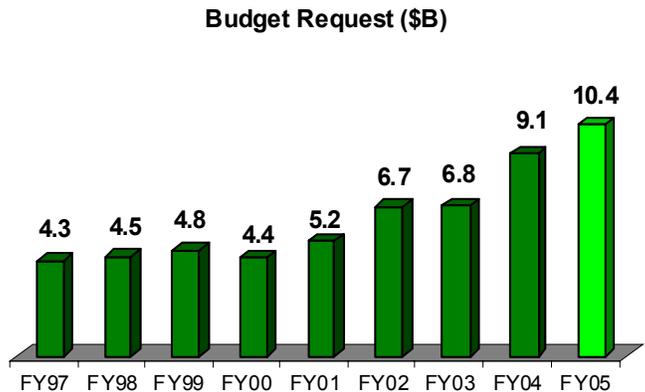
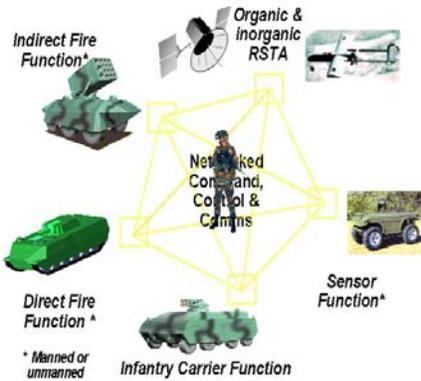
## Other Procurement, Army (Cont'd)

	<u>FY04</u>	<u>FY05</u>
<b>Other Support Equipment</b>	<b>\$M</b>	<b>\$M</b>
Smoke Generators	37	4
Bridging Equipment	105	51
Engineer Equip (Non-Construct)	33	26
Combat Service Spt Equipment	444	77
Petroleum Equipment	26	38
Water Equipment	16	13
Medical Equipment	31	12
Maintenance Equipment	23	15
Construction Equipment	56	41
Rail Float Containerization Equip	23	3
Generators	72	54
Materiel Handling Equipment	62	1
Training Equipment	436	431
Test Meas & Diag Equipment	68	9
Other Support Equipment	330	102
<b>Subtotal</b>	<b>1,762</b>	<b>877</b>
<b>Initial Spares</b>		
Communications and Electronics	44	44
Other Support Equipment	<u>1</u>	<u>1</u>
Subtotal	45	45
<b>Total</b>	<b>5,896</b>	<b>4,186</b>

Note: FY04 includes Congressional Adds and Supplemental Funding.



# Research, Development, Test & Evaluation (RDTE)



The Army RDTE Program includes continued funding in the Science and Technology Program to address the Army Vision and to ensure timely development and transition of technology into weapon systems and system upgrades. It also funds system development and demonstration for Future Combat Systems to enable an Initial Operational Capability of an FCS-equipped Unit of Action in 2010 and a Full Operational Capability of the first FCS-equipped Unit of Action in 2012. Alternatives to anti-personnel landmines and submunitions used in mixed anti-tank systems are being pursued and the momentum of the Joint Tactical Radio System is being continued. The FY05 budget includes funding for continued development of the Comanche and the Stryker (formerly called Interim Armored Vehicle (IAV), the recapitalization and upgrade of the UH-60 Black Hawk helicopter, and the Global Combat Support System – Army (GCSS-A) which integrates and consolidates many legacy logistic management systems.

RDTE TOA (\$M)		
Budget Activities	<u>FY04</u>	<u>FY05</u>
Basic Research	382	318
Applied Research	1040	651
Advanced Technology Dev	1,205	815
Adv Component Dev & Prototypes	921	734
System Dev & Demonstration	4,664	6,129
Management Support	894	859
Operational Systems Dev	<u>1097</u>	<u>929</u>
<b>Total</b>	<b>10,203</b>	<b>10,435</b>

Note: FY04 includes Congressional Adds.

# Research, Development, Test & Evaluation (Cont'd)

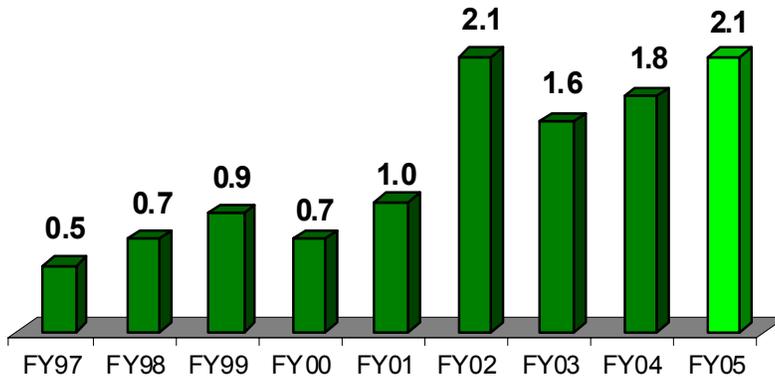
<b>RDTE TOA(\$M)</b>			
	<b>Technology Base</b>	<b>FY04</b>	<b>FY05</b>
<b>BA 1</b>	<b>Basic Research</b>	382	318
<b>BA 2</b>	Applied Research	<u>1,040</u>	<u>651</u>
	<b>Subtotal</b>	<b>1,422</b>	<b>969</b>
<b>BA 3</b>	<b>Advanced Tech Development</b>		
	Warfighter Advanced Technology	67	68
	Medical	218	38
	Aviation	85	70
	Weapons & Munitions	54	68
	Cbt Veh & Auto	271	203
	Command, Control & Communication	11	10
	Missile & Rocket Adv Technology	121	93
	Landmine Warfare & Barrier	30	26
	Night Vision	84	50
	Line of Sight Technology Demo	9	0
	Adv Tac Computer Sci & Sensor Tech	25	32
	Other	<u>230</u>	<u>157</u>
	<b>Subtotal</b>	<b>1,205</b>	<b>815</b>
<b>BA 4</b>	<b>Adv Component Dev &amp; Prototypes</b>		
	Landmine Warfare & Barrier	37	12
	Army Missile Defense Sys Integration	144	58
	Artillery System Dem/Val	0	0
	Advanced Tank Armament Sys (ATAS)	61	52
	Soldier Support & Survivability	14	14
	Warfighter Information Network - Tactical (Dem/Val)	81	100
	Aviation - Adv Dev	14	9
	CSSCS Eval and Analysis	9	6
	Medical Systems-Adv Dev	13	10
	Meads Concepts - Dem/Val	249	265
	Scamp Blk II	28	10
	Other	<u>271</u>	<u>198</u>
	<b>Subtotal</b>	<b>921</b>	<b>734</b>
<b>BA 5</b>	<b>System Dev &amp; Demonstration</b>		
	Comanche	1,068	1,230
	Electronic Warfare Development	33	17
	Night Vision	39	25
	Nbn-System Tng Devices-Eng Dev	71	52
	BAT/A TACMS	10	0
	Armored Sys Mbd (ASM)-Eng Dev	1,423	2,700
	Command, Control & Communication	217	220
	Joint Tactical Radio System	133	121
	ASAS	20	5
	Patriot PAC 3 TMD Acq -EMD	157	64
	Other	<u>1,493</u>	<u>1,695</u>
	<b>Subtotal</b>	<b>4,664</b>	<b>6,129</b>

# Research, Development, Test & Evaluation (Cont'd)

	<u>FY04</u>	<u>FY05</u>
<b>BA 6 Management Support</b>		
Major Test & Evaluation	60	58
Army Test Ranges/Facilities	183	181
Army Kwajalein Atoll	139	144
Support of Operation Testing	67	71
Program-wide Activities	63	59
Army Test Tech & Sust Instr	57	52
Surviv/Lethal	42	45
Dod High Energy Laser Test Facility	18	16
Concept Experimentation	31	23
Army Evaluation Center	47	62
Other	187	148
<b>Subtotal</b>	<b>894</b>	<b>859</b>
<b>BA 7 Operational Systems Development</b>		
Obt Vehicles Improvement Prgm	31	16
Horizontal Battlefield Digitization/FBCB2	66	48
Missile/Air Defense RFP	46	32
MLRS RFP	84	97
SATCOM Ground Environment	86	52
JLENS	58	82
AFATDS	29	18
Maneuver Control	39	25
Aircraft Mds/RFPs	275	224
Distributed Common Ground Sys (JMIP)	37	43
Tactical Unmanned Aerial Vehicles	69	27
Global Combat Support System	55	94
Other	<u>222</u>	<u>171</u>
<b>Subtotal</b>	<b>1,097</b>	<b>929</b>
<b>TOTAL</b>	<b>10,203</b>	<b>10,435</b>
<i>Note: FY04 Includes Congressional Adds.</i>		

# Military Construction (MILCON)

Budget Request (\$B)



The Military Construction budget continues to improve facilities across the Army by making whole barracks renewal its top priority. It also supports transformation and readiness by recapitalizing military facilities. It provides facilities for training, deployment and infrastructure revitalization and provides Reserve component readiness facilities.

<b>MILCON TOA (\$M)</b>		
	<u><b>FY04</b></u>	<u><b>FY05</b></u>
<b>Appropriations</b>		
Military Construction, Army	1610	1771
Military Construction, Army Nat'l Guard	312	266
Military Construction, Army Reserves	88	87
<b>Total</b>	<b>2010</b>	<b>2124</b>
<i>Note: FY04 includes Congressional Adds and Supplemental Funding.</i>		

# Military Construction, Army (MCA)



The Active Army Military Construction budget is focused on providing facilities that will upgrade the quality of life of soldiers and families, improve readiness, and support the Army Transformation. New facilities include modern barracks, training ranges, deployment facilities, and physical fitness training centers.

<b>MCA TOA (M)</b>		
	<b><u>FY04</u></b>	<b><u>FY05</u></b>
<b>By Facility Categories (\$M)</b>		
Operation & Training	378	357
Maintenance & Production	124	131
Research & Development	19	33
Supply & Administration	16	154
Troop Housing/Community Support	771	810
Utilities/Real Estate	146	115
General Reduction/ Rescission	-10	0
Minor Construction	33	20
Planning & Design	<u>133</u>	<u>151</u>
<b>Total</b>	<b>1,610</b>	<b>1,771</b>
<b>By Region/Program (\$M)</b>		
United States	1,124	1,485
Korea	65	12
Kwajalein Atoll	9	0
Europe	139	103
Iraq	117	0
Qatar	0	0
General Reduction/ Rescission	-10	0
Minor Construction	33	20
Planning & Design	<u>133</u>	<u>151</u>
<b>Total</b>	<b>1,610</b>	<b>1,771</b>
<i>Note: FY04 includes Supplemental Funding.</i>		

# Military Construction, Army National Guard (MCNG)



The Army National Guard military construction budget continues the goal of providing state-of-the-art, community-based installations and training sites that facilitate communications, operations, training, and equipment sustainment from which to station, sustain, and deploy the force. The program focuses on six investment areas: ranges, training facilities, maintenance support shops, readiness centers, minor construction, and planning and design. These projects are mission-focused and are centered on the quality of life of our soldiers.

<b>MCNG TOA (\$M)</b>		
	<b><u>FY04</u></b>	<b><u>FY05</u></b>
<b>Facility Categories</b>		
Operation and Training	132	101
Maintenance & Production	105	115
Administrative	0	0
Infrastructure	28	14
Minor Construction	8	5
Planning & Design	39	31
Rescision	<u>0</u>	<u>0</u>
<b>Total</b>	<b>312</b>	<b>266</b>

*Note: FY04 includes Congressional Adds.*

# Military Construction, Army Reserve (MCAR)



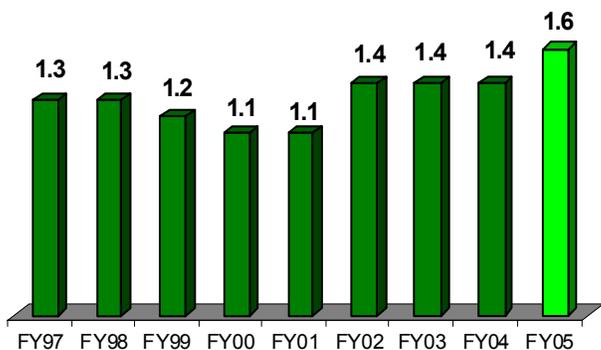
The Army Reserve budget provides essential military construction resources to address its highest priorities: the critical needs of Force Support package units; the worst cases of facility deterioration; modernization of the total facilities inventory; and careful management of Army Reserve-operated installations. The program essence is straightforward: provide essential facilities to improve readiness and quality of life; preserve and enhance the Army's image across America; and conserve and protect the facilities' resources for which the Army Reserve is responsible.

<b>MCAR TOA (\$M)</b>		
<b>Facility Categories</b>	<b><u>FY04</u></b>	<b><u>FY05</u></b>
Army Facility Strategy	37	43
Revitalization	40	26
Training Ranges	0	4
Minor Construction	3	3
Planning & Design	8	11
<b>Total</b>	<b>88</b>	<b>87</b>
<i>Note: FY04 Includes Congressional Adds.</i>		

# Army Family Housing (AFH)

The Fiscal Year 2005 Army Family Housing budget supports soldier quality of life with funding for over 120,000 military family housing units worldwide.

**Budget Request (\$B)**



**AFH TOA (\$M)**

	<u>FY04</u>	<u>FY05</u>
New/Replace Construction	221	395
Improvement	12	76
Planning & Design	32	29
Privatization Investment*	119	136
<b>Subtotal AFH Construction</b>	<b>384</b>	<b>636</b>
Operation & Utilities	343	282
Maintenance	440	402
Leasing	232	218
Privatization	29	27
Interest Payments	1	0
<b>Subtotal AFH Operations</b>	<b>1,044</b>	<b>929</b>
<b>Total AFH</b>	<b>1,428</b>	<b>1,565</b>

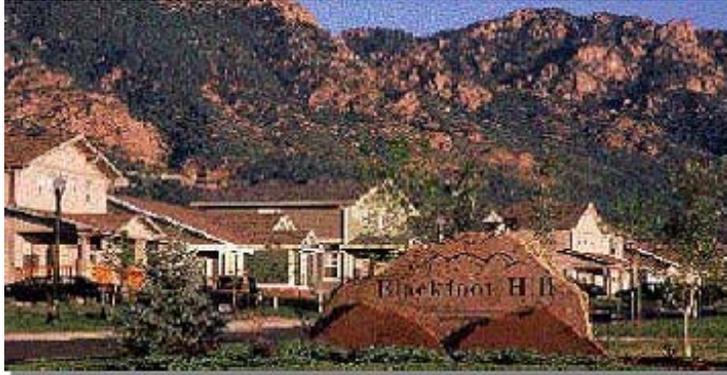
Note: FY04 includes Congressional Adds.

\*RCI equity to be transferred to DoD FH Investment Fund

## Army Family Housing New Construction

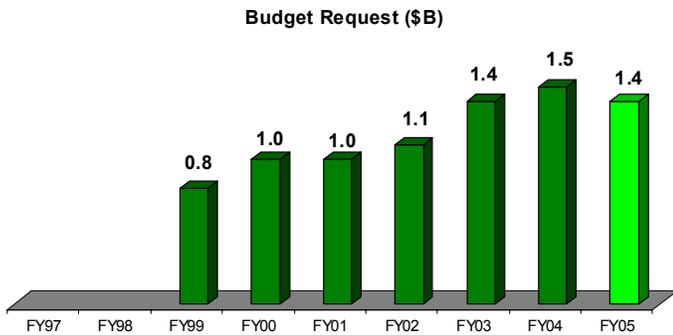
	<b>Units</b>	<b>(\$M)</b>
<b>FY04</b>		
Fort Wainwright, AK	100	44.0
Fort Wainwright, AK	40	20.0
Fort Huachuca, AZ	160	27.0
Fort Huachuca, AZ	60	14.0
Fort Riley, KS	32	8.3
Fort Riley, KS	30	8.4
Fort Knox, KY	178	41.0
White Sand M. Range, NM	58	14.6
Fort Sill, OK	70	15.4
Fort Sill, OK	50	10.0
Fort Lee, VA	90	18.0
<b>Total</b>	<b>868</b>	<b>220.7</b>
<b>FY05</b>		
Fort Richardson, AK	92	42.0
Fort Wainwright, AK	100	41.0
Fort Wainwright, AK	60	37.0
Fort Wainwright, AK	86	46.0
Fort Huachuca, AZ	205	41.0
Yuma, AZ	55	14.9
Fort Riley, KS	126	33.0
White Sands M. Range, NM	156	31.0
Fort Sill, OK	247	47.0
Fort Lee, VA	218	46.0
Fort Monroe, VA	68	16.0
<b>Total</b>	<b>1,413</b>	<b>394.9</b>

# Army Family Housing Privatization (Residential Communities Initiative)



Budget Year	Units Planned
<b>FY04</b>	
Fort Sam Houston, TX	926
Fort Bliss, TX	2,776
Fort Drum, NY	2,272
Carlisle Barracks, PA	1,055
<b>Total</b>	<b>7,029</b>
<b>FY05</b>	
Ft Benning, GA	4,055
Fort Rucker, AL	1,516
Fort Gordon, GA	872
Fort Knox, KY	3,380
Fort Leavenworth, KS	1,580
Redstone Arsenal, AL	503
<b>Total</b>	<b>11,906</b>

# Chemical Demilitarization Program



The Chemical Demilitarization Program continues to make progress in destroying U.S. chemical warfare materiel. All Chemical Weapons Convention (CWC) destruction milestones have been met to date. The United States request to extend the 45 percent destruction milestone for Category 1 chemical weapons from April 2004 to December 2007 was approved by the CWC Conference of State Parties. Destruction of former production facilities (FPF) has already achieved the 80 percent destruction milestone of April 2005. The FY05 budget request for the Chemical Demilitarization Program consists of \$1.37 billion in the Chemical Agents and Munitions Destruction, Army (CAMD, A) account. The Chemical Demilitarization construction request is \$82 million and is now included in the Chemical Demilitarization Construction, Defense account.

Significant efforts funded in the budget include environmental monitoring at the Johnston Atoll facility, disposal operations at six locations (Tooele, Utah; Anniston, Alabama; Umatilla, Oregon; Pine Bluff, Arkansas; Aberdeen, Maryland; and Newport, Indiana) as well as design, permitting and construction activities for alternative technology pilot plants at Pueblo, Colorado and Lexington, Kentucky.

The budget also supports the continued activities of the Non-Stockpile Chemical Materiel Project and the Chemical Stockpile Emergency Preparedness Program.

Chemical Demilitarization TOA (\$M)		
	FY04	FY05
<b>Appropriation</b>		
Operation and Maintenance	1,169	1,139
Research and Development	252	154
Procurement	79	79
<b>CAMD, A TOTAL</b>	<b>1,500</b>	<b>1,372</b>
Chem Demil Construction*	120	82
*Construction moved to Chem Demil Construction, Defense Appropriation.		

## FY05 Summary

Our nation is at war. Our Army is relevant and ready to meet today's challenges, but there is much more to do. We are changing now to reflect wartime realities, to plan for and incorporate next generation capabilities into current systems, and to keep the mission first, Soldiers always. We are changing to become more joint and expeditionary.

The FY05 budget demonstrates The Army's commitment to its People, Current Readiness, and Future Force.

For 228 years the Army has never failed the Nation -- and it never will.



