



Fort Benning Boot Print

Facts and Figures for the
Sustainability Goal-Setting
Conference
10-12 May 2005



Our Mission

- Provide the nation with the world's best trained Infantry Soldiers and adaptive leaders imbued with the Warrior Ethos.
- Act as a Power Projection Platform capable of deploying and redeploying Soldiers, civilians, and units anywhere in the world on short notice.
- Define Infantry requirements for material developers to meet the needs of the future force.



Personnel Trained

Total Soldiers Trained in 2004 (all components): in excess of 100,000

Average number of soldiers in training each day: 25,000 (TRADOC, FORSCOM, SOCOM, Reserve Component, National Guard, Marine Corps)

Number of Training Days in CY 04: 362

Training Actions: 48 different training courses taught by five different components/schools

Current Deployment

Individuals/Unit CRC = 198 w/ 956 assigned Personnel

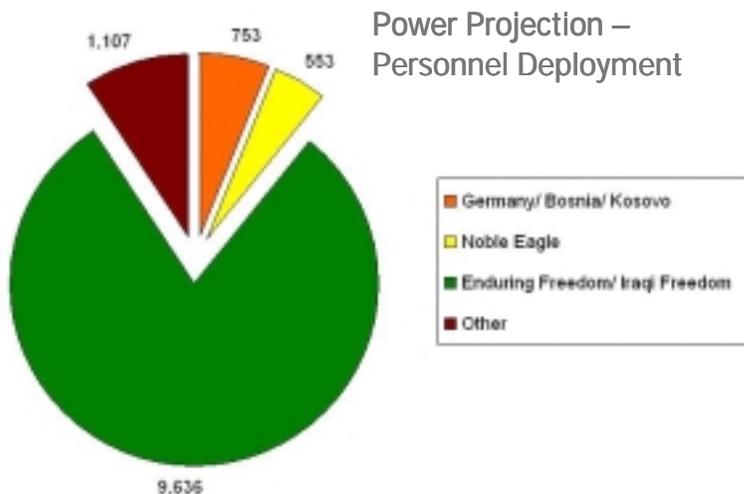
Units (Reserves/National Guard) = 113 w 5,814 assigned Personnel + 899 pieces @ 4,960 tons

Active Duty = 34 w/ 3,965 assigned Personnel + 1,696 pieces @ 17,766 tons

Total Personnel = 10,735

Total Pieces = 2,595

Total Weight = 22,726 tons



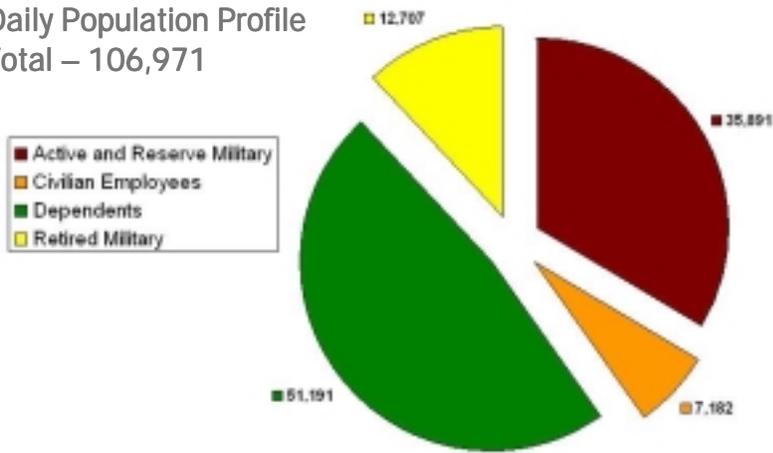
Power Projection - Materiel

Lawson Army Airfield (LAAF): LAAF is a fully capable deployment airfield capable of handling all military aircraft and civilian 747 aircraft.

Railroad Marshalling Yard: Fort Benning's 20,000 square foot rail loading facility has the capacity to load out eighty 89-foot rail cars per day.

Jacksonville Port: 63,287 million tons shipped in support of the Global War on Terrorism (Port transited 4,070,324 million tons in CY 2004)

Daily Population Profile
Total – 106,971



Facilities and Infrastructure
Current:

Buildings

Number: 2,819
Area: 20,616,143 ft²

Land

Improved: 11,035 acres
Unimproved: 170,318 acres

Total: 181,353 acres

Roads

Paved: 494.2 miles
Gravel/dirt: 1924.2 miles
Tank trails: 39.9 miles
Railroad track: 5.0 miles

Total: 2463.3 miles

Electric Lines 590 miles

Water Lines 201 miles

Gas Lines 111 miles

Sewer Lines 167 miles

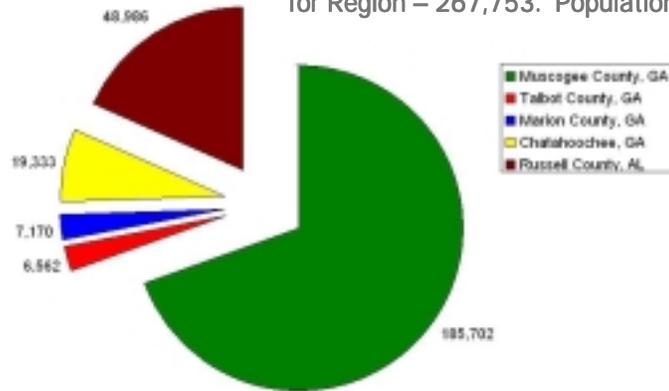
MILCON FY00-09 \$495.0M
Other Construction \$ 75.5M
Pending 04 MILCON \$ 34.5M
5th of 25th \$350.0M

Our Community

The Columbus Consolidated Government will strive toward continual improvement in terms of providing services and supporting development to ensure opportunities for its citizens in the economic, social, political, and educational sectors in order to maintain its leadership among comparable sized cities in the southeastern United States.

Taken from the Columbus Vision

2003 Estimated Regional Population by County Total for Region – 267,753. Population growth is steady at 3.5%/yr



Economic Impact of Fort Benning on Community

Economic

Military Pay	\$1.366B/yr
Retired Military Pay	\$0.400B/yr
Civilian Pay	\$0.266B/yr
NAF, AAFES, Other	\$0.141B/yr
Contracts	\$0.132B/yr
Local Purchase	\$0.103B/yr
Total	\$2.408B/yr*

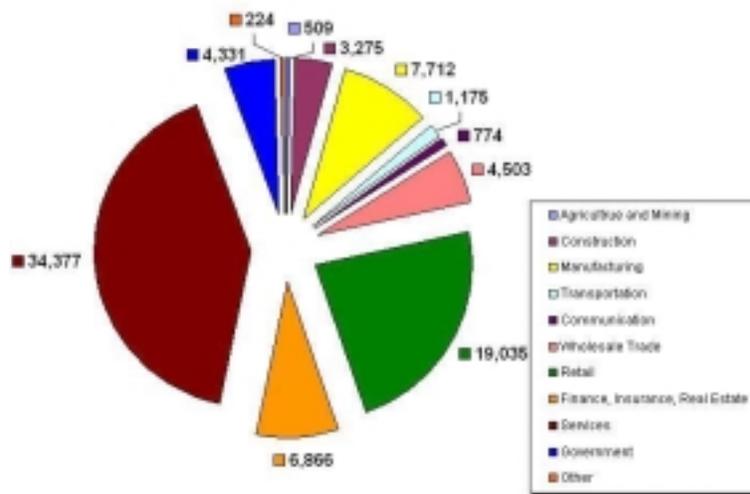
Or about 0.9% of the total GDP (\$320B) of the State of Georgia

Off-Post Military Residency (FY04)

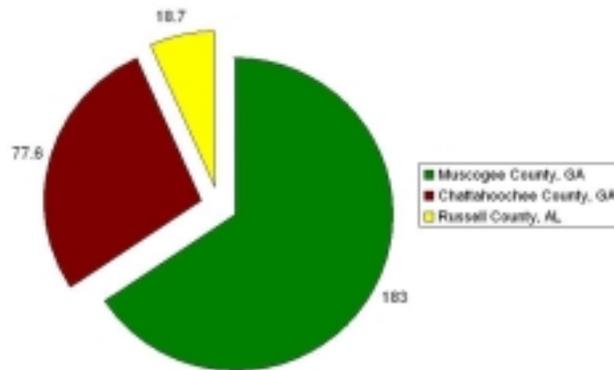
Active Military	7,995
Active Duty Dependents	13,935

Residential Community Initiative (RCI) will put \$600M into local construction

Muscogee County Jobs by Sector



Land Area by County (miles²)



Getting to Work around Columbus, GA (2000):

75.5% commute in single occupancy vehicles

The estimated average RT commute distance is 30 mi or 38 minutes/day

Estimated number of daily commuters to Fort Benning is 80,000

2.4 million commuter miles/day results in the following emissions:

- 261,000 tons of CO₂/yr
- 880 tons of NO₂/yr
- 13,200 tons of CO/yr



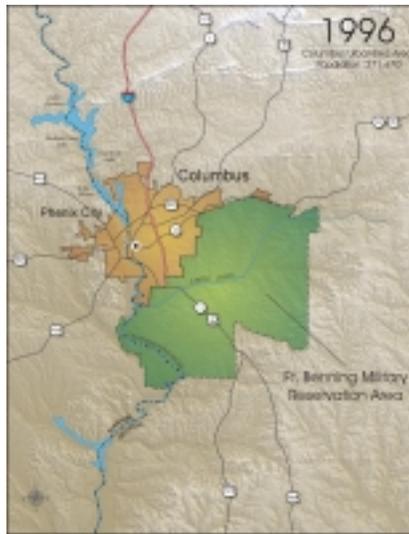
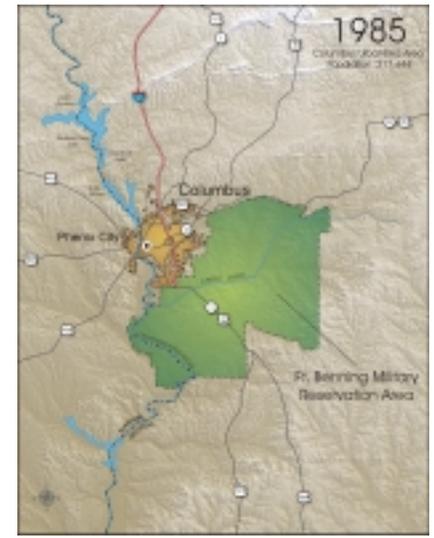
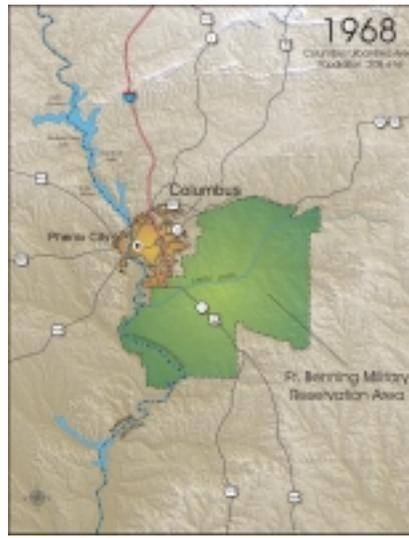
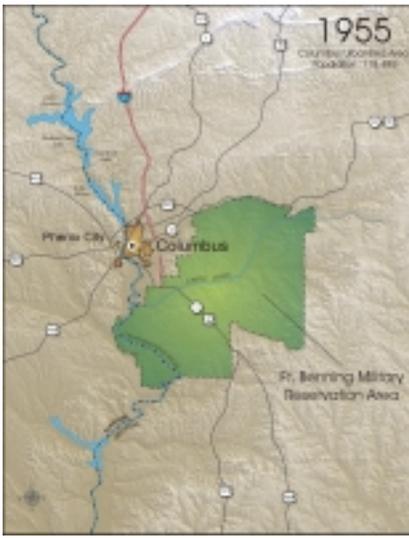
Our Community



These photos provide current examples of Fort Benning noise-generating activities close to populated areas.



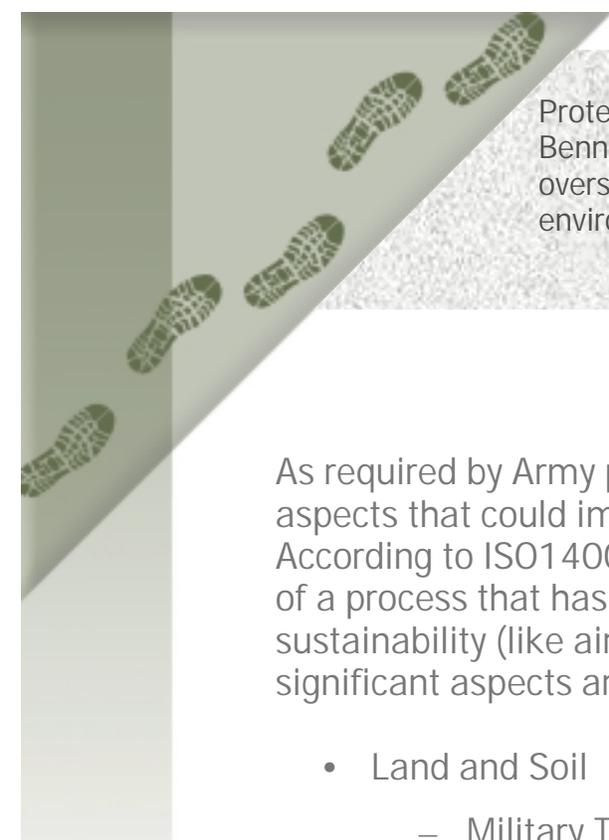
Together We Grow...



Maps illustrate the expansion of Columbus, GA community in and around the Fort Benning fence line. Final map illustrates projected growth by 2008.

Maps courtesy of the US Army Construction Engineering Research Laboratory.





Our Environment

Protecting the environment is everyone's responsibility. In every aspect of Fort Benning's mission, whether it be training Infantry Soldiers or preparing for overseas deployments, the protection of the natural and manmade environment is a priority.

*Colonel Rick Riera
Fort Benning Garrison Commander*

Significant Aspects

As required by Army policy, Ft Benning identified its significant aspects that could impact the environment, community, or mission. According to ISO14001, an aspect is any product, waste, or outcome of a process that has the potential to impact Ft. Benning's long-term sustainability (like air emissions from painting). Fort Benning's significant aspects are:

- Land and Soil
 - Military Training
 - Field Exercises
 - Equipment maintenance
- Water
 - Food Service
 - Uncontrolled and controlled releases into surface water.
- Air
 - Off-road, On-road Vehicles, Maintenance and Repairs
 - Facilities Operations and Construction

Energy Use and Cost – FY04

	Consumption	Units	Cost
Natural Gas	787,589	Thousand Cu. Ft.	\$5,556,026
LPG/Propane	49,321	Gallons	\$579,426
Electricity	255,882,386	KWh	\$10,206,289
Total			\$16,341,741

Resource Use and Release

Water Use

Average daily water use is 9M gallons
\$6.4M/year for water usage & waste water treatment (\$533K/month)
Water is \$228,913.67/month
Waste water is \$304,423.17/month

Fuel Consumption

Tactical fuels: 11M gallons (\$12M)
TMP fuels (available for administrative fleets): 8M gallons (\$8.72M)
AAFES sales: 10.5M gallons (\$15.75M)

Forest Land Management

Timber Harvest for 2004
Approximately 3,700 acres, generating a revenue of \$1.7M (timber harvesting normally generates an average annual revenue between \$1.5 – \$2M)
Controlled burns 30,000 acres/yr

Mead Westvaco has sold 25K acres in last year within 25 miles of installation boundary

Industrial land on borders potentially on market – 25K acres of Ingram Legrand holdings
90% of land to south is forested, 68% of which is owned by Mead Paper



Red-Cockaded Woodpecker
(*Picoides borealis*)

Landfill Space

12,651 tons or approximately 45,000 yd³ of landfill space

Waste Disposal amounts for 2004:

On-post: No active landfills on Ft. Benning
All solid waste is transported off Post.
Off-post: 14,262 tons (cost = \$420,000)
C&D debris: 113,786 tons
Other (landscaping/grounds maintenance waste: 816 tons (composted))

Complaints against FT Benning activities for noise, smoke, dust, traffic, etc:

All complaints are handled by the Ft. Benning Public Affairs Office: There were six complaints in CY 2004

Threatened and Endangered Species summary information

There are 96 species (four amphibians, eight birds, seven fishes, four mammals, four mussels, nine reptiles, and 60 plants) of conservation concern found on Fort Benning. Five federally listed threatened and endangered species occur at Fort Benning. These include the red-cockaded woodpecker (E), wood stork (E), bald eagle (T), American alligator (T [S/A], in which S/A = due to similar appearance), and relict trillium (E). Fort Benning has one of the largest red-cockaded woodpecker populations in the southeastern United States, with 243 active manageable clusters and 28 known, active unmanageable clusters.

Army Strategy for the Environment

The Army Strategy for the environment represents ... a major advancement in the Army's appreciation of the interdependence between our mission, the community, and the environment... We have adopted the following (Army-wide) goals in order to achieve an enduring Army enabled by sustainable operations, installations, systems, and communities...

Foster a Sustainability Ethic – foster an ethic within the Army that takes us beyond environmental compliance to sustainability.

Strengthen Army Operations – strengthen Army operational capability by reducing our environmental footprint through more sustainable practices.

Meet Test, Training, and Mission Requirements – meet current and future training, testing, and other mission requirements by sustaining land, air, and water resources.

Minimize Impacts and Total Ownership Costs – minimize the impacts and total ownership costs of Army systems, materiel, facilities, and operations by integrating the principles and practices of sustainability.

Enhance Well-being – enhance the well-being of our soldiers, civilians, families, neighbors and communities through leadership in sustainability.

Drive Innovation – use innovative technology and the principles of sustainability to meet user needs and anticipate future Army challenges.

Implementation of this Strategy is vital to the Army's continued relevance, especially in support of the Army Campaign Plan. Our readiness and security are at stake. We will Sustain the Mission – Secure the Future.

Excerpted from the US Army Strategy for the Environment. Signed 1 OCT 2004 by
Peter Schoomaker
General, United States Army
Chief of Staff
And R.L. Brown
Acting Secretary of the Army