



# CHARLESTON AIR FORCE BASE



## ECONOMIC IMPACT ANALYSIS FISCAL YEAR 1999



Graphic Created By:  
SSgt Terra Razd



## **The 437th Airlift Wing Vision:**

**“Providing the premier airlift force for America  
...from the world’s premier air base”**

## **Our Mission:**

**“Professionals working together to support, train,  
and provide the world’s best airlift force for America”**

## **Executive Commitment:**

**The 437th Airlift Wing is comprised of outstanding people doing outstanding things for the Air Force and our greater Charleston community. We are committed to empowering our people to do the right thing, the right way, at the right time, and at the right cost. We shall continually better our customers’ expectations of the products and services provided.**

**Enclosed is the Charleston Air Force Base “Economic Impact Analysis” for Fiscal Year 1999. An Economic Impact Analysis estimates the economic effect an installation has on its local area, hereafter referred to as “economic area.” An economic area is generally defined as a Metropolitan Statistical Area (MSA). Charleston AFB is part of the Charleston-North Charleston SC MSA.**

**In Fiscal Year 1999, Charleston Air Force Base conducted ten Economic Impact Analysis presentations to local community civic leaders and organizations. Additionally, over two hundred copies were distributed and a front-page article in the Post and Courier was published.**

**Commander  
437th Airlift Wing**

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# FOREWORD

## CHARLESTON AIR FORCE BASE ECONOMIC IMPACT ANALYSIS FISCAL YEAR 1999

Charleston AFB's primary mission is airlift-professionals working together to support, train and provide the world's best airlift force for America. The base is also home of the 315th Reserve Airlift Wing. In addition, there are several tenant units, some directly supporting the base, and others carrying out their own missions using Charleston facilities.

Approximately 3,236 individuals live on Charleston AFB in the 1,465 family housing units and seven dormitories provided for members and their families.

Charleston's workforce consists of 7,595 military members and civilian employees. Approximately 3,872 are active duty, 2,303 are Air Force Reserve, and 1,420 are civilian employees. Civilian employees are divided into three major categories: Wage Grade employees, General Schedule Civil Service employees, and Non-Appropriated Fund employees (included in the non-appropriated numbers are private businesses; i.e., Base Exchange, Commissary, and Bank of America).

The economic impact of Charleston AFB on the local area was approximately \$439.2 million last fiscal year. This amount represents wages and salaries of all military and civilian employees. Also included are local contracts and construction expenditures, educational aid, health payments, and Base Exchange/Commissary contracts.

**NOTE:** The contributions are down by 32%, or \$206 million this year, based on SAF/FM guidance to exclude retiree salaries and benefits.

## METHODOLOGY

The total economic impact of a base on its economic area is computed by summing annual base payroll, annual base expenditures, and the estimated dollar value of indirect jobs created. An economic area is generally defined as a Metropolitan Statistical Area (MSA). The indirect job multipliers for Air Force installations lists Charleston AFB as the Charleston-North Charleston SC MSA. The average annual pay for the local area was obtained from the Charleston Chamber of Commerce, using South Carolina Employment Security Commission labor Market Information Division data. This analysis was prepared using a Secretary of the Air Force / Directorate of Economics and Business Management (SAF/FMCE) program that was developed within the parameters of the Office of Secretary Defense's economic impact analysis model. The funding sources used in this analysis are Appropriated Funds (APF) and Non-Appropriated Funds (NAF).

\* \* \* \* \*

## AVAILABILITY OF INFORMATION

This Economic Impact Analysis (EIA) provides unclassified key information about the resources and economic impact of Charleston AFB on the surrounding communities. Release of this document to non-military individuals must be obtained from the Public Affairs Office at Charleston AFB SC (843) 963-5608, or DSN 673-5608. Questions concerning the content of this analysis should be directed to the Public Affairs Office.

Information contained in this analysis is current as of 30 September 1999. This analysis was prepared by **SSgt Maurice Isom, 437 CPTS/FMA**, front cover bottom graphic designed by **SSgt Terra Razo, 437 CSISCS**, and base photographs provided by **Sra Jeffrey Martinez, 437 CESICECC**.

# FORCE STRUCTURE

Aircraft Type

#Assigned

C-17A  
C-141B

42  
14





## VALUE OF RESOURCES

As of: 30 Sep 99

### WEAPONS SYSTEMS

Aircraft C-17A	(42)	\$11,676,000,000
C-141B	(14)	\$572,600,000
<b>TOTAL:</b>		<b>\$12,248,600,000</b>

### INVENTORIES

Stock Fund		\$768,337,482
Sales Outlets		
Commissary		\$737,889
AAFES		\$4,805,000
NAF		\$277,361
<b>Total:</b>		<b>\$774,157,732</b>

### EQUIPMENT

Appropriated Fund		\$171,125,112
NAF		\$10,219,612
AAFES		\$6,000,000
Commissary		\$970,547
<b>Total:</b>		<b>\$188,315,271</b>

### CAPITAL ASSETS

Buildings and Real Property		\$191,287,985
Land		\$2,469,045
<b>TOTAL:</b>		<b>\$193,757,030</b>

### RETAIL SALES

AAFES		\$29,750,588
Commissary		\$27,848,691
NAF		\$3,391,830
<b>Total:</b>		<b>\$60,991,109</b>

### TOTAL VALUE OF RESOURCES

**\$13,465,821,142**

**ECONOMIC IMPACT ANALYSIS  
CHARLESTON AFB - FY99**

**TABLE 1  
PERSONNEL BY CLASSIFICATION AND HOUSING LOCATION**

As of: **30 Sep 99**

CLASSIFICATIONS	LIVING ON BASE	LIVING OFF BASE	TOTAL
<b>1. APPROPRIATED FUND MILITARY</b>			
Active Duty	1,526	2,346	3,872
Air Force Reserve	23	2,280	2,303
Trainees/Cadets	<u>0</u>	<u>0</u>	<u>0</u>
<b>TOTAL:</b>	<b>1,549</b>	<b>4,626</b>	<b>6,175</b>
<b>2. ACTIVE DUTY MILITARY DEPENDENTS</b>			
	1,687	2,477	4,164
<b>3. APPROPRIATED FUND CIVILIANS</b>			
General Schedule			522
Federal Wage Grade			356
Seasonal, Temporary, and Overhires			<u>54</u>
		<b>TOTAL:</b>	<b>932</b>
<b>5. NON-APPROPRIATED FUND CONTRACT CIVILIANS AND PRIVATE BUSINESS</b>			
Civilian NAF			230
Civilian BX			172
Civilian DECA			86
Private Businesses on Base: (Bank of America)			<u>5</u>
		<b>TOTAL:</b>	<b>488</b>
<b>TOTAL PERSONNEL:</b>			<b>11,759</b>

**ECONOMIC IMPACT ANALYSIS  
CHARLESTON AFB - FY99**

**TABLE 2  
ANNUAL PAYROLL BY CLASSIFICATION AND HOUSING LOCATION**

<b>As of:</b>	<b>30 Sep 99</b>		
<b>CLASSIFICATION</b>	<b>LIVING ON BASE (\$)</b>	<b>LIVING OFF BASE (\$)</b>	<b>TOTAL (\$)</b>
<b>1. APPROPRIATED FUND MILITARY</b>			
Active Duty	\$22,561,617	\$35,288,683	\$57,850,300
ANG/Reserve	\$205,402	\$20,334,788	\$20,540,190
Trainees/Cadets	\$0	\$0	\$0
<b>TOTAL:</b>	<b>\$22,767,019</b>	<b>\$55,623,471</b>	<b>\$78,390,490</b>
<b>2. APPROPRIATED FUND CIVILIANS</b>			
General Schedule			\$23,448,880
Federal Wage Grade			\$15,911,740
Seasonal, Temporary, and Overhires			<u>\$2,512,380</u>
		<b>TOTAL:</b>	<b>\$41,873,000</b>
<b>3. NON-APPROPRIATED FUND CONTRACT CIVILIANS AND PRIVATE BUSINESS</b>			
Civilian NAF			\$3,040,688
Civilian BX			\$2,233,000
Civilian DECA			\$2,628,808
Private Businesses On Base: (Bank of America)			<u>\$112,619</u>
		<b>TOTAL:</b>	<b>\$8,015,115</b>
	<b>TOTAL ANNUAL PAYROLL:</b>		<b>\$128,278,605</b>

**ECONOMIC IMPACT ANALYSIS  
CHARLESTON AFB - FY99**

**TABLE 3  
EXPENDITURES FOR CONSTRUCTION, SERVICES, AND PROCUREMENT OF  
MATERIALS, EQUIPMENT, AND SUPPLIES**

**As of: 30 Sep 99**

		<b>ACTUAL ANNUAL EXPENDITURES</b>
<b>1. CONSTRUCTION</b>		
<b>Military Construction Program</b>		<b>\$7,952,800</b>
Non-Appropriated Fund		\$406,500
Military Family Housing		<b>\$4,117,200</b>
<b>O &amp; M</b>		<b>\$3,361,500</b>
TWCF		<b>\$11,354,900</b>
DOD Dorm Construction		<u>\$0</u>
	<b>TOTAL:</b>	<b>\$27,192,900</b>
<b>2. SERVICES</b>		
Service Contracts *	<b>TOTAL:</b>	<u><b>\$4,186,046</b></u>
<b>3. MATERIALS, EQUIPMENT, AND SUPPLIES PROCUREMENT</b>		
<b>Base Exchange</b>		<b>\$141,524</b>
Commissary		\$105,000
Health (CHAMPUS, Government Cost Only)		<b>\$22,805,260</b>
Education (Impact Aid [IA] and Tuition Assistance)		<b>\$1,213,064</b>
* IA-Berkeley County	\$105,225	
IA-Charleston County	\$550,812	
IA-Dorchester County	\$62,327	
Tuition Assistance	\$494,700	
* includes only AF Dependents		
TDY-Billeting (79,629 nights - local contract quarters)		<b>\$3,981,450</b>
Other Materials, Equipment & Supplies (not elsewhere included)		<u><b>\$14,354,700</b></u>
	<b>TOTAL:</b>	<b>\$171,793,998</b>
<b>TOTAL ANNUAL EXPENDITURES:</b>		<b>\$203,172,944</b>

\* Includes only contracts in the local economic area or contracts requiring the use of locally supplied goods and services.

**ECONOMIC IMPACT ANALYSIS  
CHARLESTON AFB - FY99**

**TABLE 4  
ESTIMATE NUMBER AND DOLLAR VALUE OF INDIRECT JOBS CREATED**

As of: **30 Sep 99**

Type of Personnel	# of Base Jobs	Multiplier	# of Indirect Jobs
ACTIVE DUTY MILITARY	3,872	6.41	1,588
RESERVE/ANG/TRAINEES	2,303	6.16	368
APF CIVILIANS	932	9.55	513
NAF CIVILIANS, BX, AND PRIVATE BUSINESS	488	6.55	268
<b>TOTAL:</b>	<b>7,595</b>		<b>2,737</b>

**ESTIMATED NUMBER OF INDIRECT JOBS CREATED: 2,737**

**AVERAGE ANNUAL PAY FOR THE LOCAL COMMUNITY: \$39,400**

**ESTIMATED ANNUAL DOLLAR VALUE OF JOBS CREATED: \$107,837,800**

**Data Sources:**

**Multipliers:** Logistics Management Institute Economic Impact Database, Installations and Indirect / Induced Job Multipliers, Feb 95.

**Average Annual Pay:** Charleston Chamber of Commerce, using South Carolina Employment Security Commission Labor Market Information Division data.

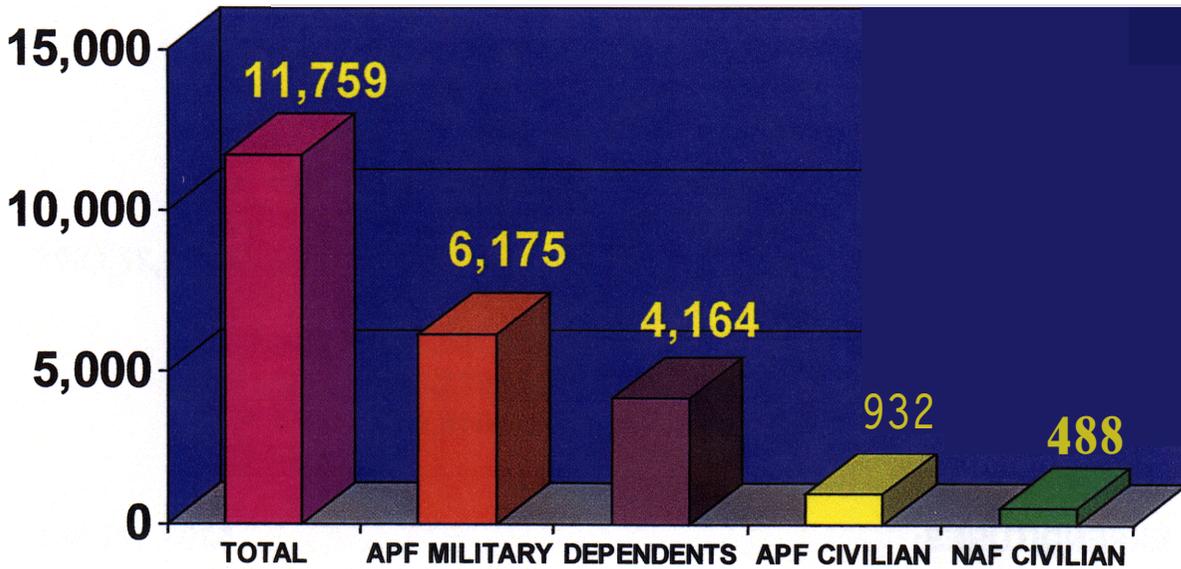
**ECONOMIC IMPACT ANALYSIS  
CHARLESTON AFB - FY99**

**TABLE 5  
Total Annual Economic Impact Estimate**

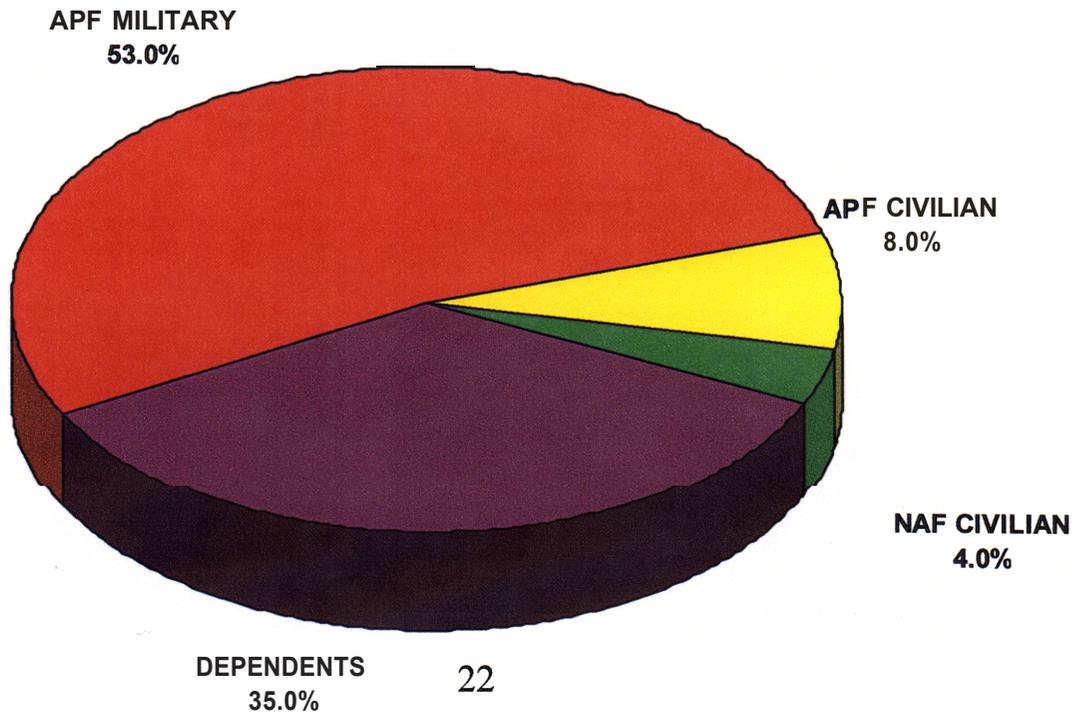
**As of: 30 Sep 99**

<b>ANNUAL PAYROLL:</b>		<b>\$128,278,605</b>
Military	<b>\$78,390,490</b>	
Federal Civilian	<b>\$41,873,000</b>	
NAF Civilians, BX, and Private Business	<b>\$8,015,115</b>	
<b>ANNUAL EXPENDITURES:</b>		<b>\$203,172,944</b>
<b>ESTIMATED ANNUAL DOLLAR VALUE OF JOBS CREATED:</b>		<b>\$107,837,800</b>
Estimated Indirect Jobs Created	<b>2,737</b>	
Average Annual Pay	<b>\$39,400</b>	
<b>GRAND TOTAL</b>		<b>\$439,289,349</b>

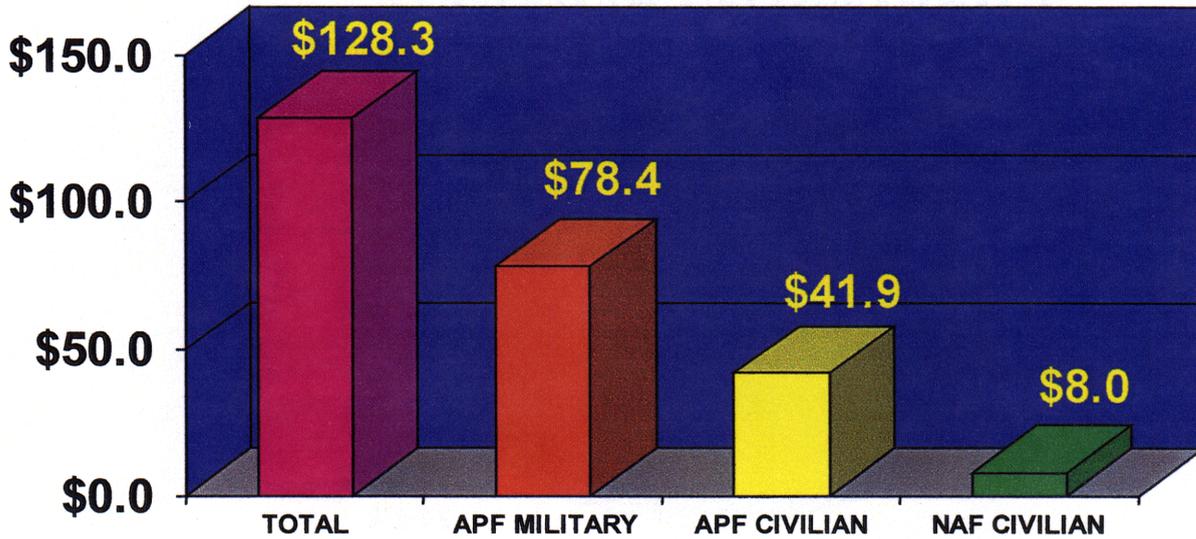
# PERSONNEL SUMMARY CHARLESTON AFB - FY99



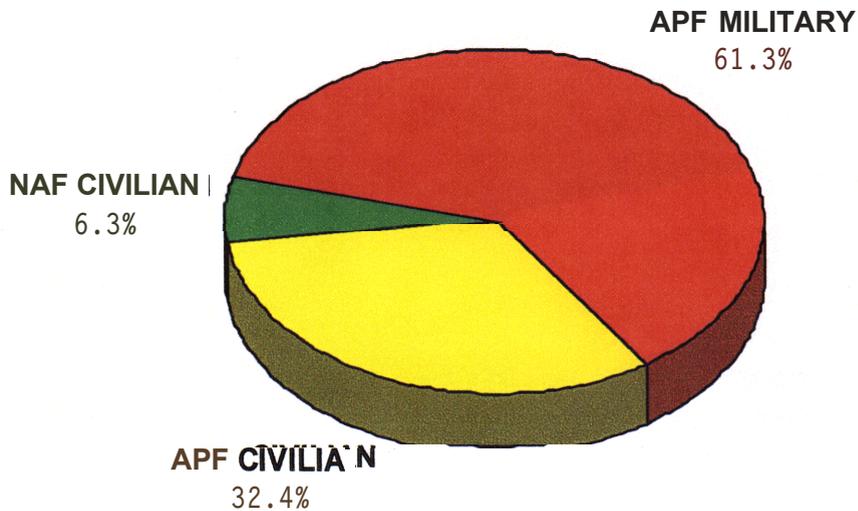
# PERSONNEL SUMMARY BY PERCENT CHARLESTON AFB - FY99



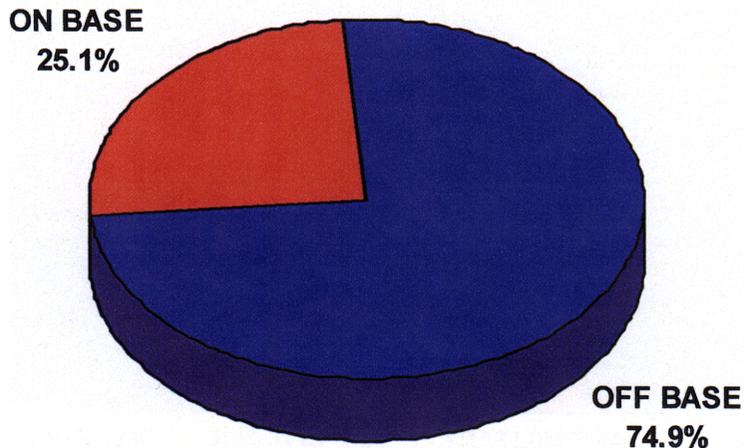
# ANNUAL PAYROLL SUMMARY (\$M) CHARLESTON AFB - FY99



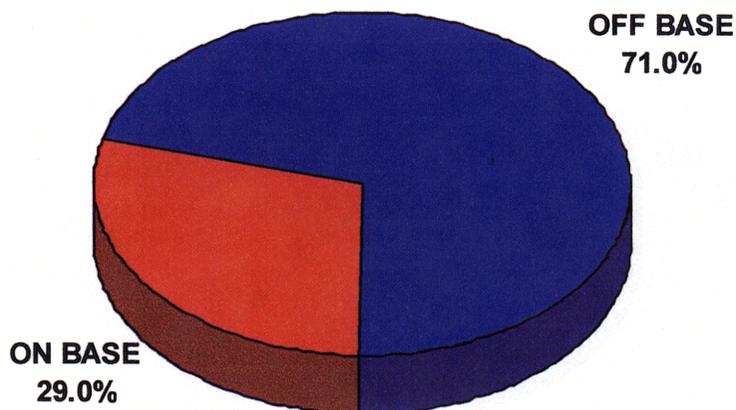
# ANNUAL PAYROLL BY PERCENT CHARLESTON AFB - FY99



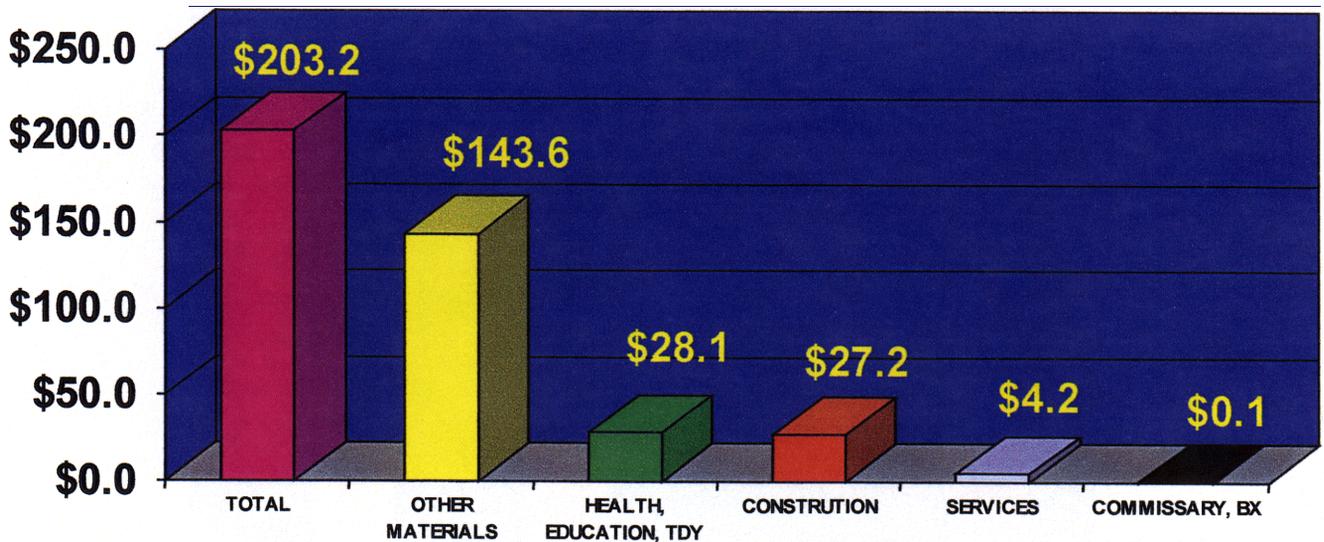
**PERCENT OF APF MILITARY PERSONNEL  
LIVING ON AND OFF BASE  
CHARLESTON AFB - FY99**



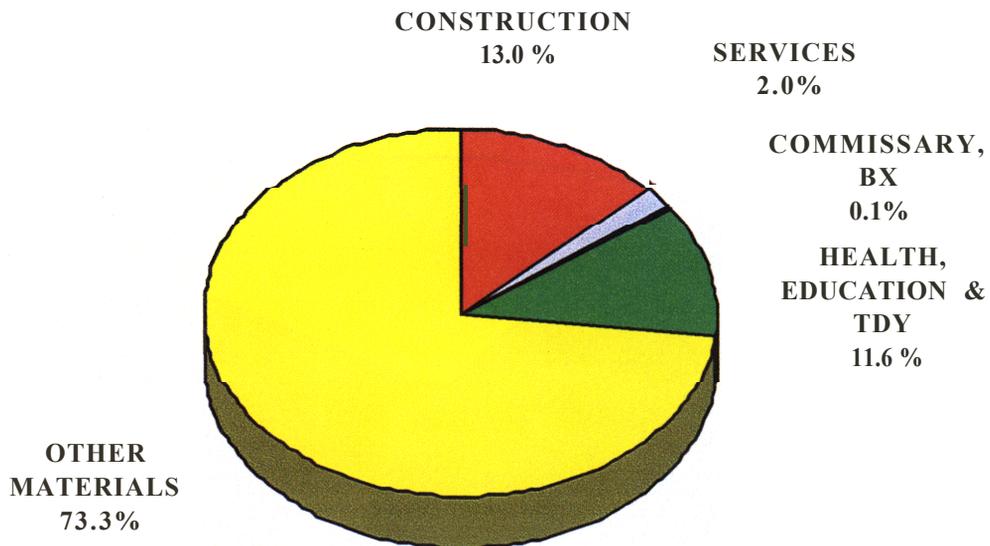
**PERCENT OF APF MILITARY  
PERSONNEL PAYROLL ATTRIBUTABLE TO  
PERSONNEL LIVING ON AND OFF BASE  
CHARLESTON AFB - FY99**



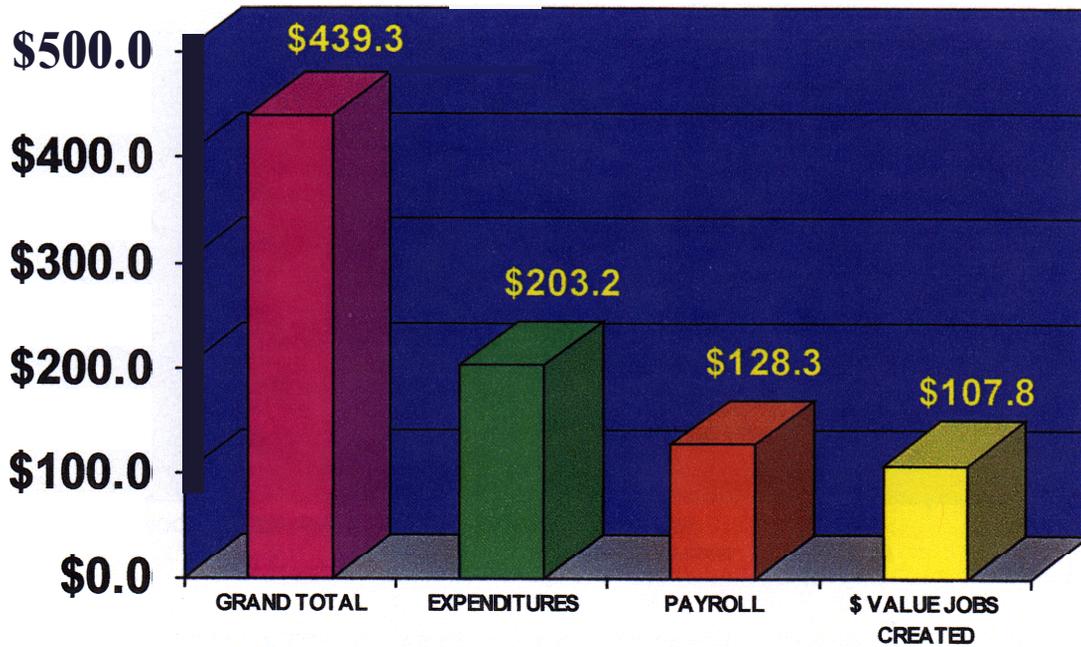
# ANNUAL EXPENDITURE SUMMARY (\$M) CHARLESTON AFB - FY99



## ANNUAL EXPENDITURES BY PERCENT CHARLESTON AFB - FY99



## TOTAL ECONOMIC IMPACT (\$M) CHARLESTON AFB - FY99



## TOTAL ECONOMIC IMPACT BY PERCENT CHARLESTON AFB - FY99

