

## FORT CARSON REGIONAL GROWTH PLAN – ADULT EDUCATION

*Presented by*



Todd Pickton, Managing Director  
Josh Sidon, Associate  
BBC Research & Consulting  
3773 Cherry Creek North Drive  
Suite 850  
Denver, CO 80209-3868  
(303) 321-2547  
[www.bbcresearch.com](http://www.bbcresearch.com)

*Presented to*

**Adult Education and Workforce  
Development Partnership Group**

***DRAFT***

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# OVERVIEW

## ■ **Scope of work**

- Develop growth projections for adult education/workforce development
- Examine capacity of adult education programs
- Analyze the ability to meet current and projected demand
- Identify opportunities to link community workforce needs with adult education programs

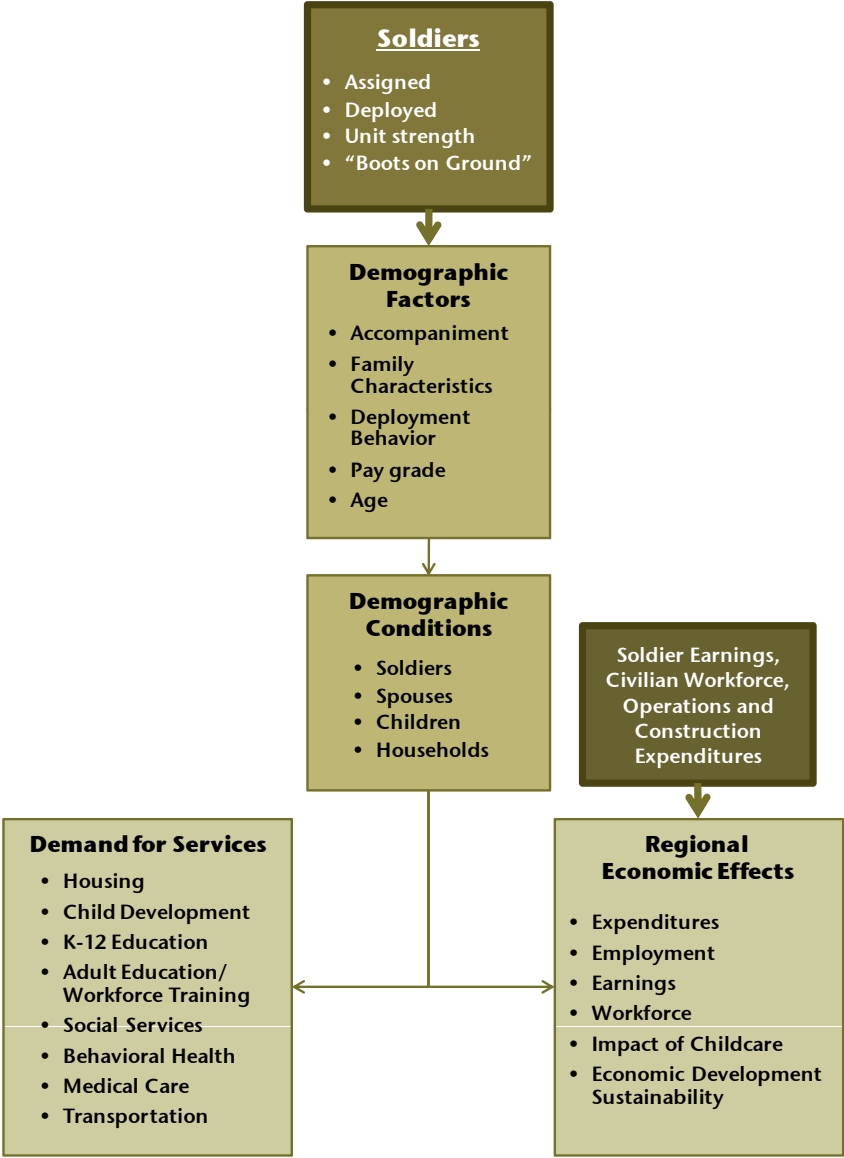
## ■ **Today's topics will include:**

- Fort Carson Regional Growth Model
- Adult Education Model
- Current adult education demand from Fort Carson Soldiers and spouses
- Findings from Adult Education Model
- Adult education unmet community needs
- Identified regional workforce needs

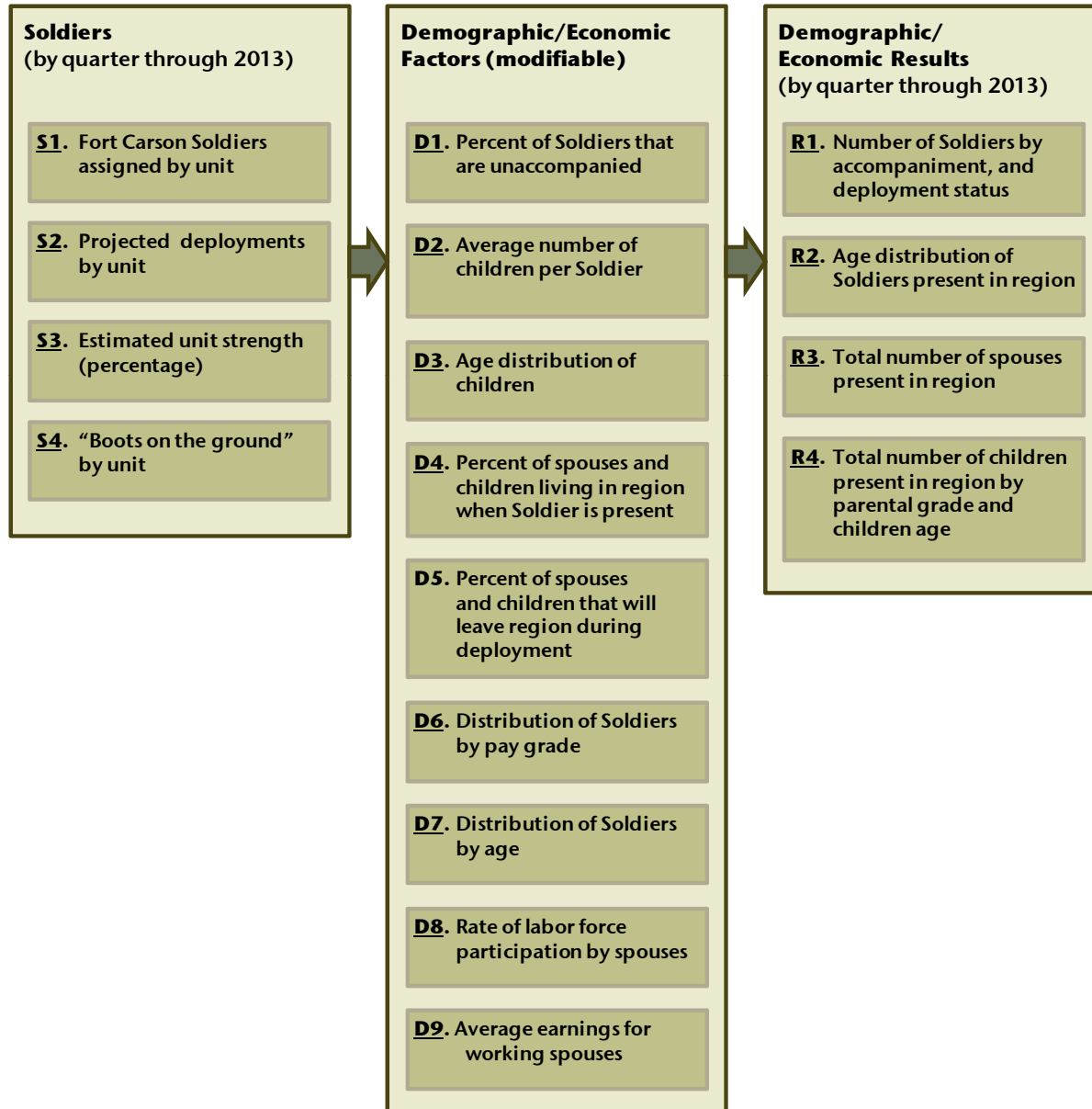
# PROJECTED DEMAND - DATA SOURCES

- **“Assigned and deployed”**
  - Projections from Garrison Command
  - Updated quarterly
- **Fort Hood Survey; 675 responses**
- **Housing Survey from 2008**
  - Special data runs
  - Focus on accompaniment rate, housing needs
- **DEERS data**
  - Working with PPACG
  - Requires data cleaning
  - Valuable for number and ages of children
- **“Boots on the Ground”— 4<sup>th</sup> ID-G1**
  - Comprehensive data set of numbers and pay grade of Fort Carson Soldiers
- **Department of Defense: “Demographics 2007”**
  - Military- and Army-wide demographic data
- **2008 Survey of Active Duty Spouses**
  - Military- and Army-wide demographic data for spouses
- **GoArmyEd DataWarehouse**
  - Soldier adult education participation data
  - Number of Soldiers and total enrollments

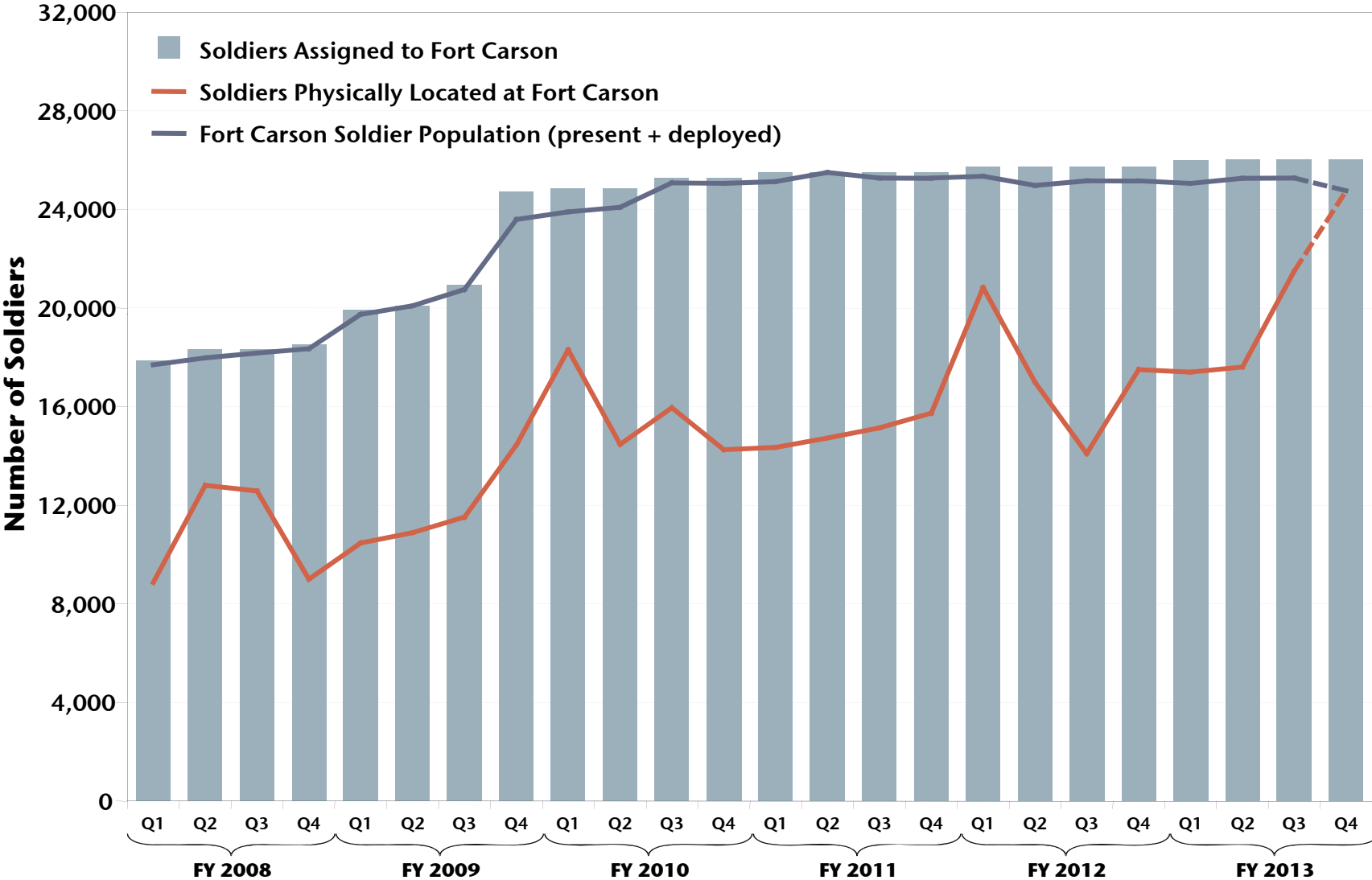
# FORT CARSON SOCIOECONOMIC MODEL



# DEMOGRAPHIC PROJECTIONS

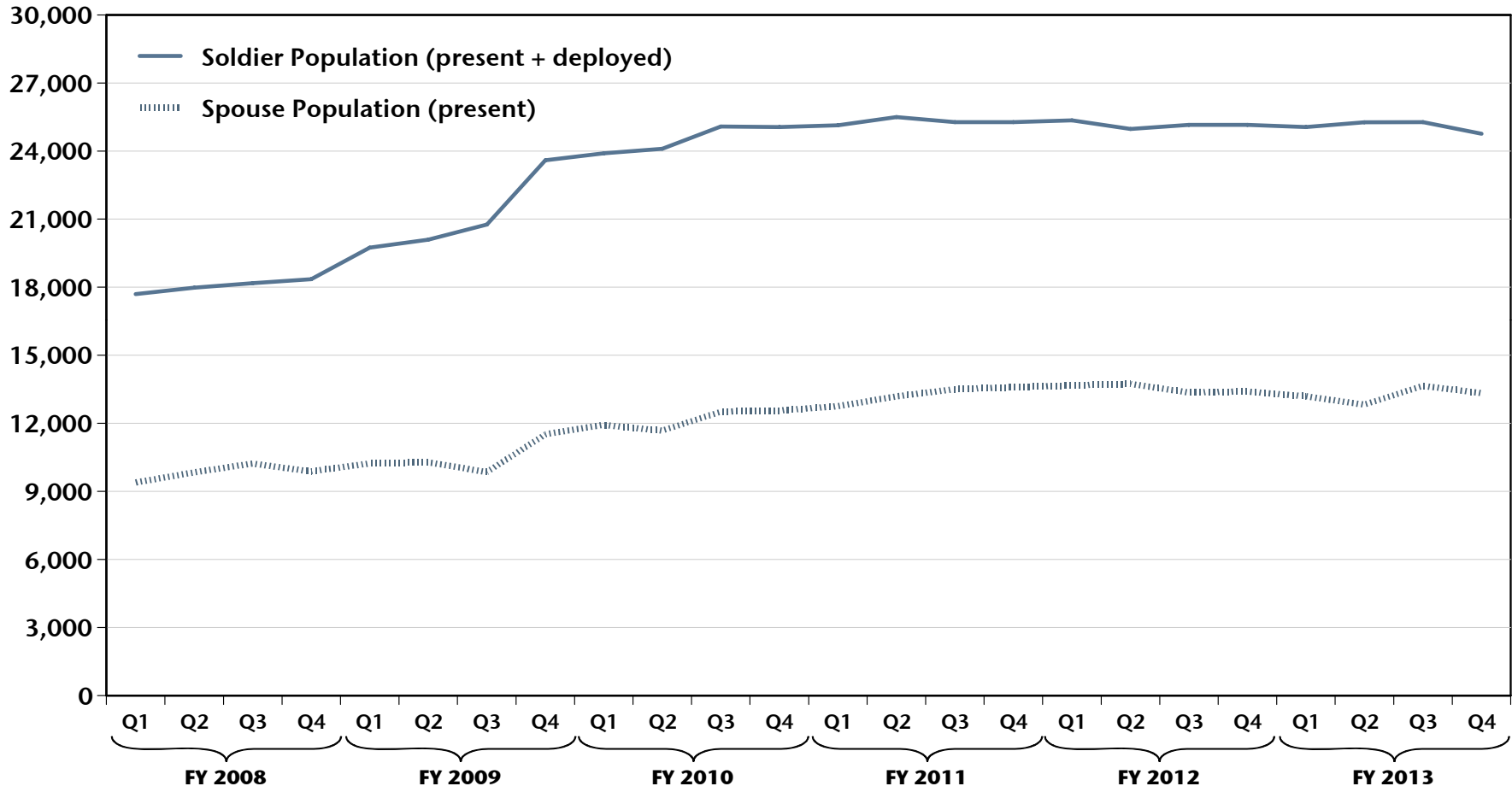


# SOLDIER POPULATION SUMMARY

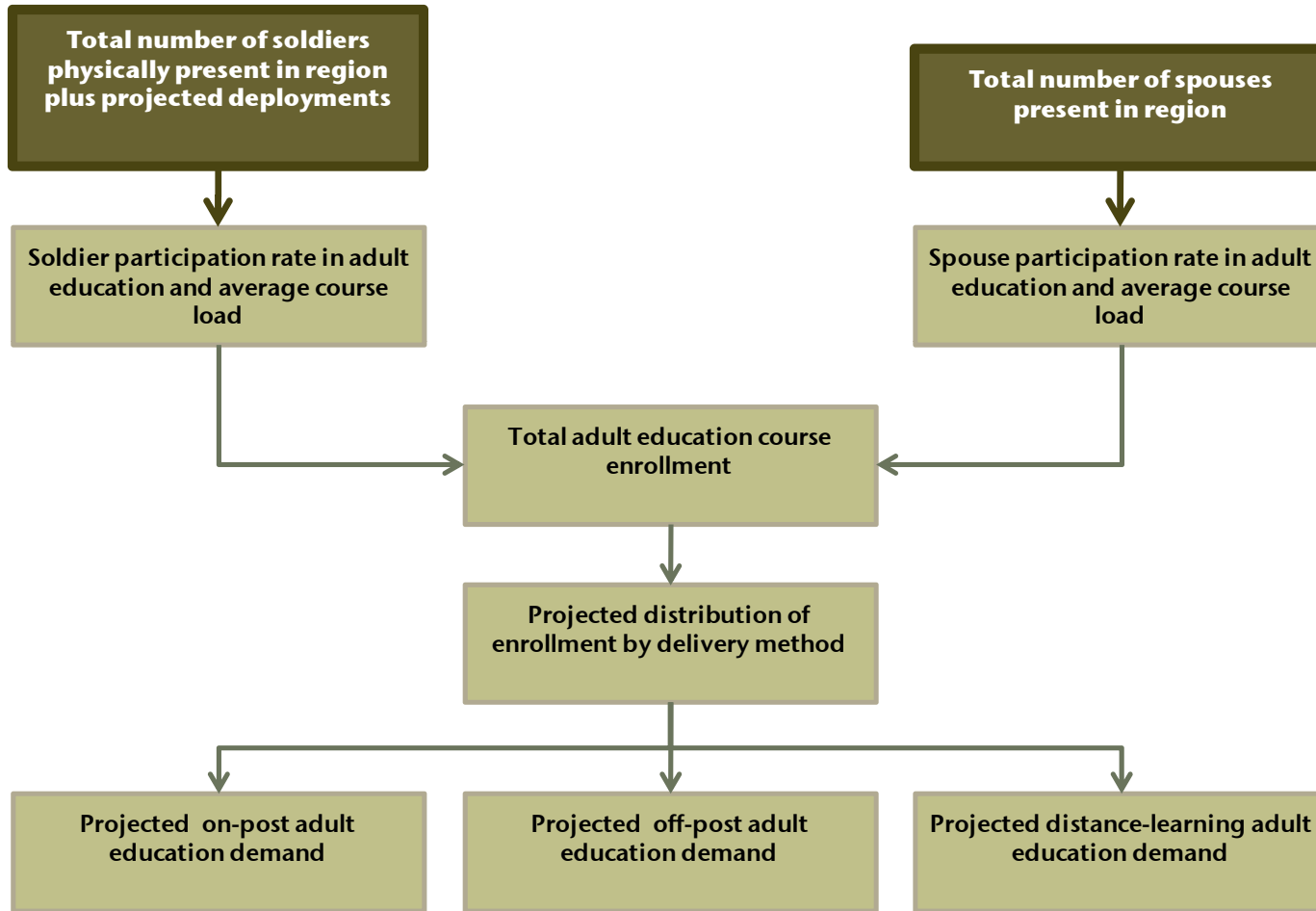


Note: Deployment data are not available for Q4 2013. Additionally, deployment cycles are subject to change.

# POPULATION SUMMARY



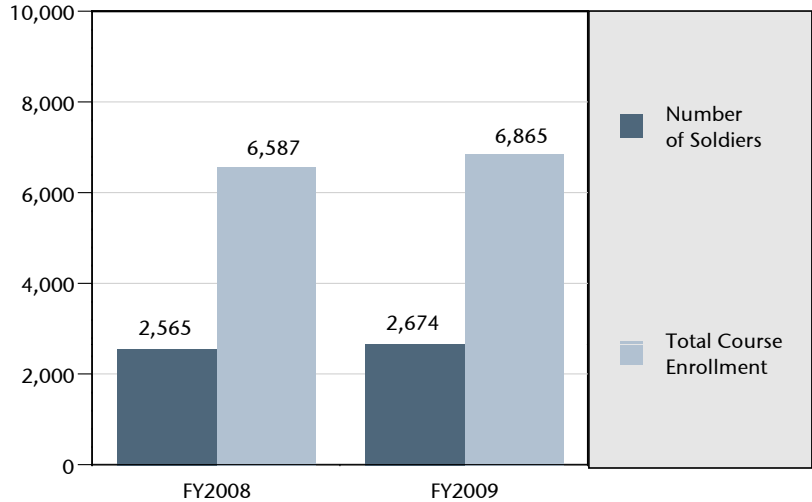
# ADULT EDUCATION MODEL



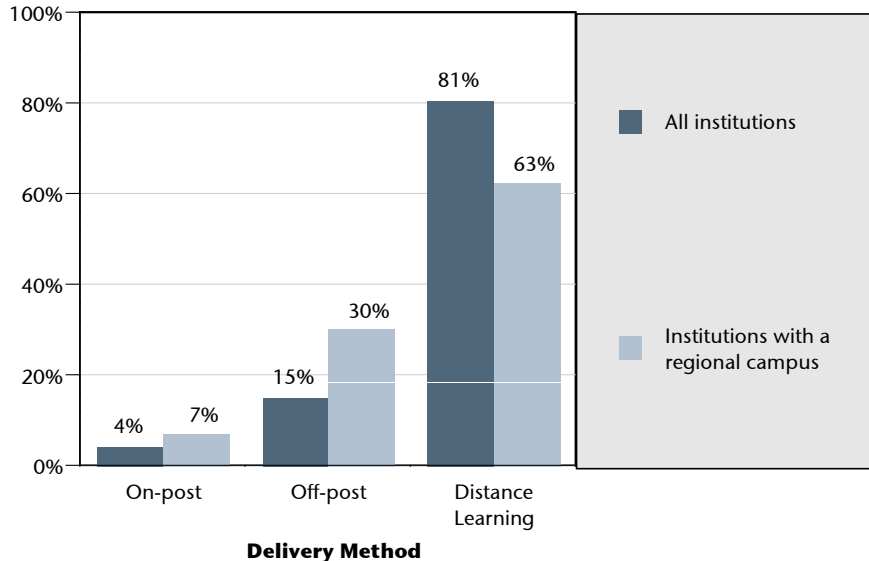
# CURRENT SOLDIER DEMAND FOR ADULT EDUCATION

- **Approximately 2,600 Soldiers participating in adult education – about 13.5 percent of population**
- **Average annual course load is 2.6**
- **Soldier program enrollment:**
  - Associates degree: 40%
  - External degree: 20%-25%
  - Bachelor degree: 30%-35%
  - Remaining in Master degree or Certificate programs
- **Enrollment by subject area:**
  - Core classes: English, mathematics and history
  - Subject areas: business-related, criminal justice
- **Approximately 50 percent of Fort Carson Soldiers’ enrollments are at institutions with a regional campus**

Current Soldier Demand for Adult Education



Delivery Method



# CURRENT SPOUSE DEMAND FOR ADULT EDUCATION

- **Based on estimated number of Fort Carson spouses present in the region and participation rate of 22 percent:**
  - **FY2008: approximately 1,980**
  - **FY2009: approximately 2,300**
- **Enrollment by subject area:**
  - **Educational paths leading to careers that are in high-demand in most locations around the country – often referred to as “portable” careers**
  - **Healthcare and education**

# PROJECTED SOLDIER DEMAND FOR ADULT EDUCATION

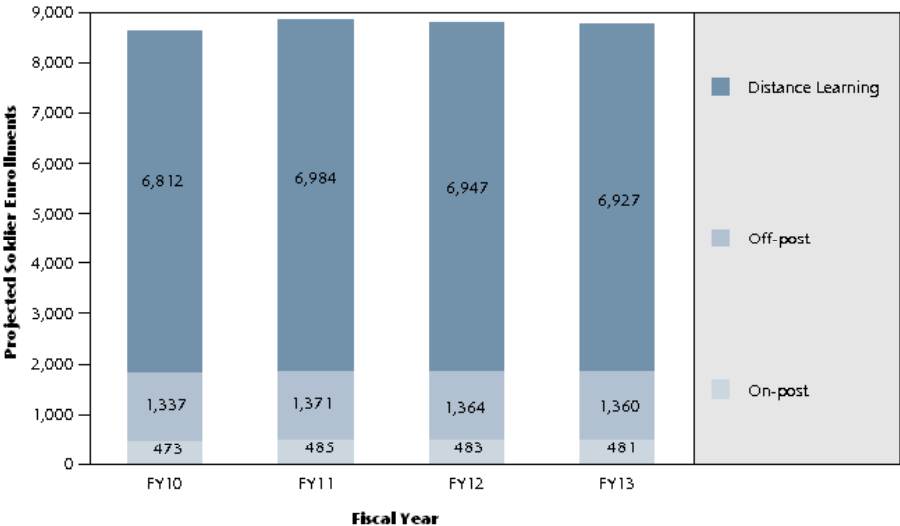
■ **Model inputs:**

- Factors based on data from GoArmyEd DataWarehouse
- Factors estimated using weighted average of the observed data in the two most recent fiscal years

■ **Possible impacts to future demand:**

- State of the economy
- Military conflicts abroad
- Tuition assistance
- Distance learning

	FY10	FY11	FY12	FY13
<b>Total Soldier population</b>	24,668	25,293	25,159	25,085
<b>Soldier adult ed participation</b>				
E1-E6	2,367	2,427	2,414	2,407
E7-E9	659	676	673	671
O1-O4	145	149	148	147
O5+	7	8	8	8
W1-W5	137	141	140	140
<b>Total</b>	3,316	3,400	3,382	3,373
<b>Total enrollment</b>	8,623	8,841	8,794	8,769



# PROJECTED SPOUSE DEMAND FOR ADULT EDUCATION

	FY10	FY11	FY12	FY13
<b>Total spouses</b>	12,443	12,606	12,828	12,138
<b>Spouse adult ed participation</b>	2,737	2,773	2,821	2,890
<b>Total spouse enrollment</b>	8,212	8,320	8,464	8,671
On-post	411	416	423	434
Off-post	2,135	2,163	2,201	2,255
Distance learning/on-line	5,666	5,741	5,840	5,983

■ **Model inputs:**

- Total spouses projected in Fort Carson Socioeconomic Model
- Participation rate of 22% based on 2008 Survey of Active Duty Spouses and Fort Hood Survey
- Average annual enrollment assumed to be 3 courses per year
- Distribution by delivery method based on Fort Hood survey results: 69% online, 26% off-post and 5% on-post

■ **Possible impacts to future demand:**

- State of the economy, military conflicts abroad, tuition assistance
- Childcare
- Transferability of licenses/certifications

# OVERVIEW OF PROVIDERS AND ABILITY TO MEET DEMAND

## ■ On-post (in-classroom)

- Five educational institutions offer on-post courses.
- Historically able to meet demands.
- Uncertainty in current facility’s capacity to meet future demand.

## ■ Off-post (in-classroom)

Institution	Undergraduate	Graduate	Continuing Education	Workforce Development	Vocational
Colorado Christian University at Colorado Springs	✓	✓		✓	
Colorado State University Pueblo	✓	✓			
Colorado Technical University	✓	✓		✓	
DeVry University & Keller Graduate	✓	✓			
National American University	✓	✓	✓	✓	
Pikes Peak Community College	✓	✓	✓	✓	✓
Regis University	✓	✓		✓	
The Colorado College	✓	✓			
University of Colorado at Colorado Springs	✓	✓			
University of Phoenix, Colorado Springs Campus	✓	✓	✓	✓	
Webster University		✓			

- Current capacity is sufficient to meet projected demand from Soldiers and spouses.

## ■ Online/distance learning

- Primary adult education delivery method for Fort Carson Soldiers and spouses (approximately 80%).
- Substantial capacity to meet current and increased future demand.

# ADULT EDUCATION UNMET COMMUNITY NEEDS

- **An improved and enlarged education facility on-post**
- **Improved and more detailed data and demographic information that schools could use to better assess the military students' needs**
- **Improved transferability of courses between institutions including additional collaboration agreements**
- **Identification of community workforce needs and a matching of school programs with those needs**
- **Improved skill training to military members preparing to retire/separate and begin a civilian career**

# REGIONAL WORKFORCE NEEDS

- **Value in linking community workforce needs and training/education programs for Soldiers and spouses**
- **Several other regional groups are addressing regional needs**
  - Operation 60Thirtyfive: regional economic development plan
  - Colorado Springs 2009 Strategic Plan
  - Colorado Springs Regional Economic Development Corporation (EDC)
  - PPWFC
- **Many of the “target” industries are in line with programs being taken by Soldiers and spouses**
  - Aerospace, defense and homeland security
  - Sports, health and wellness
  - K-12 teaching
  - Business and financial operations and entrepreneurs
- **Opportunities for Partnership Group to engage existing economic development collaborations and continue/increase relationships with EDC and PPWFC**

# NEXT STEPS

- **Review select model inputs**
- **Incorporate Partnership Group discussion**
- **Revise draft report**