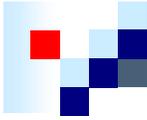


# Data for Assessing the Developmental Disability Services and Supports System of North Carolina

Presentation to the  
NC Institute of Medicine Task Force on Developmental Disabilities  
October 1, 2008

Shealy Thompson, PhD  
Community Policy Management Section  
NC Division of MH/DD/SAS





# Presentation Overview

- Current Services & Supports System
  - Services to persons in need
  - Provider capacity
  
- Sources of Information
  - Division data systems and reports
  - Other sources of data



# Prevalence of DD

- Over 100,000 people in NC have a developmental disability
  - 3.8% of ages 3-5
  - 3.2% of ages 6-16
  - 1.5% of ages 17-24
  - 0.9% of ages 25-34
  - 0.8% of ages 35-44
  - 0.7% of ages 45-54
  - 0.5% of ages 55-64
  - 0.4% of ages 65 & over

Based on *National Health Interview Survey Disability Supplement, 1994-95* and 2007 Census Projections

IOM-DD Presentation, Oct 1, 2008





# Public Services/Supports System

- State Developmental Centers
- Intermediate Care Facilities
- CAP-MR/DD Waiver Services
- State-funded Habilitation Supports

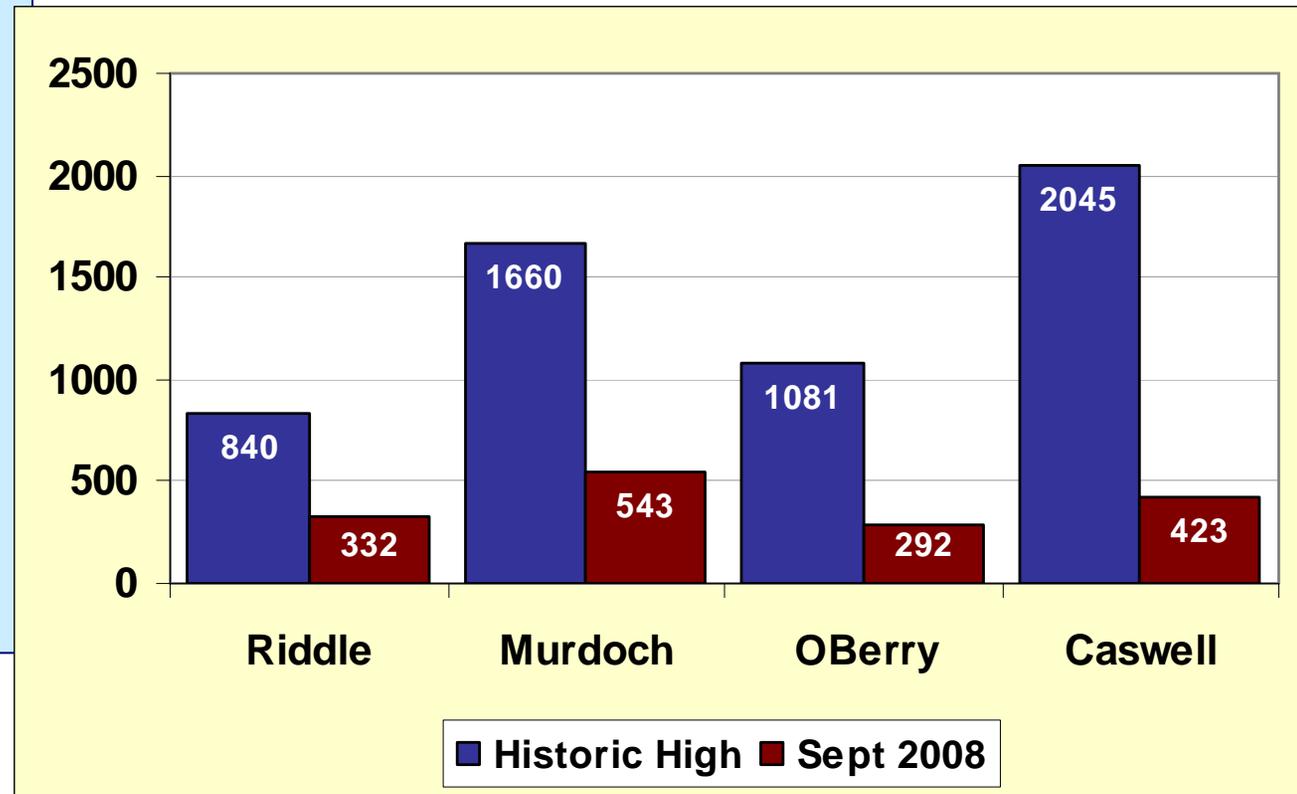
# State Developmental Centers

## *Number of Residents*

1,590 persons  
now live in  
state centers

72% fewer  
than  
historically

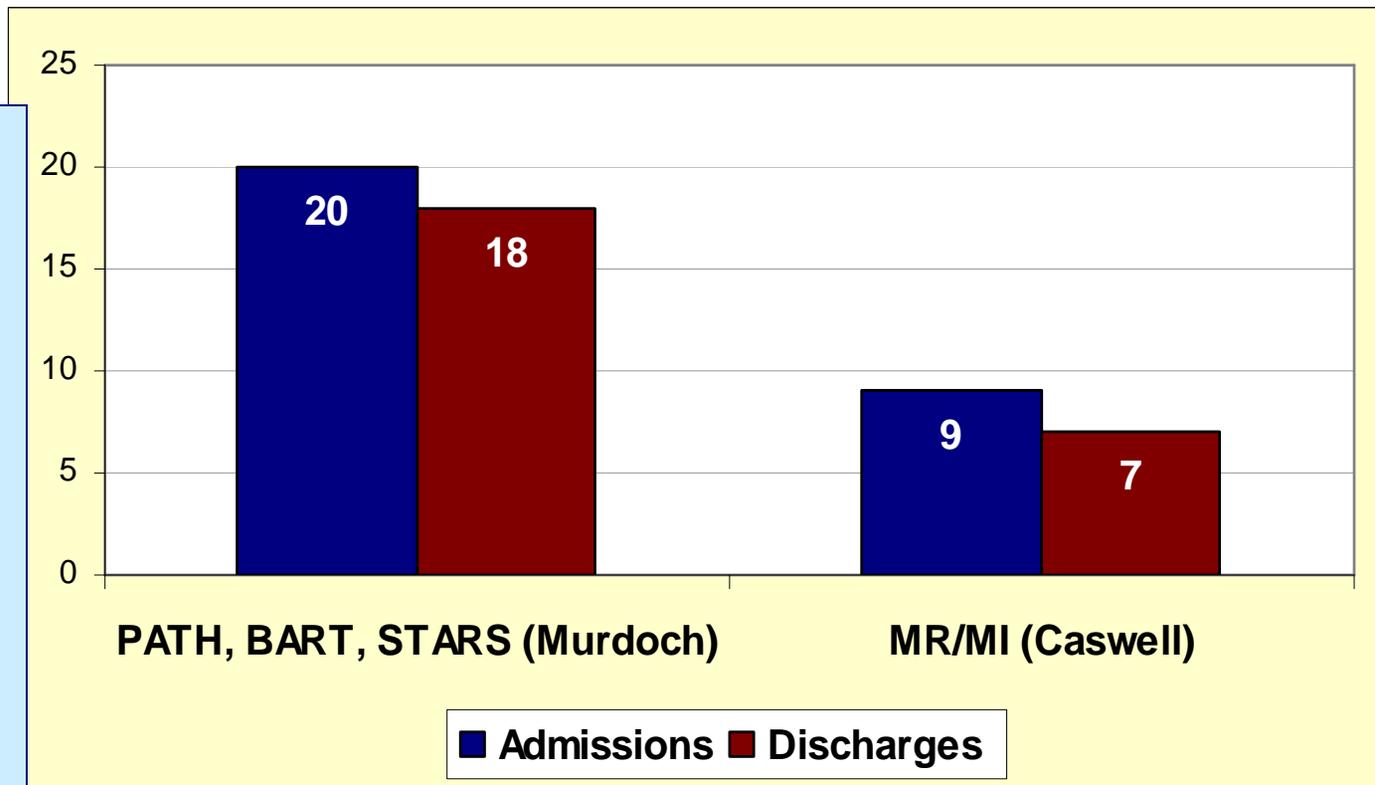
4% fewer than  
SFY07



# Specialty Populations

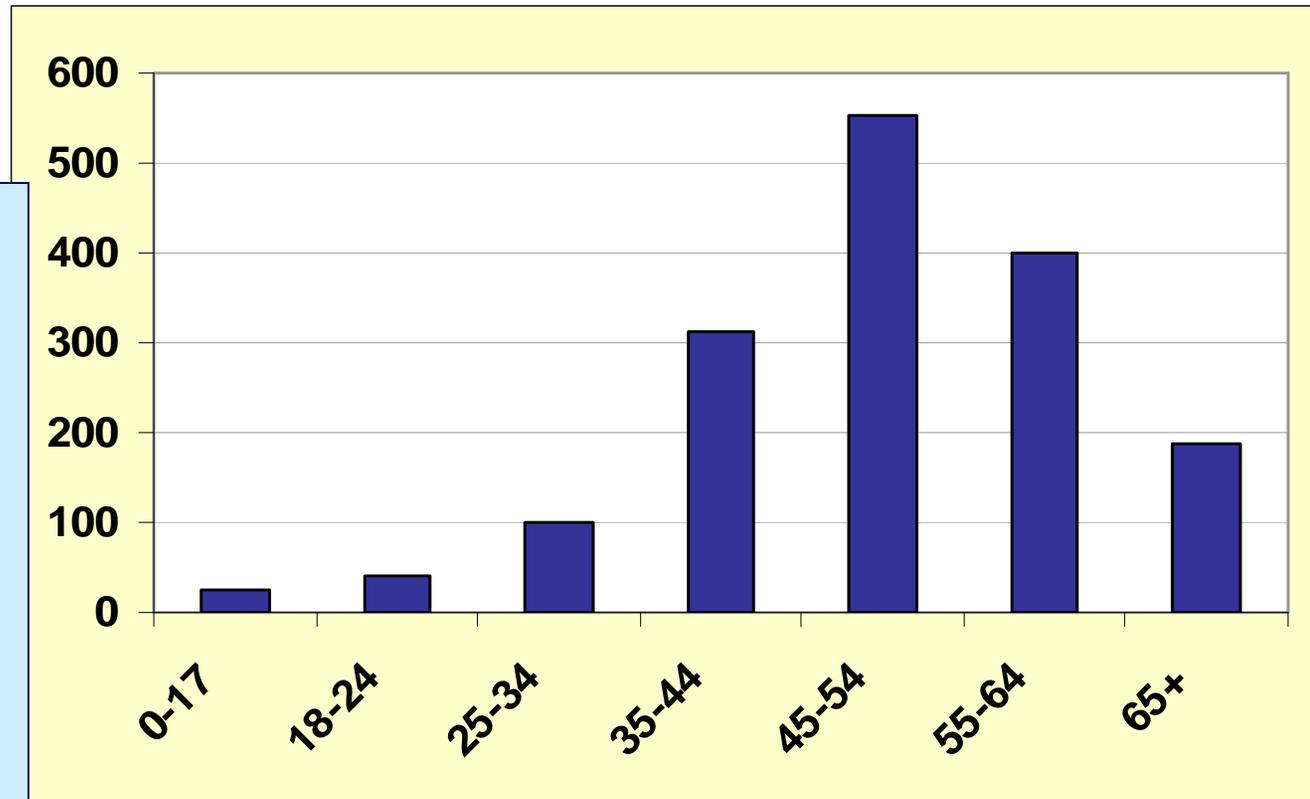
## *Admissions & Discharges SFY 2008*

29 people were admitted and 25 discharged from specialty programs in SFY 2008



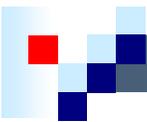
# State Developmental Centers

*Ages of Residents SFY 2007*



One-third of residents in state centers are 45 to 54 years old

More than one-third are 55 or older



# State Developmental Centers

## Settings Prior to Admission SFY 2008

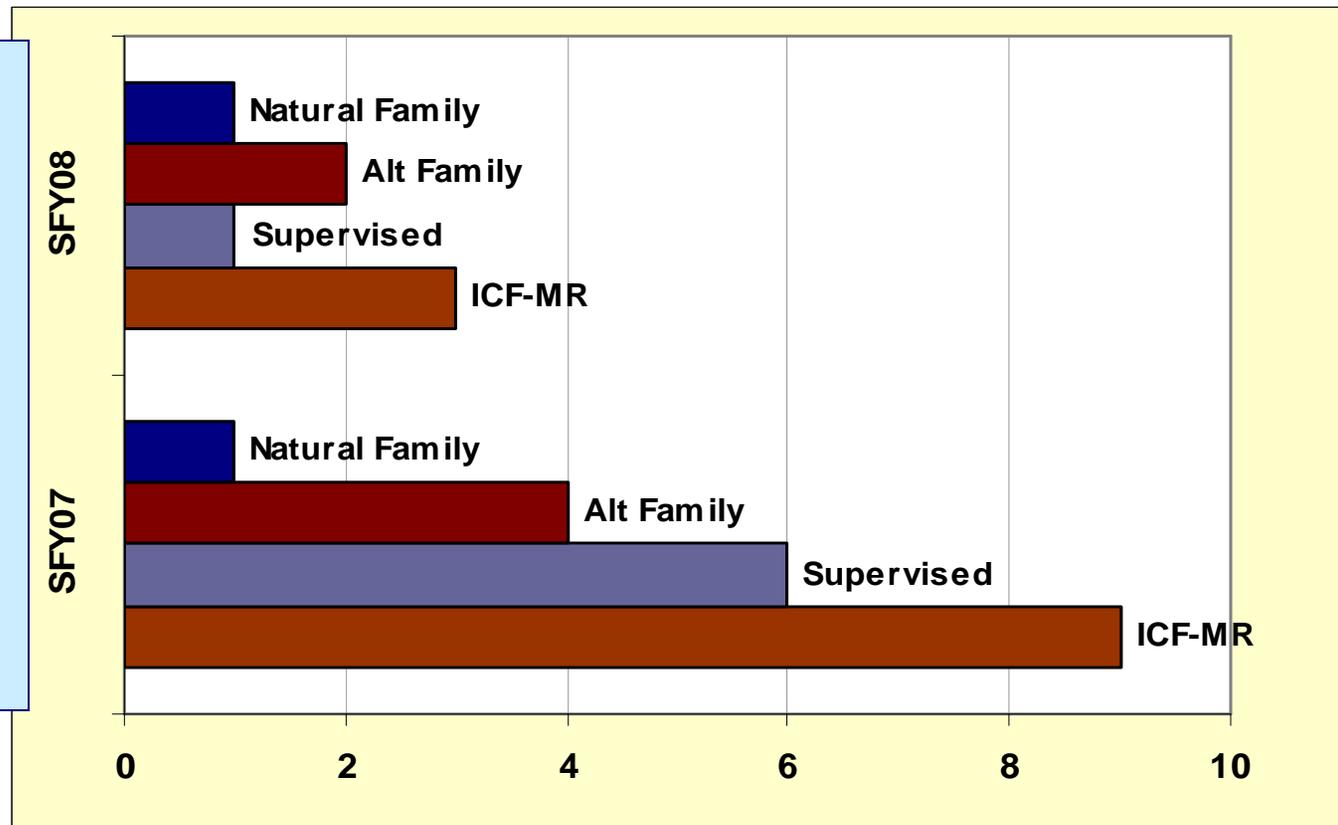
ICF-MR Group Home	9
DDA / Supervised Living	6
State Psychiatric Hospital	6
Natural Family	5
Skilled Nursing / Assisted Living	4
Other State Facility	2
Community Hospital	1
BART Program	1

# Transitions to Community

## *Discharges from the Centers' General Populations*

7 people  
moved to  
community  
settings in  
SFY 2008

20 people  
moved in  
SFY 2007



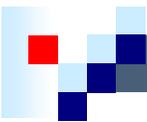
# Supervised Living Facilities

**1,336 total  
facilities**

---

**6,544 total  
beds**

<u><i>Facility Size</i></u>	<u><i>Adult</i></u>	<u><i>Child</i></u>
4 Beds or Less	531	21
5-6 Beds	714	29
7-15 Beds	37	-
16 Beds & Up	4	-



# Intermediate Care Facilities

**330 total  
facilities**

---

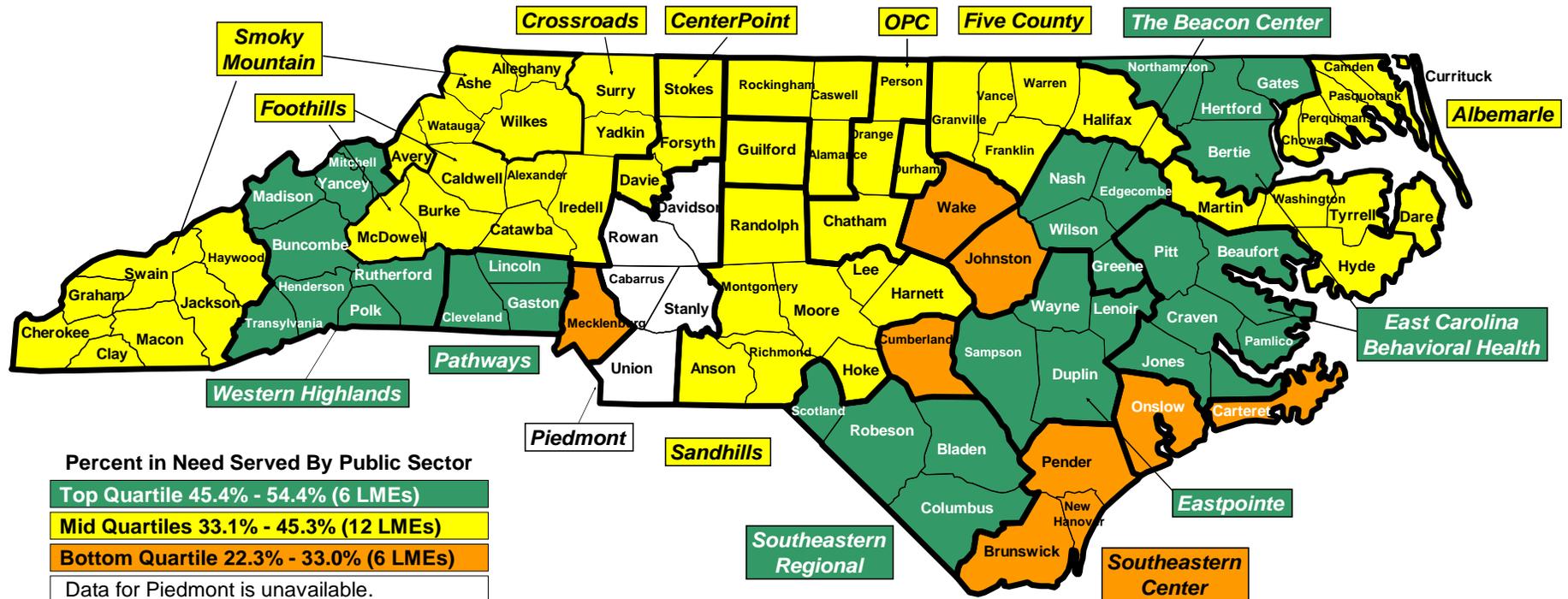
**2,737 total  
beds**

## Private ICF-MR Facilities

4 Beds or Less	1
5-6 Beds	287
7-15 Beds	28
16 Beds & Up	14

# Community Services: Adults

*Treated Prevalence Rates: Calendar Year 2007*



**State Average: 37%**

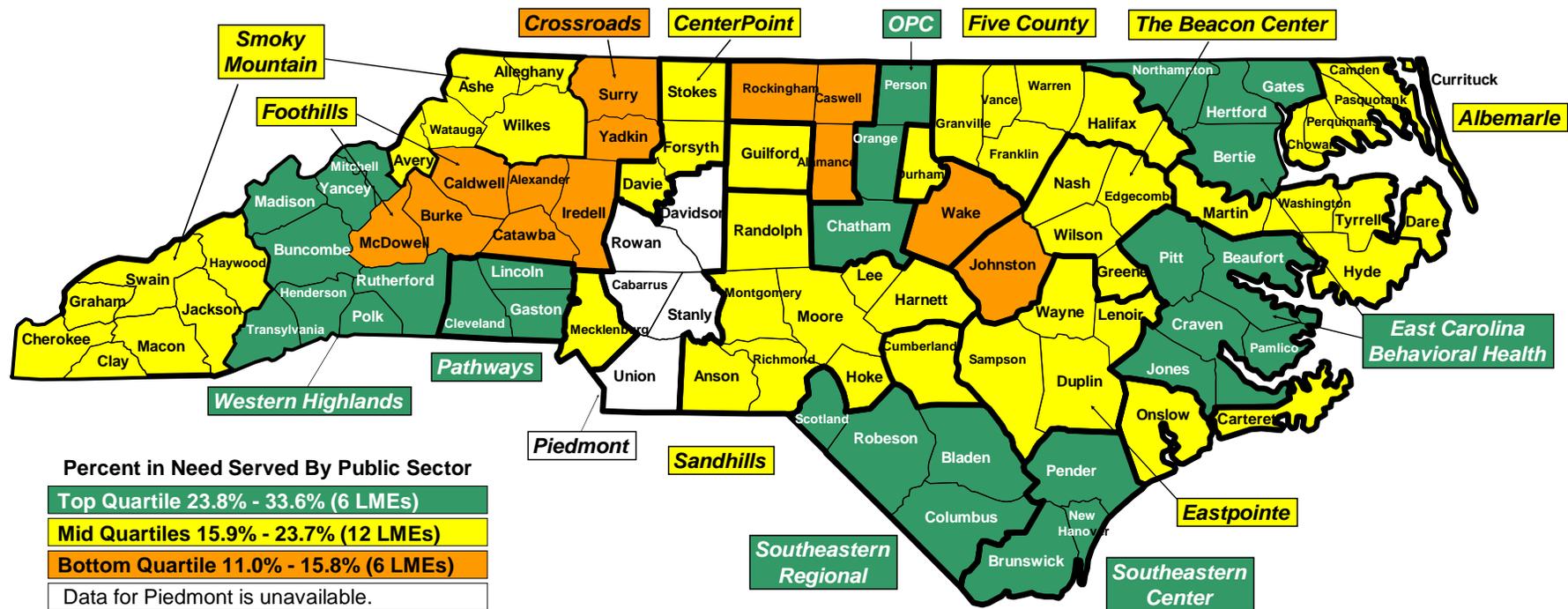
**50,000 adults in need; 18,400 served**

IOM-DD Presentation, Oct 1, 2008



# Community Services: Children

*Treated Prevalence Rates: Calendar Year 2007*

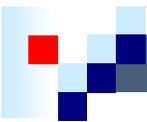


**State Average: 19%**

**53,700 children in need; 10,400 served**

IOM-DD Presentation, Oct 1, 2008





# CAP-MR/DD Waiver Services

## ■ SFY 2008

- 10,077 persons enrolled
- 9,846 persons served
- \$428 million paid (*through August 2008*)

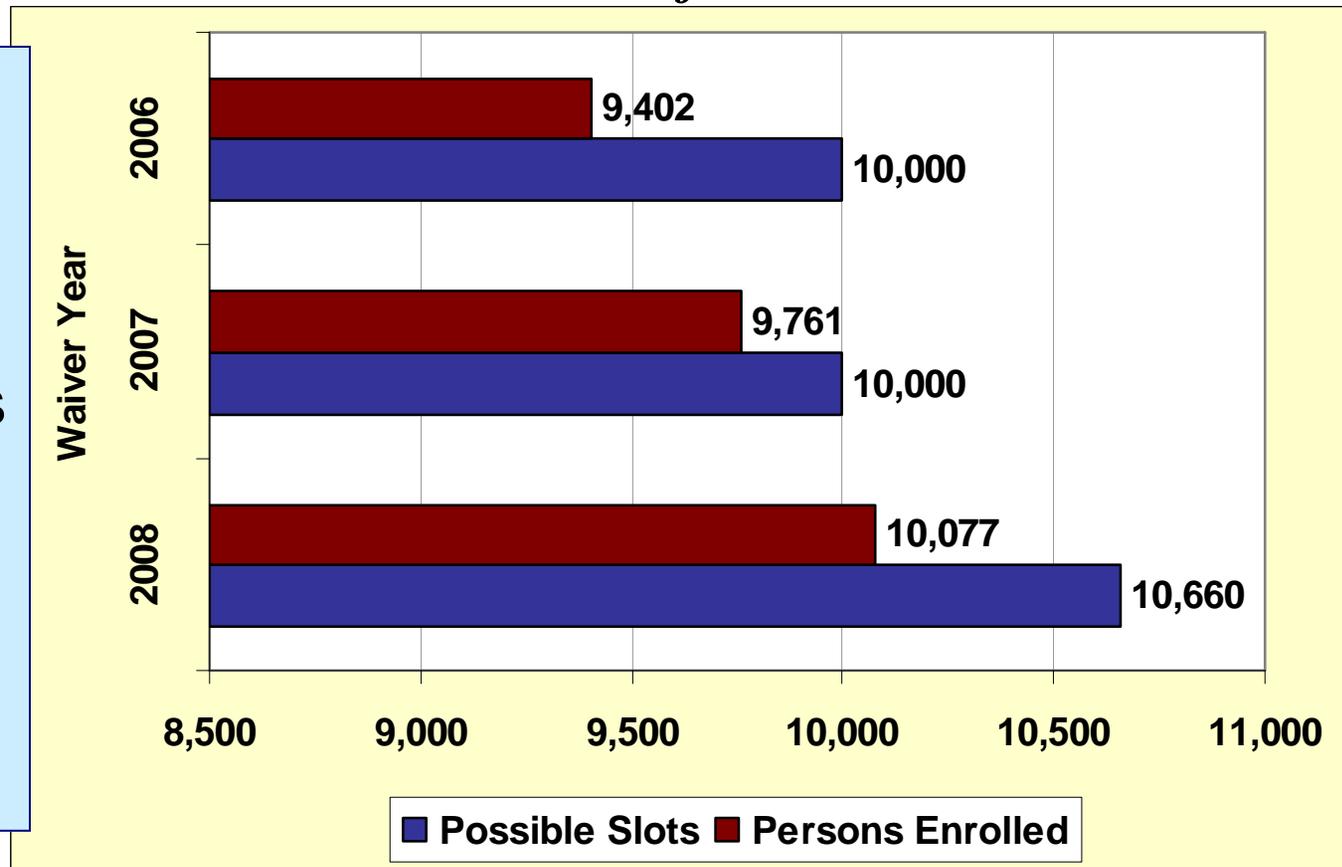
## ■ SFY 2009

- 9,917 persons served (*as of August 2008*)
- \$490 million projected (*based on July-August billings*)

# CAP-MR/DD Waiver Services

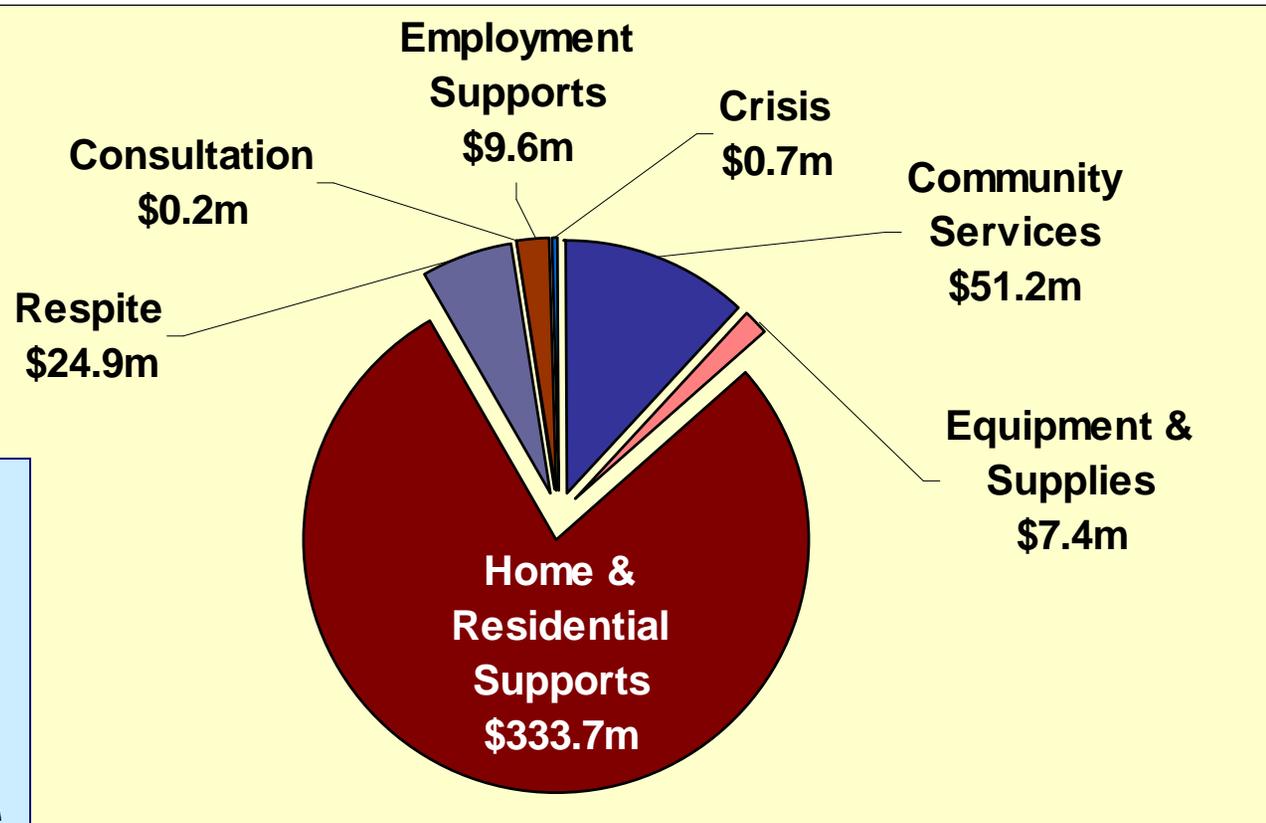
## *Enrollment for Services*

The number of persons receiving waiver services has increased 7% since the current waiver began



# CAP-MR/DD Waiver Services

*Costs of Services SFY 2007*



78% of expenditures were for services where people live

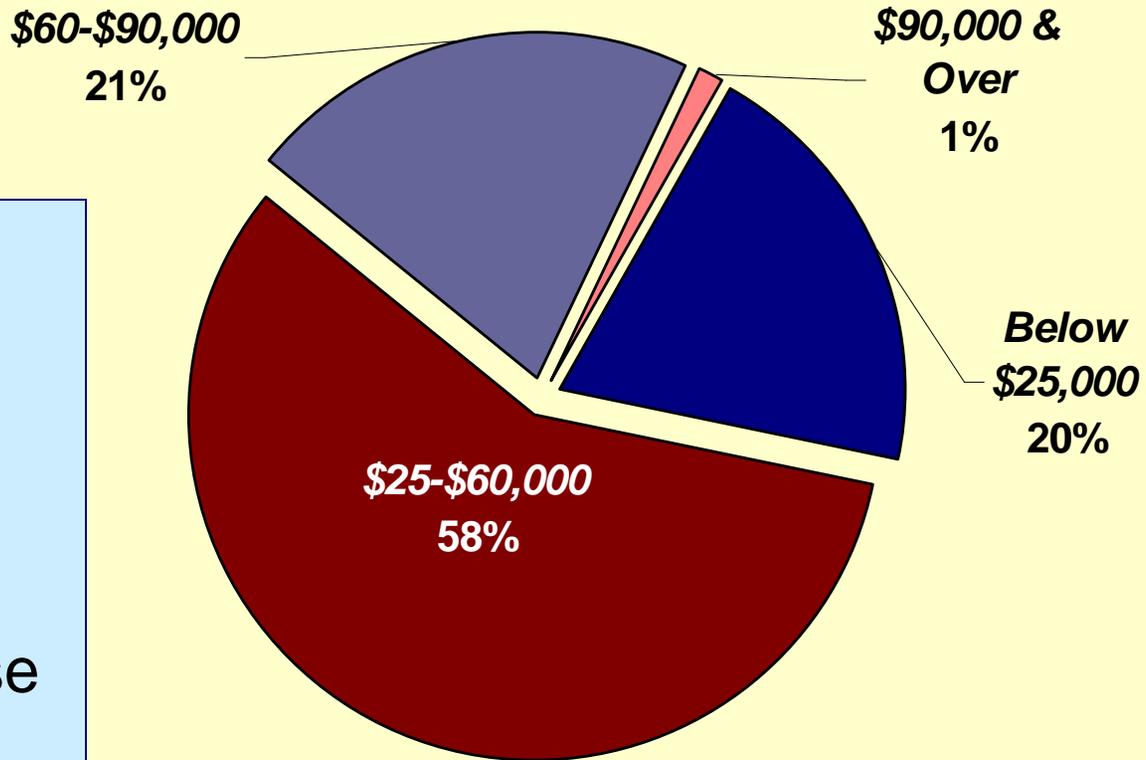
# CAP-MR/DD Waiver Services

## *Cost of Services per Person SFY 2007*

The average cost per person was \$44,100

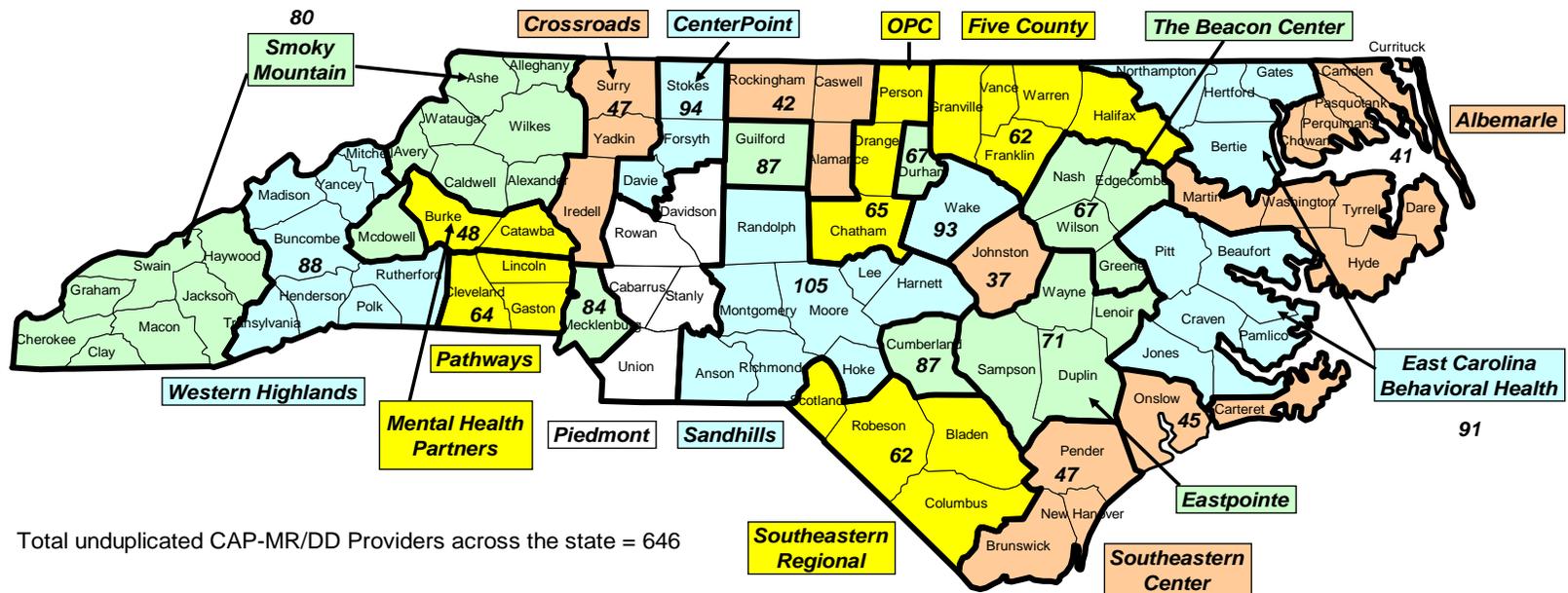
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A 3% increase over the previous year



# CAP-MR/DD Waiver Services

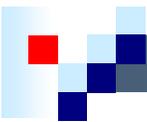
## Active Providers SFY 2008



Total unduplicated CAP-MR/DD Providers across the state = 646

Number of CAP-MR/DD Providers Per LME	
37 to 47	(6 LMEs)
48 to 66	(5 LMEs)
67 to 87	(7 LMEs)
88 to 105	(5 LMEs)

Data for Piedmont is not available.



# State-Funded Habilitation Supports

	<i>SFY 2008 Cost</i>	<i>Persons Served</i>	<i>Average Cost</i>
<i>MR/MI (ADMRI)</i>	\$49.7 million	5,300	\$ 9,389
<i>DD (ADSN)</i>	\$70.8 million	13,000	\$ 5,476

*An individual may be funded by both target population groups, as well as other service funds.*



# Division Data Sources:

## *IPRS\* & Medicaid Service Claims*

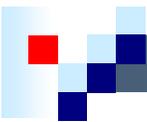
### ■ Contents

- Individual consumer diagnostic information
- Service dates, type, and volume
- Service costs

■ **Strengths:** Includes details on all fee-based community services provided with public funds

■ **Limitations:** Excludes grant-funded and non-UCR services; Delayed information due to claim processing time (~ 90 days)

*\*Integrated Payment & Reporting System*



# Division Data Sources:

## *HEARTS\**

- Contents
  - Individual consumer diagnostic information, including commitment status
  - State facility service dates, type and volume
- **Strengths:** Includes details on all services provided in state facilities
- **Limitations:** Cumbersome to analyze; limited usefulness for developmental centers

*\*Healthcare Enterprise Accounts Receivable Tracking System*



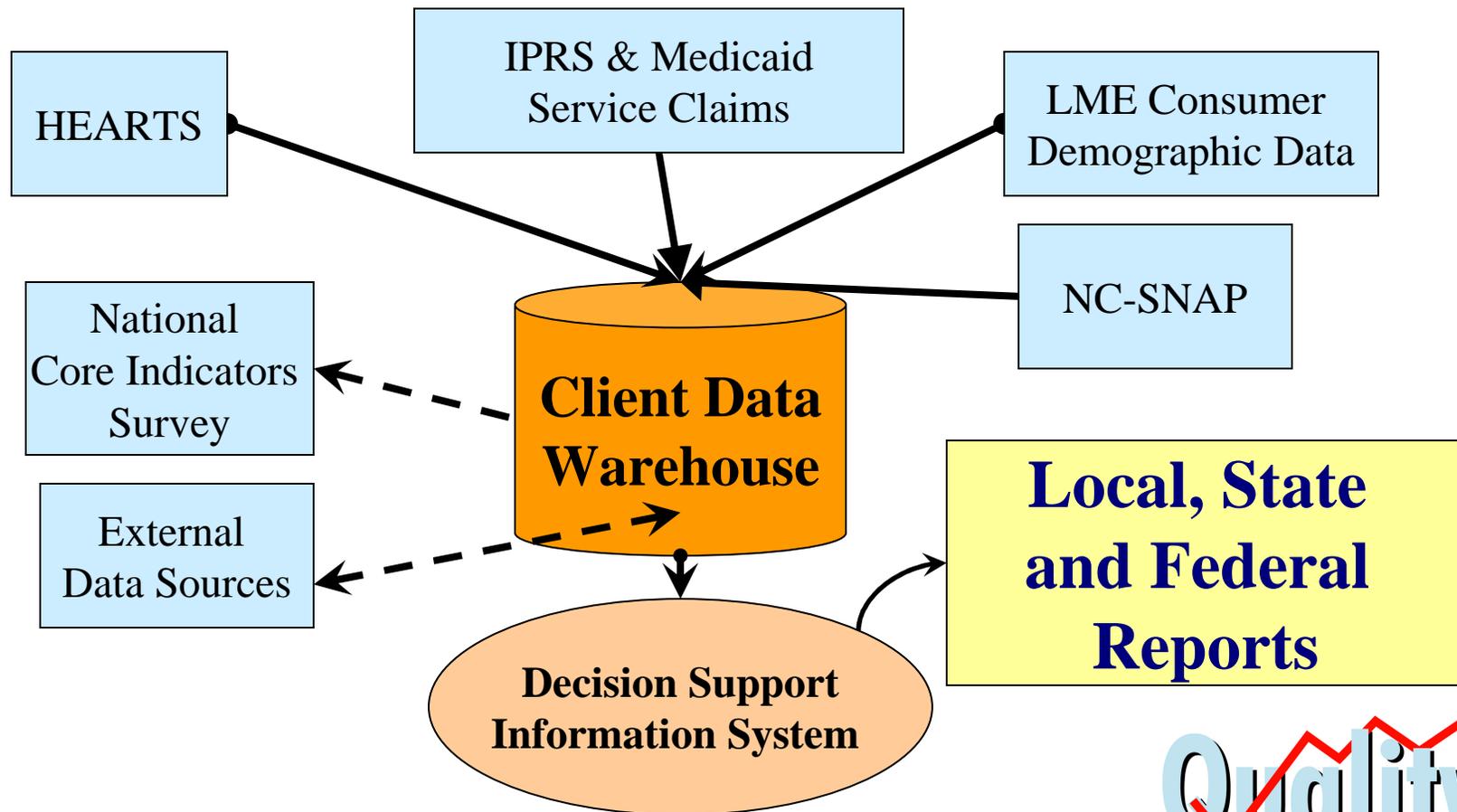
# Division Data Sources:

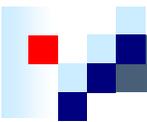
## *Client Data Warehouse*

- **Contents**
  - Individual consumer demographics
  - Financial eligibility and family information
- **Strengths:** Integrates data across systems
- **Limitations:** Quality depends on accuracy and timeliness of data that providers submit to LMEs

# Division Data Sources:

## *Client Data Warehouse*





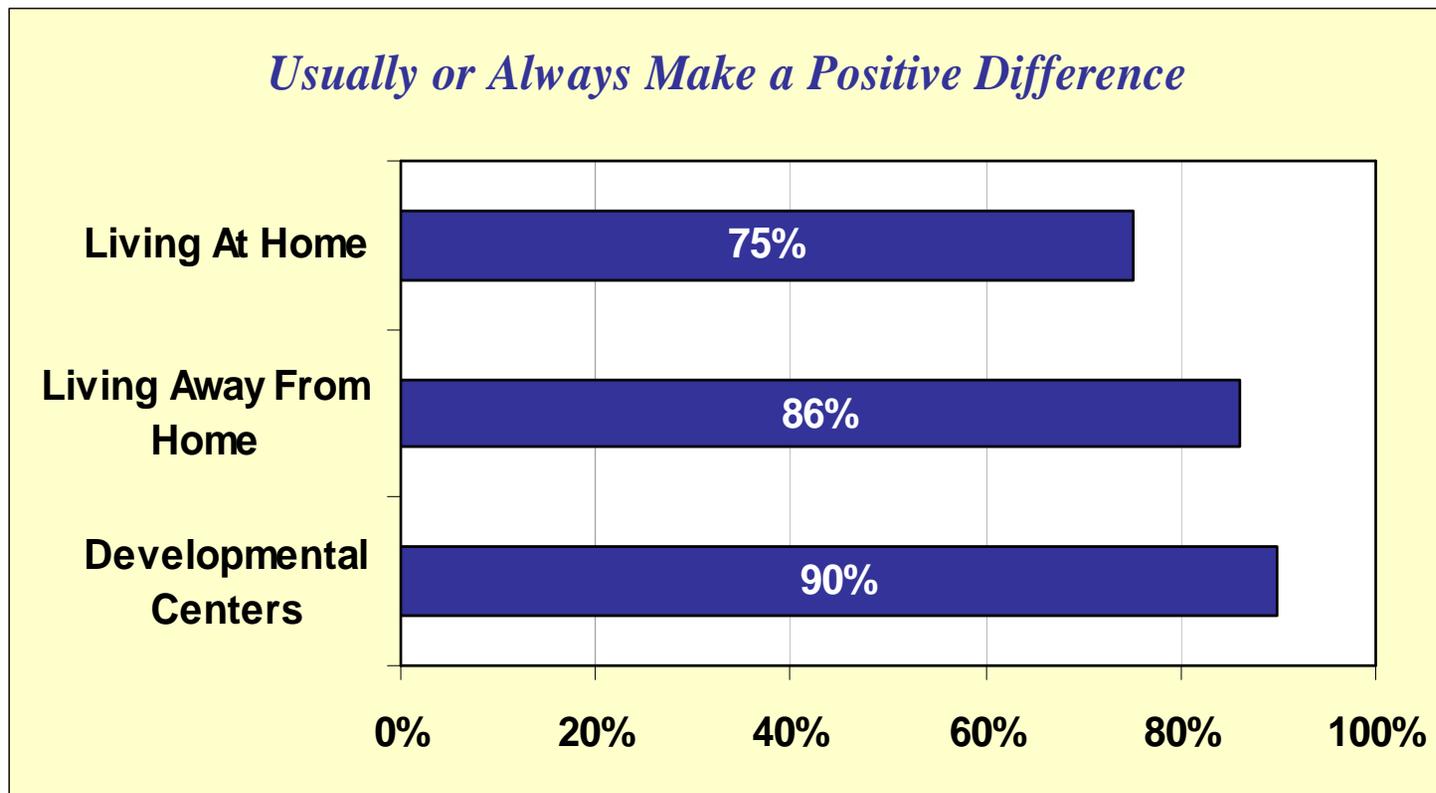
# Division Data Sources:

## *National Core Indicators Surveys*

- **Contents:**
  - Consumer in-person interviews
  - Guardian mailed Surveys
  - Perceptions of services & supports
- **Strengths:** Provides consumers and guardians a confidential means to evaluate quality
- **Limitations:** Infrequent; limited sample size prevents provider-level evaluations

# Division Data Sources:

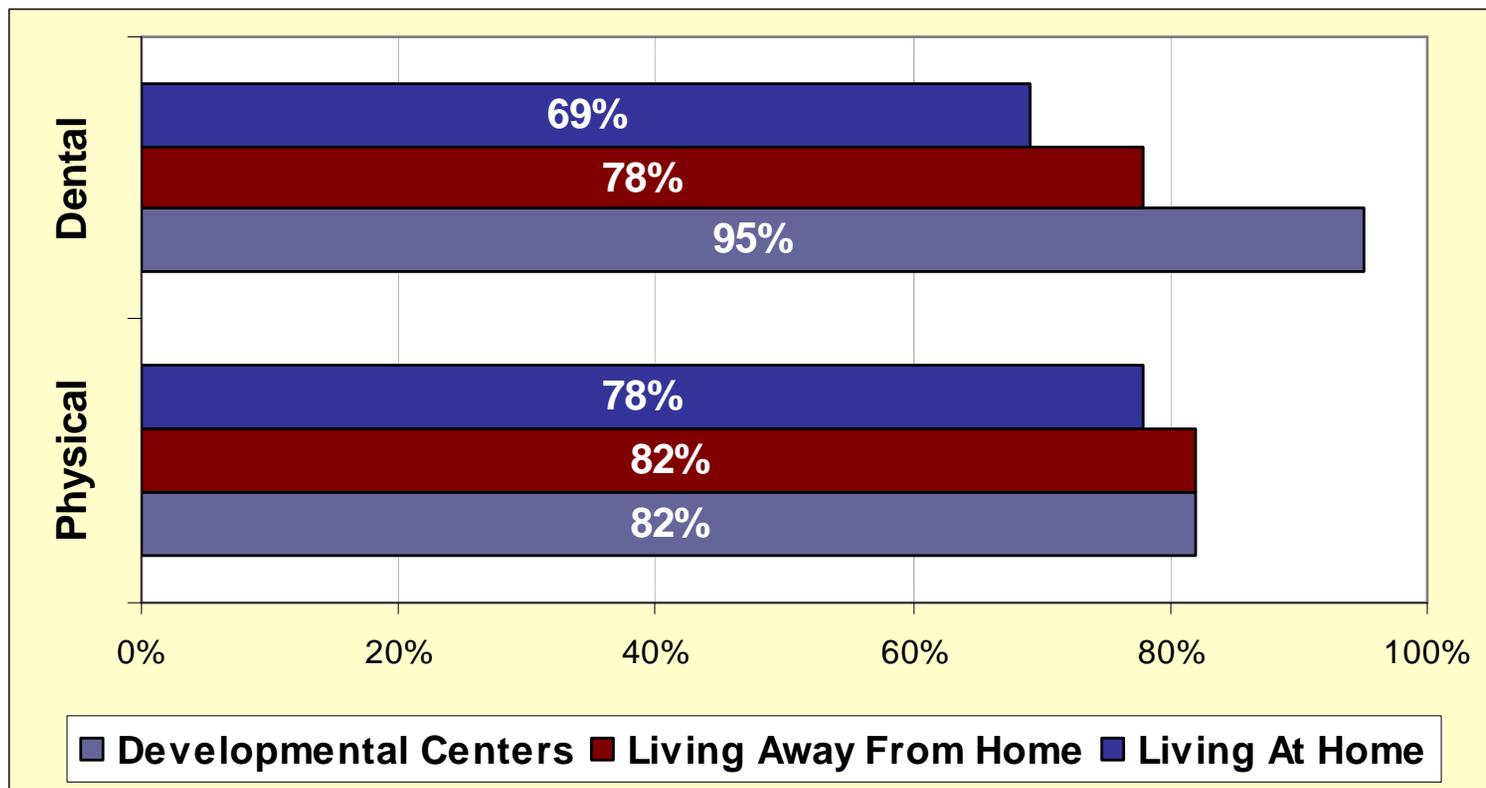
## *NCI Guardian Surveys: Supports*



# Division Data Sources:

## *NCI Guardian Surveys: Medical Care*

### *Consumers with Recent Exams*





# Division Reports:

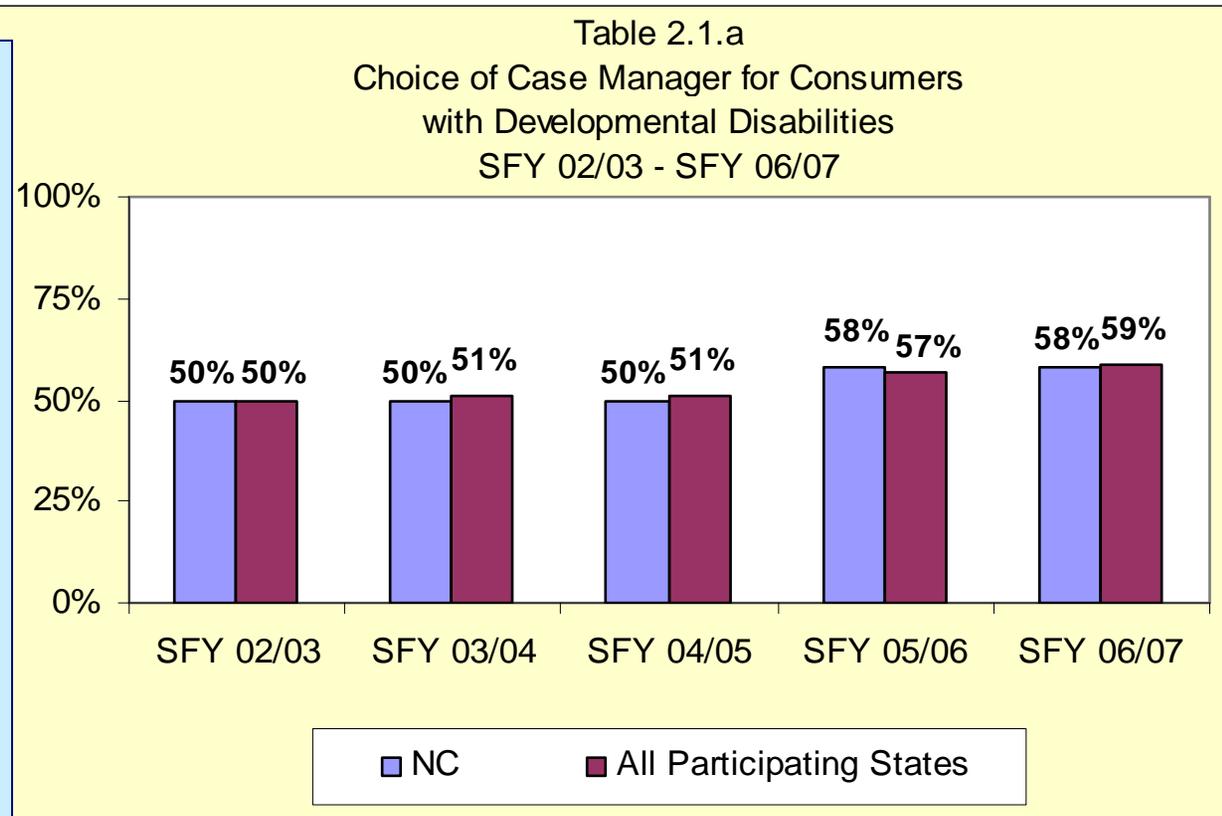
## *Statewide System Performance Report*

- Published semi-annually (October and April)
- Statewide performance domains
  - Access
  - Person-centered Planning and Services
  - Evidence-Based Practices
  - Consumer Outcomes
  - Quality Management
  - Efficiency and Effectiveness
  - Prevention and Early Intervention

# Division Reports:

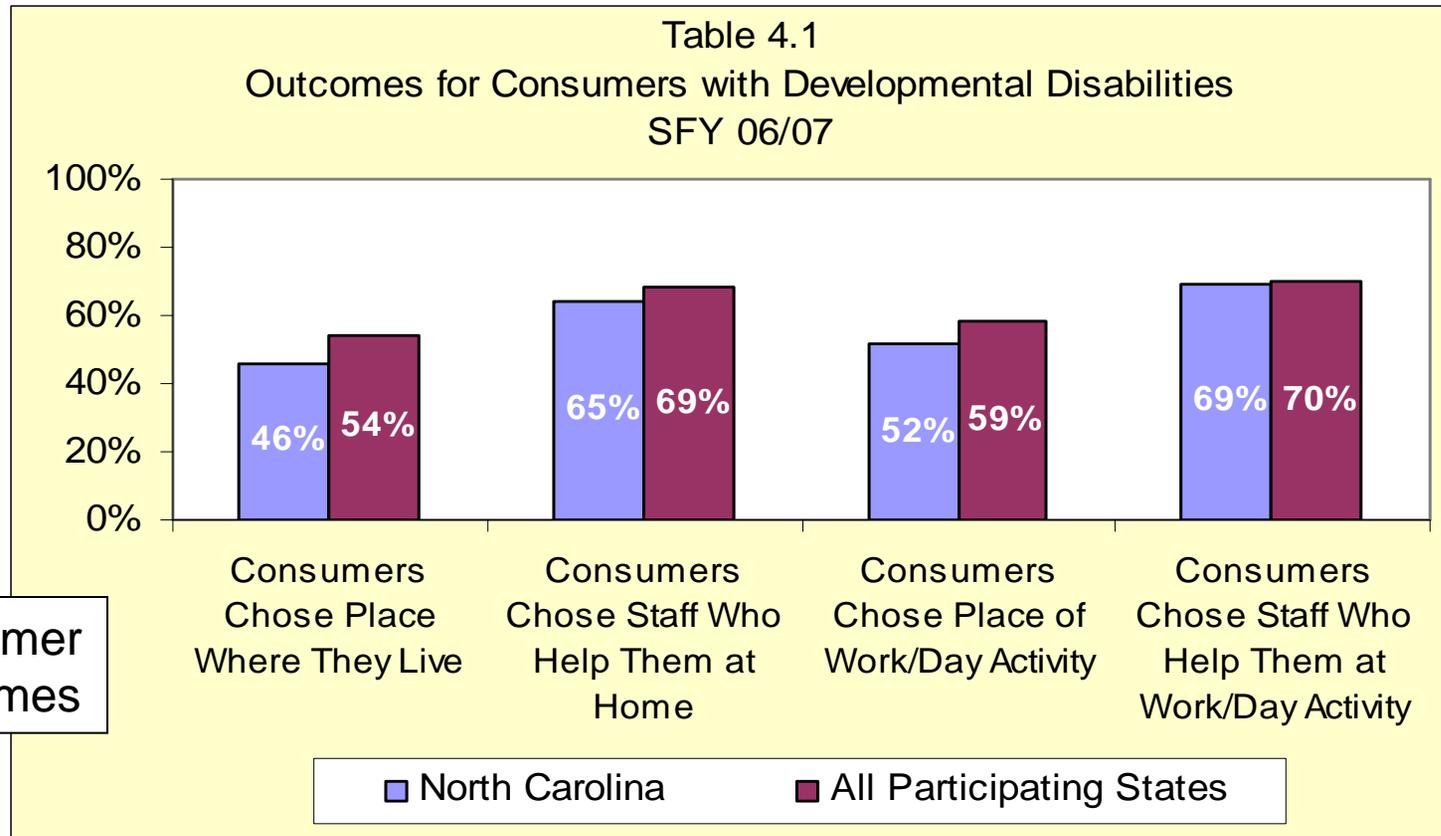
## *Statewide System Performance Report*

“Since SFY 2002-03, there has been an eight percent increase in consumer choice of case manager ... These results provide encouragement that system reform is offering opportunities for consumers to have input into their services. The Division expects the current positive trends to continue on this measure.”



# Division Reports:

## *Statewide System Performance Report*





# Division Reports:

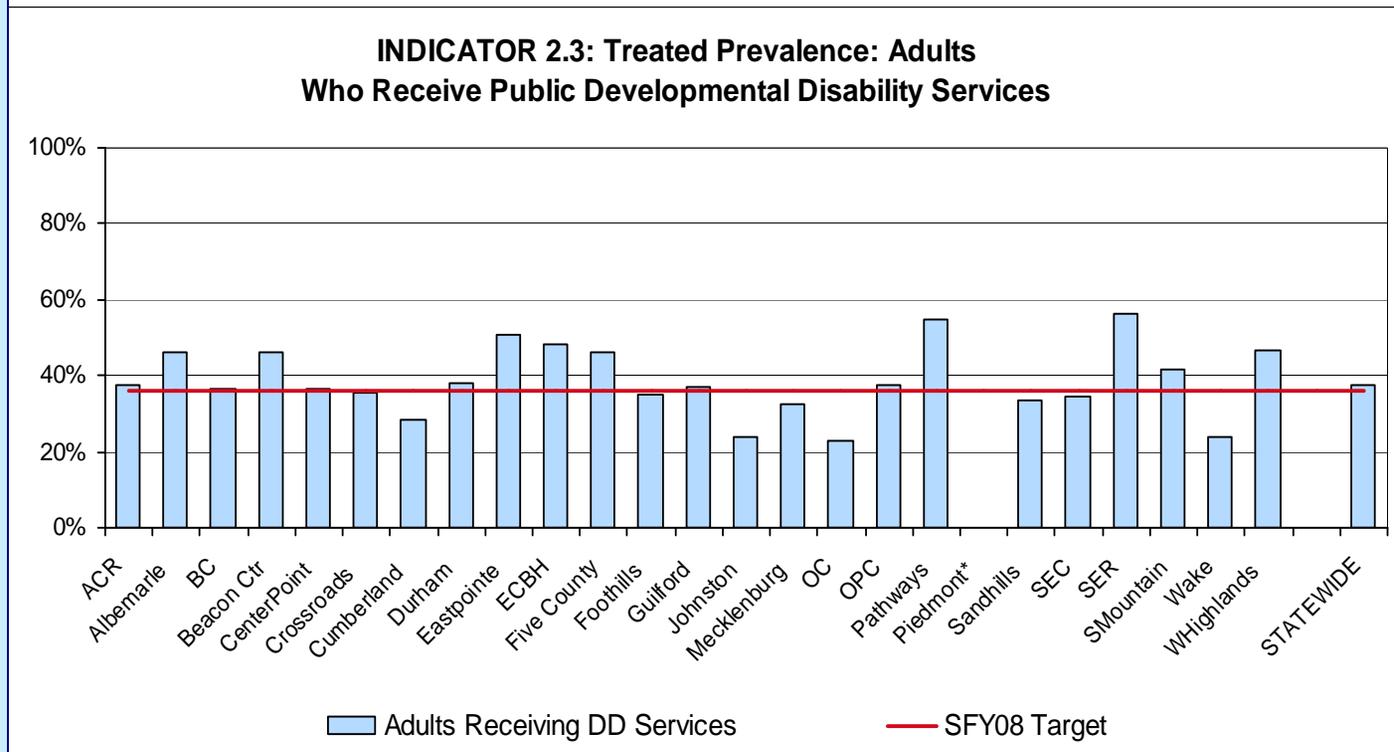
## *Community Systems Progress Report*

- Published quarterly
- LME-specific performance measures
  - Treated prevalence
  - Initiation and engagement in services
  - Use of State facilities
  - Continuity of care after state facility discharge
  - Residential services for children
- Tied to DHHS-LME Performance Contract requirements
- Drives state and local planning

# Division Reports:

## *Community Systems Progress Report*

**Statewide  
38% of adults  
and 20% of  
children in  
need of DD  
services and  
supports  
received at  
least one  
service /  
support in  
SFY 2008.**

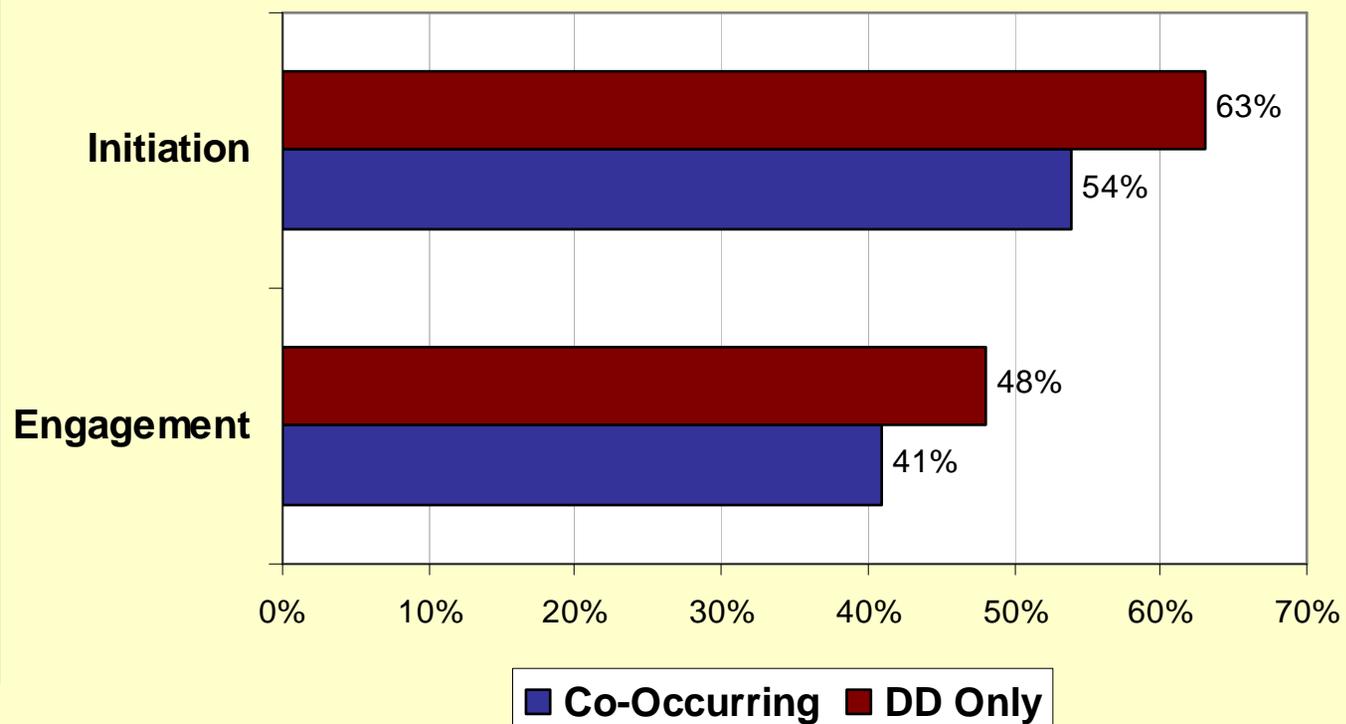


Data from Qtr 4 SFY08 CSP Report

# Division Reports:

## *Community Systems Progress Report*

Fewer DD consumers with a co-occurring mental illness have **2 services** in the first two weeks or **4 services** in the first 45 days of care.



Data from Qtr 4 SFY08 CSP Report



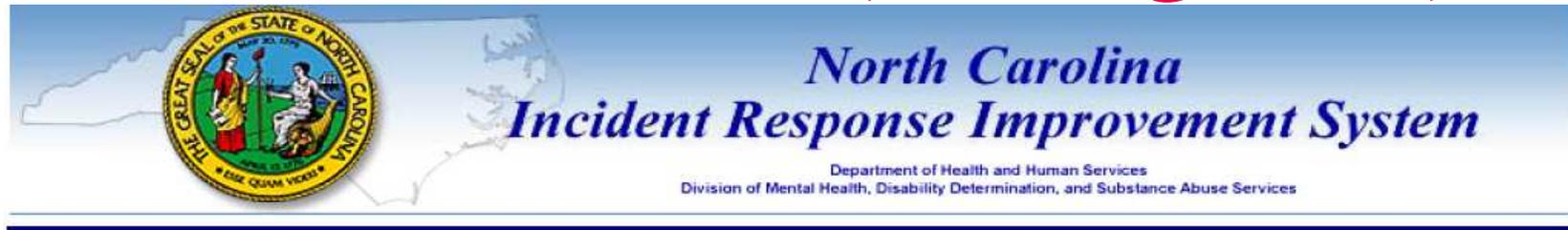
# Division Data Sources:

## *Consumer Adverse Events*

- Contents
  - Level III incidents - Deaths, permanent impairment, sexual abuse
  - Level II incidents in community (summary only) - Unplanned restrictive interventions, injuries, abuse/neglect, medication errors, behavior issues
- **Strengths:** Monitoring of consumer safety; assists in identification of areas for improvement
- **Limitations:** Dependent on provider staff reports

# Division Data Sources:

*NC-IRIS (coming soon)*



Login

Welcome to the NC Incident Response Improvement System

Providers: **You may enter only Level II and III incidents, including deaths and restrictive interventions.**

Incident Number:

Consumer Name:

To View or Edit an existing Incident Report, enter the Incident Number and Consumer Name. If you do not have the Incident Number, please call your LME and request that it be sent to you.

If you are unable to access the Incident Report form, notify your LME's QA/QI office by phone. You are still responsible for reporting the incident and should complete a paper copy and deliver it or email it to



# Other Data Sources

- Provider licenses and sanctions
  - *Div Heath Service Regulation data*
- LME monitoring activities
  - *Local data*
- Service authorizations
  - *DMA / Value Options data*



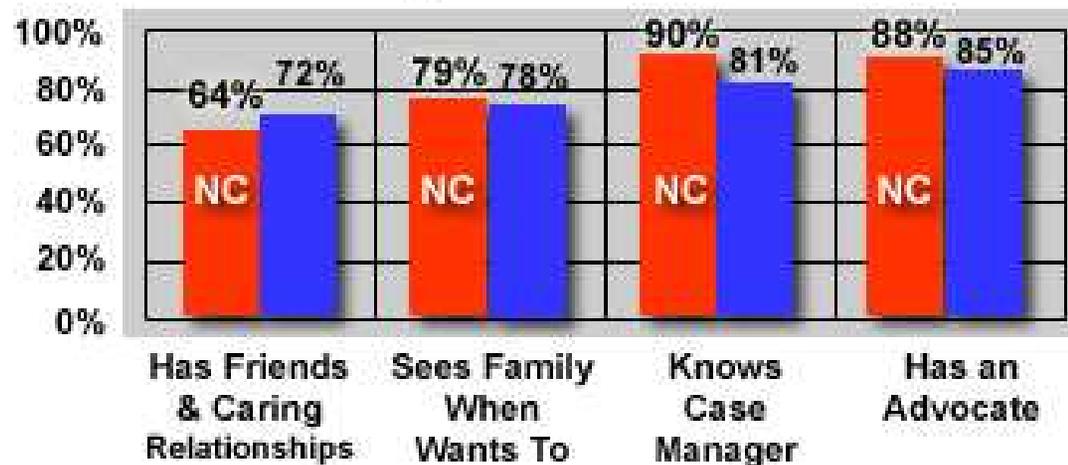
# Other Data Sources

- Behavioral Risk Factor Surveillance Survey
  - Center for Disease Control-sponsored survey of states' adult populations (NC sample = 14,000 annually)
  - Medical and behavioral health needs and access to care
- Child Health Assessment Monitoring Program
  - Companion to BRFSS adult survey
  - NC sample = 4,000 parents annually

# Quality Quick Facts

## Relationships and Support

Monitoring data from various areas of a person's life helps measure the quality of that person's life. This data compares responses from people with developmental disabilities in North Carolina to averages from other states.



[For More Information....](#)



DMH/IDD/SAS Quality Management

Quality Quick Facts



<http://www.ncdhhs.gov/mhddsas/index.htm>

IOM-DD Presentation, Oct 1, 2008

**Quality**  
NC DMH/DD/SAS



# For Additional Information:

- NC DMH/DD/SAS Statistics and Publications

<http://www.ncdhhs.gov/mhddsas/statspublications/index.htm>

- Quality Management Team

[ContactDMHQuality@NCMail.net](mailto:ContactDMHQuality@NCMail.net)

(919) 733-0696