

Annual Evaluation Fiscal Year 2007

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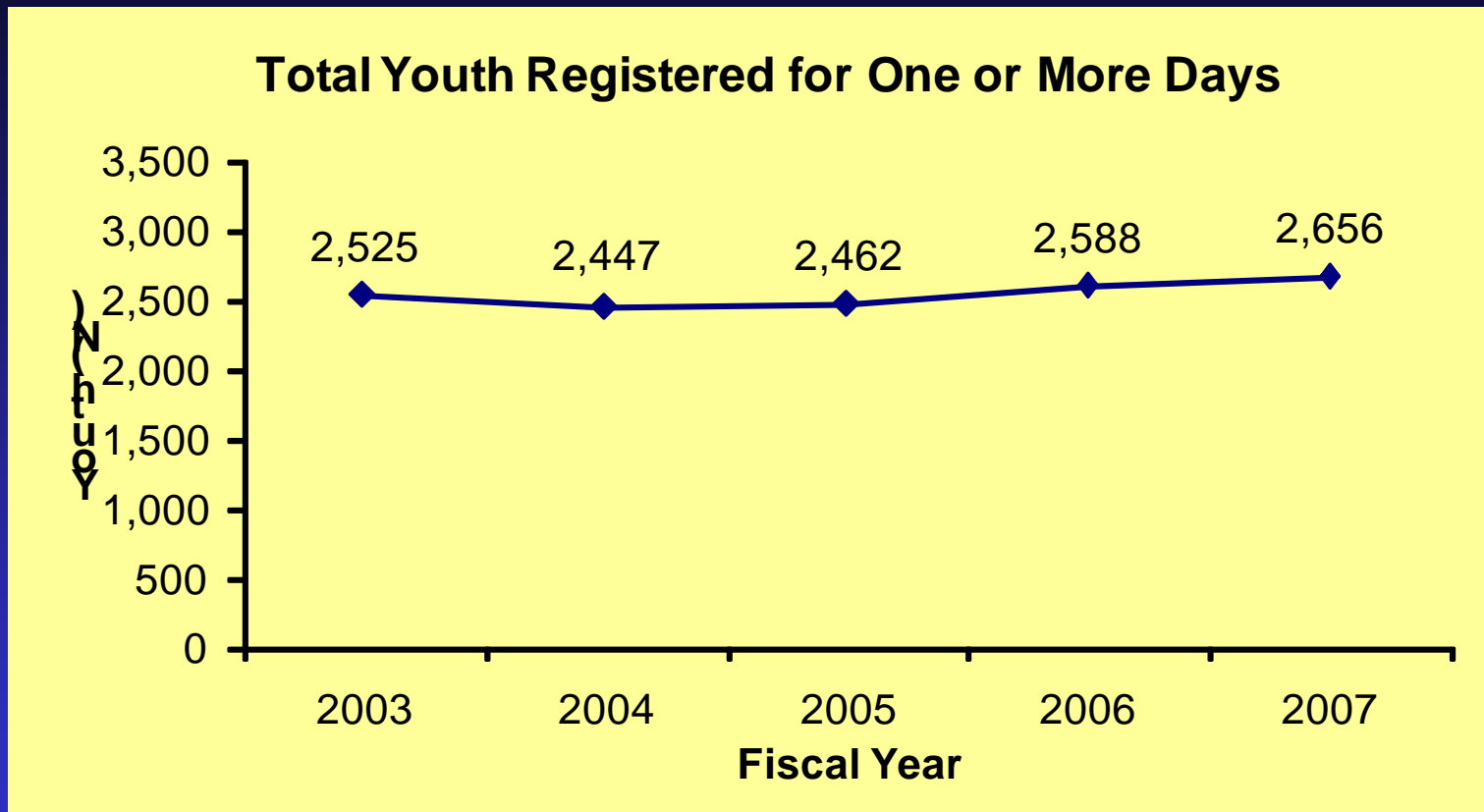
Evaluation Domains

1. Registered Youth Characteristics
2. Service Characteristics
3. Youth Outcomes
4. Special Populations

Registered Youth Characteristics

1. How many?
2. Where were they served?
3. What was their gender?
4. What was their age?
5. What was their race and national origin?
6. What were their problems?

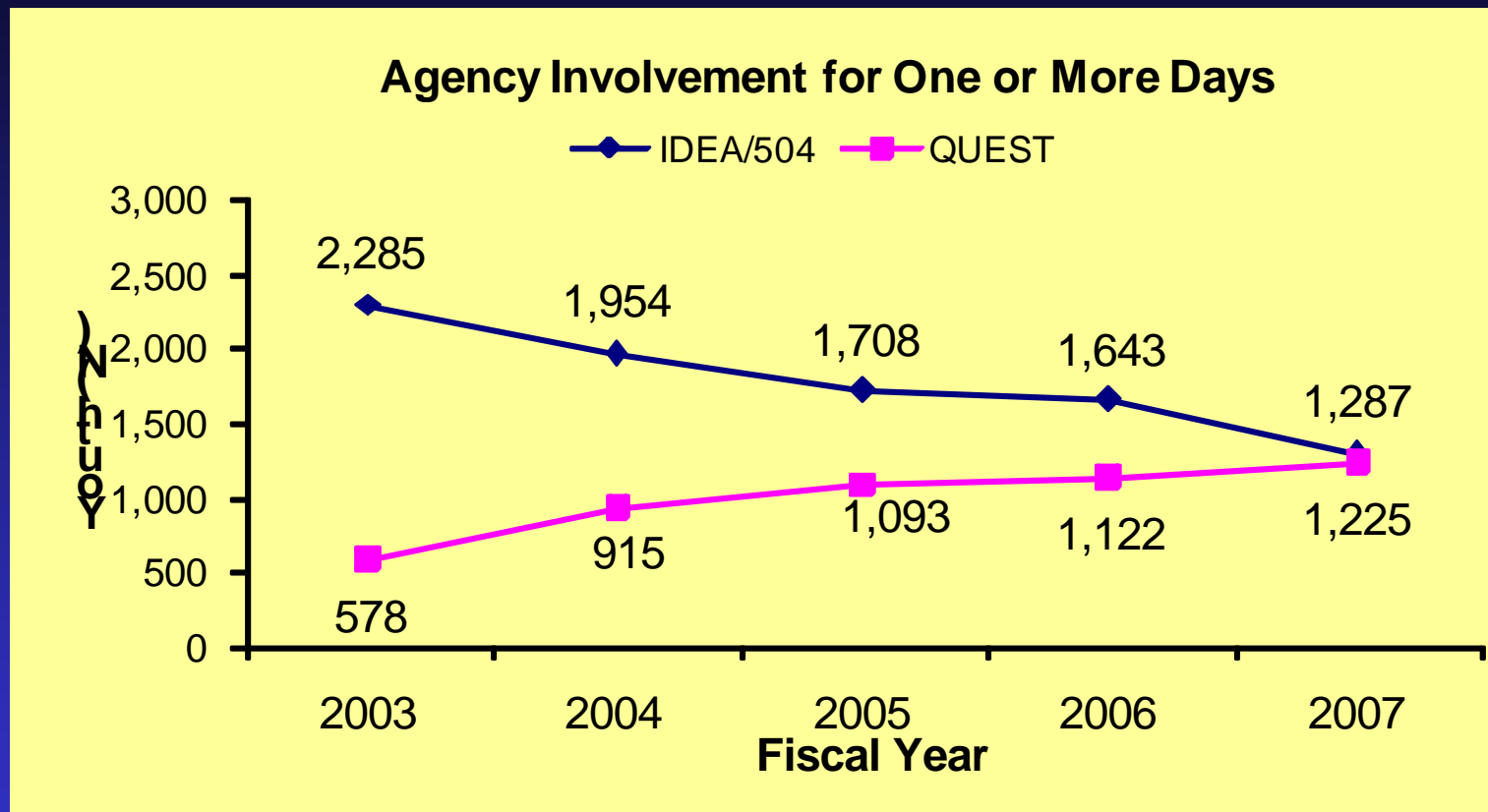
How many?



2.6% Increase from 2006

Excluding DOE transfers &
Pervasive Developmental Disorder prior to 2004

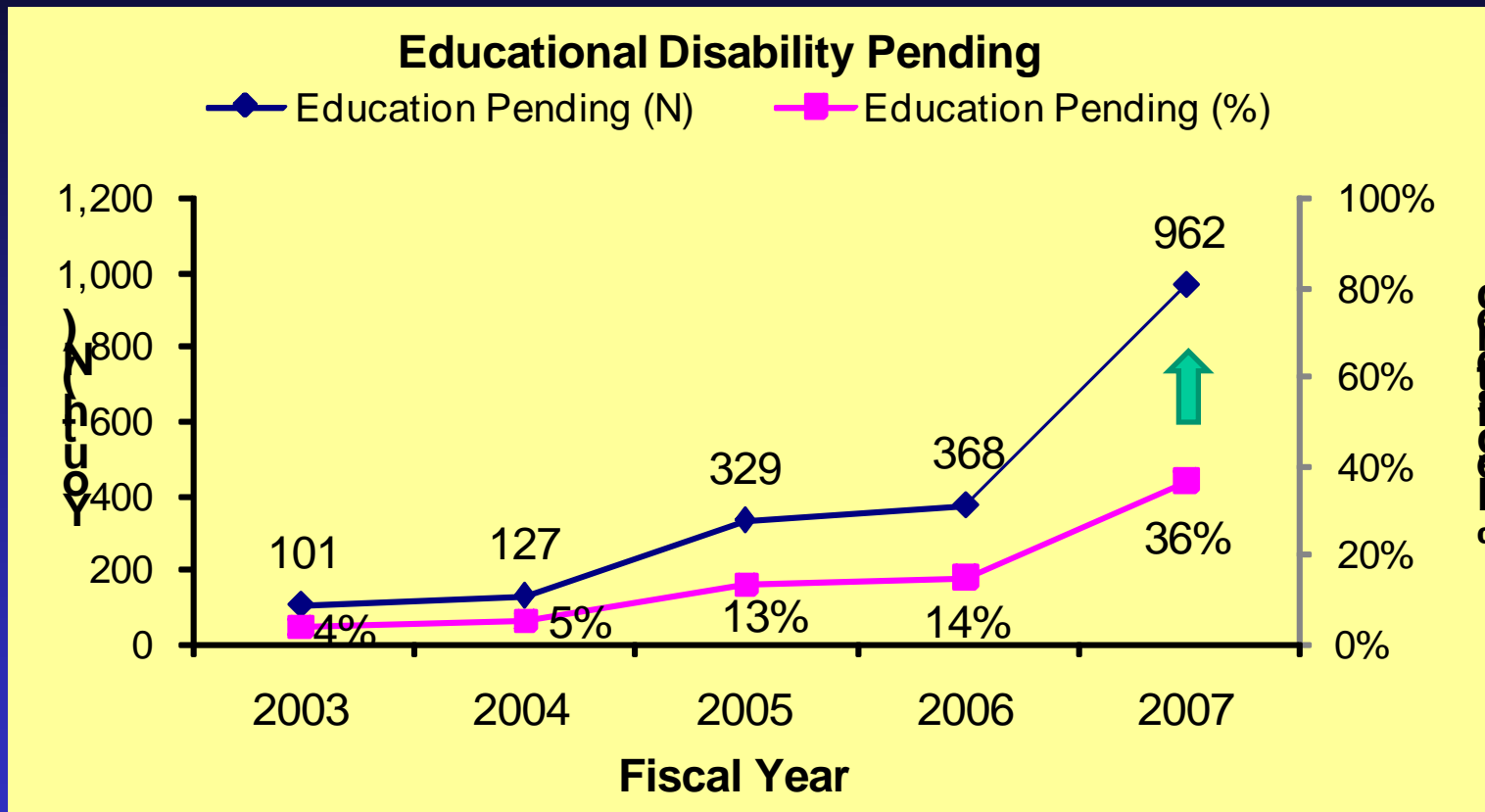
How many? Education and QUEST



IDEA/504: 21.7% Decrease

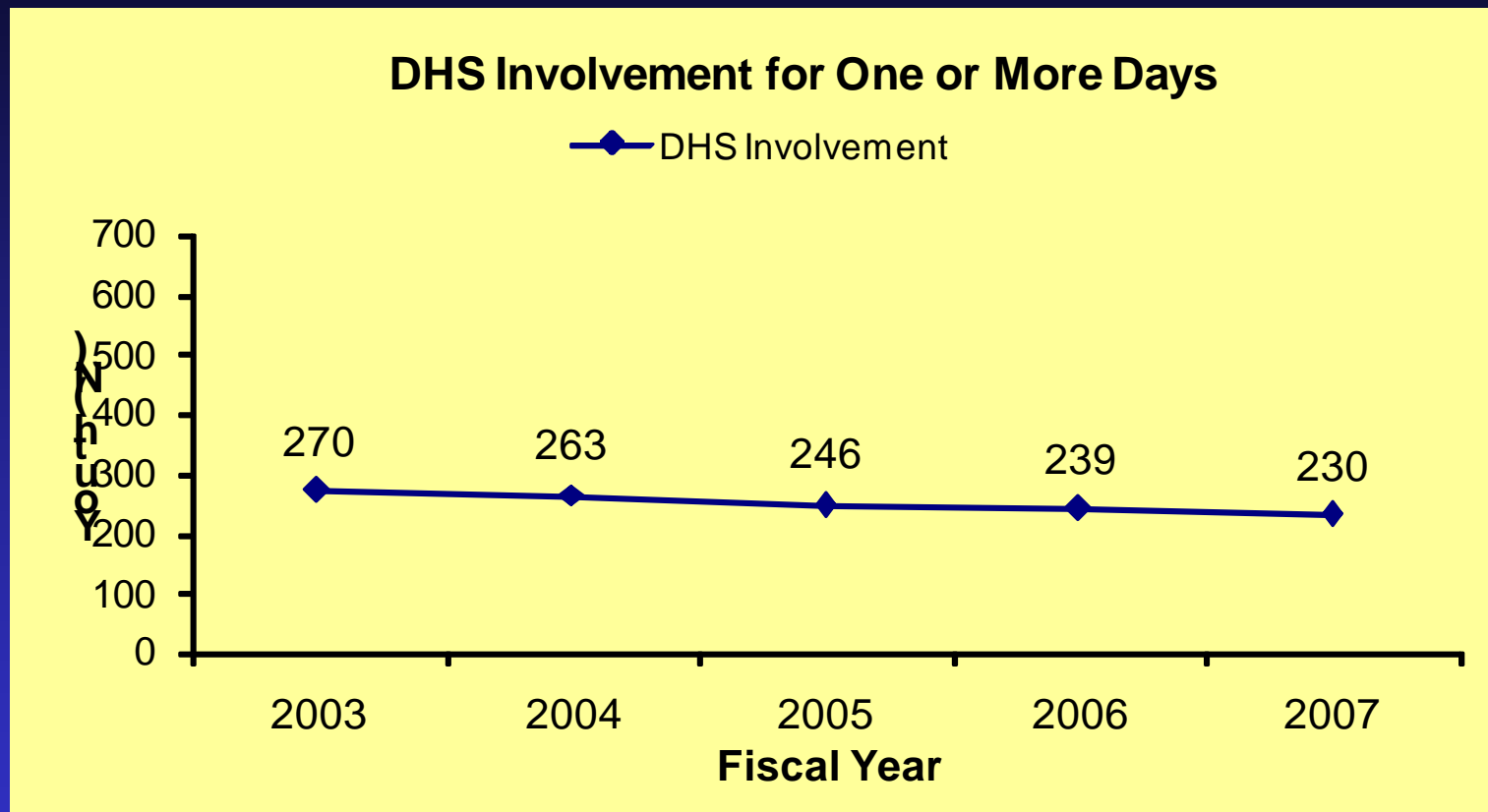
QUEST: 9.2% Increase

How many? Education Pending



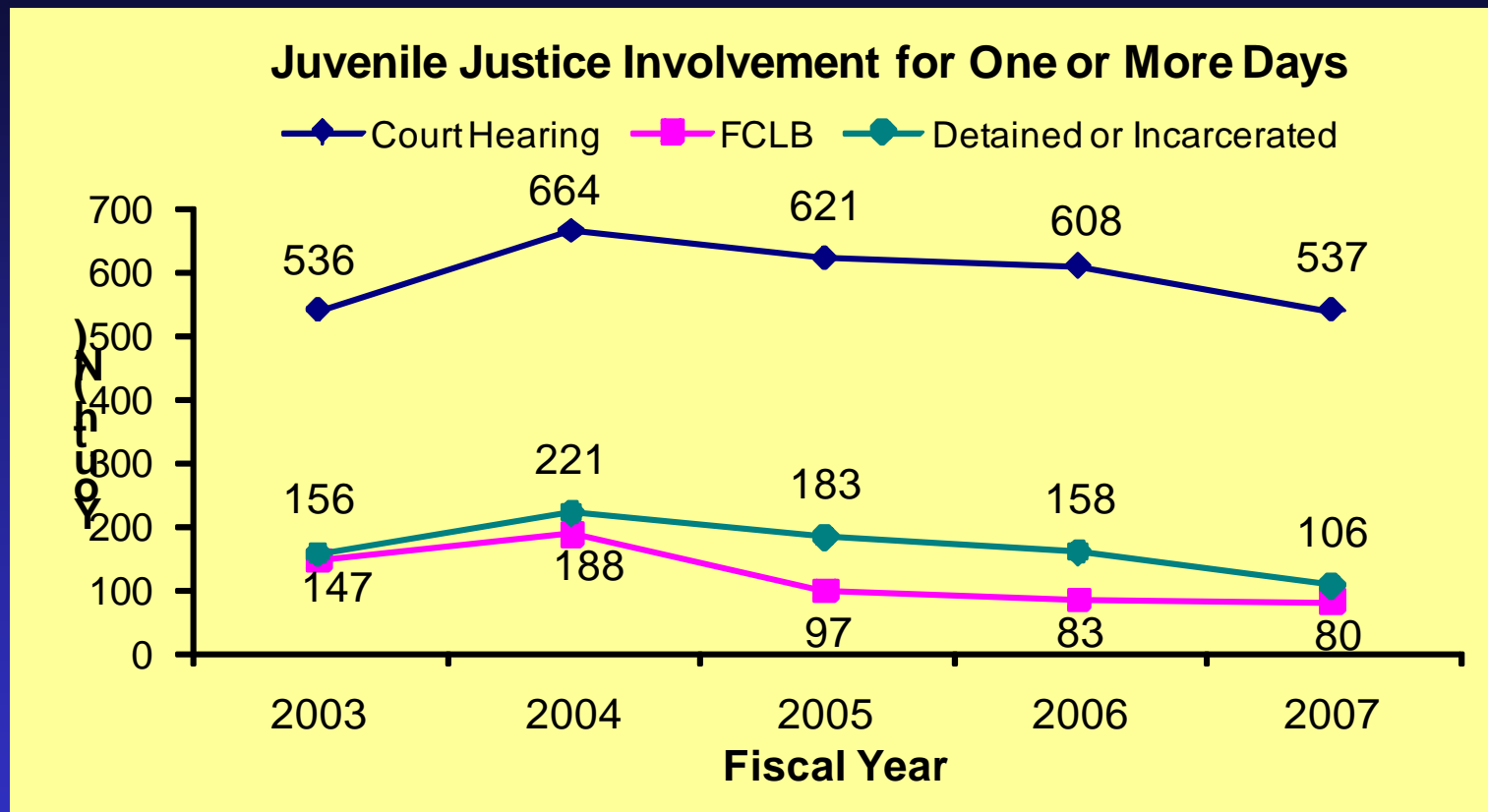
Special Education PENDING: 161%
Increase

How many? DHS



DHS: 3.8% Decrease

How many? Juvenile Justice

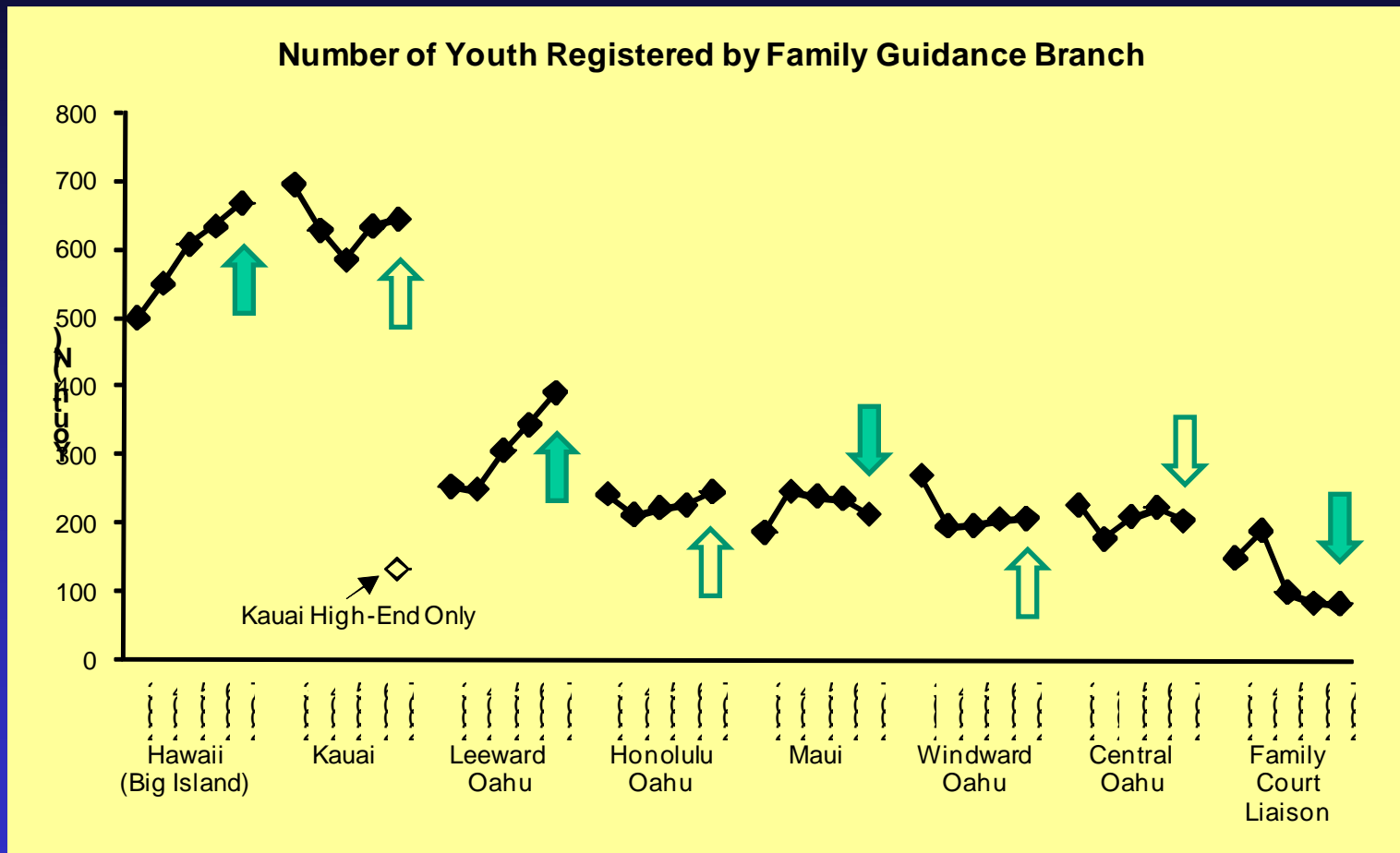


Court Hearing: 11.7% Decrease

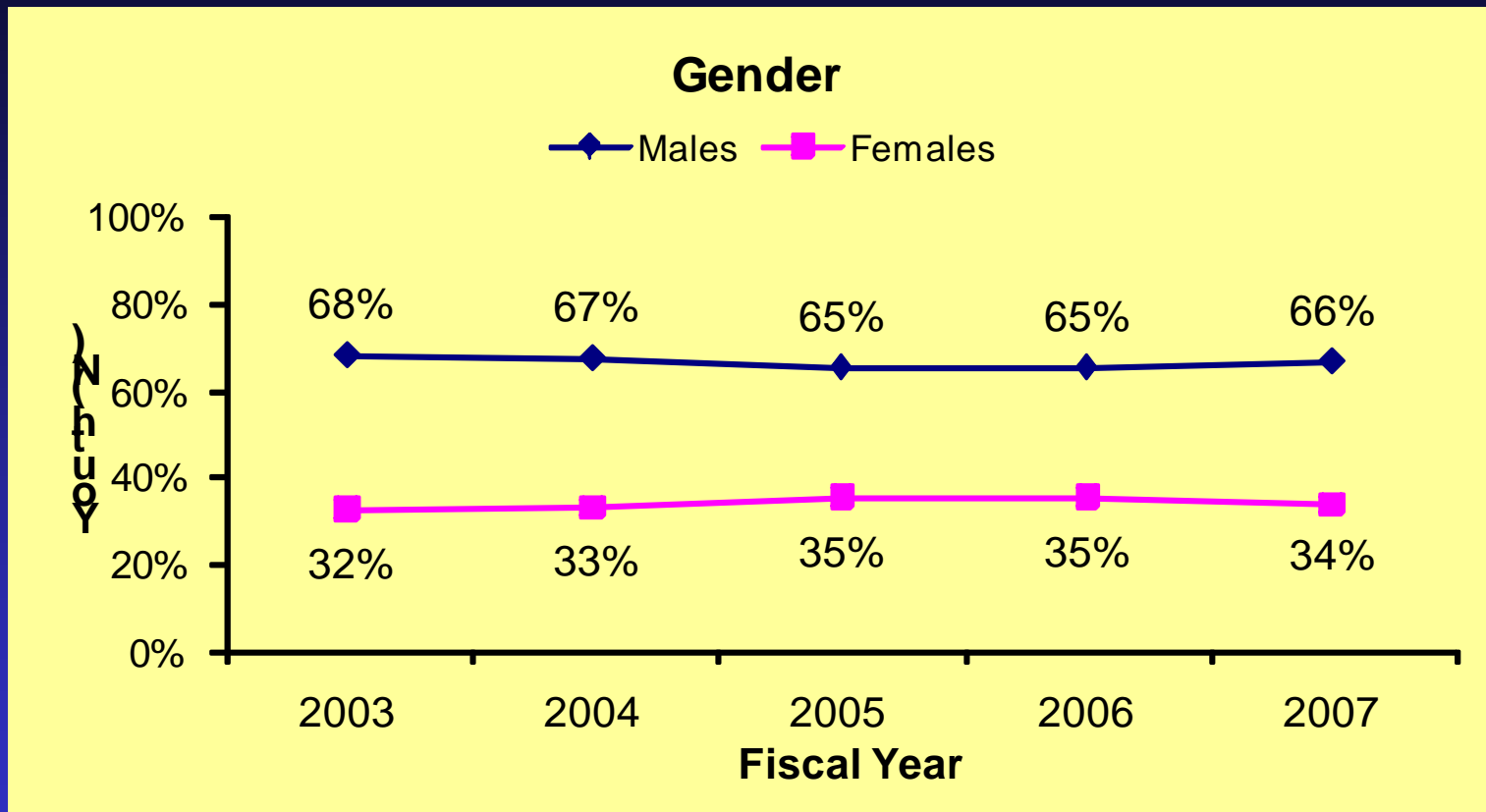
Detained or Incarcerated: 32.9% Decrease

FCLB: 3.6% Decrease

Where were they served?

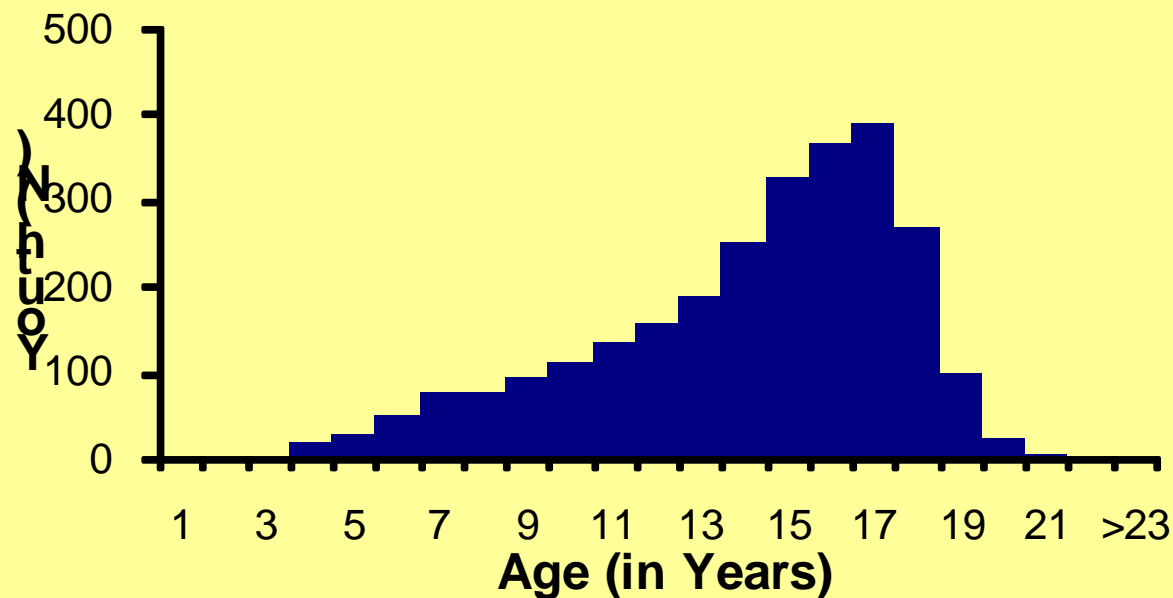


What was their gender?



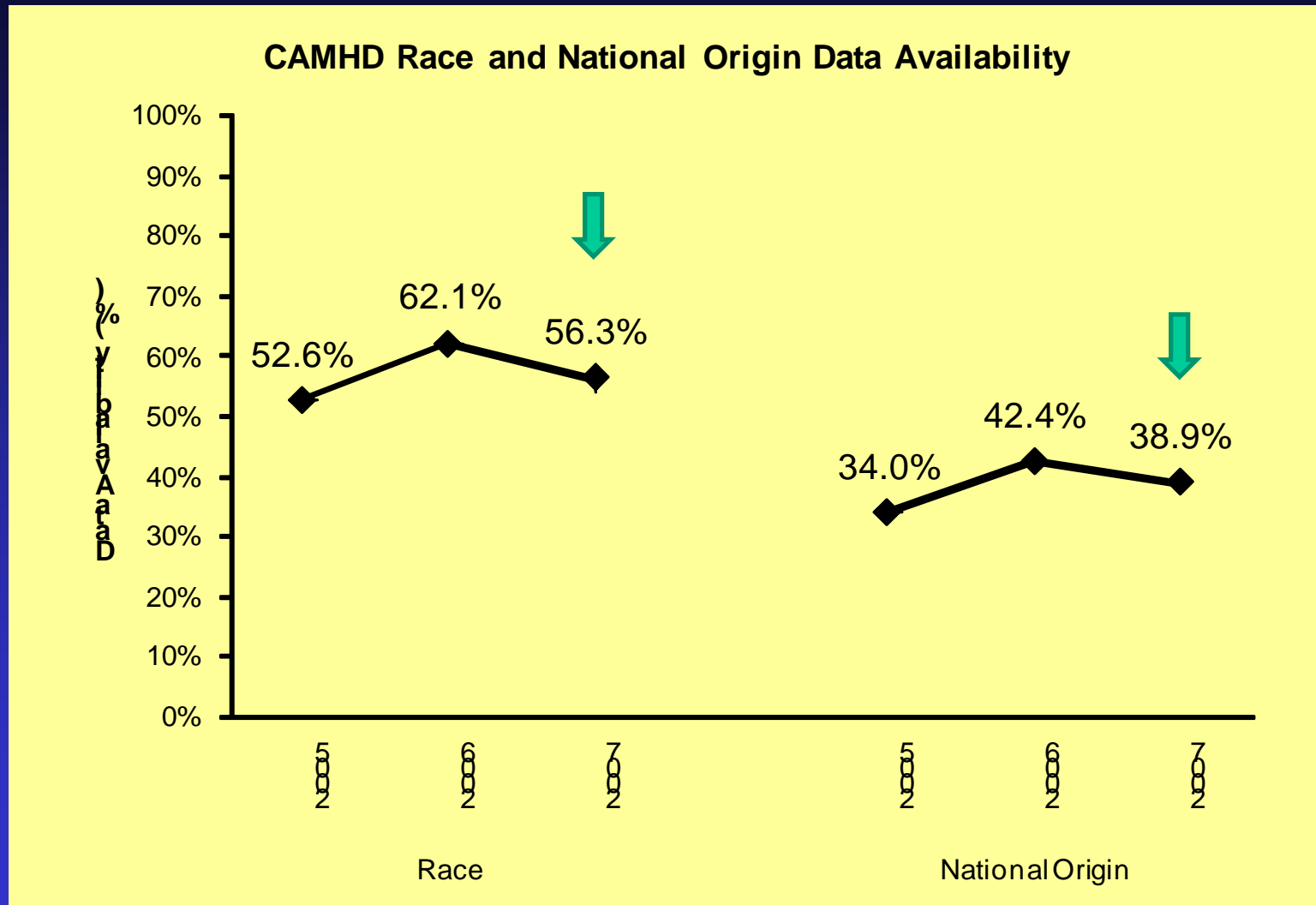
What was their age?

Frequency Distribution of Age in Years
for CAMHD Registered Youth

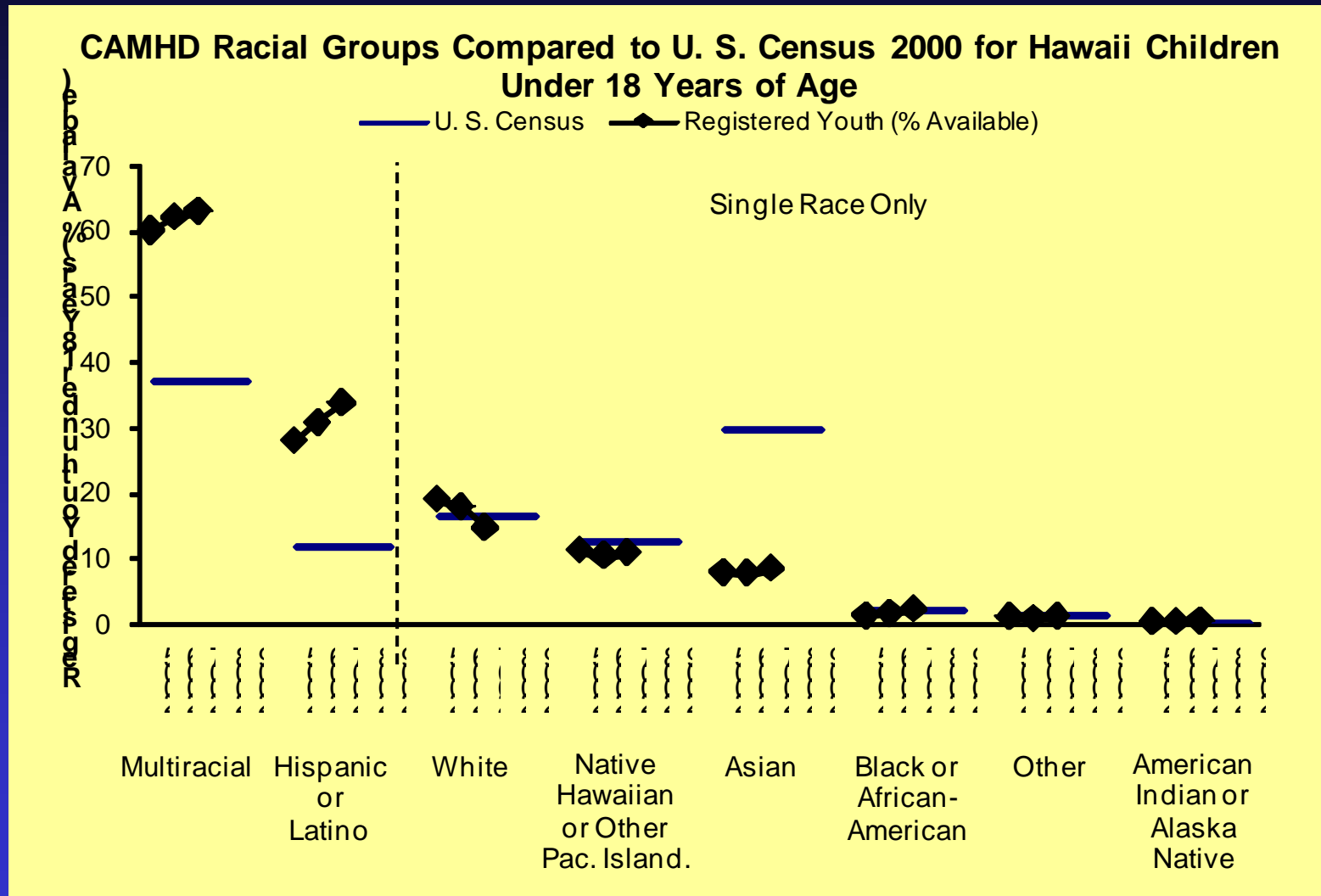


Average Age = 14.1 years

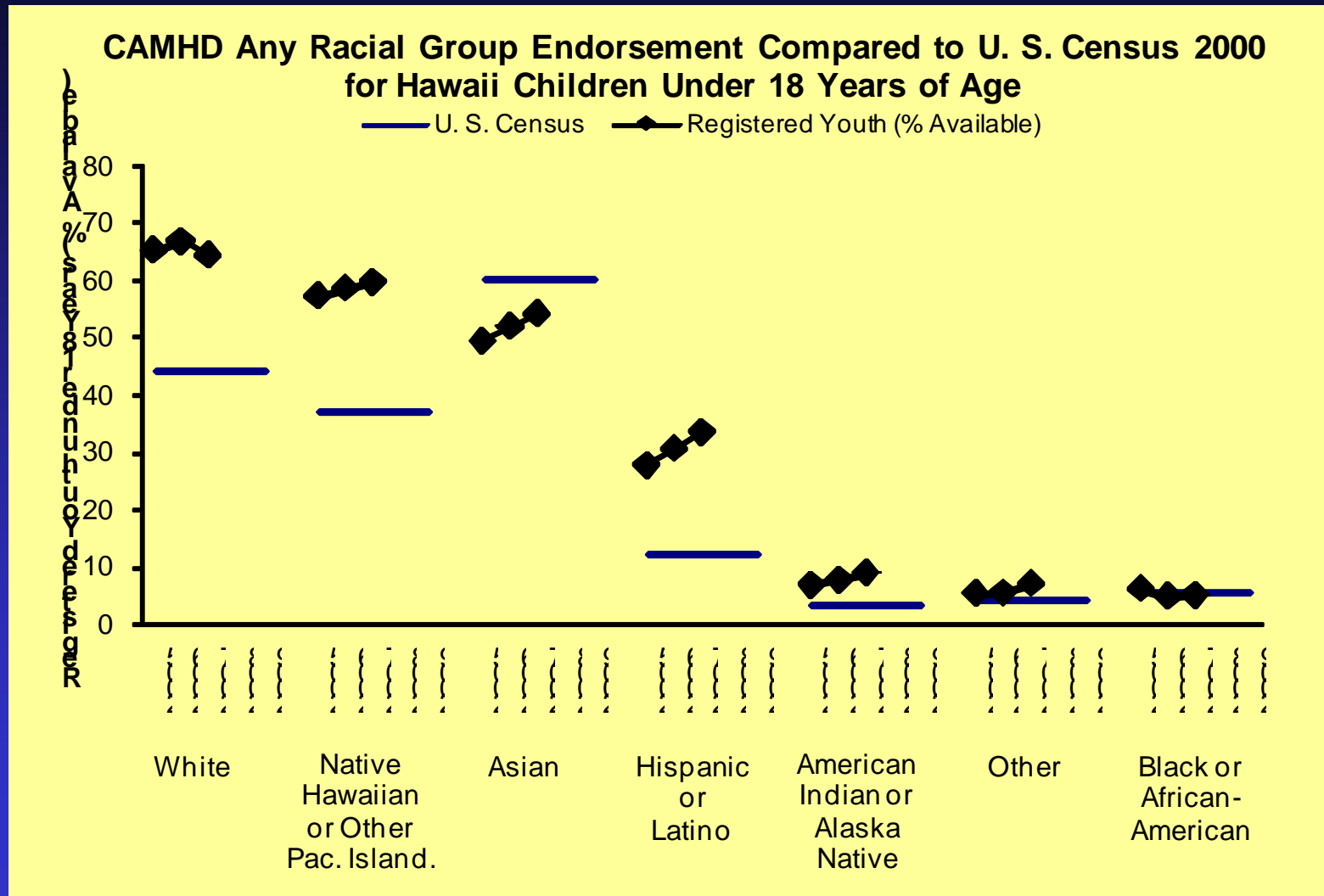
What was their race and national origin?



What was their race and national origin?



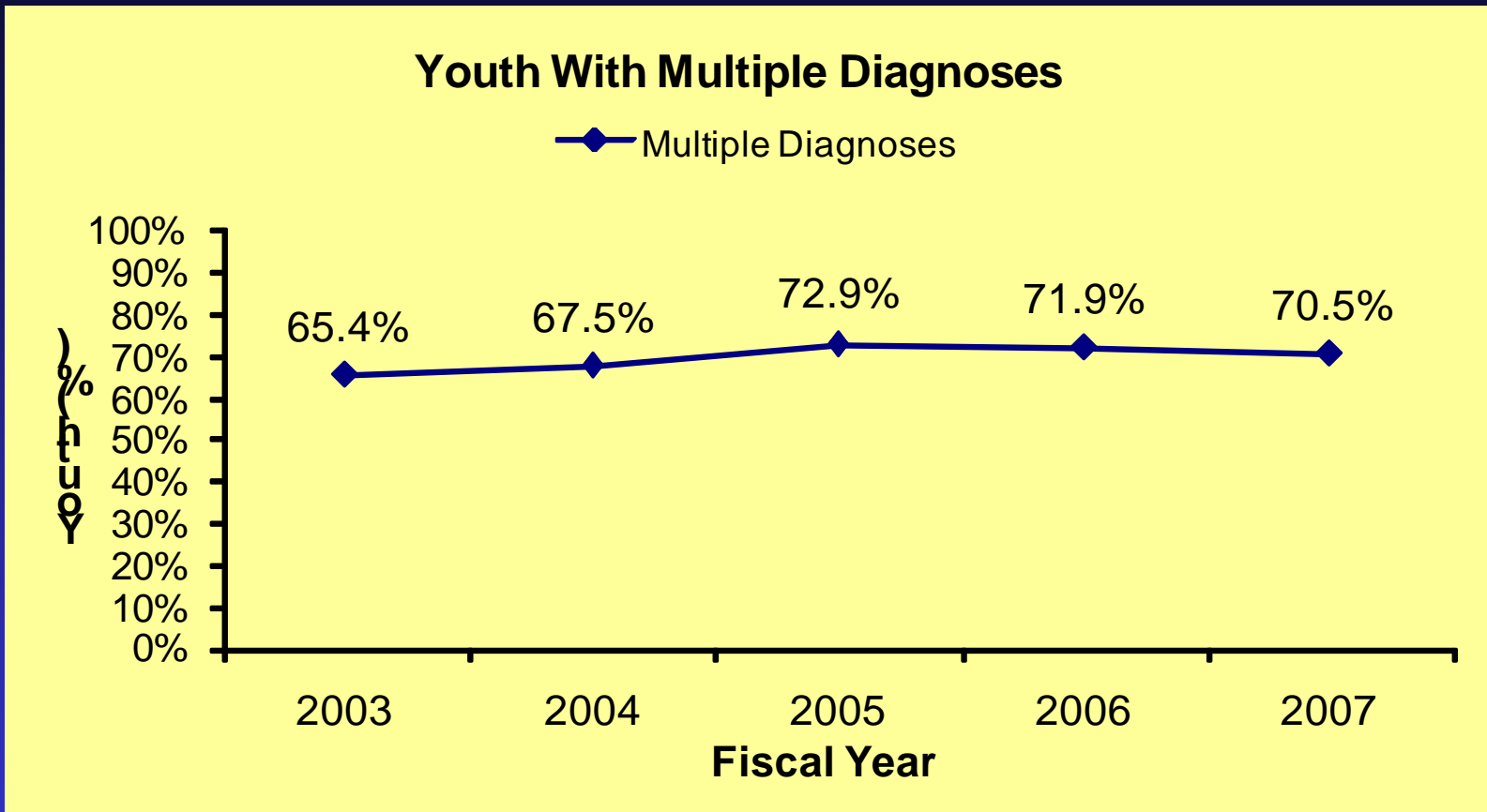
What was their race and national origin?



What were their primary problems?

Primary Diagnosis	2003	2004	2005	2006	2007	
Disruptive Behavior	24%	24%	25%	26%	29%	↑
Attentional	26%	29%	24%	23%	21%	↓
Mood	22%	20%	23%	22%	20%	
Anxiety	9%	8%	9%	10%	10%	
Adjustment	9%	8%	7%	7%	8%	
Miscellaneous	5%	5%	5%	5%	4%	
Substance-Related	3%	2%	3%	4%	4%	
Psychotic Spectrum	1%	1%	2%	2%	2%	
Pervasive Develop.	0%	1%	1%	2%	2%	↑

Did they have multiple problems?

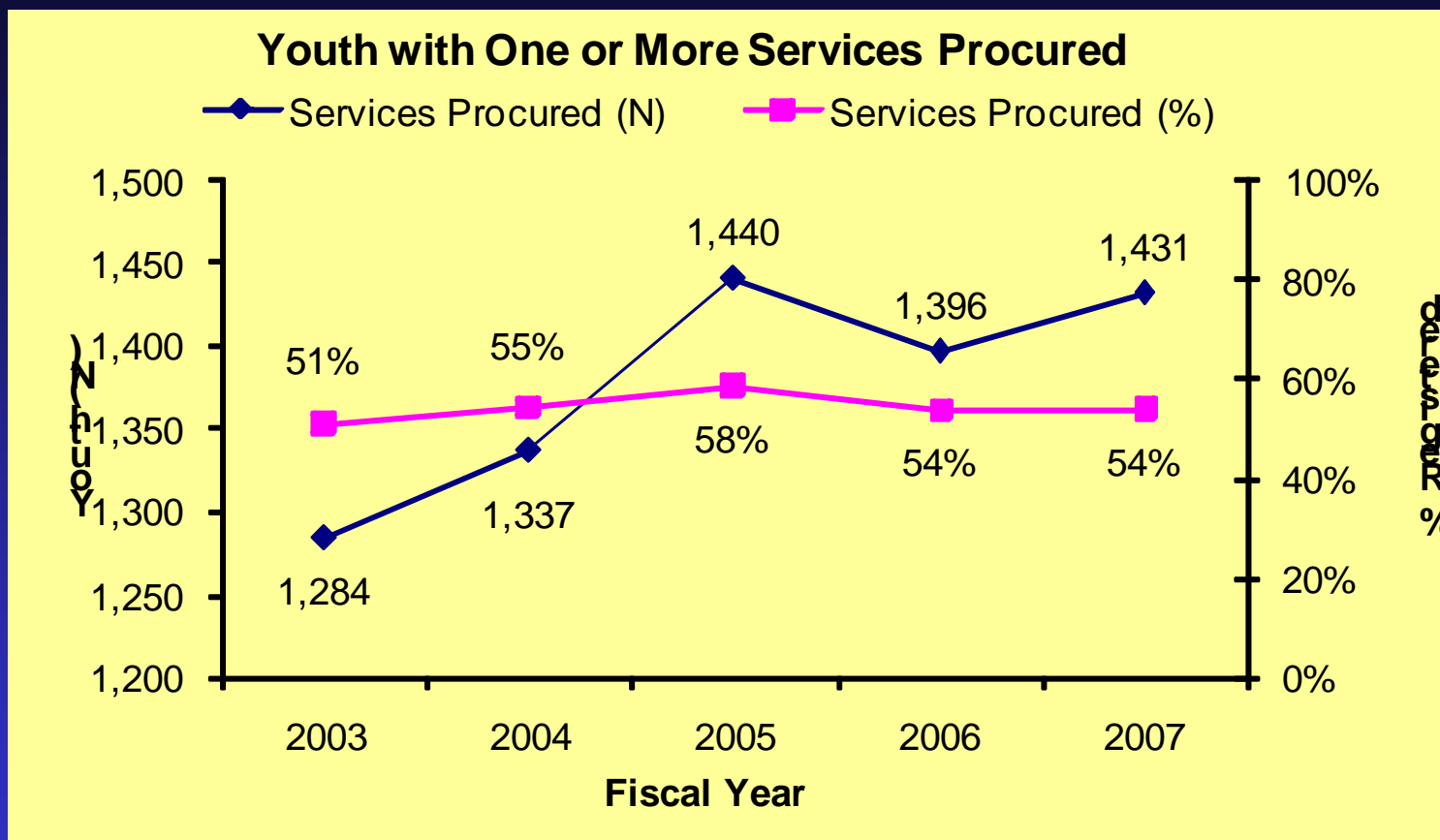


Average # of Diagnoses = 1.8

Service Characteristics

1. How much service?
2. Where were youth served?
3. What types of services?

How Much Service?

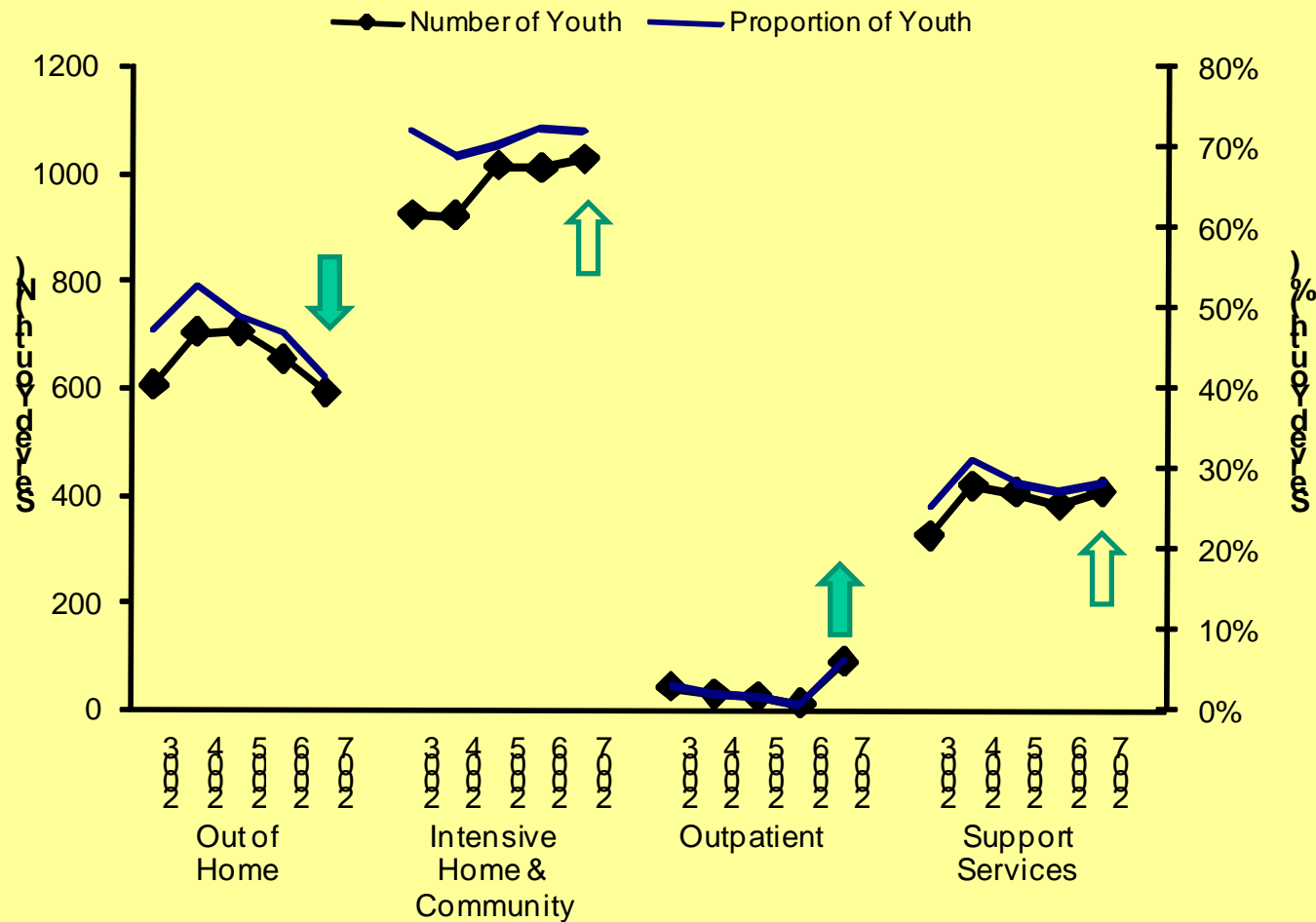


2.5% Increase from 2006

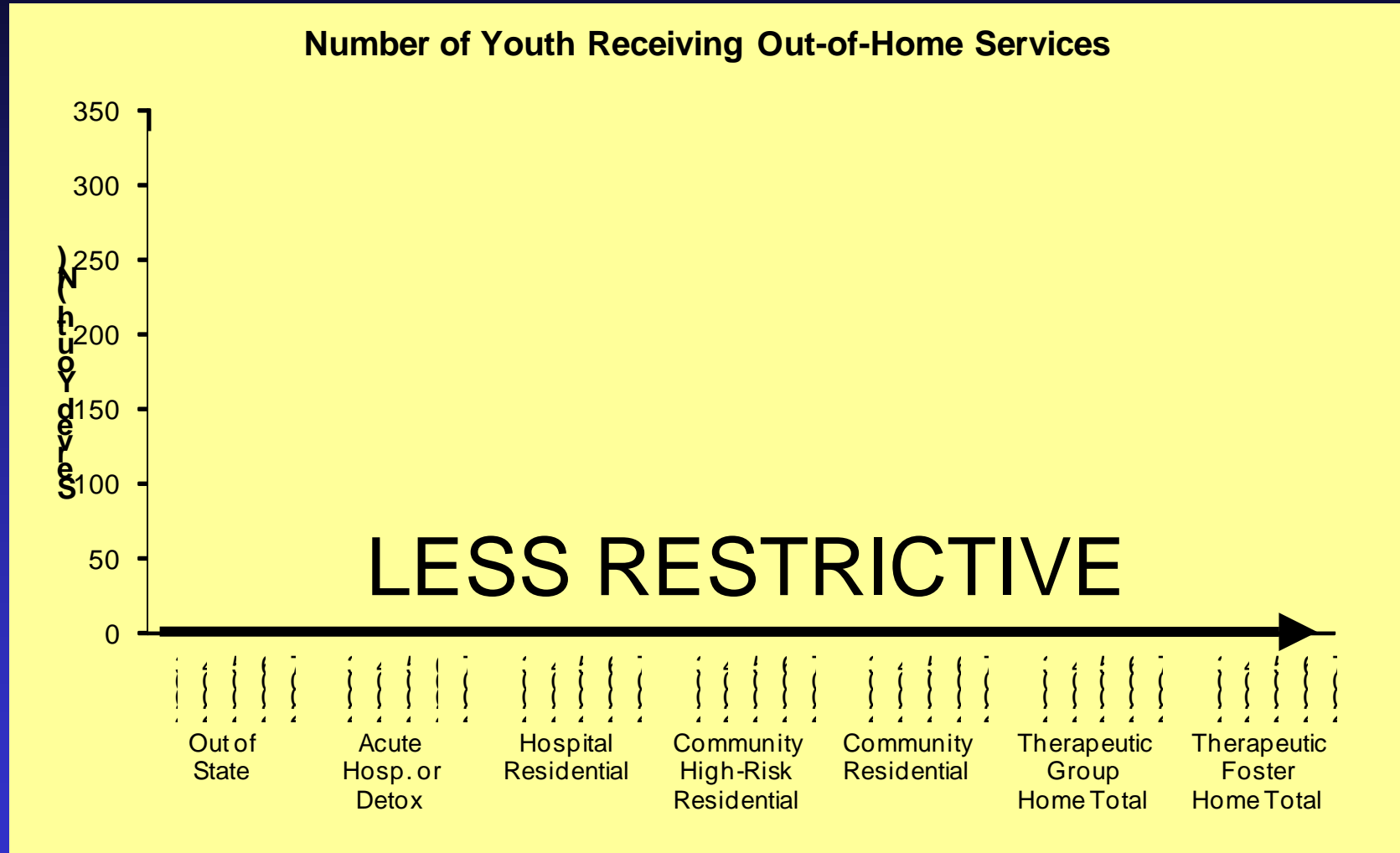
Excluding DOE transfers &
Pervasive Developmental Disorder prior to 2004

Where were youth served?

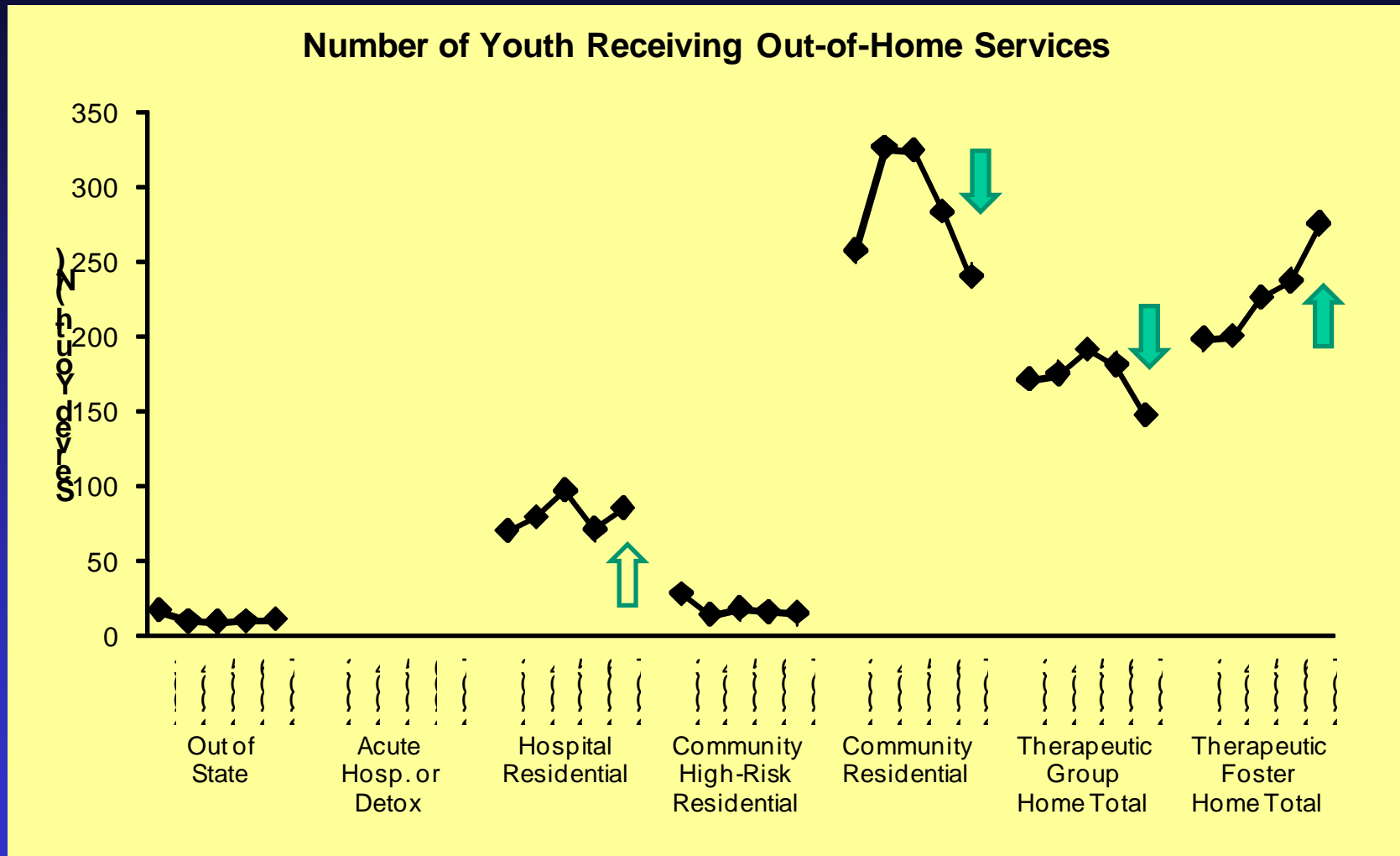
Absolute and Relative Size of Youth Receiving Services



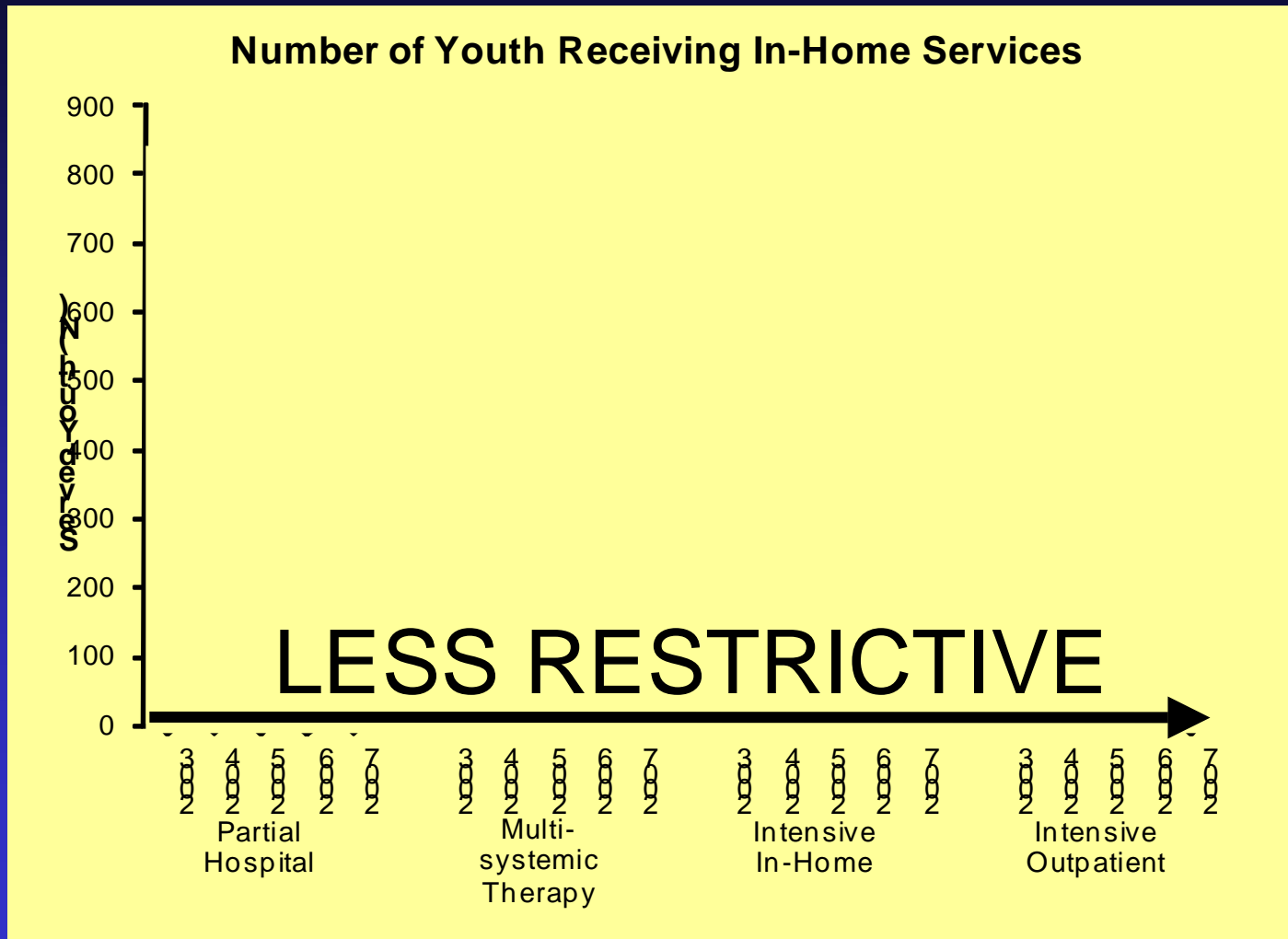
What type of out-of-home services?



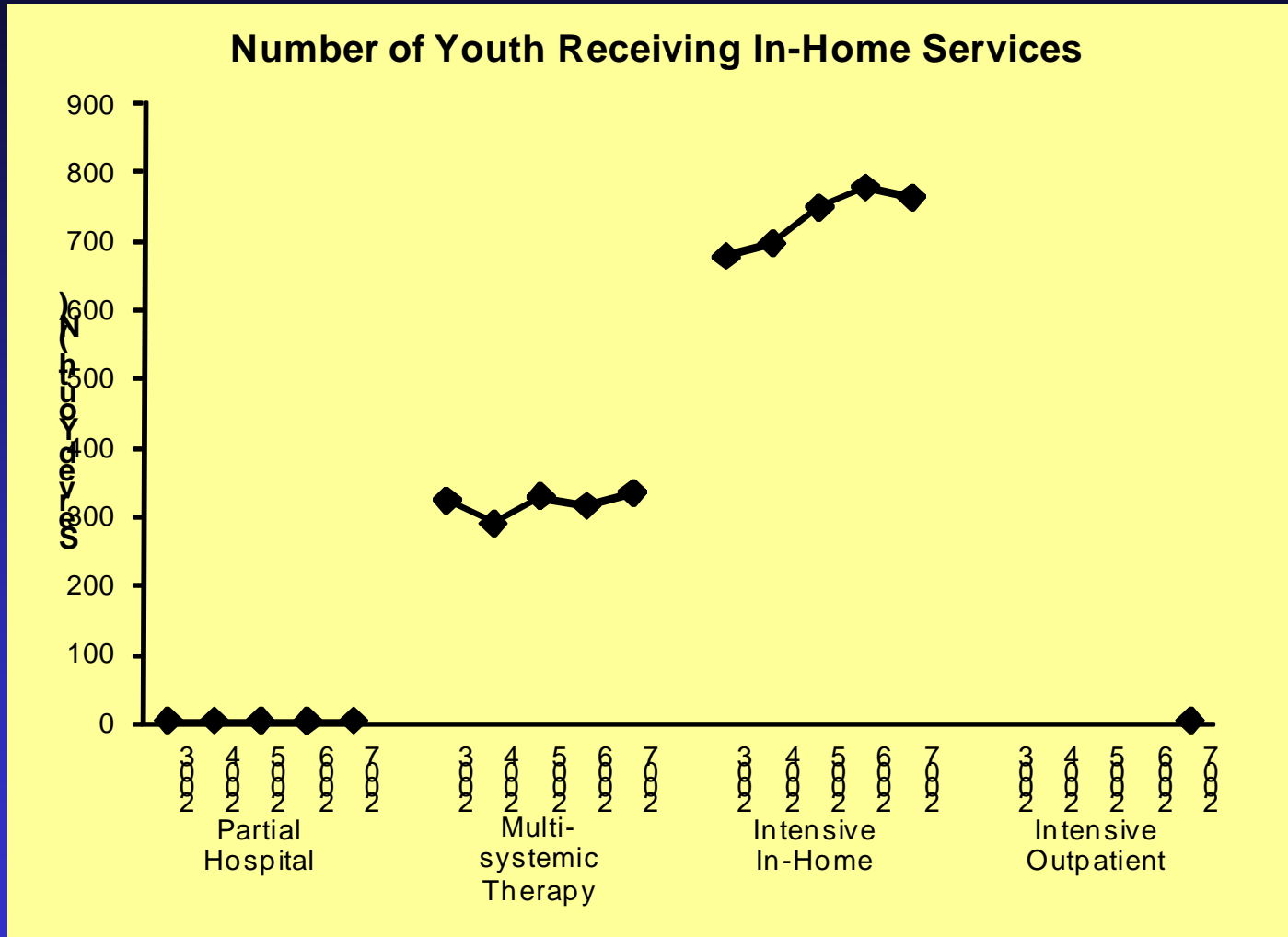
What type of out-of-home services?



What type of in-home services?

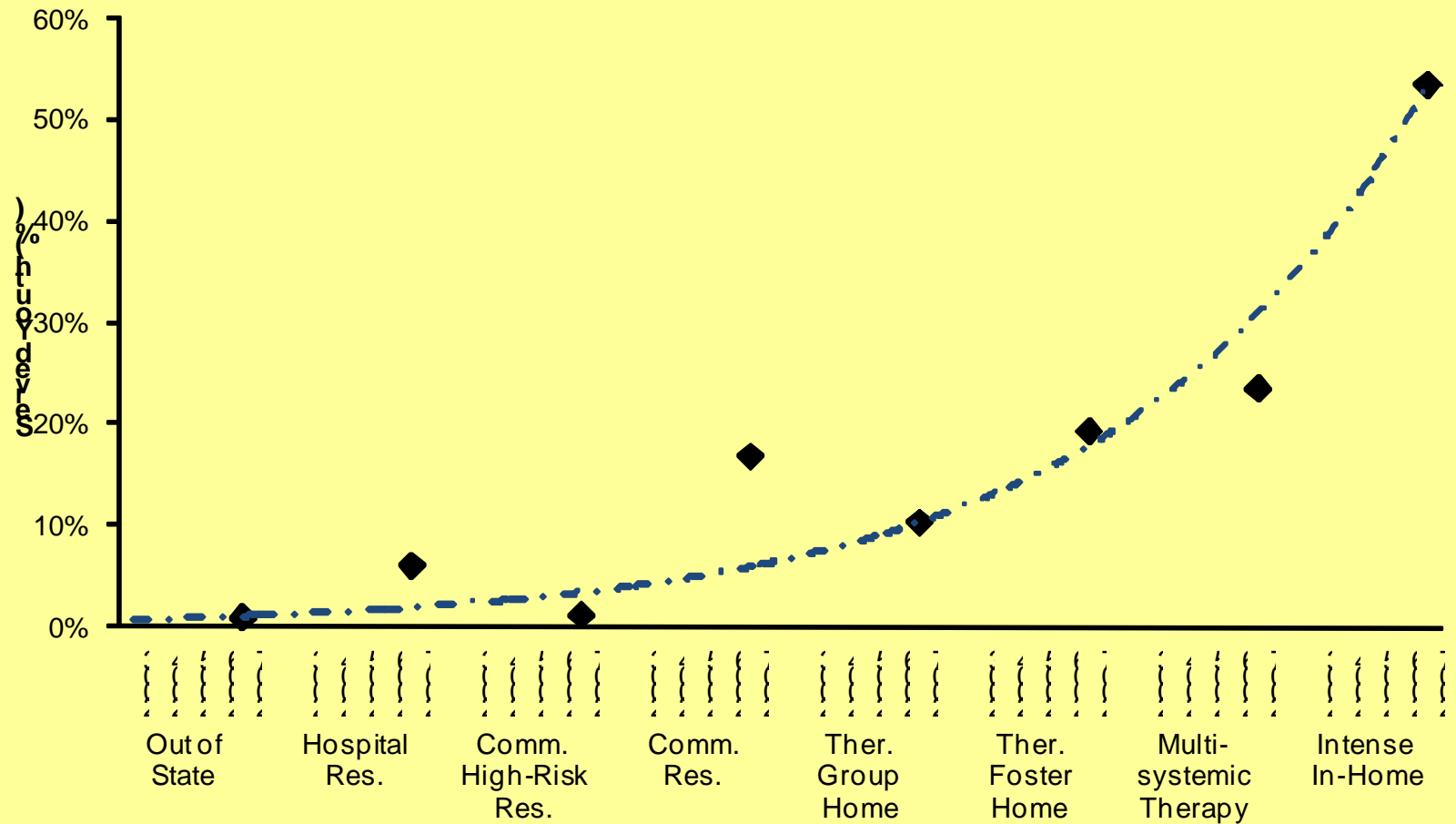


What type of in-home services?



Least Restrictive?

Proportion of Youth Receiving Services



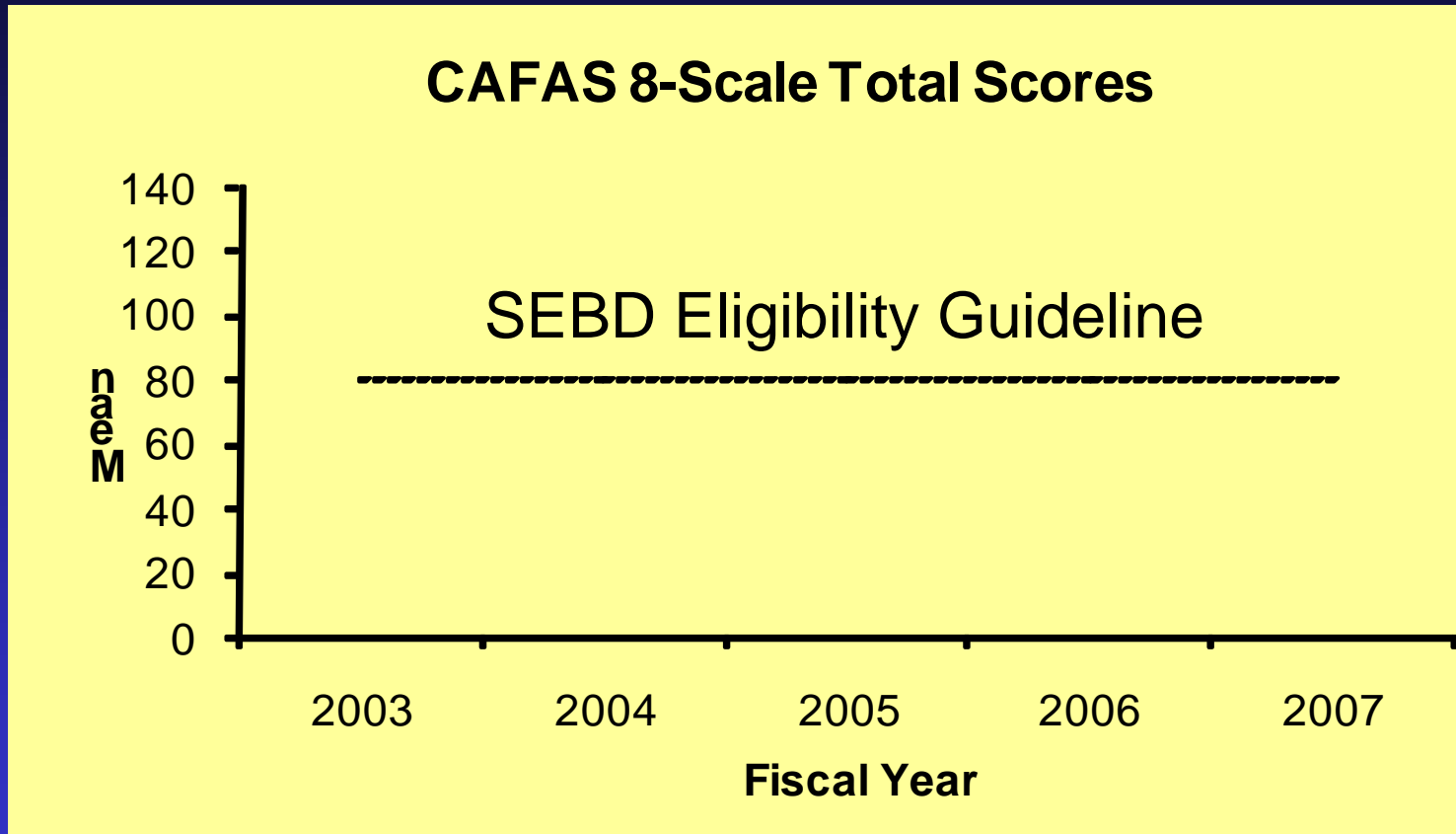
Youth Outcomes

1. Do youth improve with services?
2. Has rate of improvement changed over time?

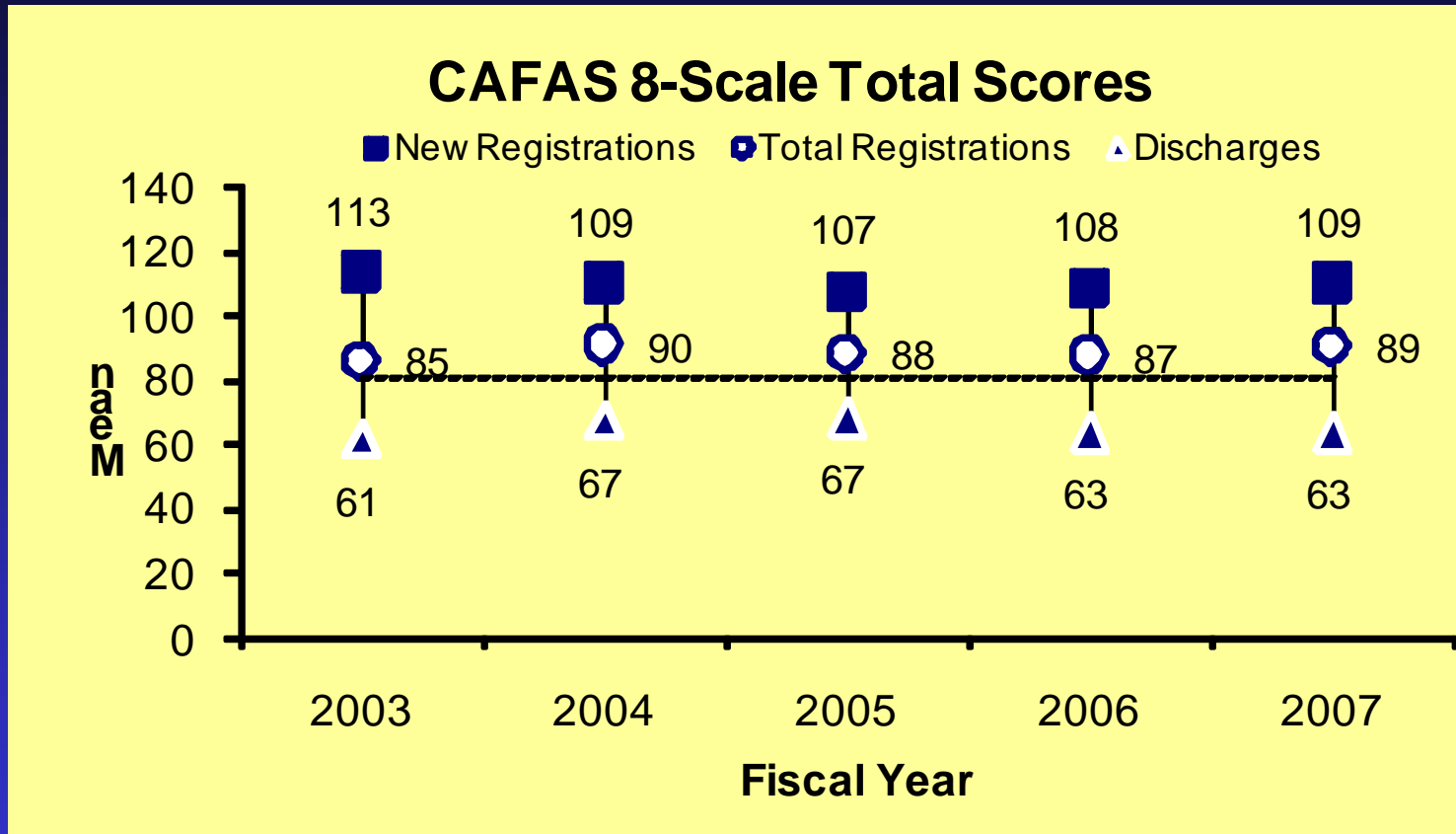
Improvement with Services?

Group Differences

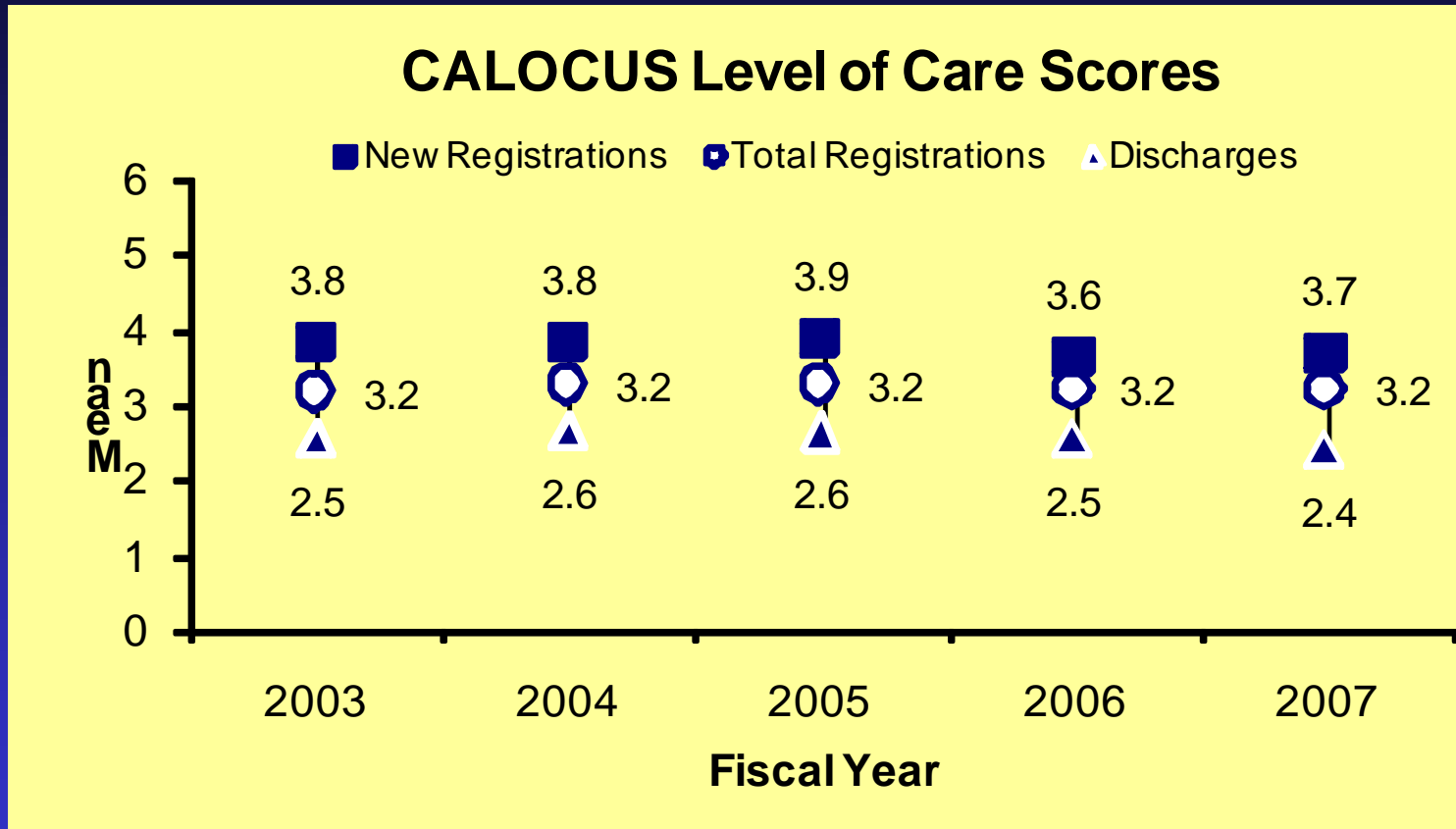
Improvement with Services?



Improvement with Services?



Improvement with Services?

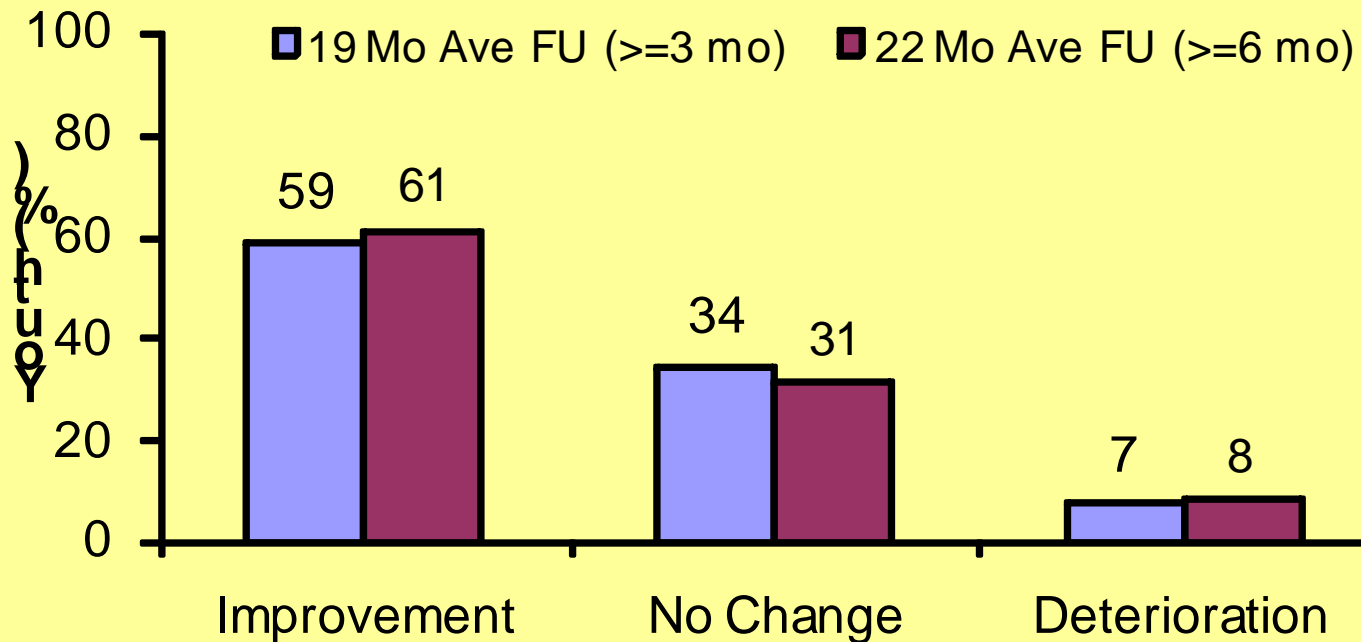


Improvement with Services?

Individual Change
from Baseline to Follow-up

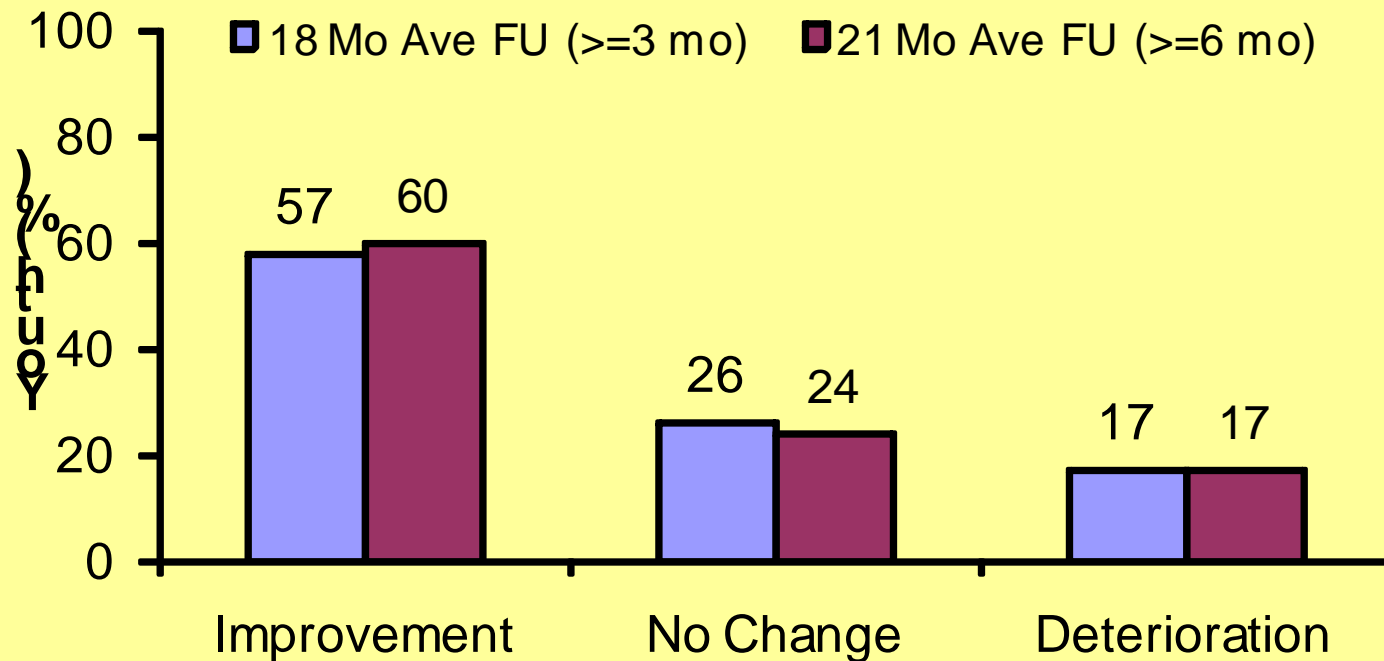
Improvement with Services?

Reliable Change on CAFAS 8-Scale Total



Improvement with Services?

Reliable Change on CALOCUS Level of Care

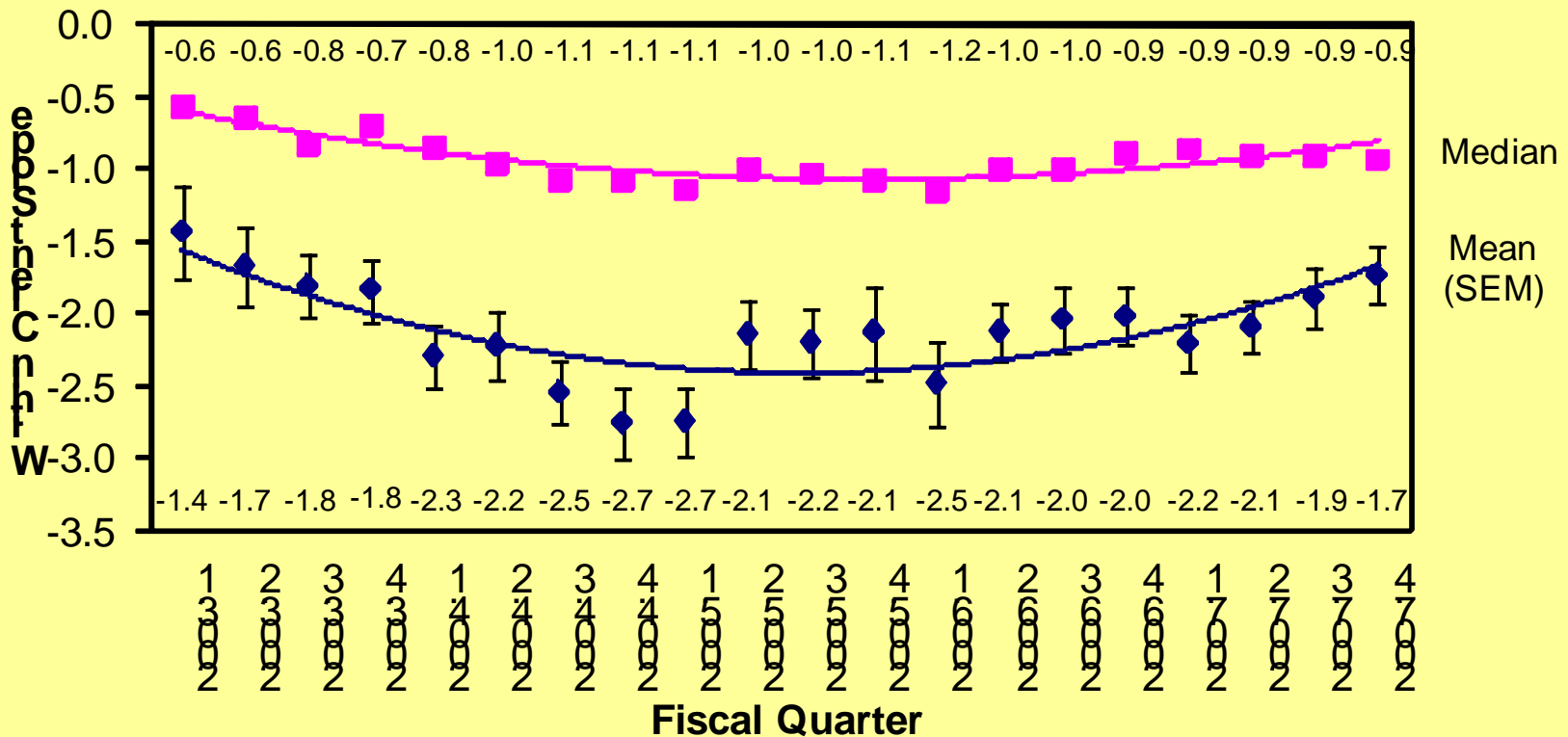


Rate of Improvement?

Individual Change
During Episode to Point-in-Time

Rate of Improvement?

Rate of Change per Month on the CAFAS 8-Scale Total Score during Current Service Episode

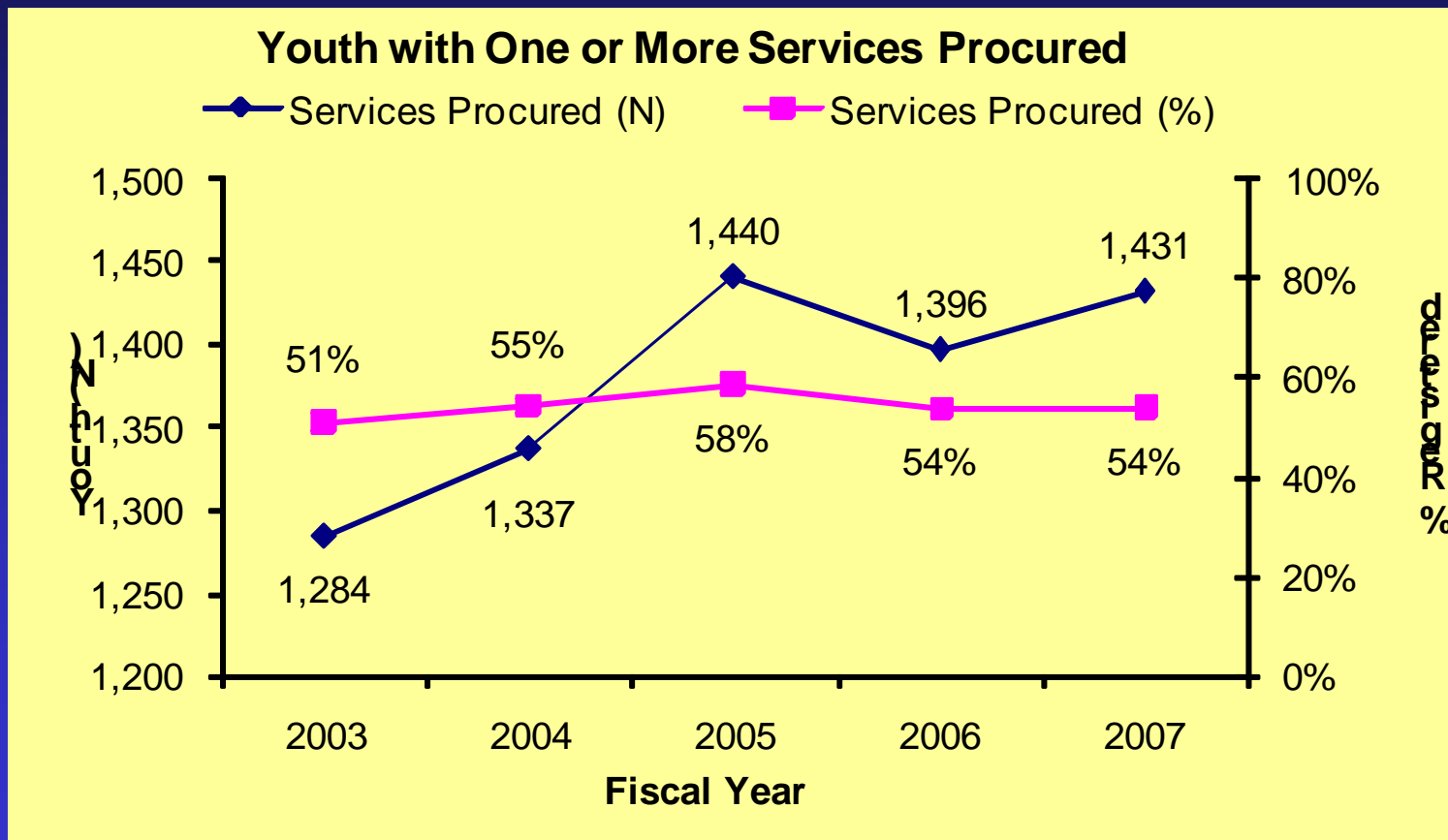


Final Effect Size Change = .05/mo, .60/yr

Special Population Studies

- Do youth who receive care coordination only differ from youth who receive additional services?
- Do youth with QUEST differ from youth with SPED (IDEA/504)?

Do youth who receive care coordination only differ from youth who receive additional services?



Do youth who receive care coordination only differ from youth who receive additional services?

Care Coordination Only (n = 730)

VS.

Services Procured (n = 1,413)

What characterizes youth without additional procured services?

Data Quality

All Indicators Missing Data

more common in youth without services procured

What characterizes youth without additional procured services?

Geographic Region

Maui

Kauai (High End)

Family Court Liaison Branch

*had proportionately more youth without services
procured*

**What characterizes youth without
additional procured services?**

Race and National Origin

**Native Hawaiian or Pacific Island
ancestry**

more common in youth without services procured

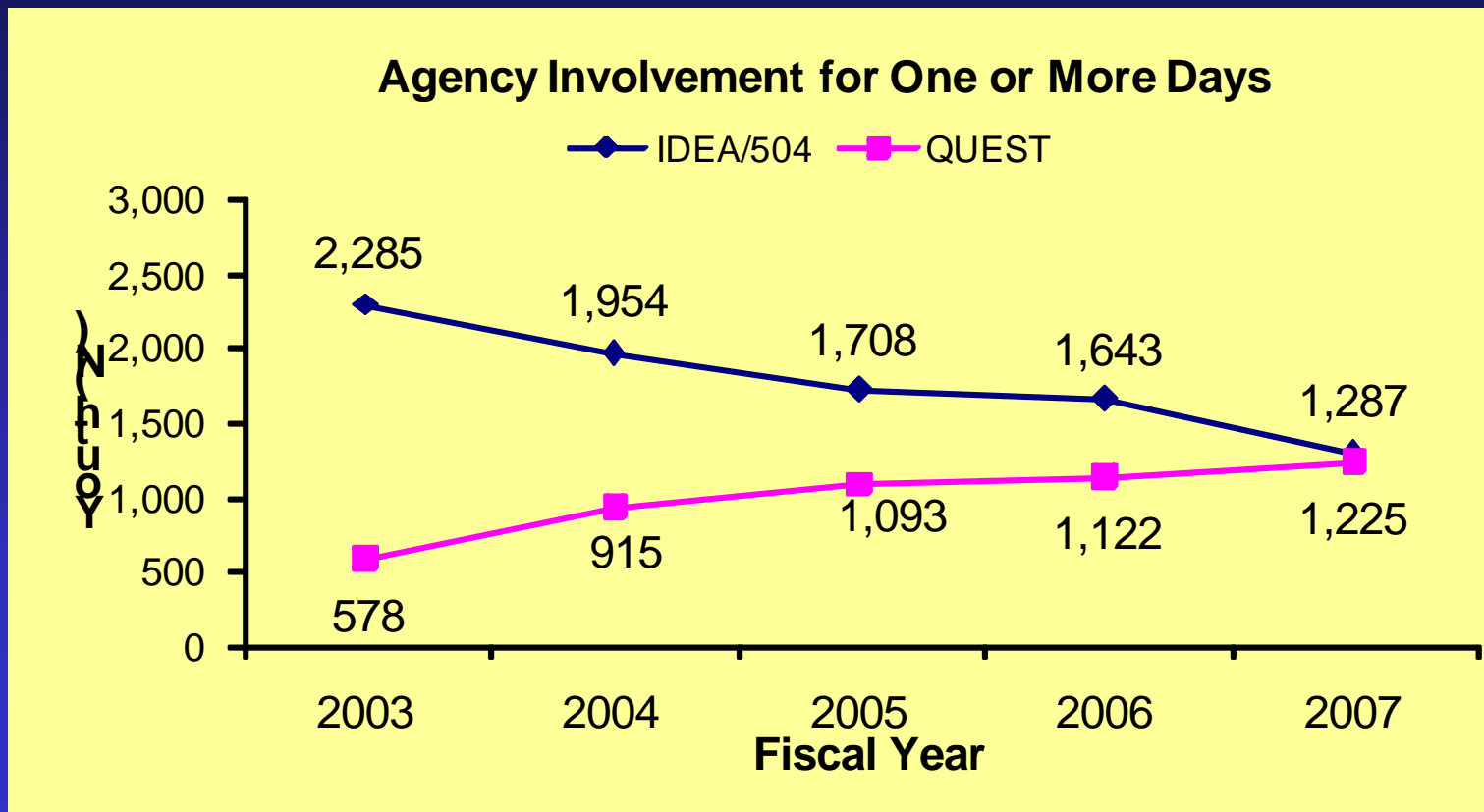
**What characterizes youth without
additional procured services?**

Child Status

**Lower lifetime, average, and recent
scores on the CAFAS and CALOCUS**

in youth without services procured

Do youth with QUEST differ from youth with SPED (IDEA/504)?



Do youth with QUEST differ from youth with SPED (IDEA/504)?

Special Education Involvement	QUEST	
	NO	YES
NO	75	329
Pending	390	400
IDEA or 504	458	491

What characterizes QUEST youth?

Geographic Region

More QUEST

QUEST

Hawaii (Big Island)

Leeward

Less

Maui

What characterizes QUEST youth?

Gender

Females

were more common in QUEST youth

What characterizes QUEST youth?

Race and National Origin

More QUEST
QUEST

Hispanic or Latino
Multiracial

Less

Asian

What characterizes QUEST youth?

Diagnoses

More QUEST
QUEST

**Disruptive Behavior
Attentional**

**Miscellaneous
Retardation**

Less

Mental

What characterizes QUEST youth?

Child Status

Greater change, more reliable improvement, and more clinical improvement

in QUEST youth

had proportionately more QUEST youth

What characterizes SPED youth?

Geographic Region

More SPED

Central

Windward

Kauai

Less SPED

Hawaii

FCLB

What characterizes SPED youth?

Gender

Females

were less common in SPED youth

What characterizes SPED youth?

Diagnoses

More SPED
SPED

Attentional
Adjustment
Mood

related

Less

Substance-

What characterizes SPED youth?

Child Status

**Smaller change, less reliable
improvement, and less clinical
improvement**

*in SPED (PENDING) youth
had proportionately more QUEST youth*

Questions?

Report Available Online:

<http://hawaii.gov/health/mental-health/camhd/library/pdf/rpteval/ge/ge019.pdf>

Factbook Available Online:

<http://hawaii.gov/health/mental-health/camhd/library/pdf/rpteval/ge/ge020.pdf>



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