**Welcome to North Euphoria**



**Data Workshop: Activity 1**

**Background: Statewide Child Outcomes Data for North Euphoria**

***SS1*** Outcome A N = 2309; Outcome B N = 2701; Outcome C N = 2144

***SS2*** N = 4751

What do you think about North Euphoria’s data?

What comparisons would help you decide whether these are “good” results?

**National Child Outcomes Data**

How does North Euphoria compare to the national data?

**Child Outcomes Data for States with Similar Population Size**

How does North Euphoria compare to other states of similar size?

**Child Outcomes Data for States with Similar Percent Served**

How does North Euphoria compare to other states with a similar percentage of children served?

What might be reasons (hypotheses) why North Euphoria has different patterns than similar states?

**Data Workshop: Activity 2**

Hypothesis checking- Do we have enough data to trust the findings? Is the data stable?

North Euphoria began statewide, census data collection in June 2006. All children exiting each year with at least 6 months of service should be in their system. Data for all children who exited the program in the past 4 years between July 1– June 30 are reported below.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Year | Total number of children with outcomes data reported | Total number of children exiting | Number of children exiting with less than 6 months of service | Percent of missing data |
| 2007 - 08 | 900 | 6000 | 500 | 83.6 |
| 2008 - 09 | 3200 | 6400 | 588 | 44.9 |
| 2009 - 10 | 4000 | 6061 | 900 | 22.5 |
| 2010 - 11 | 4741 | 6773 | 700 | 21.9 |

N’s for Summary Statement 1 by reporting year and outcome

|  |  |
| --- | --- |
| Year | Outcome B |
| 2007 - 08 | 225 |
| 2008 - 09 | 1024 |
| 2009 - 10 | 1960 |
| 2010 - 09 | 2701 |

N’s for Summary Statement 2 by reporting year

|  |  |
| --- | --- |
| Year | N |
| 2007 - 08 | 900 |
| 2008 - 09 | 3200 |
| 2009 - 10 | 4000 |
| 2010 - 11 | 4741 |

How would you describe the trends in N’s in the state?

North Euphoria progress category trends from 2007 – 2011 for Outcome B

Summary Statement trends from 2007 – 2011 for Outcome B

How would you describe the changes in the data trends over the last four years?

Do the data seem stable enough to trust?

**Data Workshop: Activity 3**

Hypotheses checking- Do particular programs have challenges with data quality or program quality that are influencing the state data?

Progress categories for Programs in North Euphoria on Outcome B

Which programs have unusual data patterns?

What might be reasons for the unusual patterns?

Percent Gains in Outcome B from Entry to Exit by Program

Are there programs where children seem to make greater gains than in other programs?

What might be reasons (hypotheses) for these differences?

Hypotheses Checking- Do some programs show patterns that suggest problems with data quality?

Outcome B- Program values for category “a”

Outcome B- Program values for category “e”

What programs stand out as having unusual patterns?

Hypotheses Checking- Do some programs have problems with missing data?

Missing data by program for 2010-11

|  |  |  |  |
| --- | --- | --- | --- |
| Program | Total number of exiters with child outcomes data | Total exiters with more than 6 months of service | Percent of missing data |
| P1 | 238 | 242 | 2% |
| P2 | 1425 | 1520 | 6% |
| P3 | 475 | 507 | 6% |
| P4 | 257 | 328 | 22% |
| P5 | 950 | 1515 | 37% |
| P6 | 380 | 486 | 22% |
| P7 | 143 | 160 | 11% |
| P8 | 285 | 300 | 5% |
| P9 | 333 | 425 | 22% |
| P10 | 48 | 150 | 68% |
| P11 | 109 | 110 | 1% |
| P12 | 48 | 50 | 5% |
| P13 | 62 | 280 | 78% |
| State | 4751 | 6073 | 22% |

Are there any programs that may have problems with missing data?

Which programs have the most influence on the state data?

Hypotheses Checking- Are some programs’ data more stable over time than others?

Three years of trend data for SS1 for Outcome B

|  |  |  |  |
| --- | --- | --- | --- |
| Program | SS1 (2008-09) | SS1 (2009-10) | SS1 (2010-11) |
| P1 (238) | 61% | 88% | 83% |
| P2 (1425) | 54% | 81% | 83% |
| P3 (475) | 56% | 83% | 78% |
| P4 (257) | 54% | 81% | 76% |
| P5 (950) | 12% | 39% | 34% |
| P6 (380) | 11% | 38% | 33% |
| P7 (143) | 57% | 84% | 79% |
| P8 (285) | 53% | 80% | 75% |
| P9 (333) | 46% | 73% | 68% |
| P10 (48) | 31% | 35% | 79% |
| P11 (109) | 58% | 85% | 80% |
| P12 (48) | 37% | 64% | 59% |
| P13 (62) | 87% | 48% | 83% |

Does the data for any of these programs look particularly unstable?

**Overall for Activity 3**

What potential red flags have you identified in local programs’ data?

What might be reasons (hypotheses) about why some programs have unique patterns compared to other programs in the state?

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**Data Workshop Activity 4**

Drilling down- Are differences related to data quality or program characteristics?

Hypotheses Checking- Do some programs serve a different population of children than other programs?

Percent of Children in each program who entered:

* At age expectation in all 3 outcome areas
* At age expectation in 2 outcome areas
* At age expectation in 1 outcome areas
* At age expectation in 0 outcome areas

Are there differences in the programs related to the entry scores on the outcomes?

Percent of children with outcomes data by primary language

Are there differences in the programs related to the primary language of the children they serve?

Which programs appear to serve a different population of children than is typical in the state?

Hypothesis checking- Is primary language related to child outcomes?

Progress Categories by Child’s Primary Language

Do there seem to be differences in child outcomes for children who do not have English as a primary language?

**Overall Discussion Questions**

Inferences:

Are there programs in North Euphoria that seem to have trustworthy data?

What Programs in North Euphoria need assistance with improving the quality of their data?

Are there programs in North Euphoria that seem to have quality services leading to good child outcomes?

Are there programs that need assistance in improving their services?

Actions:

What improvement activities would you plan for North Euphoria related to data quality?

What improvement activities would you plan for North Euphoria to improve the quality of services?

Notes on Hypotheses

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| --- | --- | --- |
| Program # | Unusual pattern | Possible reason(s) for pattern |
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