

Using Data to Transform Indiana's Behavioral Health System

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Overview

- ❑ Study Using Administrative Data
- ❑ Consumer Service Reviews
- ❑ Uniform Assessment Tools/Outcome Quality Management
- ❑ Standardized Fidelity Measure

Predictors of Improvement for Children Served in Developing Systems of Care Walton, 2006

Context: 30 CMHC provide Continuum of Care
Local SOC's developed over 10 years

Question: How do outcomes for children who are served by systems of care differ from outcomes for children who are served by usual public mental health services?

Methodology

- ❑ Used Administrative Data
- ❑ 2 samples of 386 youth matched by baseline functioning, time between assessments, age, race, ethnicity
- ❑ Mixed Methodology: Qualitative Fidelity Measure & Logistic Regression Models

FIDELITY MEASURE

Based on Change Theory
(Rogers, 2003; Procheska, Norcross & DiClemente, 1992)

Measures "Level of Development" (LOD)
of System of Care Service Delivery
(Wraparound Teams) (Effland, 2004)

Precontemplation	n	Baseline Well Being
Contemplation Preparation	LOD1 34	Similar to General Population: 5.20
Action Sustained	LOD2 135 LOD3 139	4.60 4.44
Matched Usual Services Sample	386	4.79
25 local Systems of Care		

LEVEL OF FUNCTIONING

Hoosier Assurance Plan Instrument for Children
(HAPI-C)

<p>Psychosocial FACTORS</p> <p>(A) Affective Disorders (F) Thinking (Community Functioning) (G) Family Functioning (H) School Functioning (I) Disruptive Behavior (AFGHI) Wellbeing</p> <p>Contextual FACTORS (SOC)</p> <p>(C) Abuse (D) Neglect (L) Reliance on Mental Health Services</p>	<p style="text-align: center;">METHODOLOGY</p> <p style="text-align: center;">9 LOGISTIC REGRESSION MODELS</p> <p>CRITERION VARIABLES: Improvement in Functioning</p> <p>PREDICTOR VARIABLES: Service in System of Care Level of Development of SOC Baseline Functioning Controls (Age, Race, Gender, Ethnicity, Living Environment, Baseline Substance Use) Interactions between Services & other variables</p>
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CONCLUSIONS

- ❑ Target child & family wraparound services to children who are most likely to benefit
- ❑ Monitor fidelity – related to improvement for children & families
- ❑ Need a useful & accurate functional assessment tool
- ❑ Integrate effective practice (outcome measures & EBPS) into the SOC
- ❑ Multiple Strategies Needed

Tools for Transformation

- Community Services Review
- Child & Adolescent Needs & Strength (CANS) Implementation Across Service Systems
- Wraparound Fidelity Index

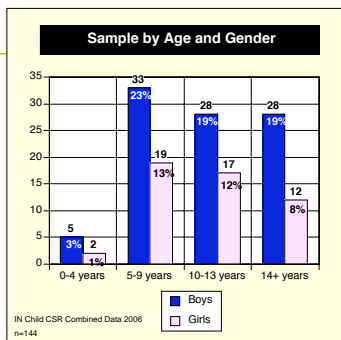
Measuring and Improving Practice and Results 2006 CSR Baseline Results

Ivor Groves, PhD

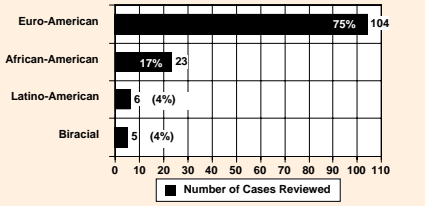
Human Systems & Outcomes, Inc.

The Community Service Review

- Is a CASE STUDY technique that relies on a guided professional appraisal.
- Uses various sampling strategies to "SPOT CHECK" daily front-line practice performance working conditions

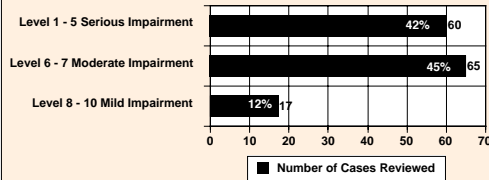


Race/Ethnicity Adult Review

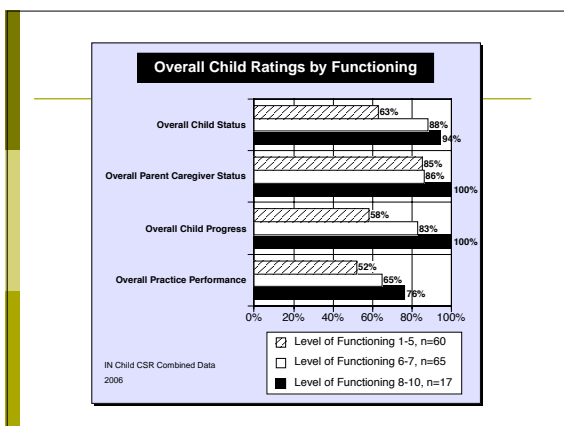
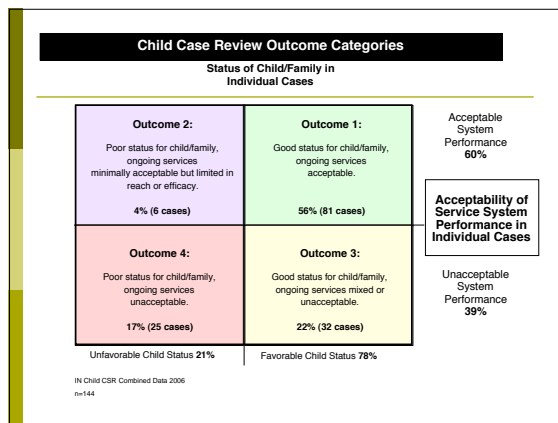
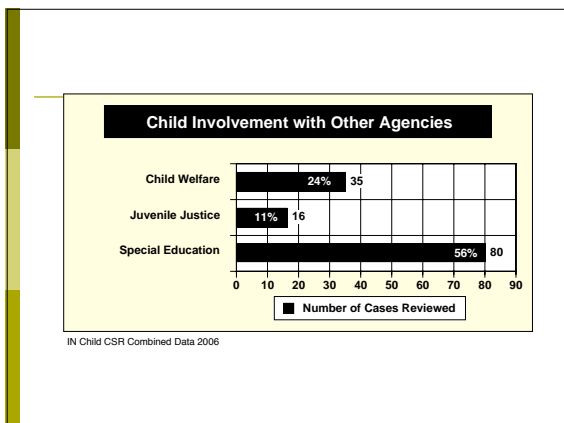


IN Adult CSR Combined Data 2006
n=138

Child Level of Functioning (GAF)



IN Child CSR Combined Data 2006
n=142



SOC vs. Usual Services

In nearly all counties in which a System of Care was functioning, stakeholders reported greater satisfaction with the access to services and the results being achieved.

Consistent with the CSR ratings of children in the System of Care compared to children who were not in the System of Care

Child and Adolescent Needs and Strengths (CANS) Assessment Decision Support, Quality Improvement & Outcomes Monitoring

John S. Lyons, Ph.D.
Northwestern University

TCOM Grid of Activities

	Family & Youth	Program	System
Decision Support	Service Planning	Eligibility	Resource Management
Quality Improvement	Case Management & Supervision	Accreditation	Transformation
Outcome Monitoring	Service Planning & Celebrations	Evaluation	Performance Contracting

Incremental Implementation

- ❑ Cross System Implementation Team
- ❑ Multisystem Tools and Decision Models
- ❑ Interactive Web Based Training/Certification & New Data Collection, Analysis & Reporting System
- ❑ Phased-in Implementation: Local/Grassroots Projects, Correction Facilities 7 Re-entry – Nov 2006, Education – Pilot Jan 2006, Behavioral Health Statewide – July 2007; Child Welfare Using CANS Based Recommendations to Inform Decisions – July 2007

Wraparound Fidelity Index

Janet McIntyre, MPA

Indiana's Technical Assistance Center for
Systems of Care & Evidence Based Practice
for Children & Families
Choices, Inc.

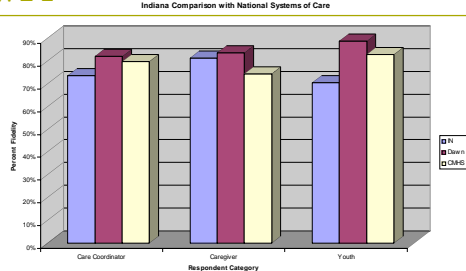
WFI

- ❑ WFI 3.0 pilot administered in 2006
- ❑ 18 Care Coordinators
- ❑ 31 Caregivers
- ❑ 10 Youth
- ❑ N=41 different families
- ❑ 15 different Indiana SOCs

WFI

- ❑ Benchmarks for total WFI 3.0 scores:
 - 65% Minimum standard for wraparound
 - 75% Adequate wraparound
 - 85% High fidelity wraparound
- ❑ Indiana = Adequate wraparound (75.1%)

WFI



Discussion



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