

# Wraparound Outcomes

## Improving Family Lives

### Wraparound provided by these agencies:

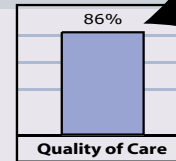
MHMR of Tarrant County  
The Parenting Center  
Santa Fe Youth Services

ACH Child and Family Services  
Catholic Charities  
Lena Pope Home

Between 2003 and 2008, a total of 341 families in Fort Worth, Texas, received wraparound through **Community Solutions**, a federal cooperative agreement (SAMHSA/CMHS Grant # SM54497).

AGE	RACE/ETHNICITY	GENDER	AXIS I DIAGNOSIS	CHILD AND FAMILY CONTEXT
<p>4-7 years old: 21%</p> <p>8-10 years old: 25%</p> <p>11-13 years old: 30%</p> <p>14 or older: 24%</p>	<p>White, non-Hispanic: 44%</p> <p>African American: 34%</p> <p>Hispanic or Latino: 26%</p> <p>American Indian: 2%</p> <p>Asian: &lt; 1%</p> <p><small>Percentages do not sum to 100% because children may belong to more than one category.</small></p>	<p>Male: 76%</p> <p>Female: 24%</p> <p><b>More boys than girls</b> Consistent with national trends, about three-quarters were boys.</p>	<p>Attention-Deficit/Hyperactivity Disorder: 65%</p> <p>Oppositional Defiant, Disruptive Behavior, or Conduct Disorders: 37%</p> <p>Depressive Disorders: 17%</p> <p>Bipolar Disorder: 13%</p> <p>Other diagnoses included Adjustment disorders, Anxiety disorders, &amp; Mood disorder - NOS. Percentages do not sum to 100% because children may have more than one diagnosis.</p> <p><b>Diagnoses differed by gender</b> Boys more likely to have Attention Deficit or Disruptive Behavior disorders. Girls more likely to have Depressive disorders.</p>	<p>Family history of mental illness: 73%</p> <p>Family history of substance abuse: 64%</p> <p>Exposure to domestic violence: 54%</p> <p>Family history of crime: 44%</p> <p>Child history of running away: 27%</p> <p>Child history of physical abuse: 25%</p> <p>Child history of sexual abuse: 17%</p> <p>Child history of suicide attempts: 11%</p> <p>Child history of substance abuse: 11%</p> <p>In alternative school setting: 19%</p> <p>Removed from school due to emotional/behavioral problems: 23%</p> <p>Family involved with CPS: 28%</p> <p>Family involved with Juvenile Services: 33%</p> <p>Single-mother household: 51%</p> <p>Living at or below federal poverty level: 76%</p>

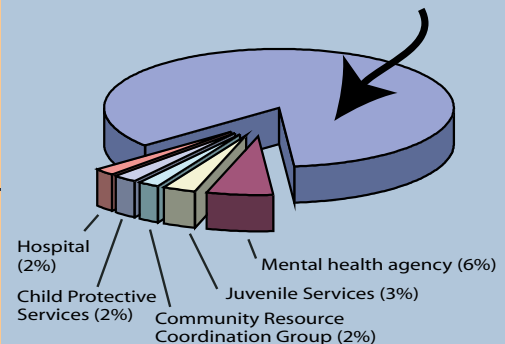
**Community Solutions** provided high-quality **341** Wraparound to **families** in Fort Worth, Texas



**high fidelity**  
**adequate fidelity**  
**inadequate fidelity**

Fidelity score based on ratings from a sample of 55 teams, using the Wraparound Fidelity Index, version 3.

**84% of families were referred through one of Fort Worth ISD's FAMILY RESOURCE CENTERS**



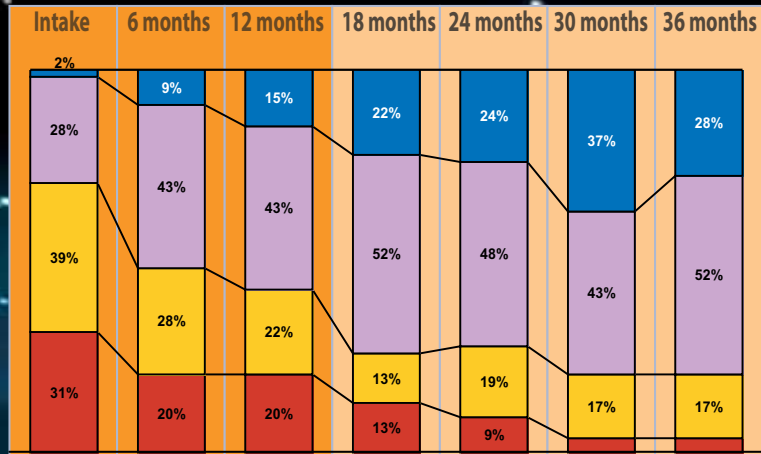
# Wraparound Reduces Functional Impairment

**Most children entered wraparound with Serious or Severe impairment** in their daily lives, as measured by the Child & Adolescent Functional Assessment Scale (CAFAS).

**SERIOUS**  
(or "Marked")  
Total score  
100 - 130

**SEVERE**  
Total score  
140 or more

## Intervention (Typical length of service = 12 months)      Post-Intervention

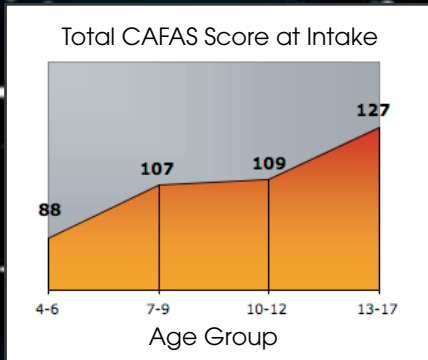


**MILD**  
Total score  
40 or less

**MODERATE**  
Total score  
50 - 90

## SEVERITY INCREASES WITH AGE

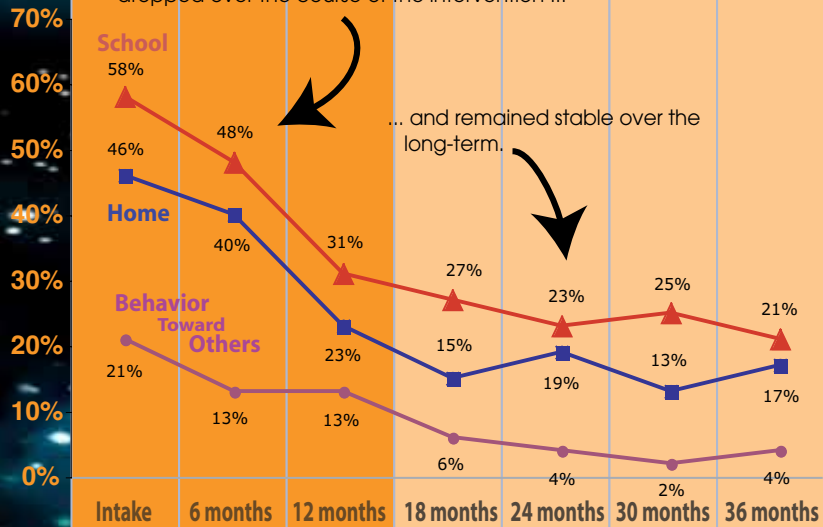
especially as youths become involved with substance use and delinquent behavior.



**Early intervention is key.**

## Wraparound helped families find ways for their children to function better at school and at home.

The percentage of children with severe impairment in these settings dropped over the course of the intervention ...



## Life after wraparound:

Most youths sustained Mild or Moderate levels of impairment up to 3 years later. The average change in functioning was substantial - a clinically and statistically significant improvement.

(mean 36-month change on CAFAS = 46 points,  $p < .001$ )

Data are based on a sample of 47 families who participated in a local longitudinal outcome study and provided complete data at each time point. An additional 14 families provided partial data that, though not shown here, followed the same pattern of results. The other CAFAS subscales not shown here also showed improvement, except for the Substance Abuse subscale.

In 2002, Fort Worth entered into a System of Care Cooperative Agreement with the Substance Abuse and Mental Health Services Administration (SAMHSA), which is a part of the U.S. Department of Health and Human Services. The City of Fort Worth administered the six-year initiative, which was called Community Solutions.

Grant funds supported development of the infra-

structure for a system of mental health care for children between the ages of 6 and 18. In addition, the Cooperative Agreement funded implementation and evaluation of wraparound for 341 families starting in 2003.

The wraparound process calls for a trained facilitator to work with each family to explore strengths, culture and needs. With support from the facilitator, the family

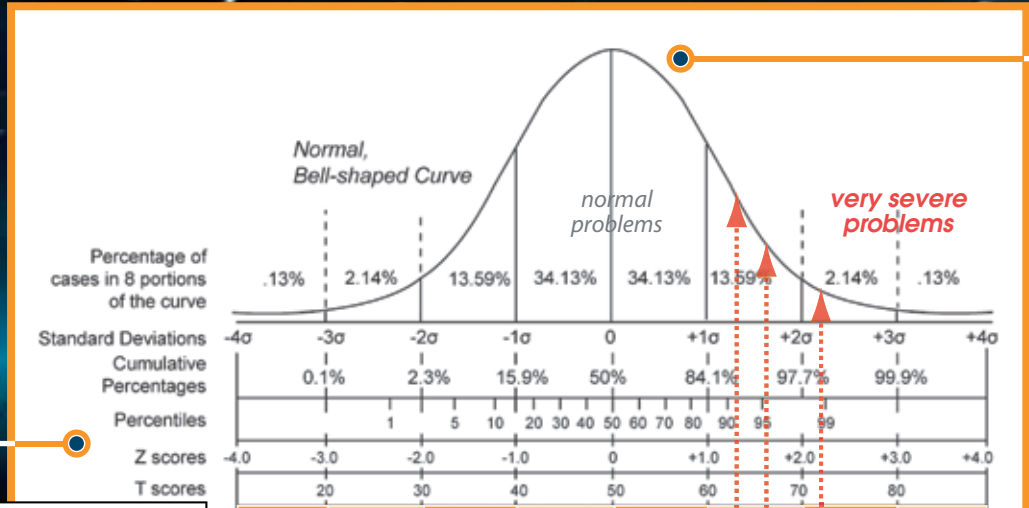
# Wraparound Reduces Frequency & Severity of Behavioral and Emotional Problems

Standardized measures of child & adolescent behavior allow individual children's behavior to be compared with that of other children of the same age and gender nationwide.

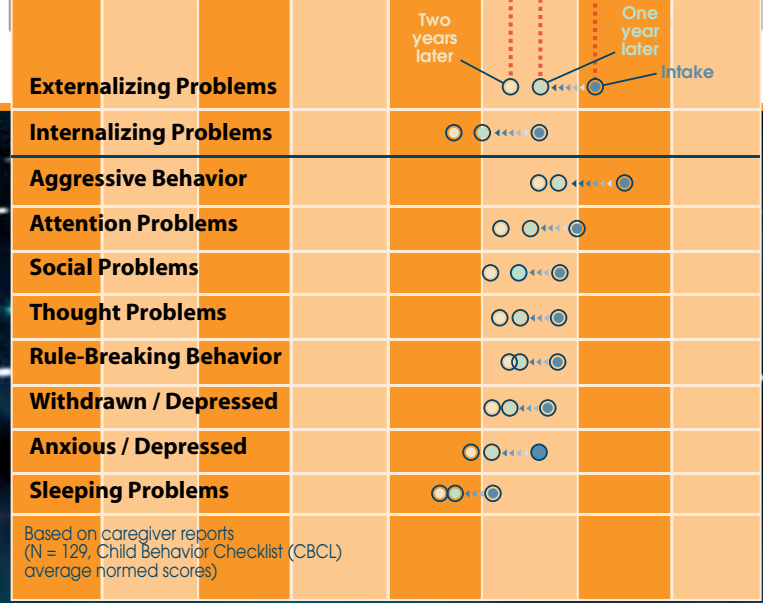
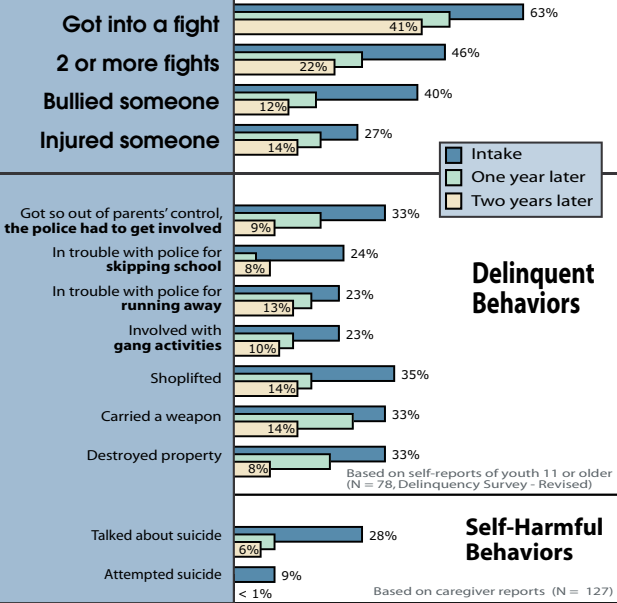
## Both internalizing and externalizing problem behaviors were reduced

significantly, by a full standard deviation, over the course of 2 years.

(mean 24-month change in Total Problems T-Score = 10 points, Child Behavior Checklist (CBCL), N = 129, p < .001)



In the past 6 months ...



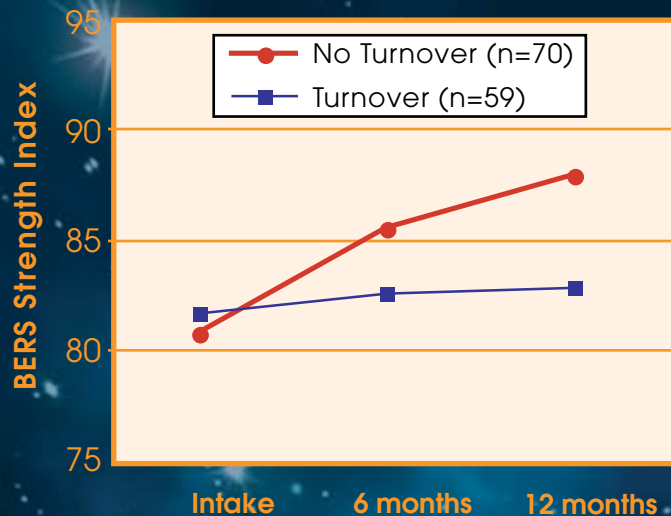
**Aggressive Behavior** was the biggest problem for many of the children. The average Community Solutions child was above the 99th percentile in Aggressive Behavior.

develops specific goals and creates a wraparound team to help meet their goals. These teams can include family members, friends, neighbors, mental health providers, church members, educators and others who work on individualized plans and provide supports for the families.

Community Solutions contracted with MHMR of Tarrant County, the local mental health authority, to

evaluate the results of wraparound. Findings showed that the process was highly effective for the youth and their families. Improvements were seen in such areas as severity of problem behaviors, school and home functioning, strengths and caregiver strain.

## Wraparound Builds on Behavioral and Emotional Strengths



... but only when the same wraparound facilitator stays involved with the family from start to finish.

When there is **employee turnover**, children's strengths **do not** improve significantly over 12 months.

Based on caregiver reports  
Behavioral and Emotional Rating Scale (BERS-2C)  
Standardized scale: Mean of 100 with standard deviation of 15.

## Wraparound Improves Family Life and helps reduce Caregiver Strain



Types of Caregiver Strain:

Subjective Internalizing  
worry, guilt, fatigue

Objective Strain  
lost work time, financial hardship

Subjective Externalizing  
anger, resentment, embarrassment

Based on caregiver reports, N = 133  
Caregiver Strain Questionnaire (CGSQ)  
Scale of 1 to 5

## Wraparound Changes Lives

"I don't know where my son would be if it hadn't been for wraparound. He was very angry and rebellious, and now he's not."

"I know now that I can do things on my own. I'm a stronger person ... I was not able to take care of my family; now, I know I can."

"The behavior is so much better. We still focus on the positive, we deal with the negative ..."

"I didn't see my kid going anywhere except juvenile hall, and now he's in high school."

"You had to be there to see the process, the change he went through. It was awesome. Is that my son? Wow!"

"There is tranquility at last at my home. I used to call the cops every day because of my daughter. It's been 3 years since we finished wraparound and everything is great."



Mental Health Connection is a collaboration of public and private agencies, as well as individuals who need mental health care services and their caregivers. The organization works to revolutionize the mental health delivery system, with a vision of creating No Wrong Door to the Right Mental Health Resources.

For more information about Mental Health Connection, visit [www.mentalhealthconnection.org](http://www.mentalhealthconnection.org) or call 817.927.5200