

# Outcomes of CASSP-Based Consultation Model

## OVERVIEW

### Population:

Youth with serious mental health problems  
Public sector managed care organization  
Island of Maui, Hawaii  
Fiscal Year 2006

### Service:

Child and Adolescent Service System (CASSP) interventions  
Strength-based  
Child / family centered  
Systemic and structural theory applications

### Outcomes:

Decreased out-of-home placements  
Increased intensive in-home treatments  
Exemplary cost-quality indicators

## CONCLUSION

Implementing best practice interventions consistent with CASSP principles produced an effective consultation model for youth with serious mental health problems on the island of Maui, Hawaii. Applying strength-based and child and family centered systemic and structural theory techniques demonstrated positive clinical outcomes and financial efficiencies.

## CASSP CONSULTATION MODEL

### I. IDENTIFY CONSULTATION MODEL TRIGGERS

Out-of-home placement proposed Not improving  
Increased level of care (LOC) Protracted services by LOC  
Dissatisfaction with treatment (tx) Hospital-level care

### II. CONSULT WITH YOUTH AND "EXECUTIVE" TEAM MEMBERS

1. Question what each believes are the necessary steps for youth to live at home/step down LOC
2. Assess organization of systemic hierarchy - preferably in team setting

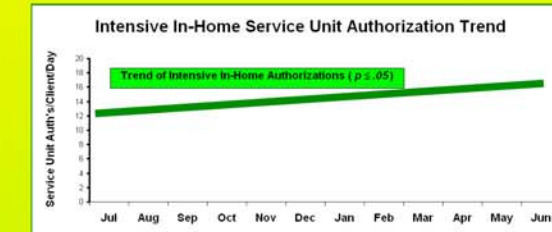
### III. EVALUATE TARGETED STEPS

1. Are identified steps related to the capacity, potential and stability of the home/or step down level of care?
2. How does the diagnosis influence team members' perception regarding step down?
3. To what extent have the people/leaders been identified who are responsible to define and then succeed for each step?
4. To what extent do the treatment, crisis, and service plans target stabilization?
5. To what extent is there congruence vs. fragmentation with the plans?
6. To what extent are targeted steps the priority of those responsible?
7. What "structural" changes in the systemic hierarchy are needed to support those responsible?

### IV. CLINICAL DIRECTOR DETERMINES THE AGREEMENT/COHERENCE AMONG "EXECUTIVES" AND UTILIZES INTENSIVE STRUCTURAL AND SYSTEMIC TECHNIQUES AS NEEDED

1. Clearly define needs in practical terms to stabilize/empower home placement or step down treatment
2. Reframe primary clinical task to be empowerment of family/caregivers as most important and valuable members of the team
3. Utilize and teach techniques that
  - \* assure developmentally appropriate systemic hierarchy and
  - \* focus on finding, treating, and maximizing strengths and hidden potential
4. "Recontextualize" the team view to focus on different possibilities and expectations

## UTILIZATION TRENDS



Indicator description: the total service unit authorizations per client with authorizations per day.

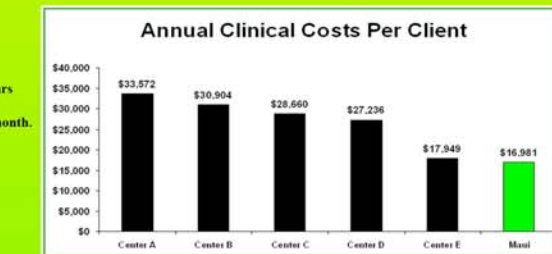
The upward trend of intensive in-home service authorizations was significant using Pearson's correlation coefficient.



Indicator description: the total service unit authorizations per client with authorizations per day.

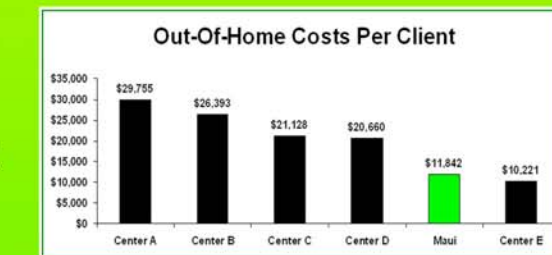
The downward trends for service authorizations for both residential treatment centers and group homes were significant using Pearson's correlation coefficient.

## COMPARATIVE COST INDICATORS



Indicator description: the total annual dollars accepted by electronic claims per average number of youth with accepted claims per month.

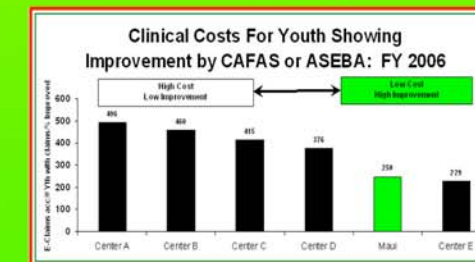
Note that Maui's average is lower than the averages for other centers.



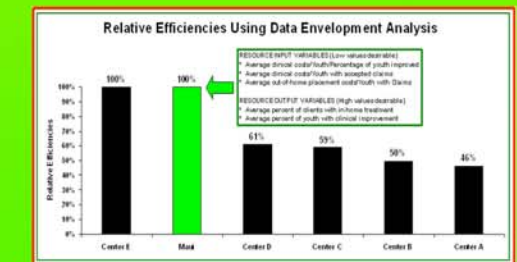
Indicator description: total out-of-home costs per center per client with claims per year.

Note that Maui's average out-of-home costs per client are lower than most other centers.

## COST:QUALITY INDICATORS



Indicator description: total dollars accepted by electronic claims per number of youth with accepted claims per average quarterly percentage of youth showing improvement on the CAFAS or ASEBA. Maui's average value is significantly less than the average of the whole group ( $p < .01$ ). Test statistic, z.



Indicator description: multivariate technique uses linear combinations of inputs and outputs to create an efficiency ratio. It creates a best model for each business unit. This indicator suggests that Maui and one other center are on the efficiency frontier.