Managing Risk and Costs Using Data-Based Decision Making

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Dawn Project

- Serves youth with serious emotional disorders
- ■Youth are at risk for or have a history of residential placement
- ■Receives referrals from several child serving systems
 - ■(i.e., child welfare, juvenile justice, education, and mental health)



Dawn Project

- ■60% of youth are in costly out-of-home placement at time of referral
- ■Youth represent a substantial financial burden to the systems mandated to serve them



Managing Costs

- ■Per client per month case rate (\$4379)
 - ■Benefits:
 - ■Flexibility
 - ■Child and family teams make the decisions and purchases needed services
 - ■Helps system partners manage costs



Managing Costs

- ■Per client per month case rate (\$4379)
 - \blacksquare Pitfalls:
 - ■Presupposes that you will make money in some instances and lose money in others
 - ■Balancing out is NOT guaranteed
 - ■...It's risky!

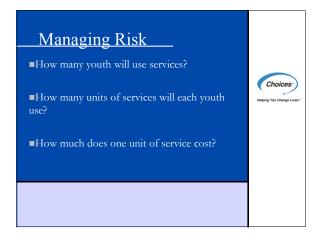


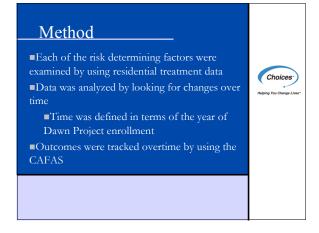
Purpose of Study

- ■Dawn Project costs were soaring and we needed to learn how to manage risk
- ■Hypothesized:
 - methods used by managed care organizations to manage costs and risk could be employed successfully
 - ■Employing such risk management methods would not adversely impact youth outcomes

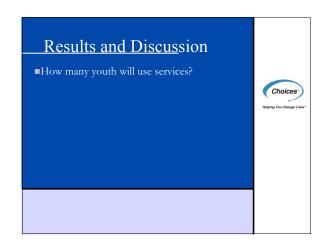


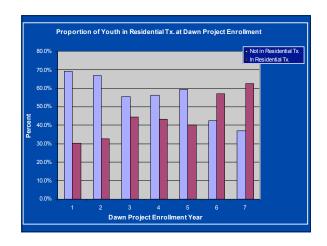
19th Annual RTC Conference Presented in Tampa, February 2006

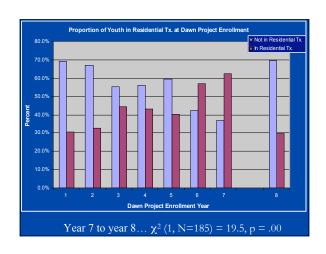


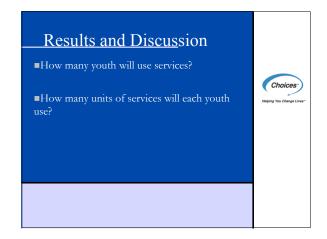


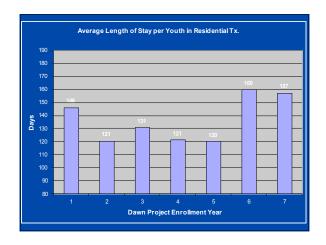
Method All juvenile justice and child welfare youth referrals between May 1, 1997 and April 30, 2005 were examined (N=667) Data were obtained from The Clinical Manager (TCM) Analyzed using SPSS Statistical significance relies on an alpha level of .05

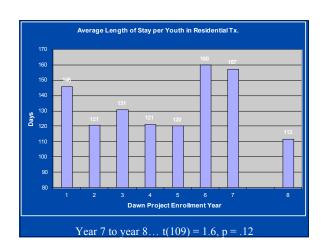


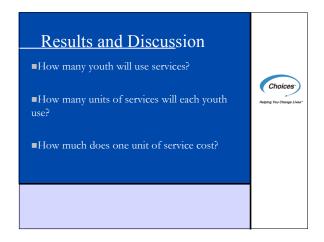




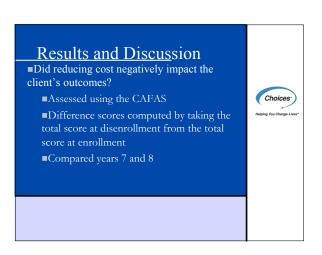








Results and Discussion ANOVA revealed average per day rate for residential treatment did not vary by year of service cost F(7, 558) = 1.3, p = .24 Average per day rate was \$239 (SD=52.5)



- Results and Discussion

 Did reducing cost negatively impact the client's outcomes?
 - ■Year 7 difference score was 44.2 (SD=49.7)
 - t(56) = 6.7, p = .00
 - ■Year 8 difference score was 24.2 (SD=64.3)
 - t(23) = 1.8, p = .08
 - ■Year 7 to year 8
 - t(79) = 1.5, p = .13



Conclusions

■Methods used by managed care organization to manage costs and risk could be employed successfully at the Dawn Project



■Risk management methods did not adversely impact youth outcomes

Conclusions

■Suggests that risk management methods used by managed care organizations can successfully be used in a system of care environment



■Risk management methods decrease costs and help manage the inherent risk when using a case

