

Lucas County TASC, Inc.

Outcome Analysis

Research and Report Completed on 8/13/02 by
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Research Questions

Funded by Lucas County TASC, Inc.

- What are the characteristics of adult clients served through the Toledo/Lucas County TASC program?
- Does successful completion of the Toledo/Lucas County TASC program have an effect on recidivism in the year following discharge?
- What factors are associated with successful completion of the Toledo/Lucas County TASC program?



Research Methods

- Random sample of 300 discharged adult TASC clients
- Post Discharged Arrests checked using booking and arrest records (out of county arrests not captured.)
- SPSS 10.1, procedures employed included frequency distribution, descriptive statistics, cross tabulation and logistical regression.



Lucas County TASC Services

- Assessment
- Referral and Information
- Case Management



Sample Description

- 75% Male, 50% White, 41% African American
- 57% Single, 28% Divorced, 13% Married
- 33% Age 30/39, 26% Age 21/29, 22% Age 40/49
- 58% completed HS/GED
- 39% Not working 1 month prior to admission
- \$652.94 Average monthly income

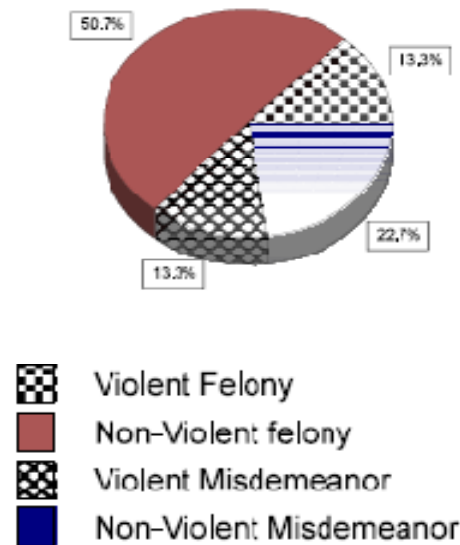


Sample Description Continued

- 42% Alcohol, 25% Cannabis, 22% Cocaine/Crack (major problem at intake)
- 53% Previous Substance abuse treatment
- 27% History of Mental Health Outpatient
- 12% Previous Psychiatric hospitalization

Criminal History

Figure12: Most Serious Charge at TASC Intake



Ave. # of prior offenses for sample - 12

TASC and Treatment Completion Status

Table 29: TASC Discharge Status

	<u>Number</u>	<u>Percent</u>
<u>TASC Discharge</u>		
Successful	117	39.0%
Unsuccessful	167	55.7%
Neutral	16	5.3%
	300	100 %

Table 30: Substance Abuse Treatment Completion

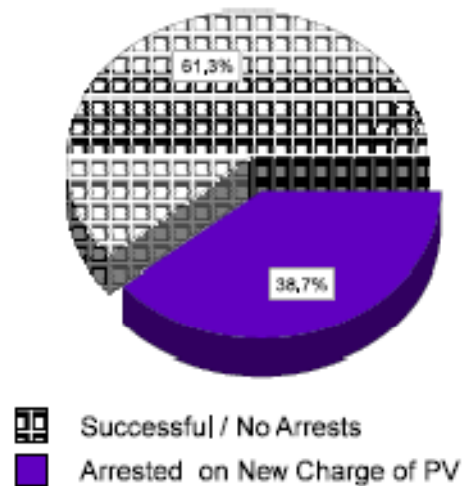
<u>Completed Substance Abuse Treatment</u>		
Yes	95	31.7%
No	205	68.3%
	300	100 %

Table 30: Completed Alcohol and Other Drug (AOD) Education Program

<u>Completed AOD Education</u>		
Yes	31	10.3%
No	269	87.7%
	300	100 %

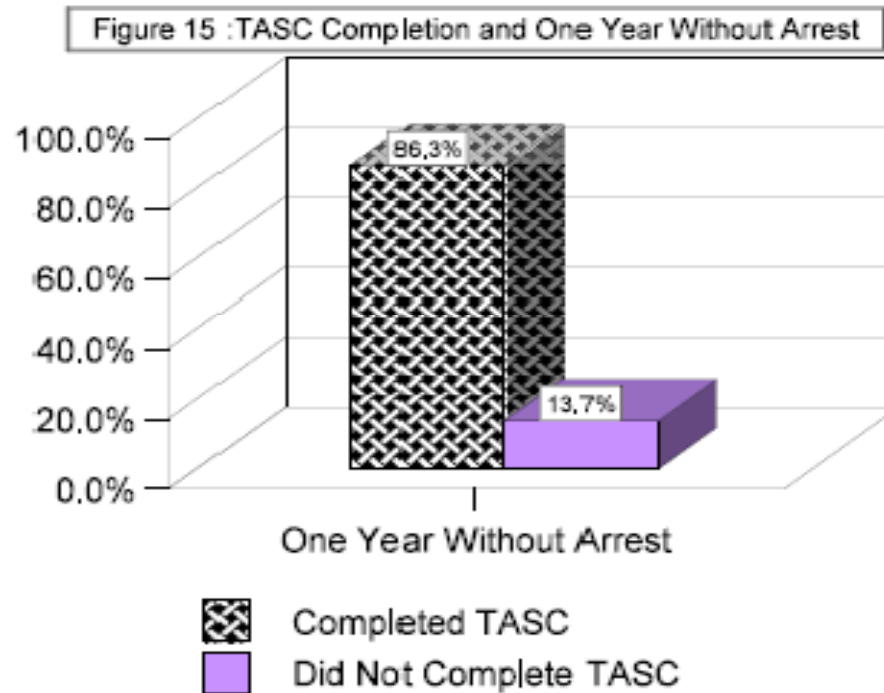
One Year Outcomes

Figure 14: One Year Outcomes



Ave. length of time sustained in community without re-arrest – 274 days.

TASC Completion and One Year Recidivism



TASC completion was a more powerful predictor of one year community success than completion of substance abuse treatment.



Effect of Socio-Economic and Criminal History on One Year Recidivism

- As **age** increases – recidivism decrease
- As **arrest history** increases – recidivism increases
- As **income** increases – recidivism decrease
- Whites had a lower likelihood of recidivism than non-whites (**race**)

4 variables combined explained 10 to 13% of the variance



Effect of TASC Completion on One Year Recidivism


- Model controlled for income, criminal history, years of alcohol use to intoxication, age and race. Findings;
- Successful TASC clients were less likely to be rearrested than those who did not successfully complete.
- As age increase, recidivism decreases
- As arrest history increases, recidivism increases
- Whites have a lower recidivism likelihood than non-whites.

4 variables explained 22.7% to 30.8% of the variance. TASC completion was the most powerful predictor of success (16.7% - 22.7%)



Factors Associated with TASC Success

- **Educational Level** - the higher the educational level, the more likely to complete TASC
- **Employment History** — The more days worked in the month prior to admission, the greater the probability of success
- **Marital Status** — Married clients had a higher probability for success



Summary of Findings

- Eighty six percent of successful clients sustained in the community at least one year without re-arrest.
- Data shows that successful completion is not influenced by sex, race, gender, current charge, criminal history, substance used or severity of use.
- Employment, Education and Marital Status influenced success.
- The longer a client participates, the more likely they will complete TASC.
- Clients receiving more intensive services were more likely to complete TASC.



Recommendations

- Increase provision of Intensive case management
- Increase time in TASC
- Promote positive interpersonal skills
- Emphasis educational advancement



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www.lucastasc.org