A PROFILE OF CHARACTERISTICS DISTINGUISHING BETWEEN PROGRAM COMPLETERS AND PROGRAM NON-COMPLETERS DRUG CONTRACT HOUSES

1977 AND .1978 RELEASES

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ABSTRACT

This report examines the characteristics that distinguish between program completers and program non-completers for residents released from the drug contract houses during 1977 and 1978.

For the combined sample for 1977 and 1978, there were seven variables that produced statistically significant differences. In rank order of their significance, the variables were:

- 1) Age at First Arrest
- 2) Number of Prior Juvenile Incarcerations
- 3) Institution Received From
- 4) Number of Successful Furlough Outcomes
- 5) Number of Prior Charges for Property Offenses
- 6) Number of Furloughs
- 7) Marital Status

TABLE OF CONTENTS

	PAGE NUMBER		
I. Introduction]	<u>-</u>	
II. Data Collection	1 , 3	3	
III. Methodology	4		
IV. Findings	. 5	5	
V. Appendix I - Variables Found to Distinguish Between Program Completers and Program Non-Completers	8	}	
VI. Appendix II - Variables Found Not To Distinguish Between Program Completers and Program Non- Completers	11		
VII. Summary	21	L	
VIII. References	. 22	2	

INTRODUCTION

In June of 1972, the Massachusetts State Legislature passed the "Correctional Reform Act" authorizing the establishment of different correctional programs that were to be outside of the walled institutions. In June of 1977, the Massachusetts Department of Correction began sending individuals to drug contract houses. These programs were established to positively impact the drug-dependent individuals in the system.

This report is the second component of a three-part evaluation of residents released from drug contract houses during 1977 and 1978. Included in this report is an analysis of the sample in terms of the basic statistical differences between individuals who were program completers and those who were program non-completers. These series of reports represent the first evaluation of the drug contract houses since the Department of Correction started sending individuals to the programs.

During 1977, there were 33 residents released from drug contract houses and in 1978, there were 55 individuals released. For comparative purposes, the total sample for each year was divided into two groups - program completers and program non-completers. A program completer was defined as any resident who successfully completed his stay at a drug house and was released to the street either by permit of the Parole Board or by a certificate of discharge. Also, individuals who received a lateral transfer to a similar security institution are included as program completers. A program non-completer was defined

TABLE I

REASON FOR RETURN TO SENDING INSTITUTIONS FROM DRUG CONTRACT HOUSES; PRE-RELEASE POPULATION

1977 RELEASES

							•	PROJECT			
		HOSPITALITY	DARC	MERIDIAN	CAC	THIRD NAIL	TRIO HOUSE	TURNABOUT	BEDFORD VA	BOSTON VA	TOTAL
**************************************		<u>N</u> §	N &	<u>N</u> 8	N &	<u>N</u> <u>*</u>	<u>N</u> &	N 8	N 8	N 8	N 3
New Charges		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (50)	0 (0)	0 (0)	0 (0)	1 (5)
Violation o	f House Rules	3 (60)	0 (0)	1 (25)	0 (0)	0 (0)	1 (50)	1 (50)	0 (0)	1 (100)	7 (39)
Escape		2 (40)	1 (100)	3 (75)	1 (100)	1 (100)	0 (0)	1 (50)	1 (100)	0 (0)	10 (56)
TOTAL		5 (100)	1 (100)	4 (100)	1 (100)	1 (100)	2 (100)	2 (100)	1 (100)	1 (100)	18 (100)

TABLE IF

REASON FOR RETURN TO SENDING INSTITUTIONS FROM DRUG CONTRACT HOUSES; PRE-RELEASE POPULATION

1978 RELEASES

	SPECTRUM	MERIDIAN	CAC	THIRD NAIL	TRIO HOUSE	PROJECT TURNABOUT	BEDFORD VA	BOSTON VA	TOTAL
	<u>N</u> *	<u>N</u> . <u>%</u>	<u>N</u> §	<u>N</u> 8	N 8	<u>N</u> <u>*</u>	<u>N</u> *	<u>N</u>	<u>N</u> 8
New Charges	0 (0)	0 (0)	0(0)	0 (0)	0 (0)	. 0 (, 0)	0 (0)	1 (50)	1 (3)
Violation of House Rules	0 (0)	2 (29)	2 (50)	1 (33)	2 (100)	1 (20)	0 (0)	0 (0)	8 (29)
Escape	3 (100)	5 (71)	2 (50)	2 (67)	0 (0)	4 (80)	2 (100)	1 (50)	19 (68)
TOTAL	3 (100)	7 (100)	4 (100)	3 (100)	2 (100)	5 (100)	2 (100)	2 (100)	28 (100)

as any resident who did not complete his stay in the drug houses but was instead returned to his sending institution or an institution of higher security.

Of the 1977 releasee sample, 15 of the 33 residents or 45% were successful program completers. The remaining 18, or 55% were returned to their sending institutions as program non-completers. For the 1978 sample, 27 of the 55 releasees, or 49%, were successful completers. The remaining 28, or 51% were returned as non-completers. There were several reasons given for individuals being returned as program non-completers. Some examples are as follows: violation of house or department rules, an inability to adjust to the program, an attempted or an actual escape, or being a major disciplinary problem while at the facility. The specific reasons for a return to a higher security institution for both the 1977 and 1978 non-completion sub-samples are summarized in Tables I and II.

DATA COLLECTION

Data collection consisted of criminal history variables, social background variables, and commitment variables. The material was collected from the Massachusetts Department of Correction central office files and from the computerized data base developed by the Correction and Parole Management Information System (CAPMIS) and was produced on the Massachusetts State College Computer Network (MSCCN).

METHODOLOGY

In order to determine the possible existence of characteristics distinguishing between program completers and program non-completers a multivariate analysis using commitment, personal background, and criminal history variables on each individual was carried out. The split yielding the highest chi-square value was chosen. Variables that yielded a statistically significant relationship at the .05 probability level ($\mathbf{X}^2 = 3.84$, ldf) were selected as indicators of differences between the samples for each year.

FINDINGS

A comparison of variables between program completers and noncompleters for individuals released from drug programs in 1977 and
1978 yielded seven variables that were statistically significant.

In rank order of their significance, the variables were: Age at
First Arrest, Number of Prior Juvenile Incarcerations, Institution
Received From, Number of Successful Furlough Outcomes, Number of
Prior Charges for Property Offenses, Number of Furloughs, and
Marital Status. A brief discussion of each variable follows.

Age at First Arrest

When this variable is examined, it is discovered that more than half of the non-completion sample (76%) was sixteen or younger when first arrested. For the completion sample, 50% were seventeen or older when first arrested.

2) Number of Prior Juvenile Incarcerations

Looking at this variable, 81% of the program completers had not had any prior juvenile incarcerations compared to a percentage of 57% for the non-completers. Of the non-completers, 43% had one or more prior juvenile incarcerations.

3) Institution Received From

Of the non-completion sample, 30% were transferred from Walpole to a drug program. Only 10% of the successful completers came directly from Walpole. Likewise, 90% of the successful completers were transferred from an institution other than Walpole compared with 70% for the unsuccessful

completers.

4) Number of Successful Furlough Outcomes (excluding Never Furloughed)

Of the individuals who received furloughs and were successful completers, 93% had two or more successful furlough outcomes whereas only 55% of the unsuccessful completers had that many successful furlough outcomes. Forty-five percent of the unsuccessful completers who had furloughs had only one successful furlough outcome.

5) Number of Prior Charges for Property Offenses

For this particular variable, 52% of the successful completers had five or fewer prior charges for property offenses. In the unsuccessful completer sample, 72% had six or more prior charges for property offenses.

6) Number of Furloughs

After examining this variable, the results indicate that 87% of the unsuccessful completers had either one furlough or none at all compared with a percentage of 67 for the successful completers. Thirty-three percent of the program completers had two or more furloughs contrasted with 13% for the non-completers.

7) Marital Status

Ninety-one percent of the unsuccessful completers were not married compared to 74% for the successful completers. Twenty-six percent of the completers were married compared to only 9% for the non-completers. This difference is significant.

A profile can be constructed of the typical drug program completers as compared to the non-completer for the 1977 and 1978 releasee population sample. A successful completer was an individual who was first arrested as an adult (older than sixteen), did not have any prior juvenile incarcerations, had five or fewer prior property offenses, was married, had two or more furloughs and two or more successful furlough outcomes, and was transferred to one of the drug programs from a non-maximum security institution.

A summary of these relationships is presented in Appendix I. The remaining variables that did not produce significant results for the sample are documented in Appendix II.

APPENDIX I

		COMPLETION RATE	COMPLETIONS	NON-COMPLETIONS		
1.	Age at First Arrest		<u>N</u> <u>8</u>	N 8		
.:	16 or Younger 17 or Older	388 668	21 <u>-(50)</u> 21 (50)	35 _ (76). 11 _ (24).		
	TOTAL	48%	42 (100)	46 (100)		
	$(x^2=6.46, kdf, p02)$					
• <i>•</i>		COMPLETION RATE	COMPLETIONS	NON-COMPLETIONS		
2.	Number of Prior Juvenile Incard	cerations	<u></u>	<u></u>		
	None One or More	5.7% 29%	34 <u>(81)</u> 8 <u>(19)</u>	26(5.7) 20(43)		
	TOTAL	48%	42 (100)	46 (100)		
	$(x^2=6.04, 1df, p02)$					
	turkitukian Danainad Moom	COMPLETION RATE	COMPLETIONS	NON-COMPLETIONS		
3.	Institution Received From		<u>N</u>	, <u>N</u> &		
	Walpole Non-Walpole Institution	22% 54%	4 (10) 38 (90)	14 (30) 32 (70)		
	TOTAL	48%	42 (100)	46 (100)		
	$(x^2=5.90, 1df, p.02)$					

9+

		COMPL	ETION RATE		COMPLE	TIONS		<u>IPLETIONS</u>
4.	Number of Successful Furlough (Outcomes	(excluding	Nev	N er Fur	$\frac{1}{1}$	<u>N</u>	<u>0</u> 0 <u> </u>
	One Two or More		17% 70%		1	(7) (93)	5 6	(45) (55)
	TOTAL		48%		15	(100)	11	(100)
	$(x^2=5.38, 1df, p.05)$		•	•		•		
5.	Number of Prior Charges for Pro		ETION RATE	•	OMPLE N	ETIONS 8	NON-COM <u>N</u>	IPLETIONS
	Five or Less Six or More		63% 38%		22 20	(52) (48)	13 33	(28) (72)
	TOTAL		48%		42	(100)	46	(100)
	$(x^2=5.33, 1df, p.05)$			•			!	
6.	Number of Furloughs	COMPL	ETION RATE	<u> </u>	COMPLI <u>N</u>	ETIONS	NON-COM	PLETIONS
	None or One Two or More		41% 70%		28 14	(67) (33)	40 6	(87) (13)
	TOTAL (x ² =5.15, ldf, p .05)		48%		42	(100)	46	(100)

			COMPLETION 1	RATE	COMPLE	TIONS	NON-CO	MPLETIONS
7.	Marital Status			·	N	<u>0</u>	N	8
	Married Not Married		73% 42%		11 31	. (26) (74)	4 4 2	(9) (91)
	TOTAL		48%		42	(100)	46	(100)
1	$(x^2=4.75, 1df, p)$.05)						

APPENDIX II

APPENDIX II

Variables which did not distinguish between program non-completers and program completers - 1977 and 1978 releases.

1) Original Commitment Institution

Τ)	Original Commitment Institut	1011			<u>.</u>
		COMP N	LETIONS <u></u> 8	NON-C N	OMPLETIONS
	Walpole	21	(50)	22	(48)
	Other	21	(50)	24	(52)
·	TOTAL	42	(100)	46	(100)
	$(x^2 = .04, ldf, p > .05)$				
2)	Race	•			
		$\frac{\text{COMP}}{\underline{N}}$	LETIONS	NON-C	OMPLETIONS
	White	32	(76)	36	(78)
•	Other	10	(24)	10	(22)
	TOTAL	42	(100)	46	(100)
	$(x^2=.05, 1df, p > .05)$				
3)	Military				
•		COMP N	LETIONS	$\frac{NON-C}{N}$	OMPLETIONS
	Honorable Discharge	8	(19)	4	(9)
	Other	34	(81)	42	(91)
	TOTAL	42	(100	46	(100)
	$(x^2=1.99, 1df, p > .05)$				

4)	Address				
٠.		COMPLETIC N	ONS	$\frac{\text{NON-CC}}{\underline{N}}$	MPLETIONS 8
	Other Massachusetts	15 (36)	13	(-28)
	Other Address	27 (64)	33	(72)
	TOTAL	42 (10	00)	46	(100)
	$(x^2=.56, ldf, p > .05)$				
5)	Age at Release		· · · · · ·		
		COMPLETION N	ONS %	NON-CO	MPLETIONS &
. 1	29 or Younger	25 (60)	35	(76)
	30 or Older	17 (40)	11.	(24)
	TOTAL	42 (1	00)	46	(100)
•	$(x^2=2.78, ldf, p > .05)$			100 miles	· ·
6)	Age at Incarceration				
		COMPLETI N	ONS %	$\frac{NON-CO}{N}$	OMPLETIONS
	24 or Younger	18 (43)	27	(59)
	25 or Older	24 (57)	19	(41)
	TOTAL	42 (1	.00)	46	(100)

 $(x^2=2.20, ldf, p > .05)$

			*		
7)	Present Offense				
		COMPI	LETIONS	NON-C	OMPLETIONS
		<u>N</u>	glo	N	<u>%</u>
	Person	28	(67)	34	(74)
	Non-Person	14	(33)	12	(26)
	TOTAL	42	(100)	46	(100)
	$(x^2=.43, ldf, p>.05)$				
8)	Drug Offenses			•	
		COMP)	LETIONS	<u>NON-C</u>	COMPLETIONS
٠ ,	Not Applicable	35	(83)	43	(93)
	Other	7	(17)	3	(7)
٠	TOTAL	42	(100)	46	(100)
•	$(x^2=2.24, ldf, p > .05)$				
9)	Person Offenses (Not Applica	ables E	xcluded)		
		COMP:	LETIONS	NON-C	COMPLETIONS §
	Manslaughter	4	(14)	ı	(3)
•	Other	24	(86)	33	(97)
	TOTAL	28	(100)	34	(100)
	$(x^2=2.67, 1df, p 7.05)$				
10)	Property Offenses (Not appl.	icables	Excluded)	•	
		$\frac{\texttt{COMP}}{\texttt{N}}$	LETIONS	$\frac{\overline{N}}{NON-}$	COMPLETIONS
	Burglary	5	(83)	5	(56)
:	Other	1	(17)	4	(44)
	TOTAL	6	(100)	9	(100)

 $(x^2=1.25, 1df, p > .05)$

Minimum Sentence in Years 11)

	COMPI	COMPLETIONS 8		COMPLETIONS
	. <u>N</u>	<u> </u>	N	00
Less Than 1 Year	21	(50)	22	(48)
Other	21	(50)	24	(52)
TOTAL	42	(100)	46	(100)
$(x^2=.04, ldf, p > .05)$				

Maximum Sentence in Years 12)

•	COMPLETIONS			NON-C	COMPLETIO	IONS
	N	%		N	0 0	
8 Years or Less	21	(50)	٠.	19	(41)	
9 Years or More	21	(50)		27	(59)	
TOTAL	42	(100)		46	(100)	
$(x^2 = 67. 1df. p. > .05)$					·	

Total Number of Late Under Furlough Outcomes (excluding Never Furloughed) 13)

		COMPLETIONS			NON-C	OMPLETIC	NS
•		N	olo		N	00 -	
None		13	(93)		11	(100)	
One or More		1	(7)		0	(0)	
TOTAL		14	(100)		11	(100)	
$(x^2 = .82, 1d)$	f, p >.05)	 ·					

Occupation 14)

		COME	PLETIONS	NON-	COMPLETIONS
		N	96	N	<u>%</u>
Services		6	(14)	11	(24)
Other		36	(86)	35	(76)
TOTAL		42	(100)	46	(100)
$(x^2=1.31, 1df. p).$	05)				

		· ·	
15)	Longest Period of Time at Any	One Job	
		COMPLETIONS §	$\frac{\texttt{NON-COMPLETIONS}}{\frac{\texttt{N}}{2}}$
	4 Months or Less	5 (12)	13 (28)
	5 Months or More	37 (88)	33 (72)
	TOTAL	42 (100)	46 (100)
	$(x^2=3.61, ldf, p > .05)$		
16)	Time at Most Skilled Position	<u>.</u> 1	
		COMPLETIONS N &	NON-COMPLETIONS N %
	4 Months or Less	7 (17)	15 (33)
	5 Months or More	35 (83)	31 (67)
	TOTAL	42 (100)	46 (100)
	$(x^2=2.98, ldf, p > .05)$		
17)	Last Grade Completed		
		COMPLETIONS	NON-COMPLETIONS
		<u>N</u> <u>%</u>	<u>N</u> <u>%</u>
	9th Grade or Less	15 (36)	26 (57)
	10th Grade or More	27 (64)	20 (43)
	TOTAL	42 (100)	46 (100)
•	$(x^2=3.82, 1df, p > .05)$		
18)	Known Drug Use		
		COMPLETIONS &	NON-COMPLETIONS &
· ·	None	14 (33)	14 (30)
	Some	28 (67)	32 (70)
	TOTAL	42 (100)	46 (100)
	$(x^2 = .86, 1df, p).05)$		
		· ·	

19) Total Number of Prior Court Appearances

	COMPLETIONS		NON-COMPLETIONS
	N	8	<u>N</u> <u>%</u>
ll or Less	20	(48)	14 (30)
12 or More	22	(52)	32 (70)
TOTAL	42	(100)	46 (100)
$(x^2=2.73, ldf. p > .05)$			

Total Number of Prior Charges for Person Offenses 20)

	COMP	COMPLETIONS		NON-COMPLETION		
	N	<u>8</u>	N	<u>0</u> 6		
Three or Less	30	(71)	24	(52)		
Four or More	12	(29)	22	(48)		
TOTAL	42	(100)	46	(100)	-	
$(x^2=3.43, 1df, p > .05)$).					

21) Total Number of Prior Charges for Sex Offenses

	COMPI	COMPLETIONS		NON-COMPLETIONS		
	N	96	N	Olo		
None	38	(90)	43	(93)		
One or More	4	(10)	3	(7)		
TOTAL	42	(100)	46	(100)		
$(x^2=.27, 1df, p > .05)$		•				

Total Number of Prior Charges for Narcotics Offenses 22)

		COMPLETIONS		NON-COMPLETI	TIONS
		N	8	<u>N</u> %	
Three or Less		32	(76)	31 (67)	
Four or More		10	(24)	15 (33)	
TOTAL		42	(100)	46 (100)	
$(x^2 = 84) 1df p$	05)	-			

23) Total Number of Prior Charges for Drunkenness Offenses

	COMPLETIONS N %		NON-COMPLETIONS	
		<u>-</u>	==	<u> </u>
None	24	(57)	22	(48)
One or More	18	(43)	24	(52)
TOTAL	42	(100)	46	(100)
$(x^2=.76, ldf, p>.05)$	٠			

24) Total Number of Prior Charges for Escape Offenses

`	COMPLETIONS			NON-COMPLETIONS		
	N	00	N	o,o		
None	39	(93)	38	(83)		
One or More	3	(. 7)	8	(17)	·.	
TOTAL	42	(100)	46	(100)		
$(x^2=2.11, ldf, p).05$						

25) Prior County Incarcerations

	COMPI	LETIONS	NON-COMPLETION		
	N	00 —	N	90	
None	23	(55)	19	(41)	
One or More	19	(45)	2,7	(59)	
TOTAL	42	(100)	46	(100)	
$(x^2=1.59, 1df, p > .05)$					

26) Prior State or Federal Incarcerations

\mathbf{v}_{i}		COMPLETIONS			NON-COMPLETIONS		
•		 N	0/0		N	010	
None		31	(74)		26	(57)	
One or More		11	(26)		20	(43)	
TOTAL		42.	(100)		46	(100)	
$(x^2=2.88.1df.$	n > .05)						

27) Number of Juvenile Paroles

	COMPLETIONS		NON-COMPLETIONS		
·	· <u>N</u>	oto	\overline{N}	00	
None	36	(86)	34	(74)	
One or More	6	(14)	12	(26)	
TOTAL (X ² =1.88, ldf, p > .05)	42	(100)	46	(100)	
· · · · · · · · · · · · · · · · · · ·					

28) Number of Juvenile Parole Violations

	COMPLETIONS	NON-COMPLETIONS		
•	<u>N</u> %	<u>N</u>		
Never Paroled	36 (86)	32 (70)		
One or More Parole	6 (14)	14 (30)		
TOTAL	42 (100)	46 (100)		
$(x^2=3.26, 1df, p > .05)$				

29) Number of Adult Paroles

	CON		LETIONS	NON-COMPLETIONS		
		N	8	N	90	
One or Less		39	(93)	41	(89)	
Two or More		3	(7)	5	(11)	
TOTAL		42	(100)	46	(100)	
$(x^2 = .37, 1df, p. > .05)$						

30) Number of Adult Parole Violations

·	COMPLETIONS		NON-COMPLETIONS		
·	N	0,0	N	00	
Never Paroled	28	(67)	30	(65)	
One or More Parole Violations	14	(33)	16	(35)	
TOTAL	42	(100)	46	(100)	
$(x^2 = .02, 1df, p > .05)$		•	٠.		

Age at First Drug Arrest (Not applicables excluded) 31)

	COMPLETIONS N %	NON-COMPLETIONS
	<u> </u>	<u></u>
17 or Younger	9 (50)	14 (58)
18 or Older	9 (50)	10 (42)
TOTAL	18 (100)	24 (100)
$(x^2 = .29, 1df, p > .05)$		

Time Served Before Pre-Release Placement 32)

			COMPLETIONS		NON-COMPLETIONS		
			N	0 6	N	8	
12 Months	or Less	٠.	18	(43)	12	(26)	
13 Months	or More		24	(57)	34	(74)	
TOTAL			42	(100)	46	(100)	
2	ldf, p > .05)		-	(2007)			

SUMMARY

From this report, it is possible to identify characteristics of individuals who have a high, moderate, and low probability of success in the drug contract houses. The characteristics of the individuals with a high probability of success are as follows: first arrested as an adult with no prior juvenile incarcerations, had five or fewer prior property offenses, was married, had two or more furloughs and successful furlough outcomes, and was transferred from a medium or minimum security facility. The characteristics that identify the individuals with a moderate probability of success are: age 30 or older at release date and age 25 or older at incarceration, spent five months or more at their longest job and at their most skilled position, last grade completed was tenth grade or more, had eleven or fewer prior court appearances and three or fewer person offenses, had not received any prior state or federal incarcerations, were never paroled from juvenile facilities, and served a year or less before being placed in a pre-release facility. Those individuals who do not meet either requirements are individuals with a low probability of success in a drug contract house.

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