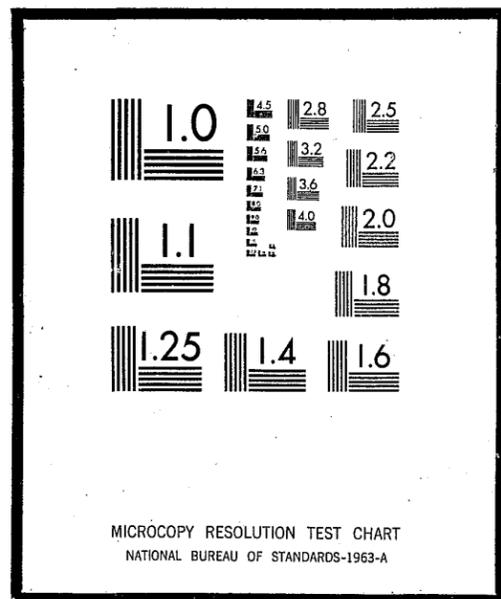


# NCJRS

This microfiche was produced from documents received for inclusion in the NCJRS data base. Since NCJRS cannot exercise control over the physical condition of the documents submitted, the individual frame quality will vary. The resolution chart on this frame may be used to evaluate the document quality.



Microfilming procedures used to create this fiche comply with the standards set forth in 41CFR 101-11.504

Points of view or opinions stated in this document are those of the author(s) and do not represent the official position or policies of the U.S. Department of Justice.

U.S. DEPARTMENT OF JUSTICE  
LAW ENFORCEMENT ASSISTANCE ADMINISTRATION  
NATIONAL CRIMINAL JUSTICE REFERENCE SERVICE  
WASHINGTON, D.C. 20531

Date filmed

8/28/75

014272

## FACTORS RELATING TO PAROLE CONSIDERATION



DIVISION OF RESEARCH  
TEXAS DEPARTMENT OF CORRECTIONS  
HUNTSVILLE, TEXAS

RESEARCH REPORT NO. 12

MAY 1972

TEXAS BOARD OF CORRECTIONS

H. H. COFFIELD  
Chairman  
Rockdale, Texas

JAMES M. WINDHAM  
Vice-Chairman  
Livingston, Texas

WALTER M. MISCHER  
Secretary  
Houston, Texas

LESTER BOYD  
Member  
Vernon, Texas

DAVID D. ALLEN  
Member  
Houston, Texas

W. ERVIN JAMES  
Member  
Houston, Texas

FRED W. SHIELD  
Member  
San Antonio, Texas

L. H. TRUE  
Member  
Wimberly, Texas

T. LOUIS AUSTIN, JR.  
Member  
Dallas, Texas

ADMINISTRATION

GEORGE J. BETO, Ph.D.  
Director

W. J. ESTELLE, JR.  
Assistant Director

SAMMIE D. BRADLEY  
Assistant for Industry

BYRON W. FRIERSON  
Assistant for Agriculture

ALTON L. AKINS  
Assistant for Construction

W. DEE KUTACH  
Assistant for Treatment

JACK D. KYLE  
Assistant for Business

FACTORS RELATING TO PAROLE CONSIDERATION

May 1972

DIVISION OF RESEARCH STAFF

James E. Mabry, Director  
Joe E. Reed, Assistant Director  
Gerry McPherson, Planning and  
Field Services Director  
Rodger Kloppe, Special Projects Director  
Steve Pipkin, Research Associate  
Calvin McAdams, Technical Writer  
Johanna Kollert, Research Assistant  
Woods Swinburn, Research Assistant  
Tom Brooks, Programmer-Analyst  
Ralph Bryan, Operations Programmer  
Richard Kleinhans, Research Intern  
Judy Meade, Research Intern  
Bill Stone, Research Intern  
Jo Ann Bryant, Secretary  
Lynn Dorn, Secretary

TEXAS DEPARTMENT OF CORRECTIONS

P. O. BOX 99

HUNTSVILLE, TEXAS 77340

## ACKNOWLEDGMENTS

A number of persons have contributed to the production of this document. Special recognition should be given to Miss Judy Meade of the Division of Research who spent numerous hours collecting data. Thanks should be given to Mr. Ralph Bryan and Mr. Tommy Brooks of the Division of Research, programming staff. The authors are indebted to Mr. Henry Small, Director of the Records Office, and his staff for their cooperation during the information gathering phase of this study. Valuable assistance was also provided by Mr. Paul Mitchell, Manager of the Data Processing Department, and his staff for data processing support.

Finally the authors would like to express their indebtedness to Mrs. Lynn Dorn and Mrs. Jo Ann Bryant for their devotion to detail and accuracy in preparing this document.

Financial assistance was made available by the Texas Criminal Justice Council under Grant No. 1-F3-871. The fact that the Criminal Justice Council furnished financial support to this study does not necessarily indicate the concurrence of the Criminal Justice Council with the statements or results contained herein.

## CONTENTS

	<u>Page</u>
Acknowledgments .....	i
List of Tables .....	v
List of Figures .....	viii
Introduction .....	1
Results .....	4
Variables Relating to Parole Decisions .....	6
Age .....	6
Ethnic Groups .....	6
Number of Jail Confinements .....	6
Number of Reformatory Confinements .....	6
Number of TDC Confinements .....	7
Number of Confinements in Other Prisons .....	7
Previous TDC Parole Violations .....	7
Length of Maximum Sentence .....	7
Number of Offenses .....	8
Present Segregative Class .....	8
Number of Times in Solitary Confinement .....	8
Warden's Recommendations .....	8
Negative Point Incentive Program Points .....	9
Point Incentive Program Index Score .....	9
Social Adjustment .....	9

CONTENTS (Continued)

	<u>Page</u>
Procedures .....	36
Phase I - Operational Definitions .....	36
Phase II - Sample Selection .....	37
Phase III - Selection of Information to be Used .....	38
Phase IV - Frequency Distribution .....	38
Phase V - Mathematical Relationships .....	39
Phase VI - Factor Analysis .....	39
Phase VII - Correlation Coefficient .....	40
Phase VIII - Multiple Linear Regression .....	40
Appendix A .....	42
Fred Output for Discrete Variables .....	43
Fred Output for Continuous Variables .....	45
Appendix B .....	50
Factor Analysis Variables .....	51
Appendix C .....	54
Appendix D .....	84
Factor Analysis .....	85
Put Off Versus Serve All .....	85
Put Off Versus Favorable .....	86
Favorable Versus Serve All .....	87

CONTENTS (Concluded)

	<u>Page</u>
Appendix E .....	88
Correlation to Decisions .....	89
Serve All Versus Put Off .....	89
Serve All Versus Favorable .....	90
Put Off Versus Favorable .....	91
Appendix F .....	92
Multiple Linear Regression .....	93
Serve All Versus Put Off .....	93
Put Off Versus Favorable .....	94
Serve All Versus Favorable .....	94

LIST OF TABLES

LIST OF TABLES (Continued)

<u>Table</u>	<u>Title</u>	<u>Page</u>
1	Age Group Distribution of Parole Applicants .....	10
2	Ethnic Group Distribution of Parole Applicants .....	11
3	Number of Jail Confinements of Parole Applicants .....	13
4	Number of Reformatory Confinements of Parole Applicants .....	14
5	Number of Previous TDC Confinements of Parole Applicants .....	16
6	Number of Confinements in Other Prisons .....	18
7	Previous Parole Violations from TDC by Parole Applicants .....	20
8	Maximum Sentences of Parole Applicants .....	22
9	Number of Offenses of Parole Applicants .....	23
10	Present Segregative Classification .....	25
11	Number of Times the Parole Applicants Studied Were in Solitary Confinement .....	27
12	Summary of Wardens' Recommendations of Parole Applicants .....	29
13	Point Incentive Program Negative Points of Parole Applicants .....	31
14	Point Incentive Program Index Score of Parole Applicants .....	32
15	Summary of Social Adjustment of Parole Applicants .....	34

APPENDIX C

<u>Table</u>	<u>Title</u>	<u>Page</u>
1-C	P.I.P. Conduct Points .....	55
2-C	P.I.P. Vocational Training Points .....	56
3-C	P.I.P. Group Counseling Points .....	57
4-C	P.I.P. Personal Development Points .....	58
5-C	P.I.P. Work Points .....	59
6-C	P.I.P. Educational Participation Points .....	60
7-C	P.I.P. Special Assignment Points .....	61
8-C	P.I.P. Attitude Points .....	62
9-C	P.I.P. State Approved Trusty Points .....	63
10-C	P.I.P. Recreation Participation Points .....	64
11-C	P.I.P. Alcoholics Anonymous Participation Points .....	65
12-C	P.I.P. Religious Participation Points .....	66
13-C	Commutation-Time Classification .....	67
14-C	Number of Confinements in Detention Homes .....	68
15-C	Present Educational Achievement .....	69
16-C	Present Intelligence Quotient .....	70
17-C	Sex of Parole Applicants .....	71
18-C	Suspended Sentences as an Adult .....	72

LIST OF TABLES (Concluded)

<u>Table</u>	<u>Title</u>	<u>Page</u>
19-C	Probated State Sentences as an Adult .....	73
20-C	Probated State Sentences as a Juvenile .....	74
21-C	Escapes Completed from TDC .....	75
22-C	Escapes Completed from Other Institutions .....	76
23-C	Detainers' .....	77
24-C	Number of Murder Offenses .....	78
25-C	Number of Rape Offenses .....	79
26-C	Number of Robbery Offenses .....	80
27-C	Number of Burglary Offenses .....	81
28-C	Number of Drug Offenses .....	82
29-C	Number of Theft over \$50 Offenses .....	83

LIST OF FIGURES

<u>Figure</u>	<u>Title</u>	<u>Page</u>
1	Ethnic Group Distribution of Parole Applicants .....	12
2	Number of Reformatory Confinements of Parole Applicants .....	15
3	Number of Previous TDC Confinements of Parole Applicants .....	17
4	Number of Confinements in Other Prisons .....	19
5	Previous Parole Violations from TDC by Parole Applicants .....	21
6	Number of Offenses of Parole Applicants .....	24
7	Present Segregative Classification .....	26
8	Number of Times the Parole Applicants Studied Were in Solitary Confinement .....	28
9	Summary of Wardens' Recommendations of Parole Applicants .....	30
10	Point Incentive Program Index Score of Parole Applicants .....	33
11	Summary of Social Adjustment of Parole Applicants .....	35

## FACTORS RELATED TO PAROLE CONSIDERATION

By William E. Stone, Gerry McPherson, and Joe E. Reed

### INTRODUCTION

Felony offenses in the state of Texas are punishable by a wide range of penalties. Sentences for a felony conviction range upward to life imprisonment and, in some cases, fines of various amounts may be imposed additionally. Yet, not all offenders pay fines or serve prison sentences; some are placed on probation and some receive suspended sentences. Even those who are committed to the Texas Department of Corrections (TDC) may not serve their full sentences; some are paroled after serving only a part of their sentence time. Parole is a conditioned and revocable release granted prior to the sentence discharge date, whereby an offender is under continued supervision of the State and may be re-incarcerated for violation of the parole conditions.

The Board of Pardons and Paroles is authorized to release on parole upon approval by the governor any person confined in any penal or correctional institution of this state provided those eligible have accumulated one-third (1/3) of the maximum sentence imposed. Thus those serving

a life sentence are eligible for parole after accumulating 20 years.

Periodically the Parole Board meets and reviews records of eligible inmates who have petitioned for a parole. The Board may make one of three decisions for each petitioner: (1) serve all - which means the Board's decision, after having considered the particular inmate, is that the inmate should serve all of his sentence (which, with accumulated time, may be fewer calendar days than the actual number of days of his sentence), (2) put off - which means that in the judgment of the Parole Board the inmate is not yet ready to be conditionally released, but may be re-evaluated at a later date and considered for parole, and (3) favorable - which means the Parole Board considers the inmate to be ready for a conditional release, which they grant, with stipulations as to his behavior.

The purpose of this study was to investigate the relationships between the information which TDC maintains on inmates eligible for parole and the Parole Board's decisions for parole considerations. This study was conducted with the intent of gaining insight into what types of information is being used and what types is not being used in parole considerations. This study does not attempt to evaluate the Parole Board's actions, but was designed simply

to examine and present information pertaining to TDC's contribution to parole decisions. Thus, this study is limited by the fact that not all the information available to the Parole Board was considered.

This study utilized correlation coefficients, factor analysis, and multiple linear regression programs to determine significant relationships between the information and the Parole Board decisions. Briefly, the procedures for this study were first the selection of a sample group, then the selection of variables and the creation of frequency distributions for these variables. At this stage, variables were selected for the statistical equations mentioned above and the results of the use of these equations answer the question posed by this study.

The results section, containing much of the significant information presented in the study. For more detailed information refer to the procedures section. Additionally, material considered of lesser importance, but of interest to many, is included in Appendixes A to F.

## RESULTS

For the results of this study, a list of the variables which are statistically significant shall be presented. With each variable will be a short description of the relationship between that variable and the decisions of the Parole Board.

Three facts should be noted at this time. The first is that only variables that have passed at least two of the significance tests shall be presented in the conclusion as related variables. The second fact to be noted is that while the variables are showing a relationship, they may well be related to a third variable, which in turn is affecting the Parole Board's decision. For example, the variable race shows a relationship with the Parole Board's decisions. In reality, the Parole Board may not be considering race at all, but a variable that is closely related to race, such as family history. The third fact to be considered is that most of the correlations, while significant, are low and that the coefficient of determination is too small to be used for practical prediction. These factors indicate that the Parole Board is either considering a great deal of information not available for analysis or that the Board is not consistent in their decisions on inmates.

Another important aspect to consider is that this study utilized a totally empirical viewpoint and in doing so, treated all information as either discrete or continuous variables. The study does not attempt to address other factors or combinations of other factors which, although have an obvious impact upon Parole Board dispositions, cannot be measured. The researcher's dilemma occurs when there are influencing factors which cannot be measured thus cannot

be studied empirically. An ideal example is ethnic group information. For this study ethnic groups are defined as variables and mathematically manipulated to determine their relationships to other variables. While this is a sound, logical approach statistically, one must be aware that the variable ethnic group contains many subcomponents which are not all measurable. The fact that a parole candidate is a Negro may prove to be mathematically significant, yet, the Parole Board may be considering other ramifications related to the fact that a person is Negro. It is quite conceivable that a Negro with a poor social-economic background, with minimum education, no vocational experience, and other negative qualities has difficulty obtaining parole. Yet the point to be made is that it is these characteristics that present the problem and not the simple fact that the inmate is Negro. Because this same logic applies to other variables in this study, the reader should interpret the findings with caution.

## VARIABLES RELATING TO PAROLE DECISIONS

### Age

This variable relationship is with the decision between put off or serve all. In general, the older an inmate is the more probable it is that he will get a serve all (Table 1).

### Ethnic Groups

This variable was handled simply as white or non-white. Its relationship is with the decision of favorable versus either put off or serve all. There is a greater probability of a white inmate receiving a favorable decision than there is of a nonwhite receiving one. In Table 2 and Figure 1 the Negro and Mexican-American groups comprise the nonwhite population.

### Number of Jail Confinements

This variable's relationship is with the decision between favorable and either put off or serve all. The greater the number of jail confinements, the higher the probability of getting a put off or serve all (Table 3).

### Number of Reformatory Confinements

This variable's relationship is with the decision between favorable and either put off or serve all. The greater

the number of reformatory confinements, the higher the probability of getting a put off or serve all (Table 4 and Figure 2).

#### Number of TDC Confinements

This variable's relationship is with the decision between favorable and either put off or serve all. The greater the number of confinements in TDC, the higher is the probability of receiving a put off or serve all (Table 5 and Figure 3). This is one of the highest relationships found in the study.

#### Number of Confinements in Other Prisons

This variable's relationship is with the decision between favorable and put off. The greater the number of confinements in other prisons, the higher the probability is of getting a put off (Table 6 and Figure 4).

#### Previous TDC Parole Violations

This variable's relationship is with the decision between favorable and serve all. A previous TDC parole violation increases the probability of receiving a serve all (Table 7 and Figure 5).

#### Length of Maximum Sentence

This variable's relationship is with the decision between put off and serve all. The longer the maximum

sentence, the greater the probability is of receiving a put off instead of a serve all (Table 8).

#### Number of Offenses

This variable's relationship is with the decision between put off and serve all. If an inmate is committed for multiple offenses, it raises the probability of receiving a serve all (Table 9 and Figure 6).

#### Present Segregative Class

This variable shows a relationship with the decision between favorable and either put off or serve all. The more security required for an inmate segregative class, the more probable it becomes that the inmate will receive a put off or serve all (Table 10 and Figure 7).

#### Number of Times in Solitary Confinement

This variable's relationship is with the decision between favorable and put off. The greater the number of solitary confinements, the greater is the probability of receiving a put off (Table 11 and Figure 8).

#### Warden's Recommendations

This variable's relationship is with the decision between favorable and either put off or serve all. If the inmate does not receive the warden's recommendation,

the probability of receiving a put off or serve all increases (Table 12 and Figure 9).

#### Negative Point Incentive Program Points

This variable's relationship is with the decision of favorable and put off. If an inmate has any negative Point Incentive Program (P.I.P.) points, the probability of receiving a put off increases (Table 13).

#### Point Incentive Program Index Score

This variable's relationship is with the decision between favorable and put off. The higher the P.I.P. score is, the greater the probability of receiving a favorable action (Table 14 and Figure 10).

#### Social Adjustment

This variable's relationship is with the decision between favorable and either put off or serve all. If the inmate does not receive a positive social adjustment, the probability of receiving a put off or serve all increases (Table 15 and Figure 11).

TABLE 1

## AGE GROUP DISTRIBUTION OF PAROLE APPLICANTS

AGE GROUP	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>
17 - 21	119	12.92	14	9.52	68	13.92	37	12.95
22 - 26	285	30.96	39	26.52	156	31.94	90	31.50
27 - 31	210	22.80	33	22.44	109	22.32	68	23.80
32 - 36	108	11.72	22	14.96	52	10.64	34	11.90
37 - 41	58	6.28	13	8.84	32	6.55	13	4.55
42 - 46	56	6.07	8	5.44	34	6.96	14	4.90
47 - 51	40	4.32	9	6.12	17	3.48	14	4.90
52 - 56	23	2.48	4	2.72	9	1.84	10	3.50
57 - 61	8	.84	1	.68	5	1.01	2	.70
62 - 66	10	1.06	3	2.04	4	.80	3	1.05
67 or older	3	.32	1	.68	2	.40	0	--

TABLE 2  
ETHNIC GROUP DISTRIBUTION OF PAROLE APPLICANTS

ETHNIC GROUP	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>						
Negro	352	38.26	58	39.45	202	41.39	92	32.28
White	405	44.02	58	39.45	195	39.95	152	53.33
Mexican-American	163	17.71	31	21.08	91	18.64	41	14.38

Figure 1  
**ETHNIC GROUP DISTRIBUTION  
 OF PAROLE APPLICANTS**

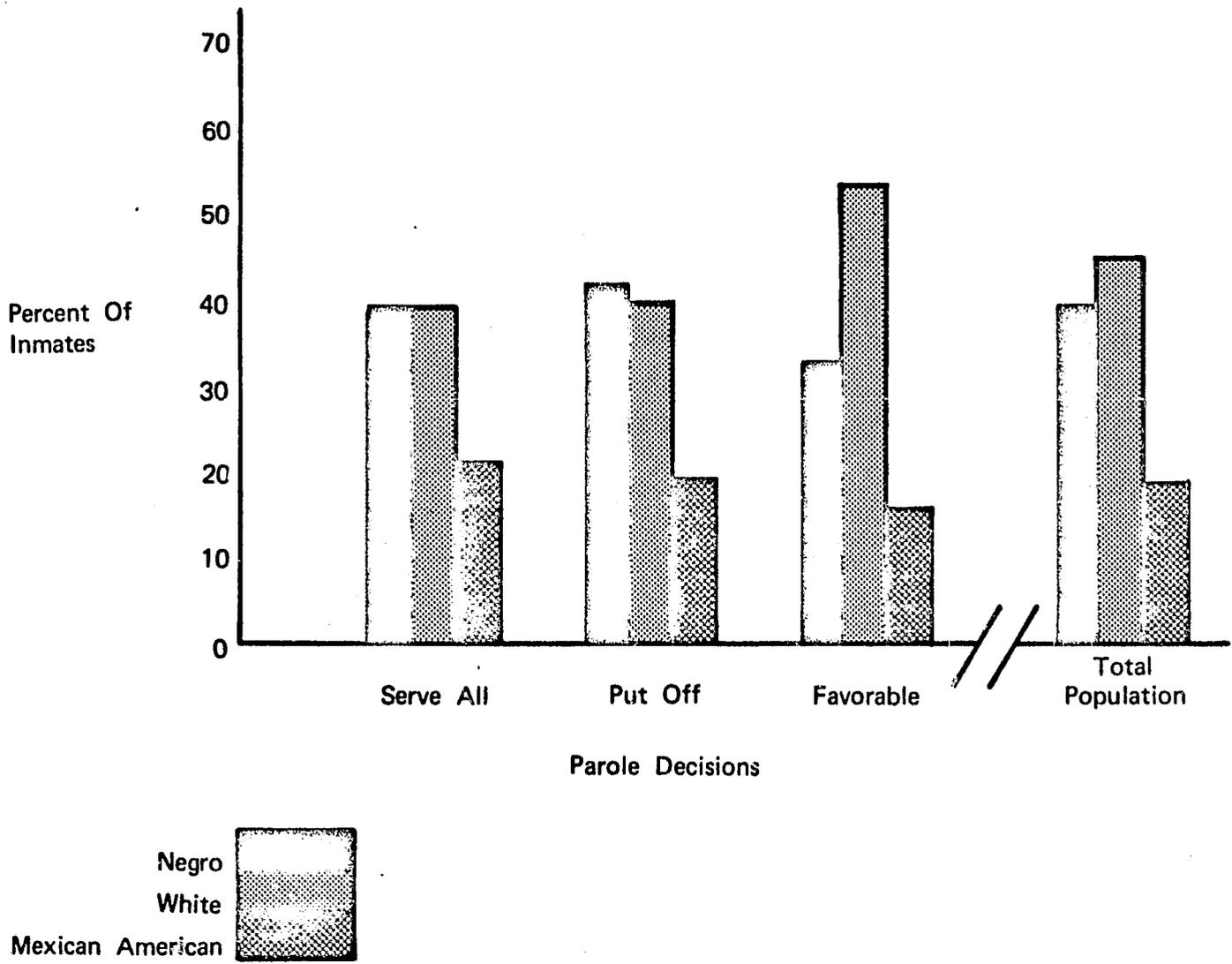


TABLE 3

## NUMBER OF JAIL CONFINEMENTS OF PAROLE APPLICANTS

ACTUAL NUMBER	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	Number Inmates	Percent Inmates	Number Inmates	Percent Inmates	Number Inmates	Percent Inmates	Number Inmates	Percent Inmates
0	257	27.93	29	19.72	134	27.45	94	32.98
1	178	19.34	19	12.92	89	18.23	70	24.56
2	130	14.13	26	17.68	63	12.90	41	14.38
3	98	10.65	16	10.88	56	11.47	26	9.12
4	54	5.86	9	6.12	31	6.35	14	4.91
5	42	4.56	9	6.12	24	4.91	9	3.15
6	27	2.93	4	2.72	18	3.68	5	1.75
7	25	2.71	4	2.72	17	3.48	4	1.40
8	17	1.84	4	2.72	8	1.63	5	1.75
9	11	1.19	5	3.40	4	.81	2	.70
10	12	1.30	4	2.72	5	1.02	3	1.05
11 - 30	53	5.69	12	8.16	30	6.07	11	3.85
31 - 100	16	1.61	6	4.08	9	1.80	1	.35

TABLE 4

## NUMBER OF REFORMATORY CONFINEMENTS OF PAROLE APPLICANTS

ACTUAL NUMBER	TOTAL POPULATION		PAROLE DECISIONS					
	Number Inmates	Percent Inmates	SERVE ALL		PUT OFF		FAVORABLE	
			Number Inmates	Percent Inmates	Number Inmates	Percent Inmates	Number Inmates	Percent Inmates
0	702	76.30	112	76.19	353	72.33	237	83.15
1	130	14.13	19	12.92	77	15.77	34	11.92
2	56	6.08	10	6.80	38	7.78	8	2.80
3	21	2.28	3	2.04	13	2.66	5	1.75
4	8	.86	2	1.36	5	1.02	1	.35
5	1	.10	1	.68	0	--	0	--
6	1	.10	0	--	1	.20	0	--
7	1	.10	0	--	1	.20	0	--

Figure 2

NUMBER OF REFORMATORY CONFINEMENTS  
OF PAROLE APPLICANTS

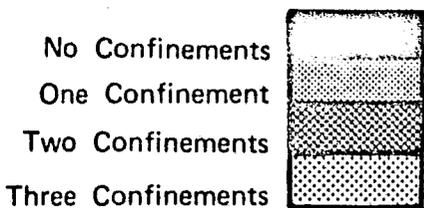
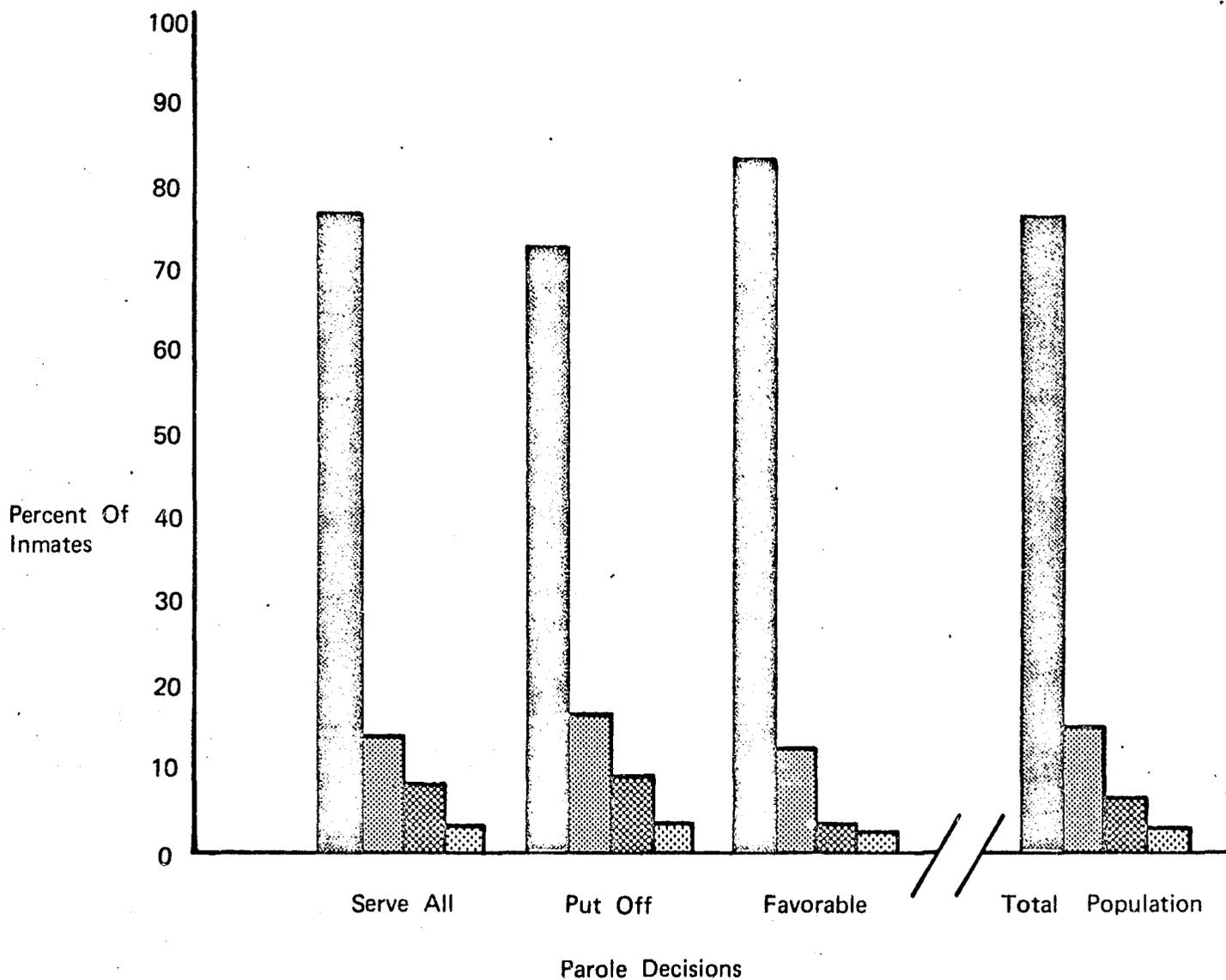


TABLE 5

## NUMBER OF PREVIOUS TDC CONFINEMENTS OF PAROLE APPLICANTS

ACTUAL NUMBER	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
			<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>
0	607	65.97	80	4.42	296	60.65	248	87.01
1	185	20.10	42	28.57	107	21.97	29	10.17
2	87	9.45	15	10.20	59	12.09	5	1.75
3	29	3.15	6	4.08	18	3.68	3	1.05
4	7	.76	2	1.36	5	1.02	0	--
5	1	.10	1	.68	0	--	0	--
6	3	.32	1	.68	2	.40	0	--
7	1	.10	0	--	1	.20	0	--

Figure 3

NUMBER OF PREVIOUS TDC CONFINEMENTS  
OF PAROLE APPLICANTS

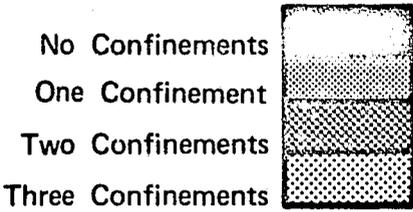
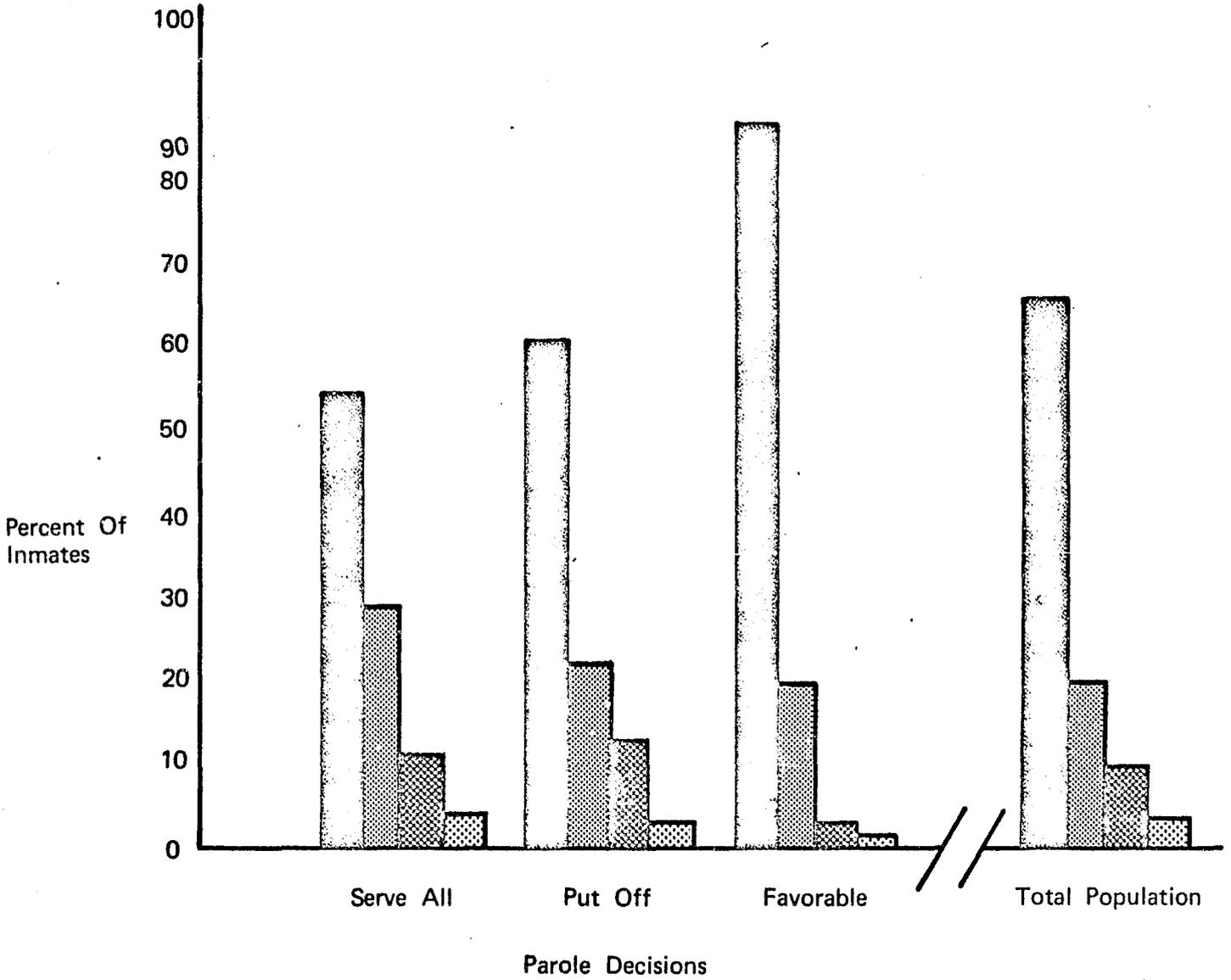


TABLE 6  
NUMBER OF CONFINEMENTS IN OTHER PRISONS

ACTUAL NUMBER	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>
0	775	84.23	119	80.95	408	83.60	248	87.01
1	97	10.54	18	12.24	50	10.24	29	10.17
2	30	3.26	9	6.12	16	3.27	5	1.75
3	9	.97	1	.68	5	1.01	3	1.05
4	6	.65	0	--	6	1.22	0	--
5	2	.21	0	--	2	.40	0	--
6	1	.10	0	--	1	.20	0	--

Figure 4  
**NUMBER OF CONFINEMENTS**  
**IN OTHER PRISONS**

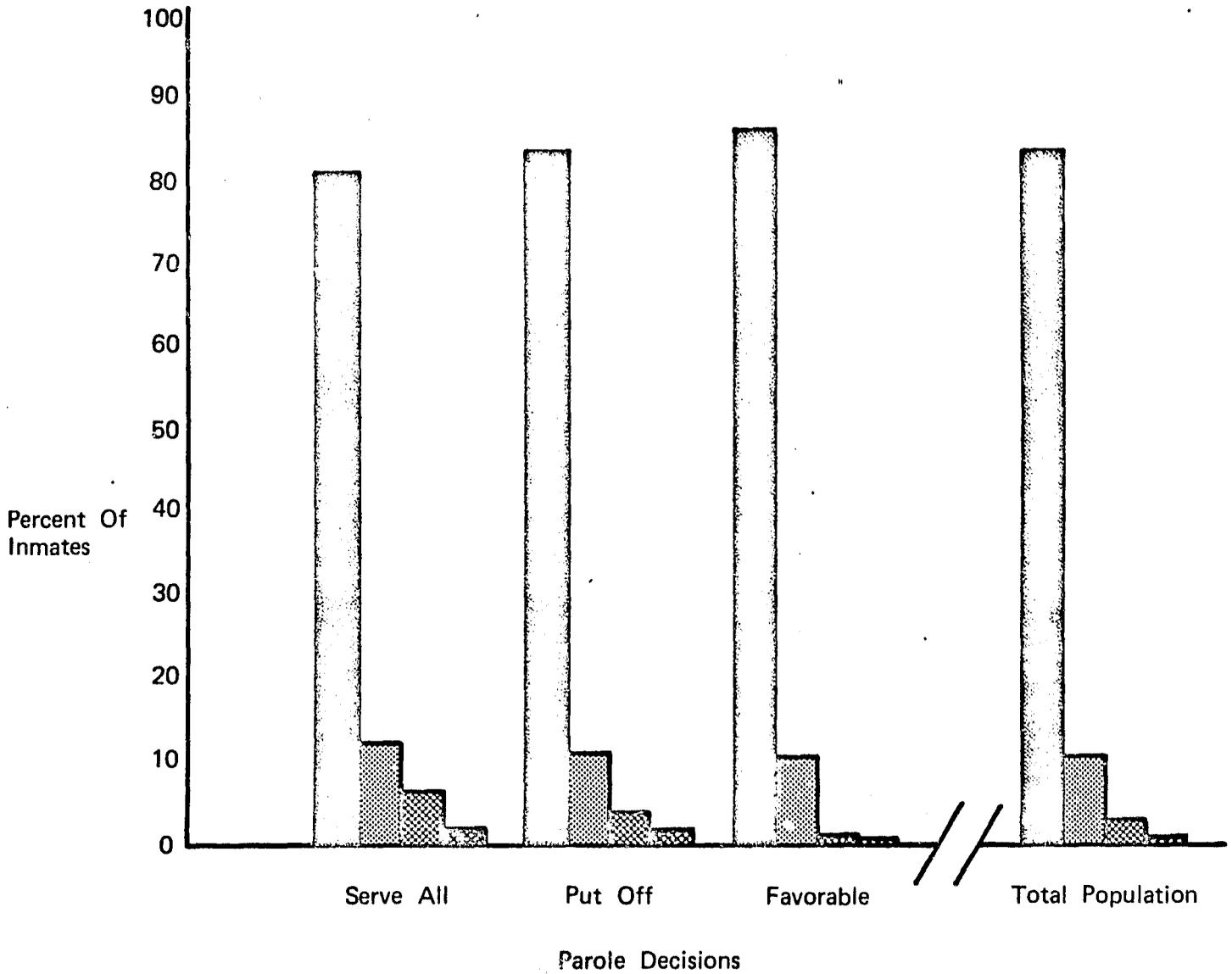
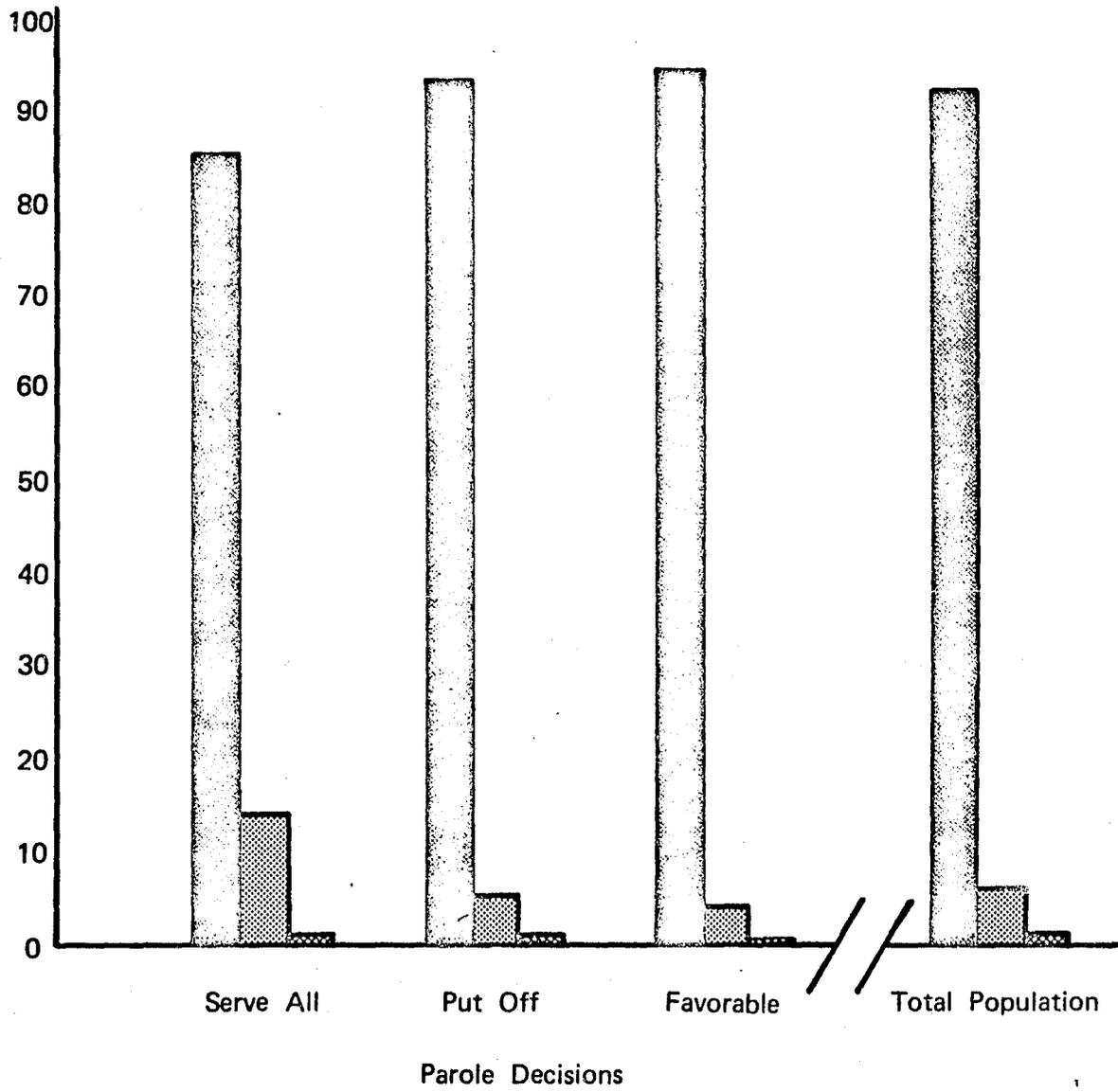


TABLE 7  
PREVIOUS PAROLE VIOLATIONS FROM TDC  
BY PAROLE APPLICANTS

ACTUAL NUMBER	TOTAL POPULATION		PAROLE DECISIONS					
	Number Inmates	Percent Inmates	SERVE ALL		PUT OFF		FAVORABLE	
			Number Inmates	Percent Inmates	Number Inmates	Percent Inmates	Number Inmates	Percent Inmates
0	852	92.60	126	85.71	456	93.44	270	94.73
1	57	6.19	20	13.60	25	5.12	12	4.21
2	8	.86	1	.68	6	1.22	1	.35
3	3	.32	0	--	1	.20	2	.70

Figure 5

PREVIOUS PAROLE VIOLATIONS FROM TDC  
BY PAROLE APPLICANTS



No Violations  
One Violation  
Two Violations

TABLE 8

## MAXIMUM SENTENCES OF PAROLE APPLICANTS

NUMBER OF YEARS	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>
5 or less	415	45.09	99	67.34	164	33.59	152	53.31
5 - 10	301	32.68	40	27.20	174	35.62	87	30.51
10 - 15	153	16.59	8	4.08	92	18.83	27	9.46
15 or more	51	5.43	2	1.36	58	11.80	19	6.65

TABLE 9

## NUMBER OF OFFENSES OF PAROLE APPLICANTS

ACTUAL NUMBER	TOTAL POPULATION		PAROLE DECISIONS					
	Number Inmates	Percent Inmates	SERVE ALL		PUT OFF		FAVORABLE	
			Number Inmates	Percent Inmates	Number Inmates	Percent Inmates	Number Inmates	Percent Inmates
1	552	60.00	105	71.42	280	57.33	167	58.59
2	225	24.45	29	19.72	135	27.66	61	21.40
3	68	7.39	6	4.08	30	6.14	32	11.22
4	35	3.80	4	2.72	20	4.09	11	3.85
5	13	1.41	2	1.36	5	1.02	6	2.10
6	13	1.41	1	.68	7	1.43	5	1.75
7	3	.32	0	--	2	.40	1	.35
8	2	.21	0	--	2	.40	0	--
9	4	.43	0	--	4	.81	0	--
11	1	.10	0	--	1	.20	0	--
13	2	.21	0	--	2	.40	0	--
14	1	.10	0	--	0	--	1	.35
57	1	.10	0	--	0	--	1	.35

Figure 6  
**NUMBER OF OFFENSES  
 OF PAROLE APPLICANTS**

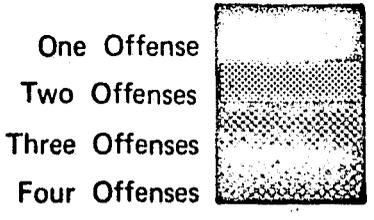
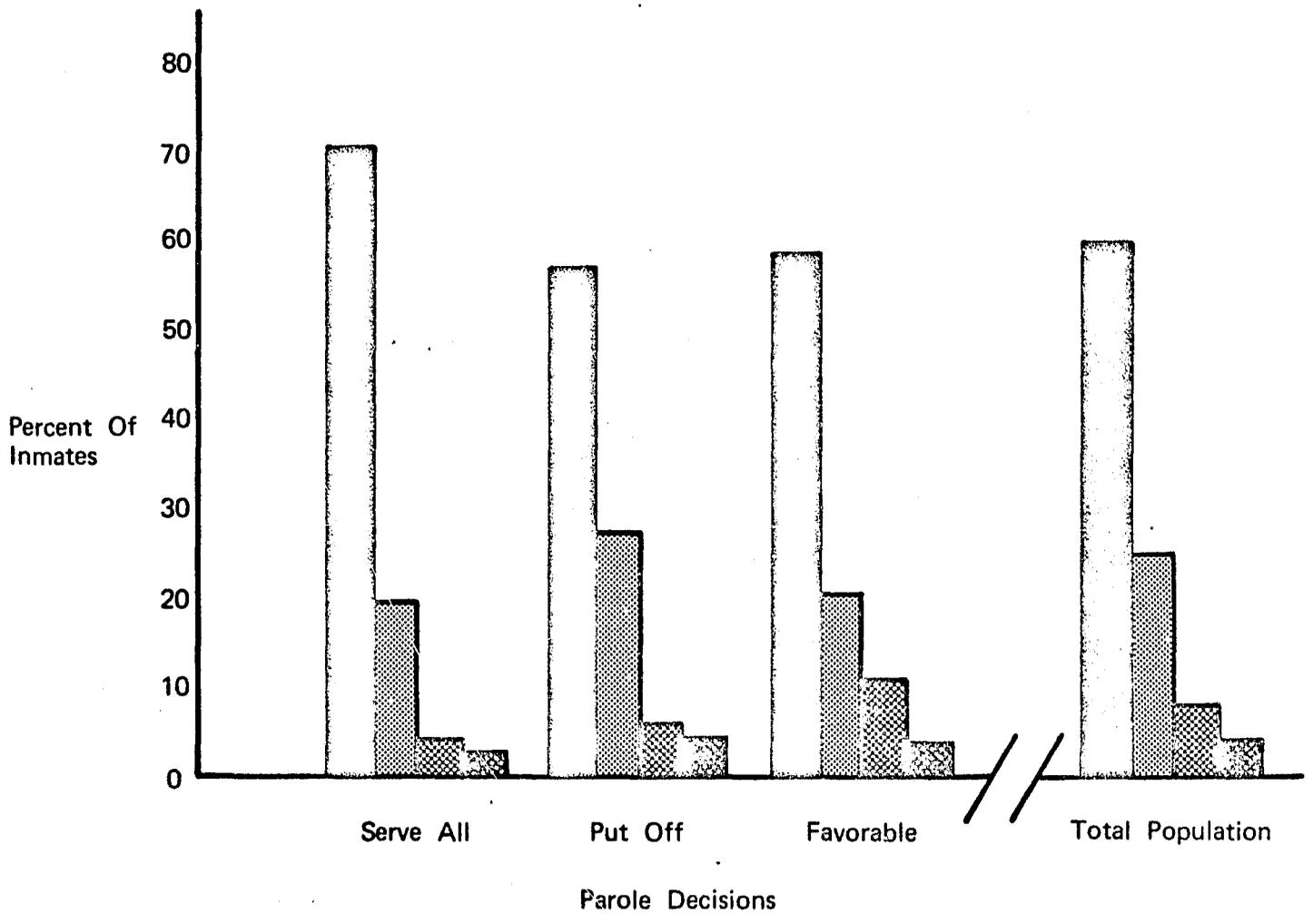


TABLE 10  
PRESENT SEGREGATIVE CLASSIFICATION

ACTUAL CLASS	TOTAL POPULATION		PAROLE DECISIONS					
	<u>Number Inmates</u>	<u>Percent Inmates</u>	SERVE ALL		PUT OFF		FAVORABLE	
			<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>
I (First Offender)	397	43.12	43	29.24	187	38.31	167	58.57
II (Recidivist)	423	45.96	85	57.81	116	48.15	103	36.13
III (Malcontent)	14	1.51	2	1.36	10	2.03	2	.70
II CH (Habitual)	82	8.91	17	11.56	54	11.06	11	3.85
Not classified	4	.43	0	--	2	.40	2	.70

Figure 7

PRESENT SEGREGATIVE CLASSIFICATION

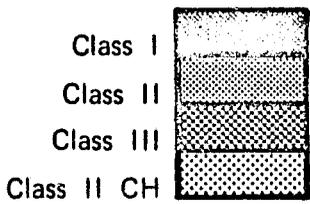
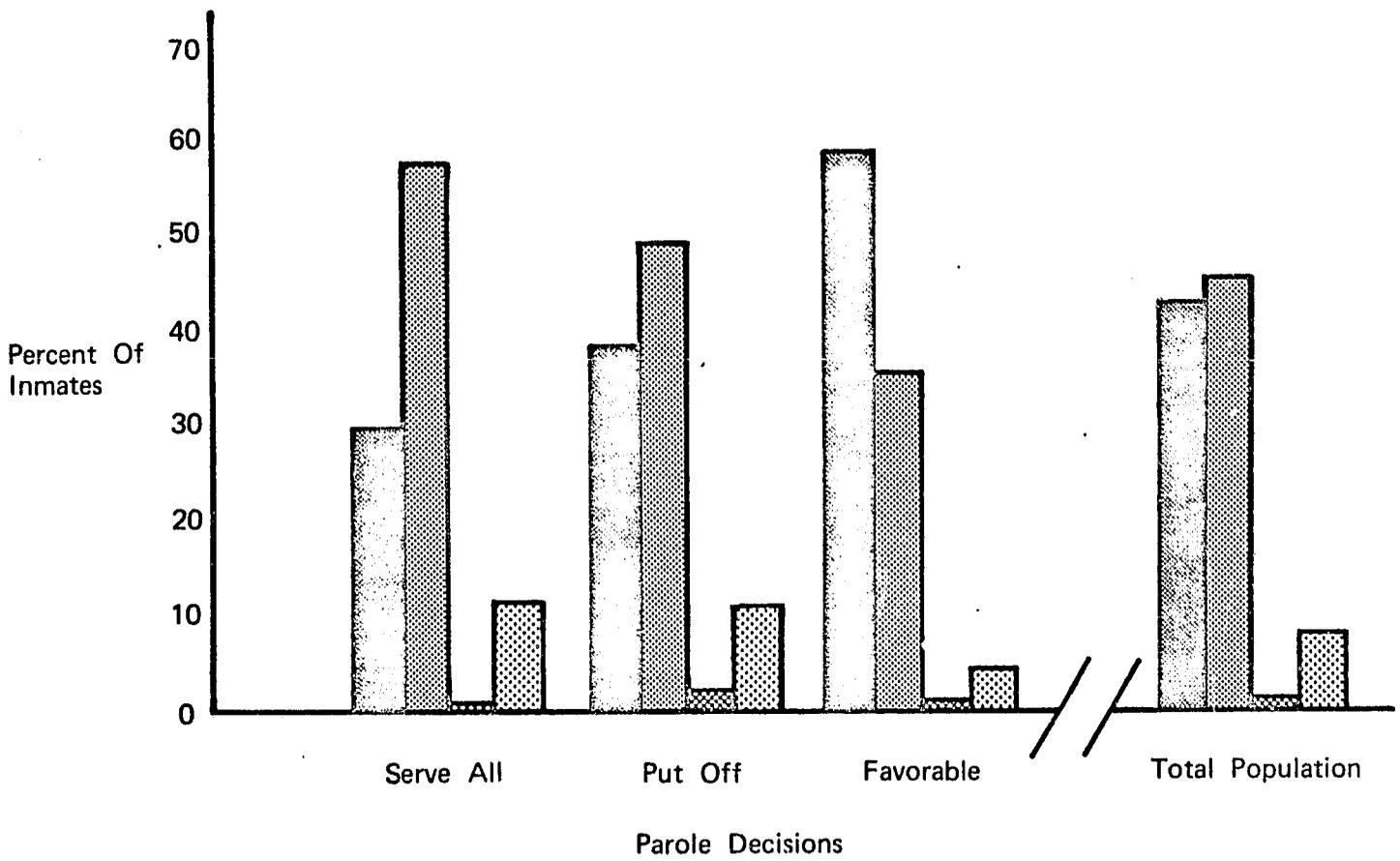


TABLE 11

NUMBER OF TIMES THE PAROLE APPLICANTS  
STUDIED WERE IN SOLITARY CONFINEMENT

ACTUAL NUMBER	TOTAL POPULATION		PAROLE DECISIONS					
	Number Inmates	Percent Inmates	SERVE ALL		PUT OFF		FAVORABLE	
			Number Inmates	Percent Inmates	Number Inmates	Percent Inmates	Number Inmates	Percent Inmates
0	645	70.10	102	69.38	324	66.39	219	76.84
1	155	16.84	25	17.00	87	17.82	43	15.08
2	62	6.73	9	6.12	41	8.40	12	4.21
3	24	2.60	5	3.40	13	2.66	6	2.10
4	16	1.73	3	2.04	9	1.84	4	1.40
5	5	.54	2	1.36	3	.61	0	--
6	2	.21	0	--	2	.40	0	--
7	4	.43	0	--	4	.81	0	--
8	5	.54	1	.68	3	.61	1	.35
9	0	--	0	--	0	--	0	--
10	2	.21	0	--	2	.40	0	--

Figure 8

NUMBER OF TIMES THE PAROLE APPLICANTS  
STUDIED WERE IN SOLITARY CONFINEMENT

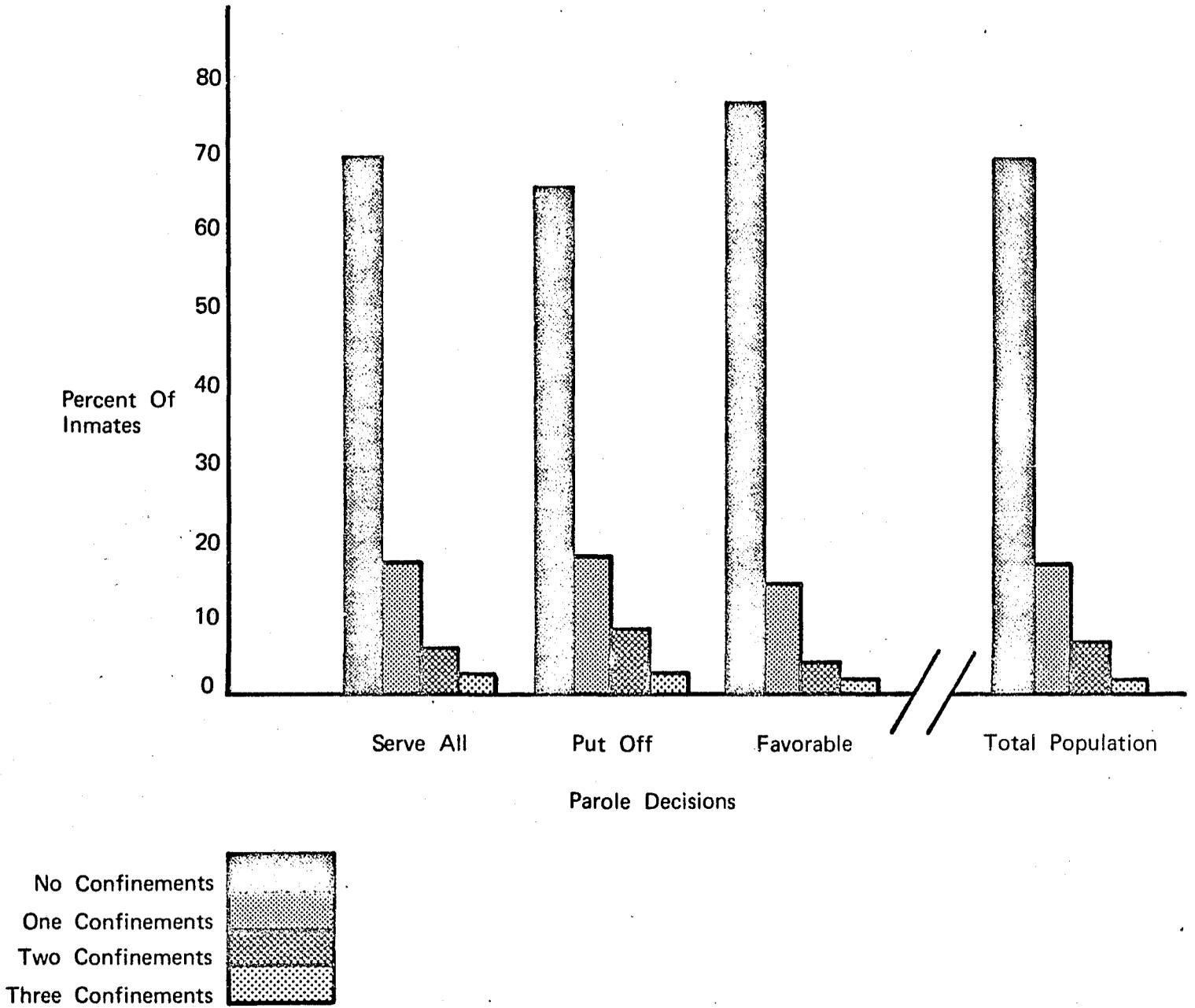


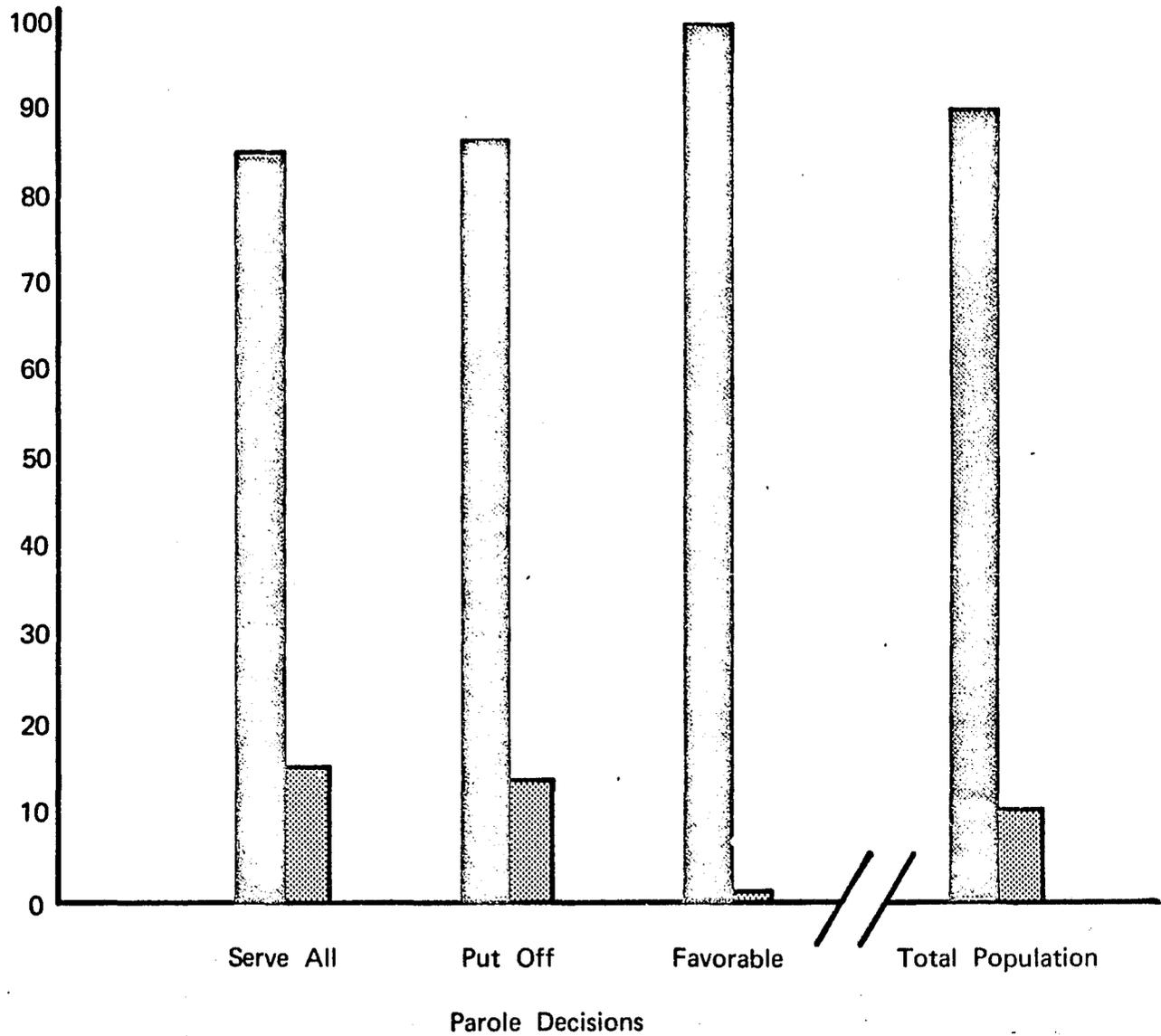
TABLE 12

SUMMARY OF WARDENS' RECOMMENDATIONS OF PAROLE APPLICANTS

RECOMMEN- DATION	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>
No	89	9.67	22	14.96	65	13.31	2	0.70
Yes	831	90.32	125	85.03	423	86.68	283	99.29

Figure 9

SUMMARY OF WARDENS' RECOMMENDATIONS  
OF PAROLE APPLICANTS



Yes  
No

TABLE 13

POINT INCENTIVE PROGRAM NEGATIVE POINTS OF PAROLE APPLICANTS

POINTS	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>
No negative points	891	96.84	143	97.27	466	95.49	282	98.94
Negative points	29	3.16	4	2.73	22	4.51	3	1.06

TABLE 14

## POINT INCENTIVE PROGRAM INDEX SCORE OF PAROLE APPLICANTS

NUMBER OF POINTS	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>
Less than 80	67	7.19	17	11.56	48	9.76	2	.070
80	210	22.82	46	31.29	118	24.17	46	16.13
90	99	10.75	10	6.80	60	12.29	29	10.17
100	115	12.49	26	17.68	53	10.85	36	12.62
110	139	15.10	16	10.88	75	15.36	48	16.83
120	69	7.49	12	8.16	30	6.14	27	9.47
130	62	6.73	7	4.76	27	5.52	28	9.81
140	58	6.29	6	4.08	28	5.73	24	8.41
150	30	3.25	2	1.36	13	2.65	15	5.25
160	24	2.60	1	.68	15	3.06	8	2.80
170	25	2.71	3	2.04	11	2.24	11	3.85
180	11	1.18	1	.68	6	1.21	4	1.40
190	7	.75	0	--	2	.40	5	1.75
200	3	.31	0	--	2	.40	1	.35
210	1	.10	0	--	0	--	1	.35

Figure 10

POINT INCENTIVE PROGRAM  
INDEX SCORE OF PAROLE APPLICANTS

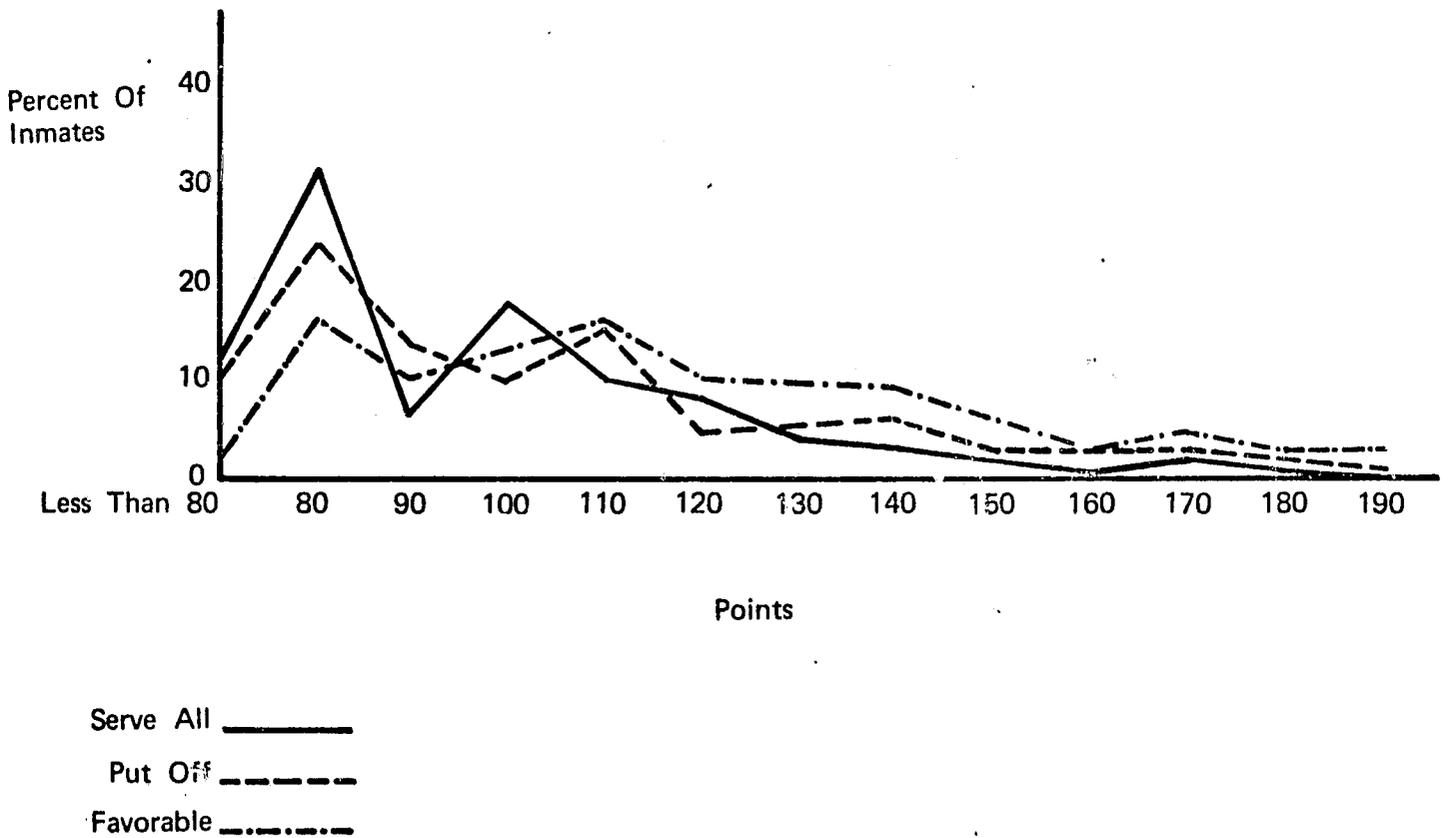


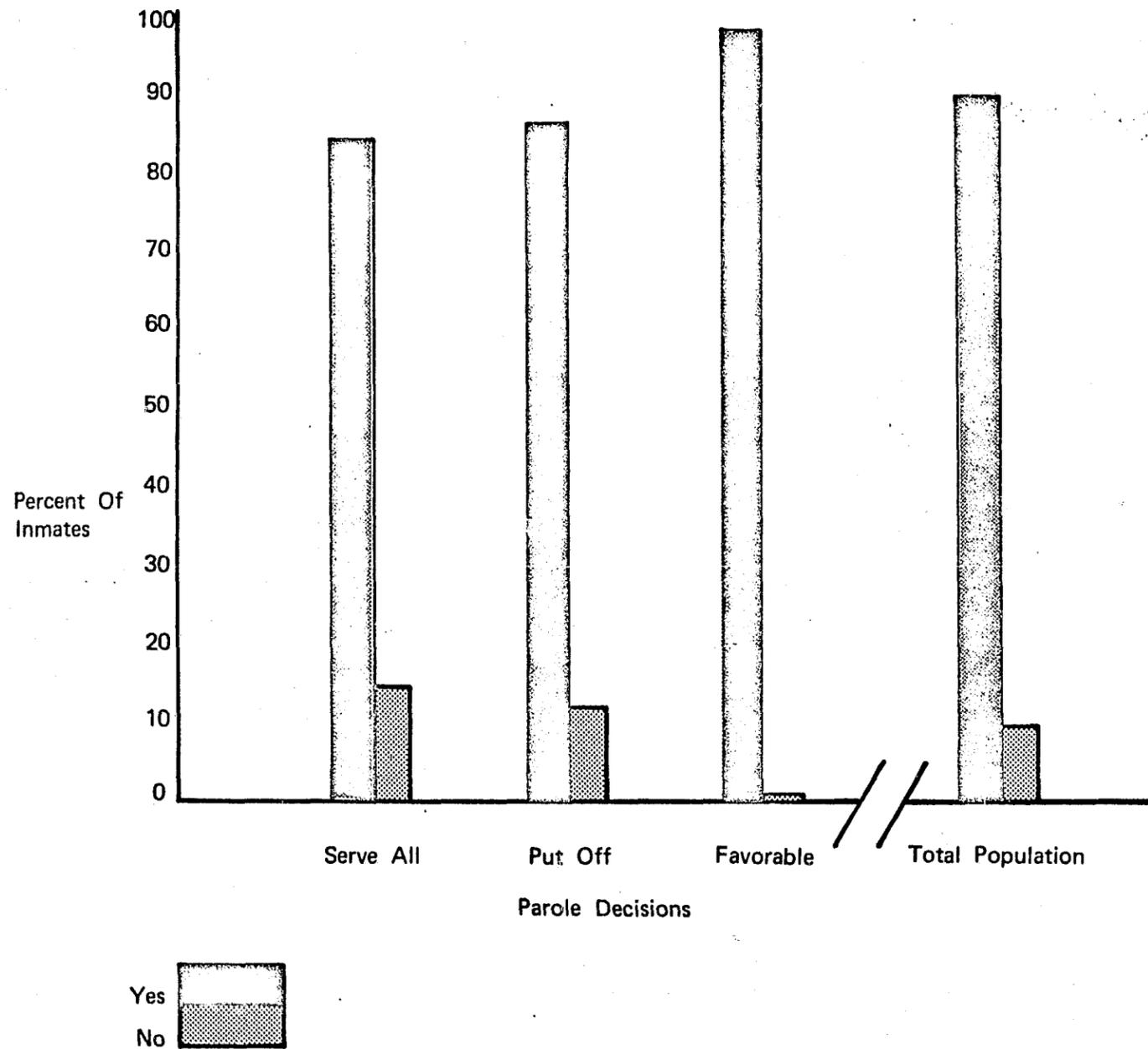
TABLE 15

SUMMARY OF SOCIAL ADJUSTMENT OF PAROLE APPLICANTS

SOCIAL ADJUSTMENT	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>
No	87	9.45	22	14.96	63	12.90	2	0.70
Yes	833	90.54	125	85.03	425	87.09	283	99.29

Figure 11

SUMMARY OF SOCIAL ADJUSTMENT  
OF PAROLE APPLICANTS



PROCEDURES

The procedures for this study consisted of eight phases. These phases were defined as follows. Phase one was the operational definition of major terms; phase two was the selection of a sample group and the division of the sample group into three subgroups according to decisions on parole consideration. Phase three was the selection of information to be used. Phase four was the use of a frequency distribution to locate and eliminate zero or very low data fields. Phase five was the use of a frequency distribution to check for possible mathematical relationships of a variable across the three subgroups and eliminate the variable if none is evidenced. Phase six was the use of a factor analysis equation to check for relationship between decisions and variables. Phase seven was the use of a correlation coefficient equation to check for relationship between decisions and variables. Phase eight was the use of a multiple linear regression equation check for relationships between variables and decisions.

Phase I - Operational Definitions

1. Inmate: An inmate was operationally defined as a person currently committed to the Texas Department of Corrections.

2. Parole eligibility: An inmate is eligible for parole after he has accumulated time equal to 1/3 of his sentence.
3. Parole board: The Parole Board was defined as the Texas Board of Pardons and Paroles.
4. Favorable parole action: Favorable parole action was the Parole Board's rating of an inmate that indicated they feel he is ready for parole.
5. Put off: A put off was the Parole Board's rating of an inmate indicating that they do not feel he is ready for parole at the present time, but will be considered again later.
6. Serve all: A serve all was the Parole Board's rating of an inmate indicating that they do not feel he should ever be paroled.

#### Phase II - Sample Selection

The sample for this study was obtained over a period of 2½ months (from September 1 to November 15). During this period, parole information was collected on inmates who were eligible for parole and who had parole recommendation sheets.

When the first programs were run, it was discovered that there were 80 inmate identification numbers duplicated

in the study. Those duplications were removed, reducing the sample population to 920 total. These duplications had occurred because these inmates became eligible for parole twice during the 2½-month study period. This sample was then divided into three subgroups depending on the results of parole consideration. There were 285 inmates in the favorable subgroup, 448 inmates in the put off subgroup, and 147 inmates in the serve all subgroup. These three subgroups, and the total sample as a group, were then used in this study.

#### Phase III - Selection of Information to be Used

There were two major sources of information available for this study. The first was the Texas Department of Corrections' inmate information system, which consists of an automated data system. The second source was the inmate's personal file maintained by the Texas Department of Corrections.

#### Phase IV - Frequency Distribution

After the selection of information and a sample population were completed, a frequency distribution was established for each of the four groups of serve all, put off, favorable, and total population. These frequency distributions describe the four populations across all of the

variables used in this study. When those distributions showed a very low frequency or a frequency of zero on a particular variable, that variable was eliminated from the study. Elimination of a variable was based on the fact that the variable had insufficient variance to analyze.

#### Phase V - Mathematical Relationships

The fifth phase of the study was the use of a frequency distribution to check for the possible presence of mathematical relationships between the same variable in different groups. If an increase or decrease of frequency was found between the groups, it was an indication that there was a relationship of that variable to the groups. Variables were selected by the same method for the sixth phase of this study.

#### Phase VI - Factor Analysis

The sixth phase of this study was the use of a factor analysis equation on the 47 variables which had, to this point, shown the best indication of a relationship with the decisions. The factor analysis program was utilized to determine relationships between variables. (See Appendix B for a list of the variables selected.) For this phase, as in the last, a program was run for each of the groups except the total population. However, since

this program can compare only variables, the groups had to be formed into a variable state. To accomplish this, groups were combined and handled as the variation between the groups. For example, the variation between serve all and put off was handled as a "group variable". The "group variable" was assigned variable number 47 for each of the programs and the other 46 variables could then be checked for a relationship to variable 47; variable 47 being in reality the decision of which group an inmate was placed in.

#### Phase VII - Correlation Coefficient

The seventh phase of this study was the use of a correlation coefficient program on the variables of this study. As in the sixth phase, on factor analysis, the groups were handled as the group variables: serve all versus put off, put off versus favorable, and serve all versus favorable. These "group variables" were once again coded as variable 47, and the other 46 variables were tested for a relationship to it, in each of its states. These expressed relationships were then checked to see which of them were significant.

#### Phase VIII - Multiple Linear Regression

The eighth phase of this study was the use of a multiple linear regression on each of the combined groups,

as used in factor analysis and correlation. This program, like the preceding two programs, was designed to check for a relationship between any number of variables and a particular variable. This program expressed the probability of the relationships being real, and expressed each relationship's ability to predict the group variable. In other words, this program expressed the ability to predict the decision concerned from the 46 variables used in this phase of the study.

A P P E N D I X A

APPENDIX A  
TEXAS DEPARTMENT OF CORRECTIONS  
\*FRED OUTPUT FOR DISCRETE VARIABLES  
FOR PAROLE STUDY

1. Nativity
2. Citizenship
3. Residence
4. Marital Status
5. Religion
6. Military Record
7. Race
8. Sex
9. Vocational status
10. Vocational class
11. General occupation choice
12. Previous departure code
13. Previous unit departed
14. Last unit
15. Present unit
16. Trusty status code
17. Original segregative class
18. Original security class
19. Present segregative class
20. Present security class

\*Frequency Distribution

21. Original medical group
22. Original medical class
23. Present medical group
24. Present medical class
25. Present solitary offense code
26. Unit code
27. Warden's recommendation
28. Conduct record
29. Trusty status
30. Detainers
31. Does assignment restrict participation in Sunday activities?
32. Remarks
33. Social adjustment
34. Next review date

TEXAS DEPARTMENT OF CORRECTIONS  
FRED OUTPUT FOR CONTINUOUS VARIABLES  
FOR PAROLE STUDY

1. Year of birth
2. Original educational achievement
3. Original intelligence quotient
4. Original number of college hours
5. Present educational achievement
6. Present intelligence quotient
7. Present number of college hours
8. Number of co-defendants
9. Detainers - Texas
10. Detainers - other states
11. Detainers - Federal
12. Detainers - immigration
13. Suspended Sentences - adult
14. Suspended Sentences - juvenile
15. Probated Federal - adult
16. Probated Federal - juvenile
17. Probated State - adult
18. Probated State - juvenile
- Number of Confinements (19-24)
19. Detention Homes
20. Jails
21. Reformatories

22. Military prisons
23. TDC prison
24. Other prisons
- Escapes Completed (25-28)
25. Juvenile
26. Other institutions
27. TDC
28. Other prisons
- Escapes Attempted (29-32)
29. Juvenile
30. Other institutions
31. TDC
32. Other prisons
- Parole Violations (33-36)
33. Juvenile
34. Other institutions
35. TDC
36. Other prisons
37. Years minimum sentence
38. Years maximum sentence
39. Number of offenses
- Number of Offenses (40-73)
40. Unknown
41. Murder
42. Rape

43. Robbery
44. Assault
45. Burglary
46. Theft over \$50
47. Auto theft
48. Arson
49. Forgery
50. Fraud
51. Stolen property
52. State government
53. Weapons
54. Prostitution
55. Sex offenses
56. Drugs
57. Gambling
58. Family
59. Driving while intoxicated (D.W.I.)
60. Liquor
61. Breaking and entering a motor vehicle
62. Escapes
63. Assault with intent to commit
64. Embezzlement
65. Malicious mischief
66. Kidnapping

67. Conspiracy
68. Against state
69. Rights of suffrage
70. Public justice
71. Public peace
72. Public policy
73. Public property
74. Number of times in solitary
75. Blank field
76. Blank field
77. Blank field
- Point Incentive Program (78-91)
78. Work
79. Conduct
- ~~80. Attitude~~
81. Educational participation
82. Recreational participation
83. Religious participation
84. Personal development
85. Alcoholics Anonymous
86. Group counseling
87. Vocational training
88. Special assignment
89. State Approved Trusty

90. Negative points

91. Index score

92. Blank field

93. First reason

A P P E N D I X B

APPENDIX B

FACTOR ANALYSIS VARIABLES  
FOR PAROLE STUDY

<u>VARIABLE NO.</u>	<u>DESCRIPTION</u>
1	Year of birth
2	Race
3	Present educational achievement
4	Present intelligence quotient
5	Number of co-defendants
6	Detainers - Texas
7	Suspended sentences - adult
8	Probated Federal sentences - adult
9	Probated State sentences - adult
10	Probated State sentences - juvenile
11	No. of confinements in detention homes
12	No. of confinements in jails
13	No. of confinements in reformatories
14	No. of confinements in military prisons
15	No. of confinements in TDC
16	No. of confinements in other prisons
17	Escapes completed - juvenile
18	Escapes completed - other institutions
19	Escapes completed - TDC
20	Escapes completed - other prisons

VARIABLE NO.

DESCRIPTION

21	Escapes attempted - juvenile
22	Escapes attempted - other institutions
23	Escapes attempted - TDC
24	Escapes attempted - other prisons
25	Parole violations - TDC
26	Parole violations - other prisons
27	Years maximum sentence
28	Number of offenses
29	Present segregative class
30	Number of times in solitary
31	Warden's recommendation
32	Work
33	Conduct
34	Attitude
35	Educational participation
36	Recreational participation
37	Religious participation
38	Personal development
39	Alcoholics Anonymous
40	Group counseling
41	Vocational training
42	Special assignment
43	State Approved Trusty

VARIABLE NO.

DESCRIPTION

44	Negative points
45	Index score
46	Social adjustment
47	Group (serve all, favorable, put off)

A P P E N D I X C

TABLE 1-C  
P.I.P. CONDUCT POINTS

POINTS	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>						
0	7	0.76	0	--	6	1.22	1	0.35
2	4	.43	2	1.36	1	.20	1	.35
10	35	3.80	11	7.48	22	4.50	2	.70
15	144	15.65	19	12.92	86	17.62	39	13.68
20	595	64.67	96	65.30	296	60.65	203	71.22
25	135	14.67	19	12.92	77	15.77	39	13.68

TABLE 2-C

P.I.P. VOCATIONAL TRAINING POINTS

POINTS	TOTAL POPULATION		PAROLE DECISIONS					
	Number Inmates	Percent Inmates	SERVE ALL		PUT OFF		FAVORABLE	
			Number Inmates	Percent Inmates	Number Inmates	Percent Inmates	Number Inmates	Percent Inmates
0	864	93.91	142	96.59	463	94.87	259	90.87
3	2	.21	1	.68	0	--	1	.35
5	1	.10	1	.68	0	--	0	--
10	17	1.84	0	--	7	1.43	10	3.50
15	25	2.71	2	1.36	13	2.66	10	3.50
20	10	1.08	1	.68	4	.81	5	1.75

**CONTINUED**

**1 OF 2**

TABLE 3-C

P.I.P. GROUP COUNSELING POINTS

POINTS	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>						
0	885	96.19	141	95.91	474	97.13	270	94.73
5	3	.32	1	.68	1	.20	1	.35
10	3	.32	0	--	2	.40	1	.35
15	20	2.17	4	2.72	6	1.22	10	3.50
20	9	.97	1	.68	5	1.02	3	1.05

TABLE 4-C

## P.I.P. PERSONAL DEVELOPMENT POINTS

POINTS	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>						
0	880	95.65	144	97.95	473	96.92	263	92.28
5	7	.76	0	--	3	.61	4	1.40
10	11	1.19	1	.68	5	1.02	5	1.75
15	7	.76	1	.68	2	.40	4	1.40
20	15	1.63	1	.68	5	1.02	9	3.15

TABLE 5-C

## P.I.P. WORK POINTS

POINTS	TOTAL POPULATION		PAROLE DECISIONS					
	Number Inmates	Percent Inmates	SERVE ALL		PUT OFF		FAVORABLE	
			Number Inmates	Percent Inmates	Number Inmates	Percent Inmates	Number Inmates	Percent Inmates
0	5	0.53	1	0.68	4	0.81	0	--
2	2	.21	0	--	1	.20	1	0.35
4	1	.10	1	.68	0	--	0	--
14	1	.10	1	.68	0	--	0	--
20	25	2.71	5	3.40	17	3.48	3	1.05
30	161	17.50	23	15.64	86	17.62	52	18.24
40	593	64.45	99	67.34	308	63.11	186	65.26
50	132	14.34	17	11.56	72	14.75	43	15.08

TABLE 6-C

P.I.P. EDUCATIONAL PARTICIPATION POINTS

POINTS	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>
0	445	48.36	84	57.14	238	48.77	123	43.15
5	19	2.06	4	2.72	11	2.25	4	1.40
10	119	12.93	21	14.28	59	12.09	39	13.68
15	191	20.76	22	14.96	102	20.90	67	23.50
20	144	15.65	16	10.88	77	15.77	51	17.89

TABLE 7-C

P.I.P. SPECIAL ASSIGNMENT POINTS

POINTS	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>						
0	735	79.88	123	83.67	387	79.30	225	78.94
10	7	.76	1	.68	5	1.02	1	.35
20	47	5.10	6	4.08	24	4.91	17	5.96
30	101	10.97	14	9.52	53	10.86	34	11.92
40	30	3.26	3	2.04	19	3.89	8	2.80

TABLE 7-C

## P.I.P. SPECIAL ASSIGNMENT POINTS

POINTS	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>
0	735	79.88	123	83.67	387	79.30	225	78.94
10	7	.76	1	.68	5	1.02	1	.35
20	47	5.10	6	4.08	24	4.91	17	5.96
30	101	10.97	14	9.52	53	10.86	34	11.92
40	30	3.26	3	2.04	19	3.89	8	2.80

TABLE 8-C  
P.I.P. ATTITUDE POINTS

POINTS	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>						
0	6	0.64	0	--	5	1.02	1	0.35
1	1	.10	0	--	1	.20	0	--
2	2	.21	2	1.36	0	--	0	--
10	39	4.23	9	6.12	24	4.91	6	2.10
15	135	14.67	23	15.64	80	16.39	32	11.22
20	602	65.43	96	65.30	303	62.09	203	71.22
25	135	14.67	17	11.56	75	15.36	43	15.08

TABLE 9-C

## P.I.P. STATE APPROVED TRUSTY POINTS

POINTS	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>
0	727	79.02	120	81.63	409	83.81	198	69.47
10	6	.65	1	.68	1	.20	4	1.40
20	41	4.45	9	6.12	14	2.86	18	6.31
30	94	10.21	10	6.80	38	7.78	46	16.14
40	52	5.65	7	4.76	26	5.32	19	6.66

TABLE 10-C

P.I.P. RECREATION PARTICIPATION POINTS

POINTS	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>						
0	517	56.18	100	68.02	275	56.34	142	49.82
5	48	5.21	7	4.76	30	6.14	11	3.85
10	274	29.78	34	23.12	143	29.30	97	34.03
15	53	5.76	5	3.40	27	5.53	21	7.36
20	26	2.82	1	.68	12	2.45	13	4.56

TABLE 11-C

P.I.P. ALCOHOLICS ANONYMOUS PARTICIPATION POINTS

POINTS	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>						
0	811	88.15	130	88.43	433	88.72	248	87.01
5	31	3.36	9	6.12	14	2.86	8	2.80
10	32	3.47	5	3.40	16	3.27	11	3.85
15	29	3.15	2	1.36	16	3.27	11	3.85
20	17	1.84	1	.68	9	1.84	7	2.45

TABLE 12-C

## P.I.P. RELIGIOUS PARTICIPATION POINTS

POINTS	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>						
0	649	70.54	120	81.63	353	72.33	176	61.75
5	102	11.08	8	5.44	53	10.86	41	14.38
10	73	7.93	10	6.80	41	8.40	22	7.71
15	50	5.43	4	2.72	20	4.09	26	9.12
20	46	5.00	5	3.40	21	4.30	20	7.01

TABLE 13-C

## COMMUNTATION-TIME CLASSIFICATION

STATUS	TOTAL POPULATION		PAROLE DECISIONS					
	Number Inmates	Percent Inmates	SERVE ALL		PUT OFF		FAVORABLE	
			Number Inmates	Percent Inmates	Number Inmates	Percent Inmates	Number Inmates	Percent Inmates
Class I	392	42.60	55	37.41	255	52.25	82	28.77
Class II	2	.21	1	.68	1	.20	0	--
Class III	11	1.19	1	.68	10	2.04	0	--
*SAT I	54	5.86	9	6.12	19	3.89	26	9.12
SAT II	79	8.58	12	8.16	28	5.73	39	13.68
SAT III	370	40.21	69	46.93	168	34.42	133	46.66
SAT III (Construction)	12	1.30	0	--	7	1.43	5	1.75

\*SAT is State Approved Trusty.

TABLE 14-C

## NUMBER OF CONFINEMENTS IN DETENTION HOMES

ACTUAL NUMBER	TOTAL POPULATION		PAROLE DECISIONS					
	Number Inmates	Percent Inmates	SERVE ALL		PUT OFF		FAVORABLE	
			Number Inmates	Percent Inmates	Number Inmates	Percent Inmates	Number Inmates	Percent Inmates
0	718	78.04	111	75.51	366	75.00	241	84.56
1	72	7.82	14	9.52	42	8.60	16	5.61
2	36	3.91	7	4.76	21	4.30	8	2.80
3	19	2.06	2	1.36	12	2.45	5	1.75
4	13	1.41	1	.68	10	2.04	2	.70
5	11	1.19	3	2.04	4	.81	4	1.40
6	15	1.63	4	2.72	10	2.04	1	.35
7	5	.54	1	.68	2	.40	2	.70
8	4	.43	1	.68	2	.40	1	.35
9	3	.32	0	--	3	.61	0	--
10	8	.86	1	.68	5	1.02	2	.70
11 - 30	16	1.68	2	1.36	11	2.21	3	1.05

TABLE 15-C

## PRESENT EDUCATIONAL ACHIEVEMENT

ACHIEVEMENT LEVEL	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>
Illiterate	42	4.56	12	8.16	16	3.27	14	4.91
3rd grade	30	3.21	7	4.76	15	3.03	8	2.80
4th grade	74	7.99	10	6.80	42	8.54	22	7.70
5th grade	137	14.83	20	13.60	78	15.91	39	13.65
6th grade	141	15.27	22	14.96	81	16.54	38	13.30
7th grade	169	18.72	29	19.72	87	17.75	53	18.56
8th grade	125	13.52	22	14.96	64	13.04	39	13.65
9th grade	119	12.90	16	10.88	61	12.42	42	14.70
10th grade	44	4.73	7	4.76	19	3.85	18	6.30
11th grade	15	1.58	1	.68	9	1.82	5	1.75
12th grade	10	1.08	1	.68	7	1.43	2	.70
Unrecorded	14	1.51	0	--	9	1.83	5	1.75

TABLE 16-C

## PRESENT INTELLIGENCE QUOTIENT

## PAROLE DECISIONS

ACTUAL SCORE	TOTAL POPULATION		SERVE ALL		PUT OFF		FAVORABLE	
	Number Inmates	Percent Inmates	Number Inmates	Percent Inmates	Number Inmates	Percent Inmates	Number Inmates	Percent Inmates
49 or less	36	3.88	9	6.12	17	3.48	10	3.50
50 - 59	30	3.20	6	4.08	16	3.23	8	2.80
60 - 69	75	8.10	9	6.12	42	8.34	24	8.40
70 - 79	121	13.09	24	16.32	65	13.49	32	11.20
80 - 89	144	15.60	21	14.28	79	16.91	44	15.40
90 - 99	154	16.69	30	20.40	84	17.15	40	14.00
100 - 109	170	18.42	23	15.64	82	16.75	65	22.77
110 - 119	69	7.44	13	8.84	30	6.08	26	9.10
120 - 129	18	1.91	3	2.04	12	2.41	3	1.05
130 - 139	1	.10	0	--	1	.20	0	--
140 - 149	1	.10	0	--	1	.20	0	--
Unrecorded	101	10.96	9	6.12	59	12.08	33	11.57

TABLE 17-C  
SEX OF PAROLE APPLICANTS

ACTUAL NUMBER	TOTAL POPULATION		PAROLE DECISIONS					
	<u>Number Inmates</u>	<u>Percent Inmates</u>	SERVE ALL		PUT OFF		FAVORABLE	
			<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>
Male	888	96.52	41	95.91	471	96.51	276	96.84
Female	32	3.47	6	4.08	17	3.48	9	3.15

TABLE 18-C

SUSPENDED SENTENCES AS AN ADULT

ACTUAL NUMBER	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>
0	861	93.58	137	93.19	457	93.64	267	93.68
1	57	6.19	9	6.12	31	6.35	17	5.96
2	2	.21	1	.68	0	--	1	.35

TABLE 19-C

PROBATED STATE SENTENCES AS AN ADULT

ACTUAL NUMBER	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>
0	464	50.43	74	50.34	258	52.86	132	46.31
1	430	46.73	70	47.61	214	48.85	146	51.22
2	25	2.71	3	2.04	15	3.07	7	2.45
4	1	.10	0	--	1	.20	0	--

TABLE 20-C

PROBATED STATE SENTENCES AS A JUVENILE

ACTUAL NUMBER	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>
0	793	86.19	123	83.67	421	86.27	249	87.36
1	118	12.82	23	15.64	60	12.29	35	12.28
2	8	.86	1	.68	6	1.22	1	.35
9	1	.10	0	--	1	.20	0	--

TABLE 21-C

ESCAPES COMPLETED FROM TDC

ACTUAL NUMBER	TOTAL POPULATION		PAROLE DECISIONS					
	Number Inmates	Percent Inmates	SERVE ALL		PUT OFF		FAVORABLE	
			Number Inmates	Percent Inmates	Number Inmates	Percent Inmates	Number Inmates	Percent Inmates
0	910	98.91	146	99.31	481	98.56	283	99.29
1	6	.65	1	.68	4	.81	1	.35
2	2	.21	0	--	2	.40	0	--
3	1	.10	0	--	0	--	1	.35
4	1	.10	0	--	1	.20	0	--

TABLE 22-C

## ESCAPES COMPLETED FROM OTHER INSTITUTIONS

ACTUAL NUMBER	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>
0	838	91.08	129	87.75	442	90.57	267	93.68
1	58	6.30	14	9.52	31	6.35	13	4.56
2	15	1.63	3	2.04	9	1.84	3	1.05
3	3	.32	0	--	3	.61	0	--
4	3	.32	0	--	2	.40	1	.35
5	0	--	0	--	0	--	0	--
6	1	.10	0	--	1	.20	0	--
7	2	.21	1	.68	0	--	1	.35

TABLE 23-C

## DETAINEES

ACTUAL NUMBER	TOTAL POPULATION		PAROLE DECISIONS					
	Number Inmates	Percent Inmates	SERVE ALL		PUT OFF		FAVORABLE	
			Number Inmates	Percent Inmates	Number Inmates	Percent Inmates	Number Inmates	Percent Inmates
0	876	95.21	138	93.87	463	94.87	275	96.49
1	22	2.39	4	2.72	13	2.66	5	1.75
2	9	.97	3	2.04	4	.81	2	.70
3	9	.97	2	1.36	6	1.22	1	.35
4	3	.32	0	--	1	.20	2	.70
6	1	.10	0	--	1	.20	0	--

TABLE 24-C  
NUMBER OF MURDER OFFENSES

ACTUAL NUMBER	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>
0	877	95.32	139	94.55	461	94.46	277	97.19
1	41	4.45	7	4.76	27	5.53	7	2.45
2	1	.10	1	.68	0	--	0	--
4	1	.10	0	--	0	--	1	.35

TABLE 25-C  
NUMBER OF RAPE OFFENSES

ACTUAL NUMBER	TOTAL POPULATION		PAROLE DECISIONS					
	<u>Number Inmates</u>	<u>Percent Inmates</u>	SERVE ALL		PUT OFF		FAVORABLE	
			<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>
0	901	97.93	146	99.31	474	97.13	281	98.59
1	18	1.95	1	.68	13	2.66	4	1.40
2	1	.10	0	--	1	.20	0	--

TABLE 26-C  
NUMBER OF ROBBERY OFFENSES

ACTUAL NUMBER	TOTAL POPULATION		PAROLE DECISIONS					
	Number Inmates	Percent Inmates	SERVE ALL		PUT OFF		FAVORABLE	
			Number Inmates	Percent Inmates	Number Inmates	Percent Inmates	Number Inmates	Percent Inmates
0	776	84.34	137	93.19	395	80.94	244	85.61
1	108	11.73	8	5.44	72	14.73	28	9.82
2	23	2.50	1	.68	16	3.27	6	2.10
3	4	.43	0	--	3	.61	1	.35
4	3	.32	1	.68	1	.20	1	.35
5	2	.21	0	--	0	--	2	.70
6	2	.21	0	--	1	.20	1	.35
7	1	.10	0	--	0	--	1	.35
8	1	.10	0	--	0	--	1	.35

TABLE 27-C  
NUMBER OF BURGLARY OFFENSES

ACTUAL NUMBER	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>
0	570	61.95	95	64.62	294	60.24	181	63.50
1	275	29.89	47	31.97	150	30.73	78	27.36
2	47	5.10	4	2.72	30	6.14	13	4.56
3	14	1.52	1	.68	4	.81	9	3.15
4	3	.32	0	--	2	.40	1	.35
5	5	.54	0	--	3	.61	2	.70
6	2	.21	0	--	2	.40	0	--
9	1	.10	0	--	1	.20	0	--
10	1	.10	0	--	1	.20	0	--
11	2	.21	0	--	1	.20	1	.35

TABLE 28-C  
NUMBER OF DRUG OFFENSES

ACTUAL NUMBER	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>
0	795	86.41	136	92.51	418	85.65	241	84.56
1	90	9.78	10	6.80	51	10.45	29	10.17
2	27	2.93	1	.68	16	3.27	10	3.50
3	4	.43	0	--	1	.20	3	1.05
4	2	.21	0	--	2	.40	0	--
5	2	.21	0	--	0	--	2	.70

TABLE 29-C

NUMBER OF THEFT OVER \$50 OFFENSES

ACTUAL NUMBER	TOTAL POPULATION		PAROLE DECISIONS					
			SERVE ALL		PUT OFF		FAVORABLE	
	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>	<u>Number Inmates</u>	<u>Percent Inmates</u>
0	698	75.88	107	72.78	379	77.66	212	74.38
1	176	19.31	34	23.12	85	17.41	57	20.00
2	34	3.69	5	3.40	17	3.48	12	4.21
3	6	.65	0	--	2	.40	4	1.40
4	5	.54	1	.68	4	.81	0	--
5	1	.10	0	--	1	.20	0	--

A P P E N D I X D

APPENDIX D  
FACTOR ANALYSIS

In this phase the parole board's decisions were treated as variable 47. Therefore, when a factorial line shows a high correlation to variable 47, it is showing a relationship to the Parole Board's decision. Then any variable related to that factorial line is also related to that decision. The rotated factor matrix was used in all three sections of this phase.

PUT OFF VERSUS SERVE ALL

Variable #47 correlated to Factor #17 to  $r = .71$

<u>VARIABLES CORRELATING TO FACTOR #17</u>	<u>CORRELATION</u>
#15, No. of previous confinements in TDC	$r = .19$
#23, No. of escapes attempted - TDC	$r = .26$
#27, No. of years maximum sentence	$r = .20$
#28, No. of offenses committed	$r = .56$
#29, Present segregative class	$r = .30$

PUT OFF VERSUS FAVORABLE

Variable #47 correlated to Factor #8 to  $r = .32$ , and to factor #15 to  $r = .36$

<u>VARIABLES CORRELATING TO FACTOR #8</u>	<u>CORRELATION</u>
# 1, Year of birth	$r = .32$
#12, Number of confinements in jails	$r = .67$
#15, Number of previous confinements in TDC	$r = .67$
#18, Number of escapes from other institutions	$r = .40$
#25, Number of parole violations - TDC	$r = .24$
#29, Present segregative class	$r = .60$

<u>VARIABLES CORRELATING TO FACTOR #15</u>	<u>CORRELATION</u>
# 7, Number suspended sentences - adult	$r = .20$
#18, Number escapes from other institutions	$r = .20$
#37, Religious participation in TDC (P.I.P.)*	$r = .26$
#38, Personal development in TDC (P.I.P.)	$r = .50$
#40, Group counseling in TDC (P.I.P.)	$r = .67$
#45, Point Incentive Program (P.I.P.) score	$r = .20$

\*Point Incentive Program system inside TDC which evaluates inmate behavior according to a set scoring method.

FAVORABLE VERSUS SERVE ALL

Variable #47 correlated to Factor #2 to  $r = .60$ , and to Factor #5 to  $r = .29$

<u>VARIABLES CORRELATING TO FACTOR #2</u>	<u>CORRELATION</u>
# 1, Year of birth	$r = .39$
# 2, Race (white or non-white)	$r = .23$
# 5, No. of codefendants present commitment	$r = .23$
#12, No. of confinements in jails	$r = .46$
#13, No. of confinements in reformatories	$r = .27$
#15, No. of previous confinements in TDC	$r = .67$
#16, No. of confinements in other prisons	$r = .32$
#29, Present segregative class	$r = .72$

<u>VARIABLES CORRELATING TO FACTOR #5</u>	<u>CORRELATION</u>
#30, No. of times in solitary	$r = .21$
#31, Warden's recommendation	$r = .92$
#44, Negative index points (P.I.P.)*	$r = .63$
#46, Social adjustment	$r = .92$

\*It is possible to receive negative scores in the P.I.P. system.

APPENDIX E

CORRELATION TO DECISIONS

It should be remembered that variable 47 is the Parole Board's decision divided, as in the last step of the study, into serve all versus put off, put off versus favorable, and serve all versus favorable. Therefore, by looking at what variables correlate with variable 47, we are looking at what variables are correlating with the Parole Board's decisions. Only the variables correlating to variable 47 with a .05 significance or greater are listed below.

A P P E N D I X E

SERVE ALL VERSUS PUT OFF  
CORRELATION RESULTS

<u>VARIABLE NUMBER</u>	<u>CORRELATION*</u>
# 1, Year of birth	r = .09
#25, Parole violations - TDC	r = .08
#27, Years maximum sentence	r = .16
#28, Number of offenses committed	r = .11

\*Correlation with a significance of .05 for serve all versus put off is any r over .080.

SERVE ALL VERSUS FAVORABLE  
CORRELATION RESULTS

<u>VARIABLE NUMBER</u>	<u>CORRELATION*</u>
# 2, Race	r = .13
#12, Number of confinements in jails	r = .23
#13, Number of confinements in reformatories	r = .11
#15, Number of confinements in TDC	r = .26
#25, Number of parole violations - TDC	r = .10
#27, Years maximum sentence	r = .13
#29, Present segregative class	r = .27
#31, Warden's recommendation	r = .29
#46, Social adjustment	r = .29

\*Correlation with a significance of .05 for group of serve all versus favorable is any r over .096.

PUT OFF VERSUS FAVORABLE  
CORRELATION RESULTS

<u>VARIABLE NUMBER</u>	<u>CORRELATION*</u>
# 2, Race	r = .12
#12, Number of confinements in jails	r = .10
#13, Number of confinements in reformatories	r = .12
#15, Number of confinements in TDC	r = .20
#16, Number of confinements in other prisons	r = .078
#29, Present segregative class	r = .19
#30, Number of times in solitary	r = .12
#31, Warden's recommendation	r = .21
#44, Negative P.I.P. points	r = .079
#45, Positive P.I.P. index score	r = .20
#46, Social adjustment rating	r = .21

\*Correlation with a significance of a .05 for group of put off versus favorable is any r over .074.

A P P E N D I X F

APPENDIX F  
MULTIPLE LINEAR REGRESSION

The program for multiple linear regression accomplishes approximately the same function as the factor analysis and the correlation program; however, it provides information that neither of the other two provide. This program shows not only what variables are showing a relationship, but it also shows that relationship's ability to predict the decision from the variables. This ability to predict from the variables is called the coefficient of determination and shall be presented with each set of variables. Once again, only variables of .05 significance or better will be shown.

SERVE ALL VERSUS PUT OFF  
MULTIPLE LINEAR REGRESSION

Coefficient of Determination .12926

<u>VARIABLE NUMBER</u>	<u>PROBABILITY</u>
# 1, Year of birth	.002
#25, Parole violations - TDC	.0004
#27, Years maximum sentence	.0001

\*Probability is the same as significance; only probabilities of .05 or greater are shown.

PUT OFF VERSUS FAVORABLE  
MULTIPLE LINEAR REGRESSION

Coefficient of Determination .17295

<u>VARIABLE NUMBER</u>	<u>PROBABILITY</u>
# 1, Year of birth	.005
# 2, Race	.001
#15, Number of confinements in TDC	.001

SERVE ALL VERSUS FAVORABLE  
MULTIPLE LINEAR REGRESSION

Coefficient of Determination .32222

<u>VARIABLE NUMBER</u>	<u>PROBABILITY</u>
# 2, Race	.003
#12, Number of confinements in jail	.002
#15, Number of confinements in TDC	.012
#25, Parole violations - TDC	.006
#27, Years maximum sentence	.002
#30, Number of confinements in solitary	.0001