

# Ottawa County



## Addiction Program Therapy (APT) Evaluation

PLANNING & GRANTS DEPARTMENT  
NOVEMBER 12, 2002



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## EXECUTIVE SUMMARY

This evaluation provides information about the Ottawa County Addiction Program Therapy (APT) Program that will assist in determining its effectiveness and efficiency. The primary program factors analyzed include, but are not limited to, program administration, recidivism, and cost.

All of the data utilized for this study is associated with program participants that were enrolled in the APT between November 1999 and December 2001. The data is compiled in tables and charts based on demographics, enrollment, completion, and recidivism. An overview is provided in the following highlights:

- The number of program participants was 414.
- The mean age of those participating in the program was 30.0; the range of ages was between 17 and 71.
- Males accounted for 76.3% of the program participants and females accounted for 23.7%.
- Whites represented 74.4% of the participants, Blacks represented 10.9%; and Hispanics represented 13.5%.
- 26.1% of those enrolled in the program were not residents of Ottawa County.
- 29.0% of the offenses occurred in the City of Holland and 21.5% were in Holland Township.
- 51.0% of all program participants were sentenced to APT and 49.0% volunteered.
- Of the 209 individuals sentenced to the program, 123 were sentenced by District Court and 86 by Circuit Court.
- In 1999, 5.3% of the participants were sentenced to the program; by 2001, 75.8% of the participants were being sentenced to the program.
- 40.5% of male participants volunteered to participate in the program; 76.5% of females volunteered.
- Only 50.2% (208) of those completing the in-jail (Phase I) portion or the program enrolled in the post-jail (Phase II & III) program.
- 85.7% of participants received less than 21 days of in-jail treatment.
- 40.7% of participants had an interval of 21 days or greater between Phase I and Phase II/III treatment programs.
- 20.1% (72) of all participants completed the entire program (Phase I, Phase II & III).
- 51% (211) of all participants had recidivated by March 15, 2002.
- 36.1% (26) of the 72 participants completing the program recidivated by March 15, 2002.
- The total cost of the APT program from November 1999 through December 2001 (26 months) was \$542,845.69.
- The average cost per individual participating in the program was \$1,311.22; the average cost per individual completing the program was \$7,539.52.

The data from this evaluation has revealed several issues of concern with the organization and administration of the APT Program. The evaluation shows that improvements must occur in the enrollment process, completion rate, time interval between treatment phases, and overall administration to ensure that program effectiveness is proven, and that the most is being made of taxpayer dollars.

## INTRODUCTION

West Michigan Therapy (WMT) was hired in September 1999 by Ottawa County to provide treatment for substance abusing jail inmates in an attempt to eliminate substance addiction and the resulting propensity to recidivate (i.e. any new criminal conviction or probation violation committed after release from jail.). The treatment program was named Addiction Program Therapy (APT).

The program proposal outlines three phases of treatment. West Michigan Therapy is responsible for the implementation of Phase I (in-jail program). Phase I is designed to provide twenty-one days of treatment for twenty inmates (12 male/8 female). Child & Family Services is responsible for the implementation of Phases II and III (post-jail program). Phase II (post jail) is designed to provide twenty intensive treatment sessions for individuals. Phase III (post jail) is designed to provide ninety days of follow-up programming for individuals. The existing program in place today has Phase II and Phase III combined into a single, post jail treatment curriculum.

The primary evaluation measure for this program is the actual reduction in recidivism that occurred for APT participants. Additional analytical data is provided for demographics, program enrollment, treatment intervals, completion rates<sup>1</sup>, recidivism, cost, and administrative methodologies. All of the program data collected for this study is from November 1999 through December 2001. The recidivism data used in this study is from November 1999 through March 15, 2002.

The statistical data was obtained from the following entities: West Michigan Therapy; Child & Family Services; Ottawa County's Criminal Justice System Database; and Ottawa County Probation and Parole records (Attachment A).

The data in the remaining portion of the report is compiled into tables and charts to provide a simple, yet in-depth, method of reviewing the data findings. This data can be used to draw clear conclusions regarding the effectiveness and efficiency of the program.

<sup>1</sup> Child & Family Services developed their own rating system for participants in the post-jail portion of the APT Program that classified them as "successful" or "unsuccessful". The rating system uses participation and other performance factors in the classification process. Child & Family Services defines a "successful" classification as a "program completion".

# **Descriptive Statistical Analysis**

## **Demographics**

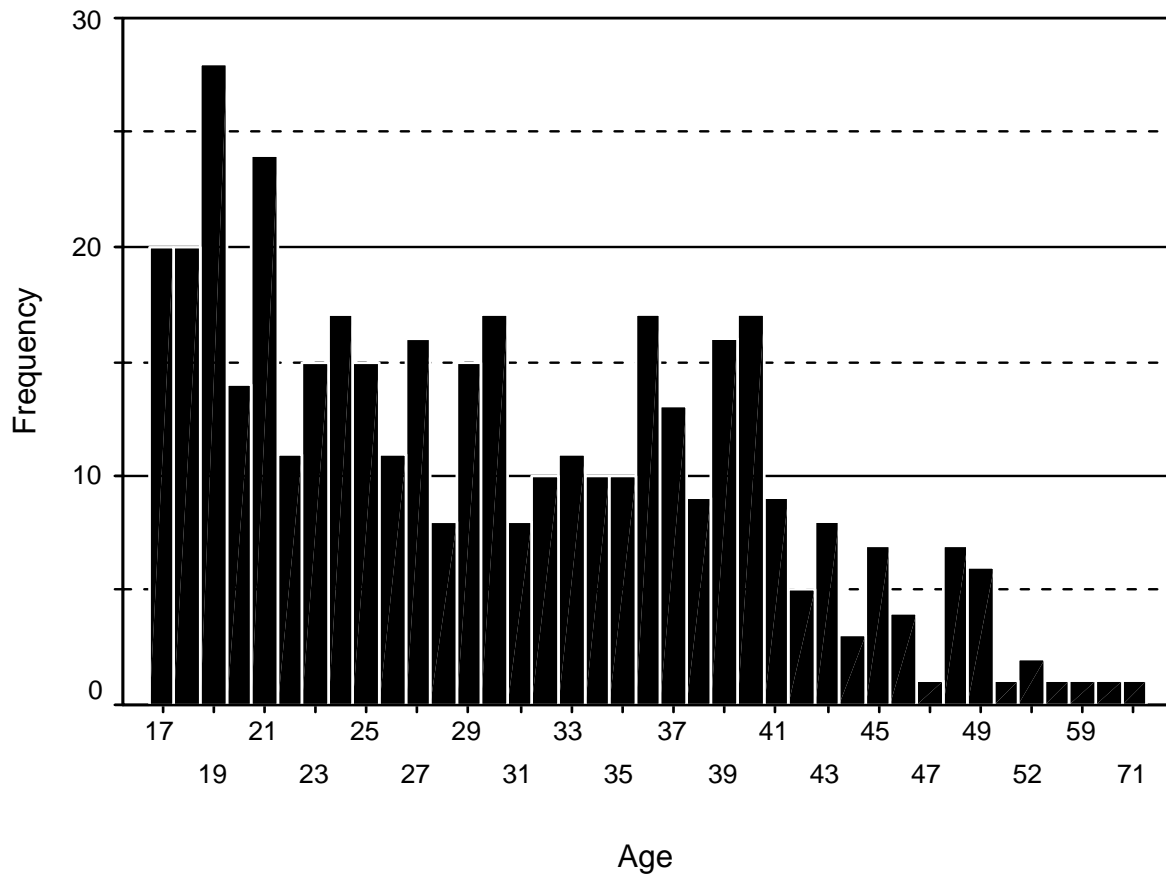
**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Demographics**

**Age**

<b>Age Category</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Percent</b>
<b>17-20</b>	82	19.8%	19.8%
<b>21-30</b>	149	36.0%	55.8%
<b>31-40</b>	121	29.2%	85.0%
<b>41-50</b>	51	12.3%	97.3%
<b>51+</b>	6	1.4%	98.8%
<b>None Recorded</b>	5	1.2%	100.0%
<b>Total</b>	414	100.0%	

Participant ages range from 17 to 71 years. The mean age is 30 years. The mode age is 19 years.

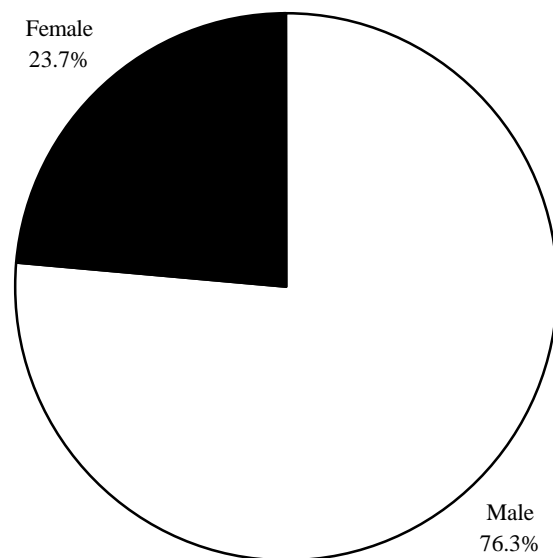


# DESCRIPTIVE STATISTICAL ANALYSIS

## Section: Demographics

### Gender

Gender	Frequency	Percent
Male	316	76.3%
Female	98	23.7%
Total	414	100.0%



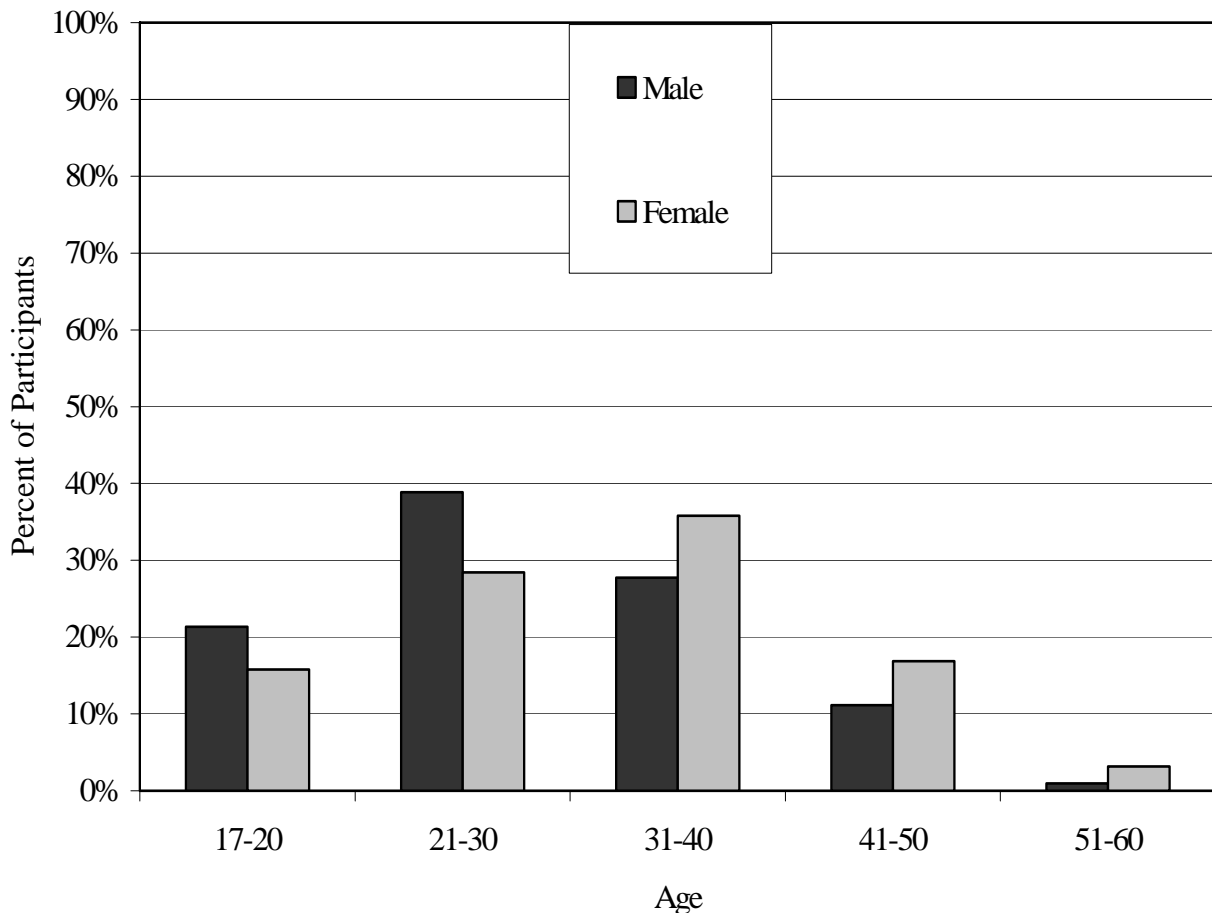
**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Demographics**

**Gender By Age Category**

Age Category	Gender				Total
	Male		Female		
	Frequency	Percent	Frequency	Percent	
<b>17-20</b>	67	21.3%	15	15.8%	82
<b>21-30</b>	122	38.9%	27	28.4%	149
<b>31-40</b>	87	27.7%	34	35.8%	121
<b>41-50</b>	35	11.1%	16	16.8%	51
<b>51-60</b>	3	1.0%	3	3.2%	6
<b>Total</b>	314	100.0%	95	100.0%	409*

\* This table does not include 5 participants that did not have age data reported.



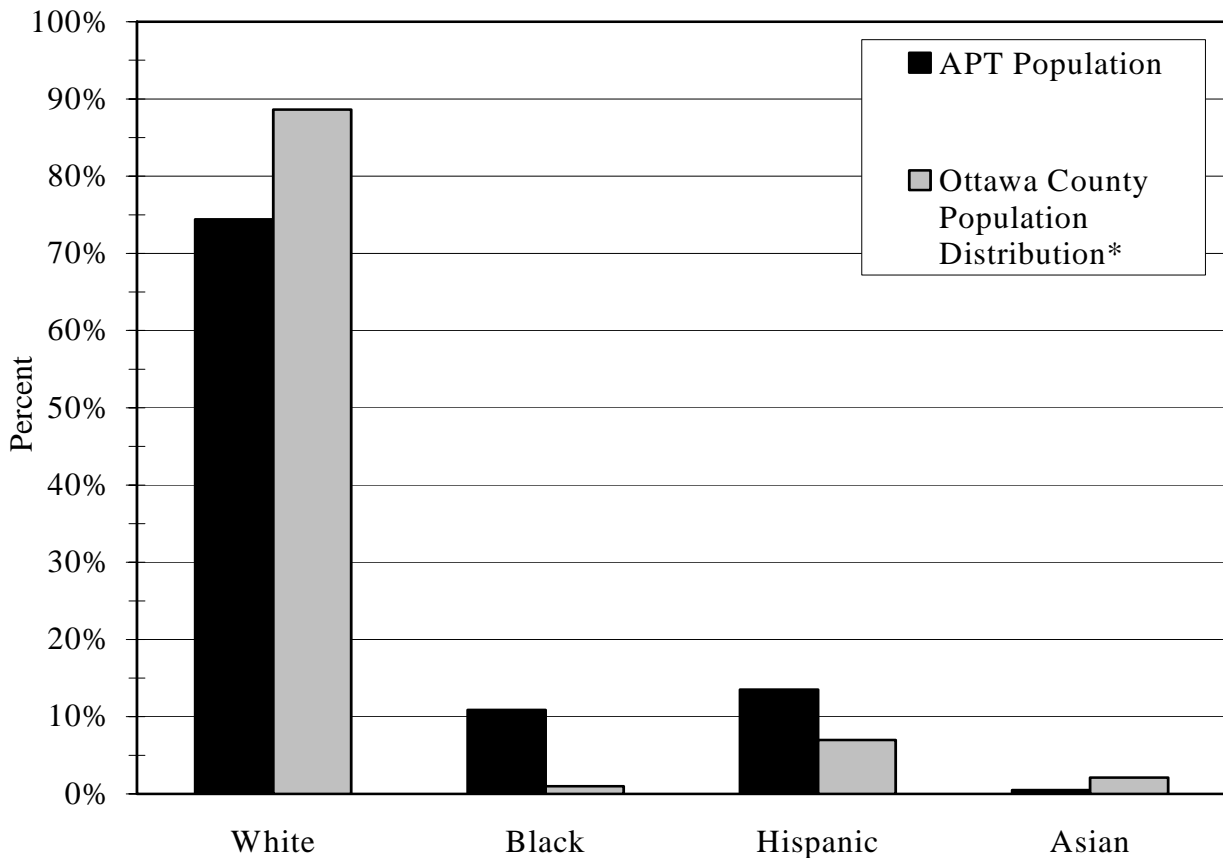
**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Demographics**

**Race/Ethnicity**

<b>Race/Ethnicity</b>	<b>Frequency</b>	<b>Percent</b>	<b>Ottawa County Population Distribution*</b>
<b>White</b>	308	74.4%	88.6%
<b>Black</b>	45	10.9%	1.0%
<b>Hispanic</b>	56	13.5%	7.0%
<b>Asian</b>	2	0.5%	2.1%
<b>None Recorded</b>	3	0.7%	1.3%
<b>Total</b>	414	100.0%	100.0%

\* Source: US Census Bureau, 2000 Census

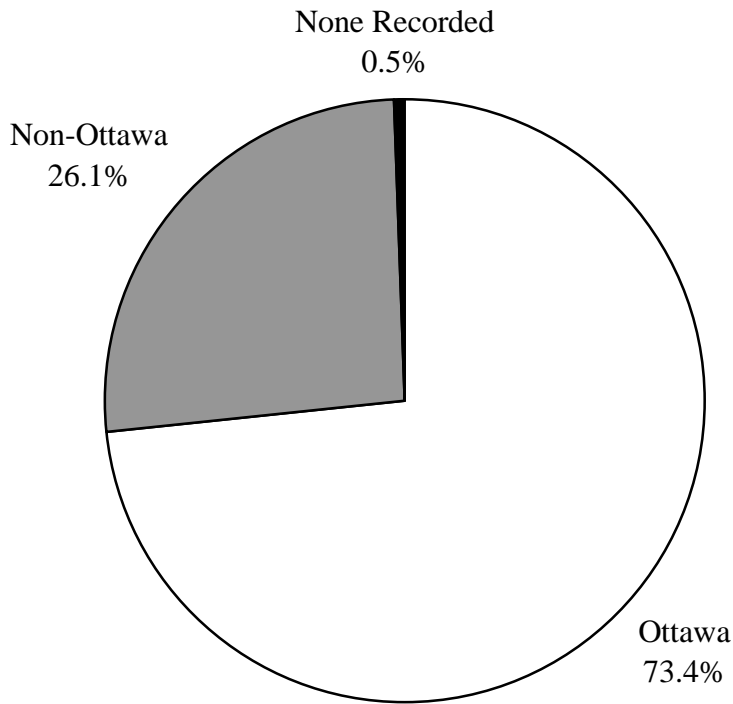


**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Demographics**

**Residency**

<b>County of Residence</b>	<b>Frequency</b>	<b>Percent</b>
<b>Ottawa</b>	304	73.4%
<b>Non-Ottawa</b>	108	26.1%
<b>None Recorded</b>	2	0.5%
<b>Total</b>	414	100.0%



## DESCRIPTIVE STATISTICAL ANALYSIS

### Section: Demographics

#### Incident Location

<b>Location</b>	<b>Frequency</b>	<b>Percent</b>	<b>% of Ottawa County Population*</b>	<b>% Difference</b>
Coopersville	8	1.9%	1.6%	0.3%
Ferrysburg	7	1.7%	1.2%	0.5%
Grand Haven	43	10.4%	4.7%	5.7%
Holland	120	29.0%	11.6%	17.4%
Hudsonville	7	1.7%	3.0%	-1.3%
Zeeland	10	2.4%	2.4%	0.0%
Spring Lake Village	13	3.1%	1.0%	2.1%
Allendale Township	7	1.7%	5.4%	-3.7%
Blendon Township	2	0.5%	2.4%	-1.9%
Chester Township	0	0.0%	1.0%	-1.0%
Crockery Township	5	1.2%	1.6%	-0.4%
Georgetown Township	8	1.9%	17.4%	-15.5%
Grand Haven Township	22	5.3%	5.5%	-0.2%
Holland Township	89	21.5%	12.1%	9.4%
Jamestown Township	1	0.2%	2.1%	-1.9%
Olive Township	7	1.7%	1.9%	-0.2%
Park Township	8	1.9%	7.3%	-5.4%
Polkton Township	4	1.0%	1.0%	0.0%
Port Sheldon Township	3	0.7%	1.8%	-1.1%
Robinson Township	5	1.2%	2.3%	-1.1%
Spring Lake Township	19	4.6%	5.5%	-0.9%
Tallmadge Township	5	1.2%	2.8%	-1.6%
Wright Township	5	1.2%	1.3%	-0.1%
Zeeland Township	7	1.7%	3.1%	-1.4%
None Recorded	9	2.2%	0.0%	
<b>Total</b>	414	100.0%	100.0%	

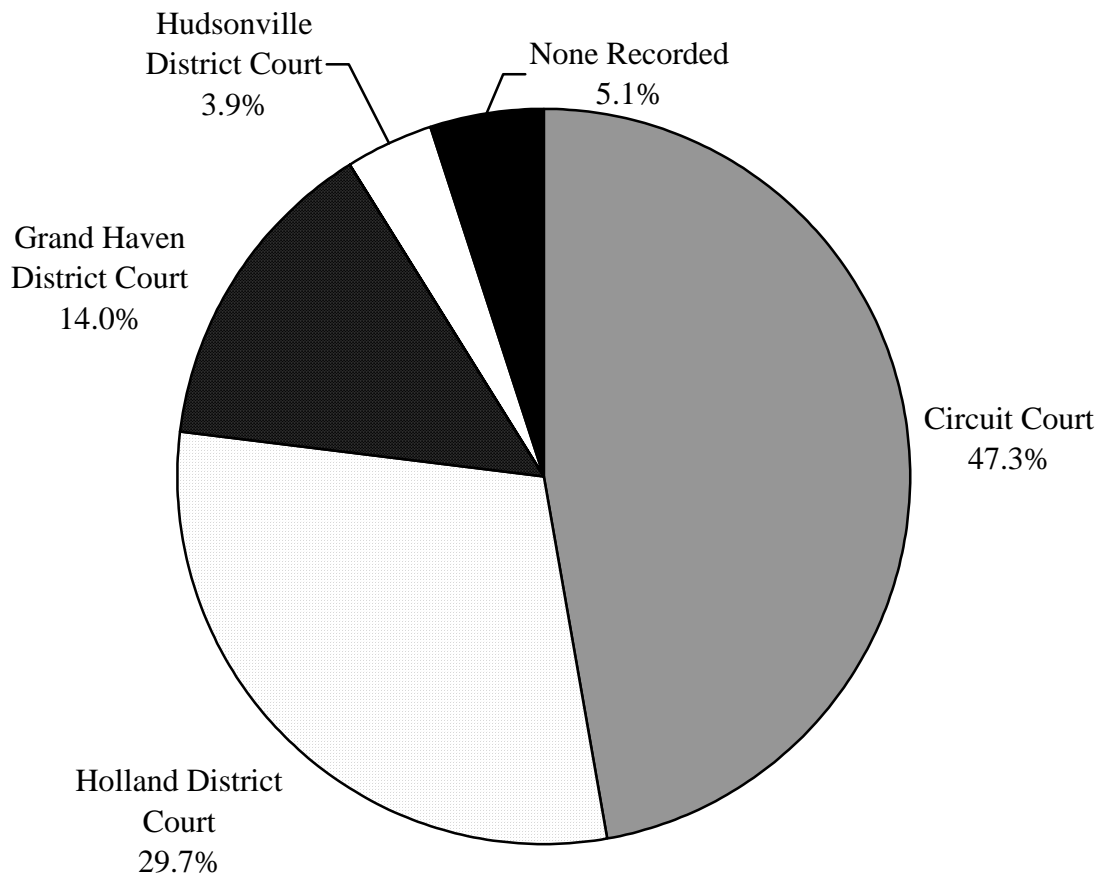
\* Source: US Census Bureau, 2000 Census

**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Demographics**

**Sentencing Court**

<b>Court</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Percent</b>
<b>Holland District Court</b>	123	29.7%	29.7%
<b>Grand Haven District Court</b>	58	14.0%	43.7%
<b>Hudsonville District Court</b>	16	3.9%	47.6%
<b>Circuit Court</b>	196	47.3%	94.9%
<b>None Recorded</b>	21	5.1%	100.0%
<b>Total</b>	414	100.0%	



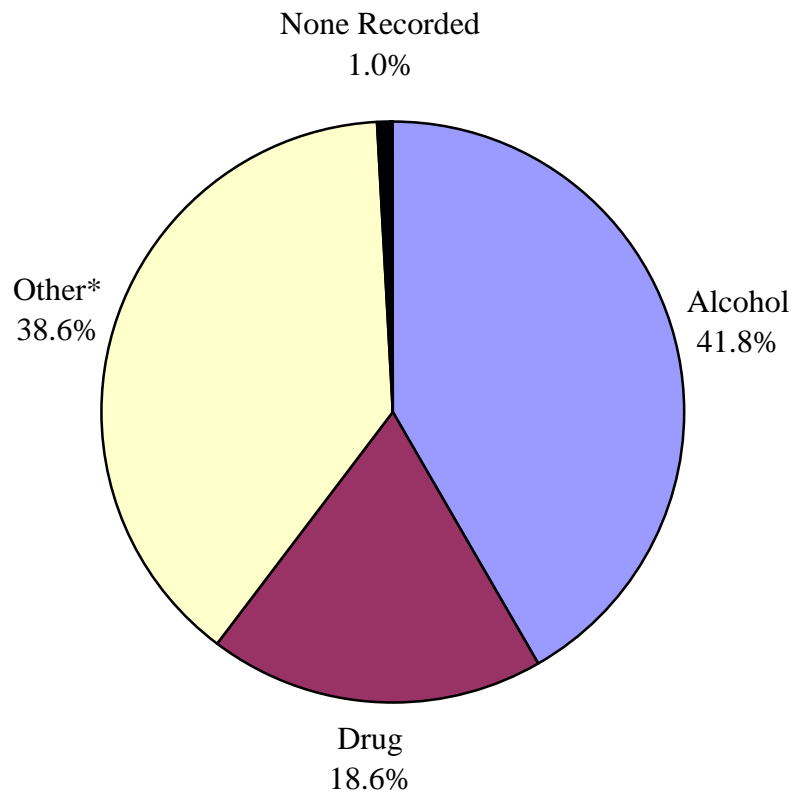
# DESCRIPTIVE STATISTICAL ANALYSIS

## Section: Demographics

### Conviction Type

Conviction	Frequency	Percent
Alcohol	173	41.8%
Drug	77	18.6%
Other*	160	38.6%
None Recorded	4	1.0%
<b>Total</b>	<b>414</b>	<b>100.0%</b>

\* It is not definitively known how many of these cases involve substance abuse.



**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Demographics**

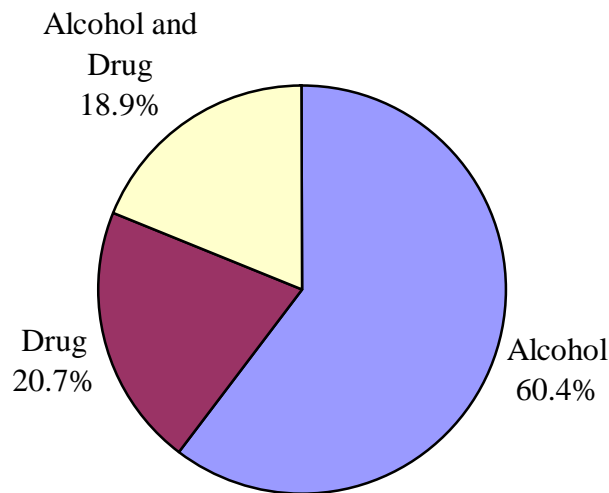
**Substance Addiction**

<b>Substance Type*</b>	<b>Frequency</b>	<b>Percent</b>	<b>%Reported</b>
<b>Alcohol</b>	134	32.4%	60.4%
<b>Drug **</b>	46	11.1%	20.7%
<b>Alcohol and Drug</b>	42	10.1%	18.9%
<b>None Recorded***</b>	192	46.4%	
<b>Total</b>	414	100.0%	100.0%

\* All responses are self-reported.

\*\* For specific drug use, see table below.

\*\*\* It is not definitively known if these cases involved a substance abuse problem.



<b>**Type of Drug Use</b>		
<b>Substance Type</b>	<b>Frequency</b>	<b>Percent Reported*</b>
Cannibas/Marijuana	21	9.4%
Cocaine	18	8.1%
Hallucinogens	1	0.5%
Polydrug**	6	2.7%
<b>Total</b>	46	20.7%

\* Percent of 222 cases reporting type of substance addiction.

\*\*Polydrug indicates multiple drug usage without a dominant drug of choice.

**DESCRIPTIVE STATISTICAL ANALYSIS**

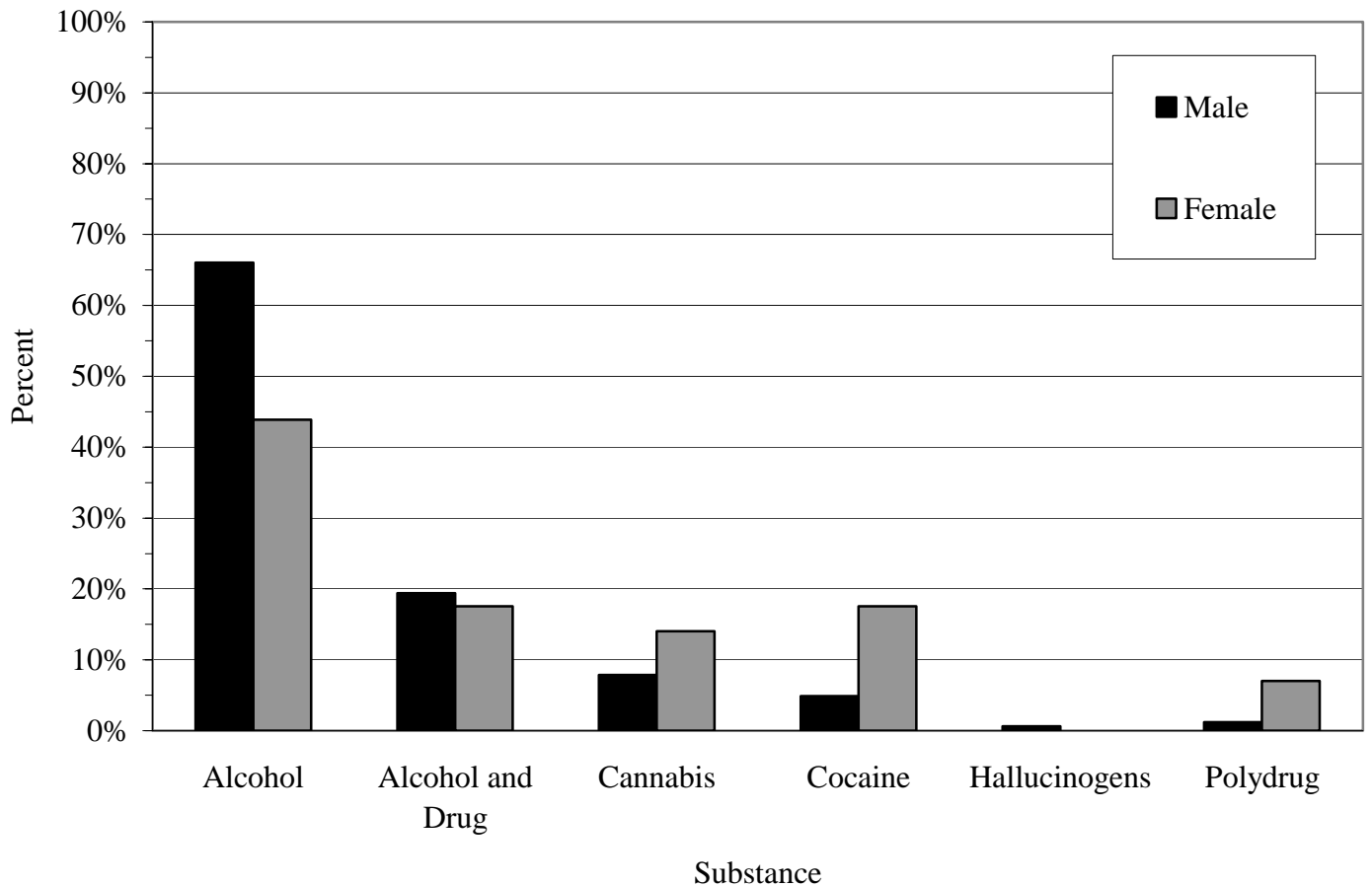
**Section: Demographics**

**Addiction By Gender**

Substance Type	Gender				Total
	Male		Female		
	Frequency	Percent	Frequency	Percent	
Alcohol	109	66.1%	25	43.9%	134
Alcohol and Drug	32	19.4%	10	17.5%	42
Cannabis	13	7.9%	8	14.0%	21
Cocaine	8	4.8%	10	17.5%	18
Hallucinogens	1	0.6%	0	0.0%	1
Polydrug**	2	1.2%	4	7.0%	6
<b>Total</b>	<b>165</b>	<b>100.0%</b>	<b>57</b>	<b>100.0%</b>	<b>222*</b>

\* 192 cases did not have substance abuse reported.

\*\*Polydrug indicates multiple drug usage without a dominant drug of choice.



# DESCRIPTIVE STATISTICAL ANALYSIS

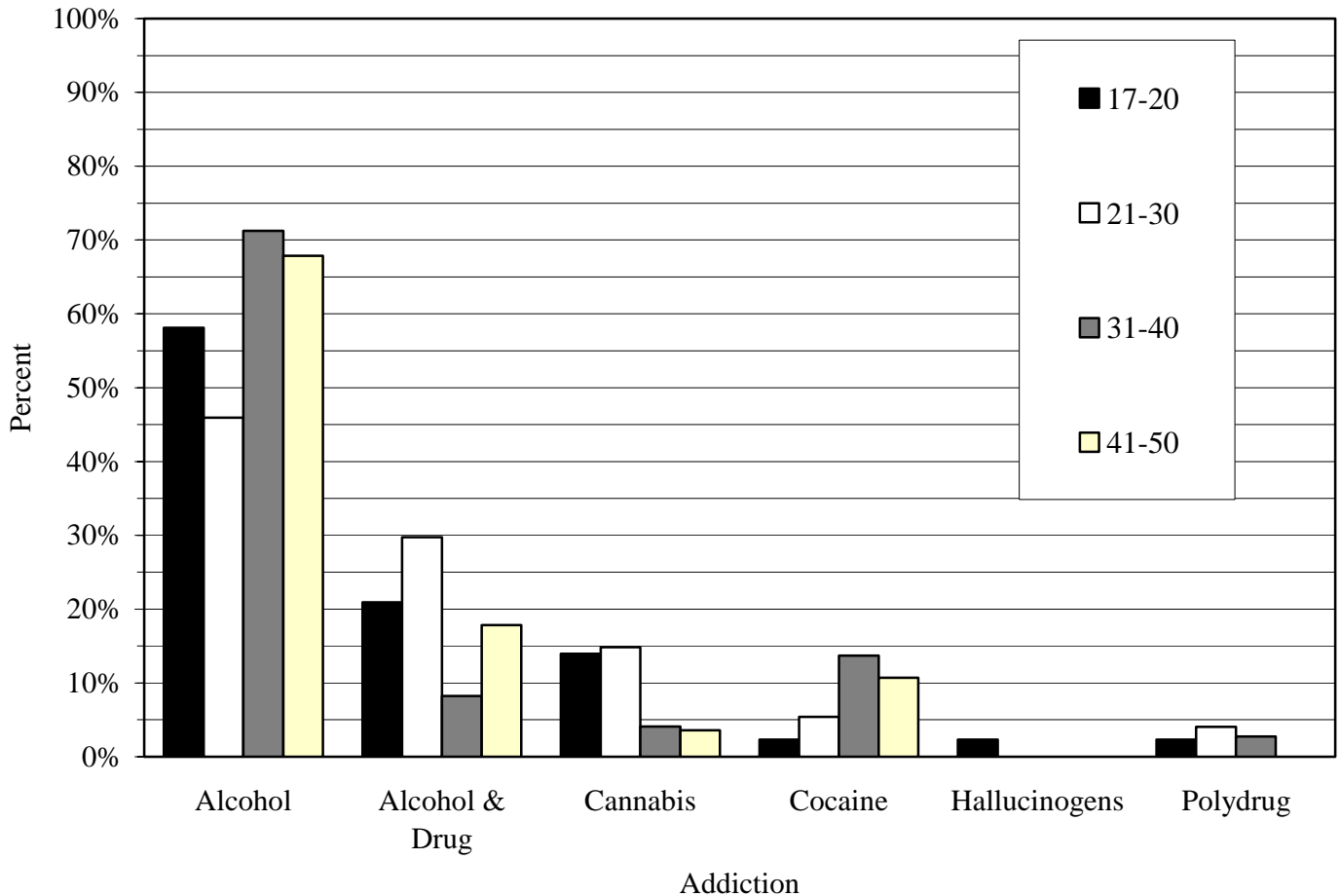
## Section: Demographics

### Addiction By Age

Substance Type	Age										Total
	17-20		21-30		31-40		41-50		51+		
	Frequency	Percent	Frequency	Percent	Frequency	Percent	Frequency	Percent	Frequency	Percent	
<b>Alcohol</b>	25	58.1%	34	45.9%	52	71.2%	19	67.9%	4	100%	134
<b>Alcohol &amp; Drug</b>	9	20.9%	22	29.7%	6	8.2%	5	17.9%	0	0%	42
<b>Cannabis</b>	6	14.0%	11	14.9%	3	4.1%	1	3.6%	0	0%	21
<b>Cocaine</b>	1	2.3%	4	5.4%	10	13.7%	3	10.7%	0	0%	18
<b>Hallucinogens</b>	1	2.3%	0	0.0%	0	0.0%	0	0.0%	0	0%	1
<b>Polydrug**</b>	1	2.3%	3	4.1%	2	2.7%	0	0.0%	0	0%	6
<b>Total</b>	43	100%	74	100%	73	100%	28	100%	4	100%	222*

\* 192 cases did not have substance abuse reported.

\*\*Polydrug indicates multiple drug usage without a dominant drug of choice.



# DESCRIPTIVE STATISTICAL ANALYSIS

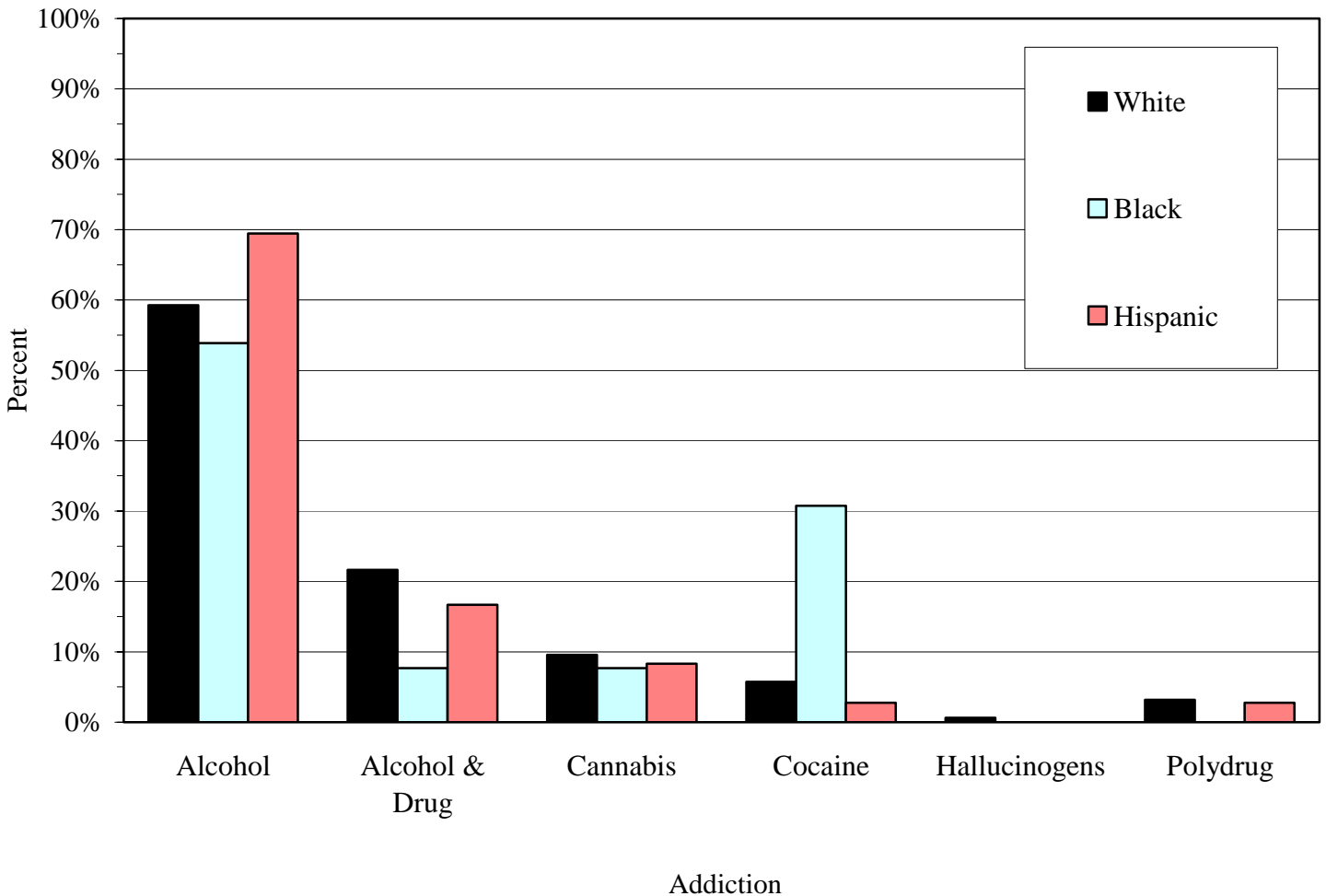
## Section: Demographics

### Addiction By Race/Ethnicity

Substance Type	Race/Ethnicity										Total
	White		Black		Hispanic		Asian		None Recorded		
	Frequency	Percent	Frequency	Percent	Frequency	Percent	Frequency	Percent	Frequency	Percent	
<b>Alcohol</b>	93	59.2%	14	53.8%	25	69.4%	1	100.0%	1	50.0%	134
<b>Alcohol &amp; Drug</b>	34	21.7%	2	7.7%	6	16.7%	0	0.0%	0	0.0%	42
<b>Cannabis</b>	15	9.6%	2	7.7%	3	8.3%	0	0.0%	1	50.0%	21
<b>Cocaine</b>	9	5.7%	8	30.8%	1	2.8%	0	0.0%	0	0.0%	18
<b>Hallucinogens</b>	1	0.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1
<b>Polydrug**</b>	5	3.2%	0	0.0%	1	2.8%	0	0.0%	0	0.0%	6
<b>Total</b>	157	100.0%	26	100.0%	36	100.0%	1	100.0%	2	100.0%	222*

\* It is not definitively known how many of the 192 cases not included in this table involve substance abuse.

\*\*Polydrug indicates multiple drug usage without a dominant drug of choice.



# **Descriptive Statistical Analysis**

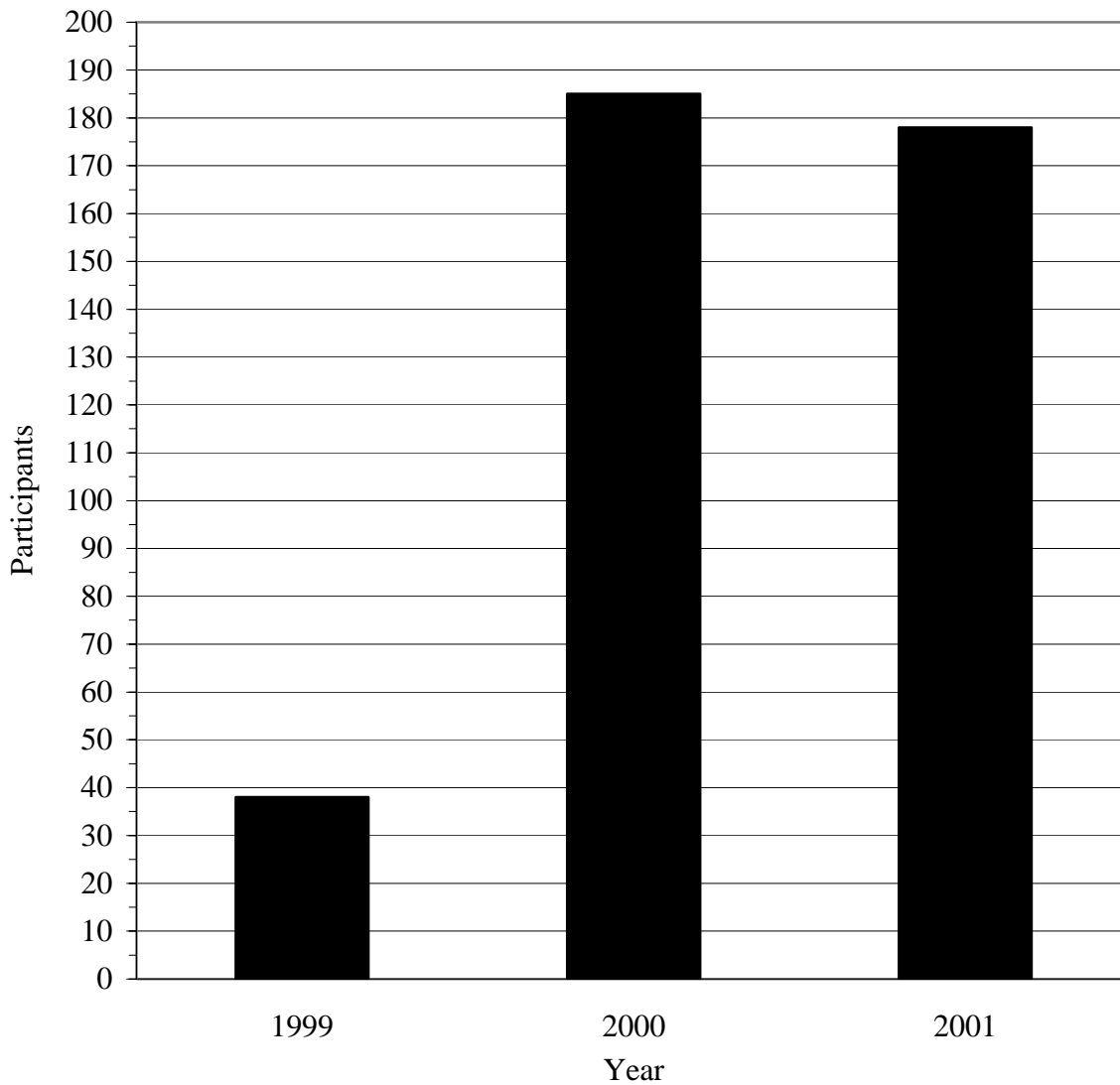
## **Enrollment**

# DESCRIPTIVE STATISTICAL ANALYSIS

## Section: Enrollment

### Enrollment by Year – Phase I

Phase I		
Year	Frequency	Percent
1999	38	9.2%
2000	185	44.7%
2001	178	43.0%
None Recorded	13	3.1%
<b>Total</b>	414	100.0%



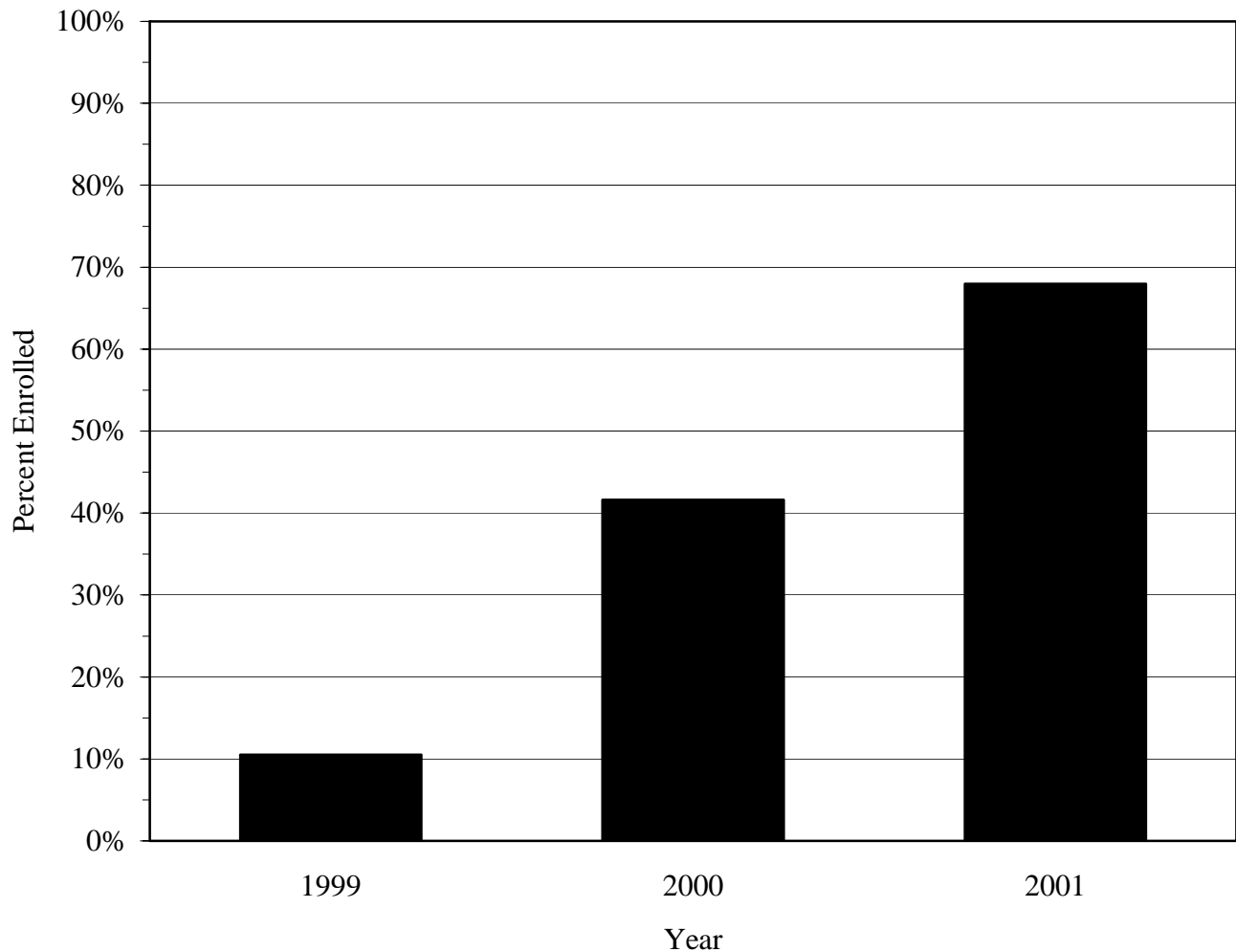
**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Enrollment**

**Enrollment By Year – Phase II & III**

Year	Enrolled in Phase II & III				Total	
	Yes		No			
	Frequency	Percent	Frequency	Percent	Frequency	Percent
<b>1999</b>	4	10.5%	34	89.5%	38	100.0%
<b>2000</b>	77	41.6%	108	58.4%	185	100.0%
<b>2001</b>	121	68.0%	57	32.0%	178	100.0%
<b>Total</b>	202		199		401*	

\* 13 cases are not reported due to missing age or enrollment year data.



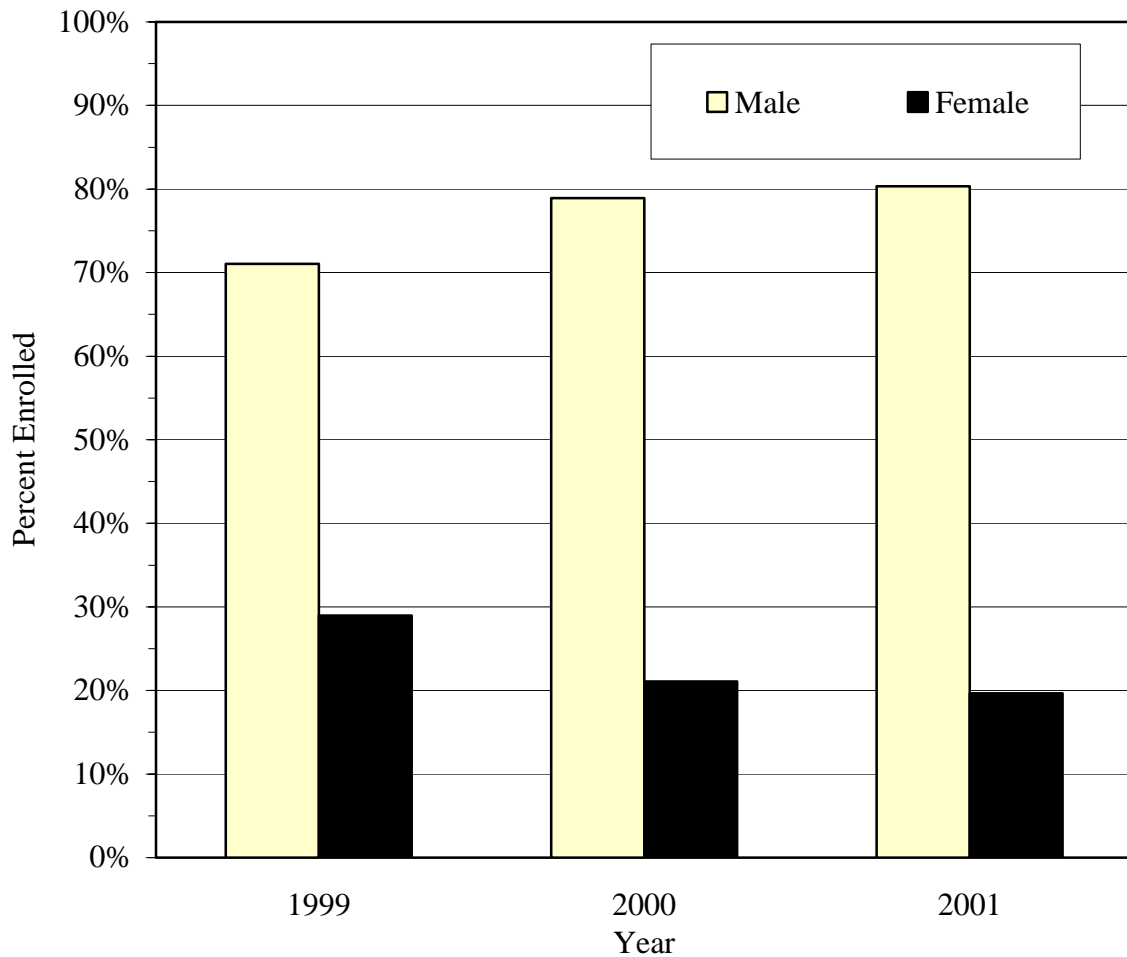
**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Enrollment**

**Gender by Enrollment Year**

Year	Gender				Total	
	Male		Female		Frequency	Percent
	Frequency	Percent	Frequency	Percent		
<b>1999</b>	27	71.1%	11	28.9%	38	100.0%
<b>2000</b>	146	78.9%	39	21.1%	185	100.0%
<b>2001</b>	143	80.3%	35	19.7%	178	100.0%
<b>Total</b>	316		85		401	

\* 13 cases that did not have enrollment year reported.



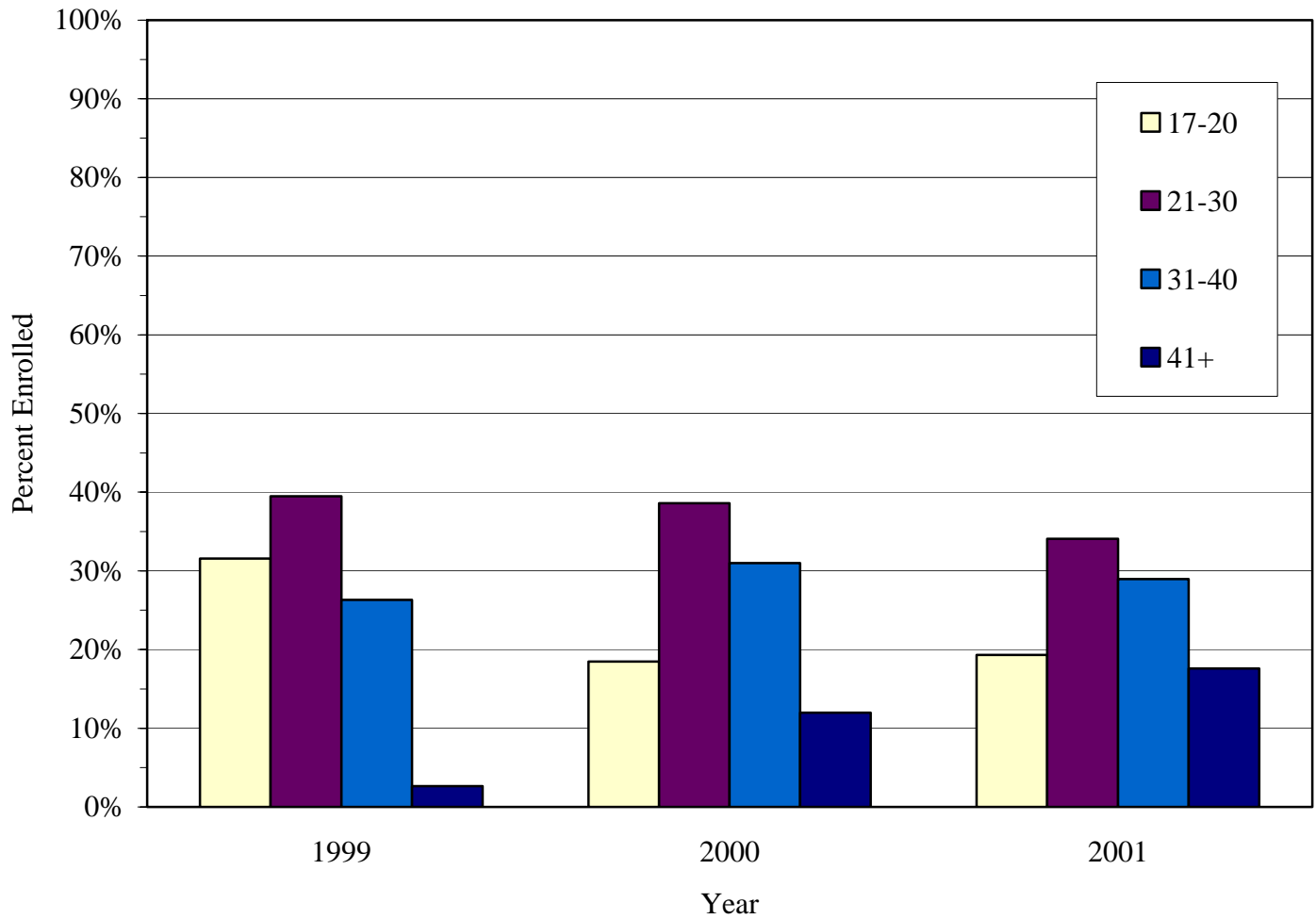
# DESCRIPTIVE STATISTICAL ANALYSIS

## Section: Enrollment

### Age by Enrollment Year

Year	Age								Total	
	17-20		21-30		31-40		41+			
	Frequency	Percent	Frequency	Percent	Frequency	Percent	Frequency	Percent	Frequency	Percent
1999	12	31.6%	15	39.5%	10	26.3%	1	2.6%	38	100%
2000	34	18.5%	71	38.6%	57	31.0%	22	12.0%	184	100%
2001	34	19.3%	60	34.1%	51	29.0%	31	17.6%	176	100%
<b>Total</b>	80		146		118		54		398*	

\* 16 cases did not have age or enrollment year data recorded.



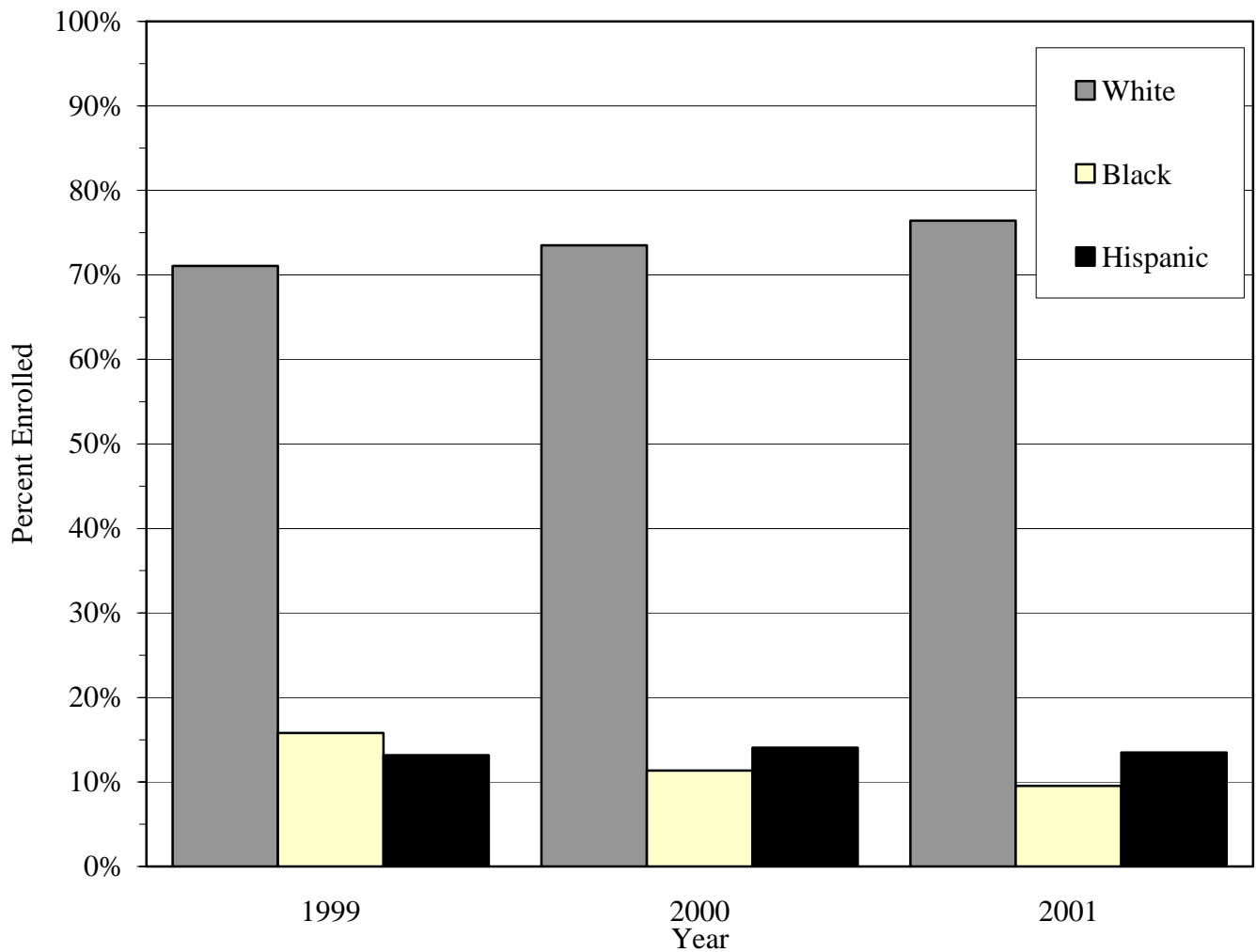
**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Enrollment**

**Race/Ethnicity by Enrollment Year**

Year	Race/Ethnicity										Total	
	White		Black		Hispanic		Asian		None Recorded			
	Frequency	Percent	Frequency	Percent	Frequency	Percent	Frequency	Percent	Frequency	Percent	Frequency	Percent
<b>1999</b>	27	71.1%	6	15.8%	5	13.2%	0	0.0%	0	0.0%	38	100.0%
<b>2000</b>	136	73.5%	21	11.4%	26	14.1%	0	0.0%	2	1.1%	185	100.0%
<b>2001</b>	136	76.4%	17	9.6%	24	13.5%	1	0.6%	0	0.0%	178	100.0%
<b>Total</b>	299		44		55		1		2		401*	

\* 13 cases are not reported due to missing enrollment year data.



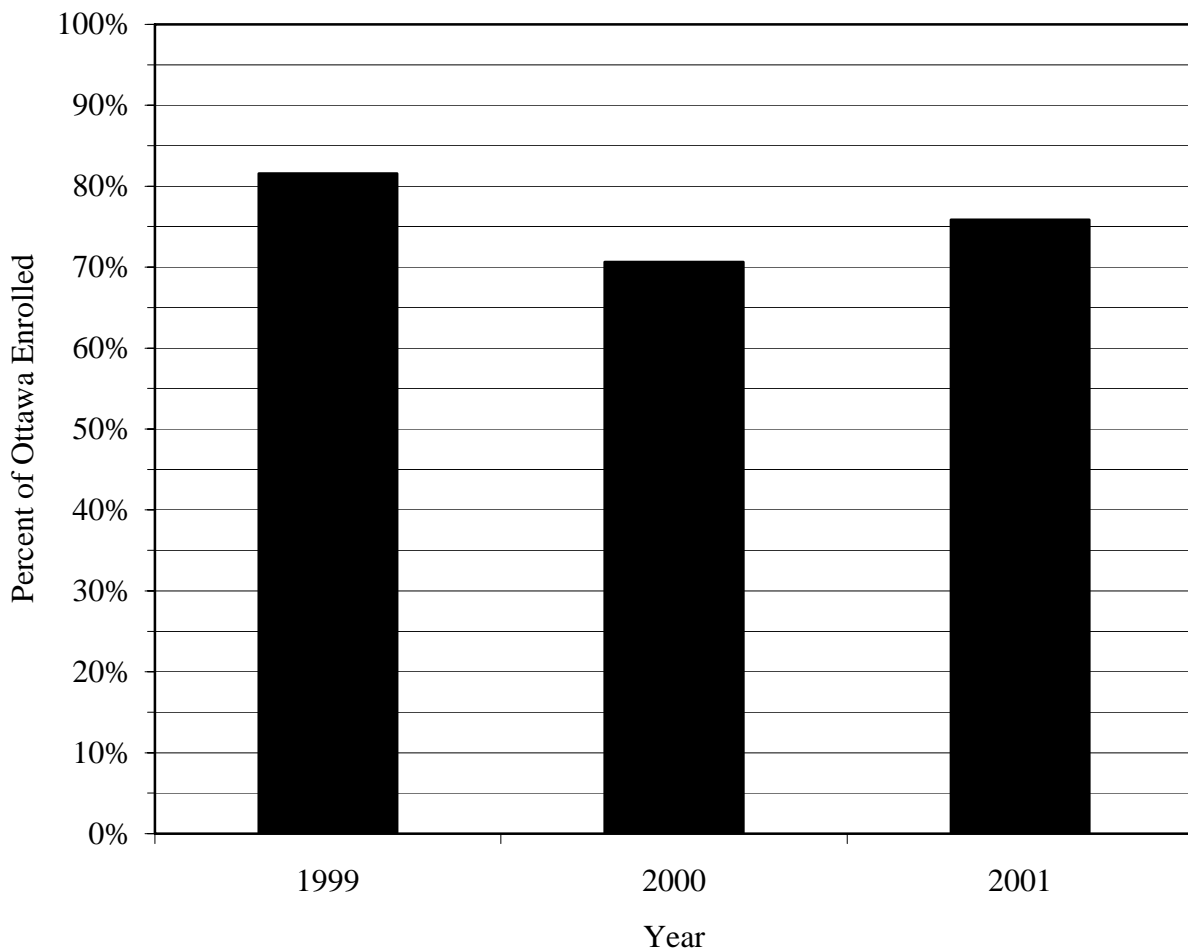
# DESCRIPTIVE STATISTICAL ANALYSIS

## Section: Enrollment

### Residency by Enrollment Year

Year	County of Residence				Total	
	Ottawa		Non-Ottawa			
	Frequency	Percent	Frequency	Percent	Frequency	Percent
1999	31	81.6%	7	18.4%	38	100.0%
2000	130	70.7%	54	29.3%	184	100.0%
2001	135	75.8%	43	24.2%	178	100.0%
<b>Total</b>	296		104		400*	

\* 14 cases did not have residence location or year of enrollment recorded.

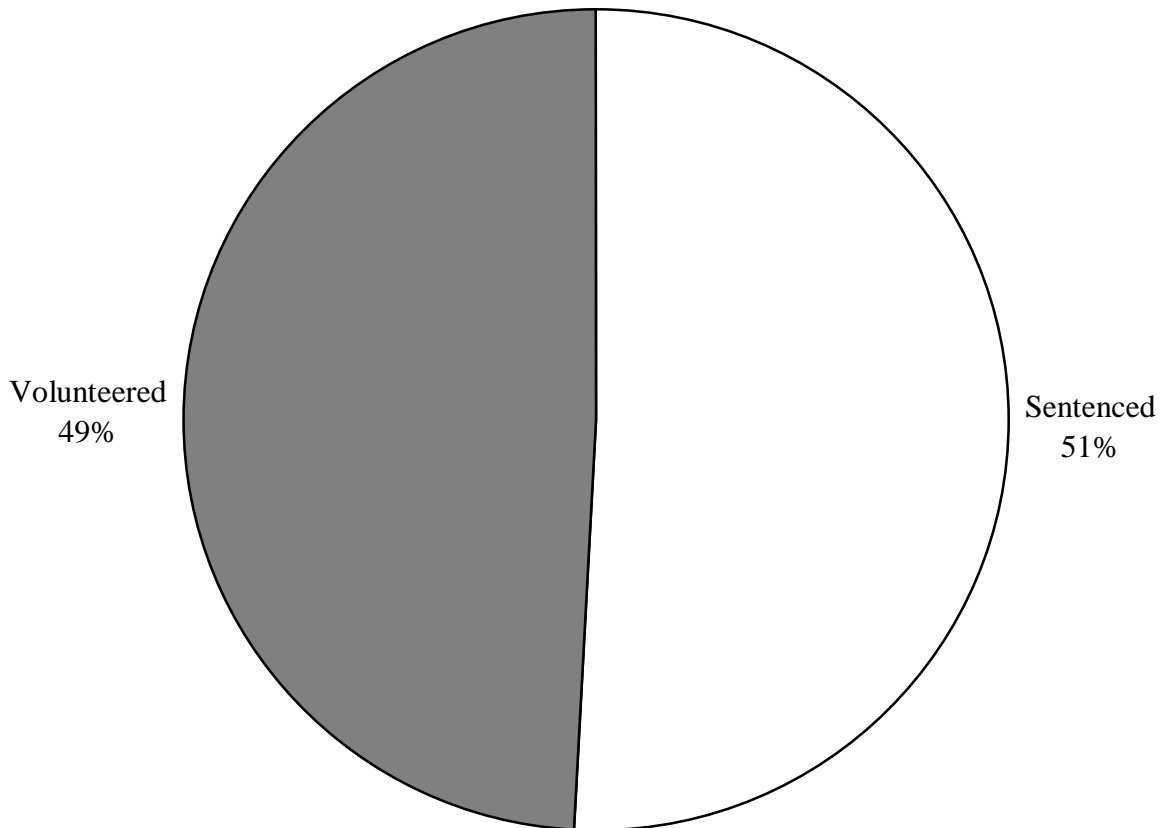


**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Enrollment**

**Total Participants Sentenced/Volunteered**

	<b>Frequency</b>	<b>Percent</b>
<b>Sentenced</b>	211	51.0%
<b>Volunteered</b>	203	49.0%
<b>Total</b>	414	100.0%



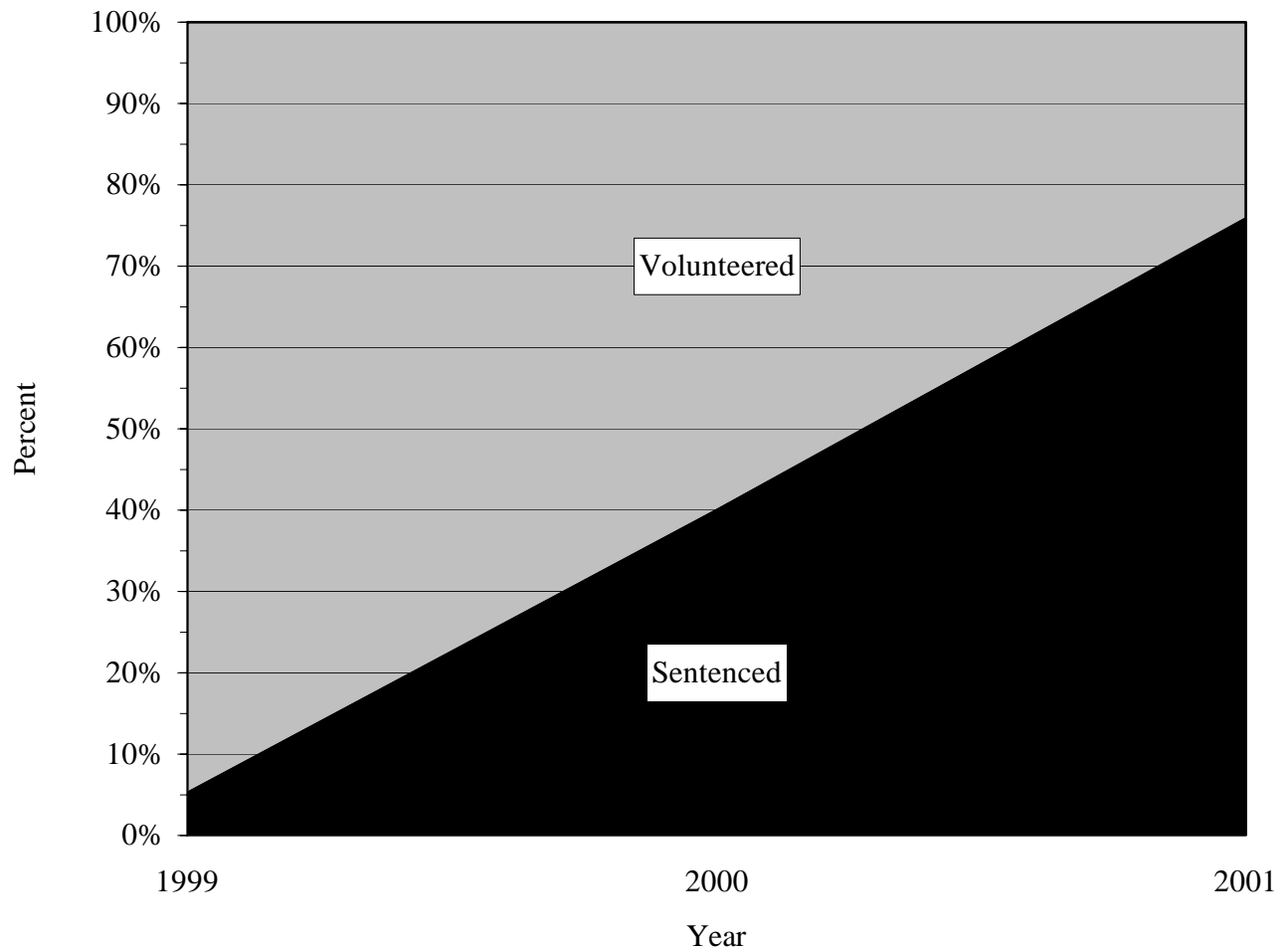
**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Enrollment**

**Sentenced/Volunteered by Enrollment Year**

Year	Sentenced		Volunteered		Total	
	Frequency	Percent	Frequency	Percent	Frequency	Percent
1999	2	5.3%	36	94.7%	38	100.0%
2000	74	40.0%	111	60.0%	185	100.0%
2001	135	75.8%	43	24.2%	178	100.0%
<b>Total</b>	211		190		401*	

\* 13 cases are not reported due to missing enrollment year data.

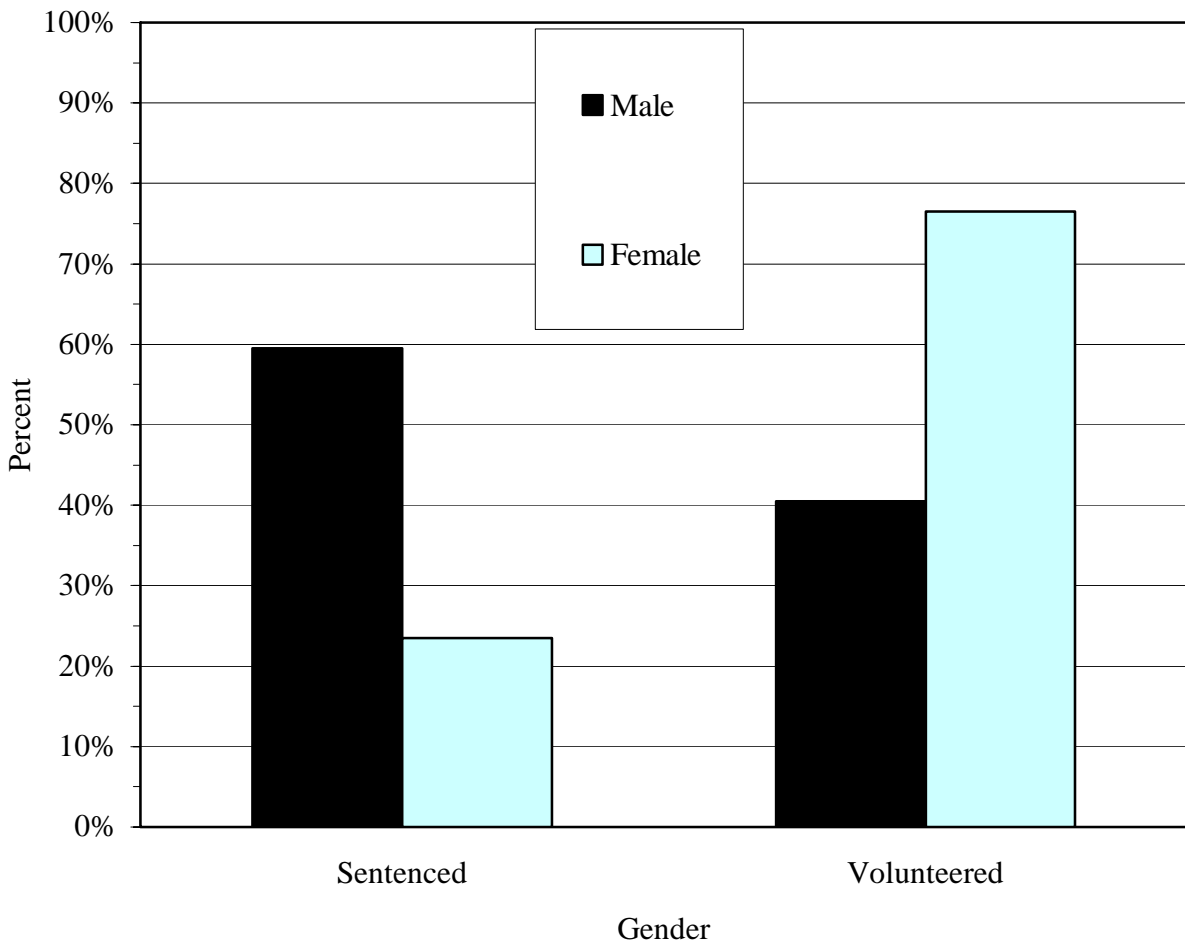


**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Enrollment**

**Sentenced/Volunteered by Gender**

	Gender				Total
	Male		Female		
	Frequency	Percent	Frequency	Percent	Frequency
<b>Sentenced</b>	188	59.5%	23	23.5%	211
<b>Volunteered</b>	128	40.5%	75	76.5%	203
<b>Total</b>	316	100.0%	98	100.0%	414

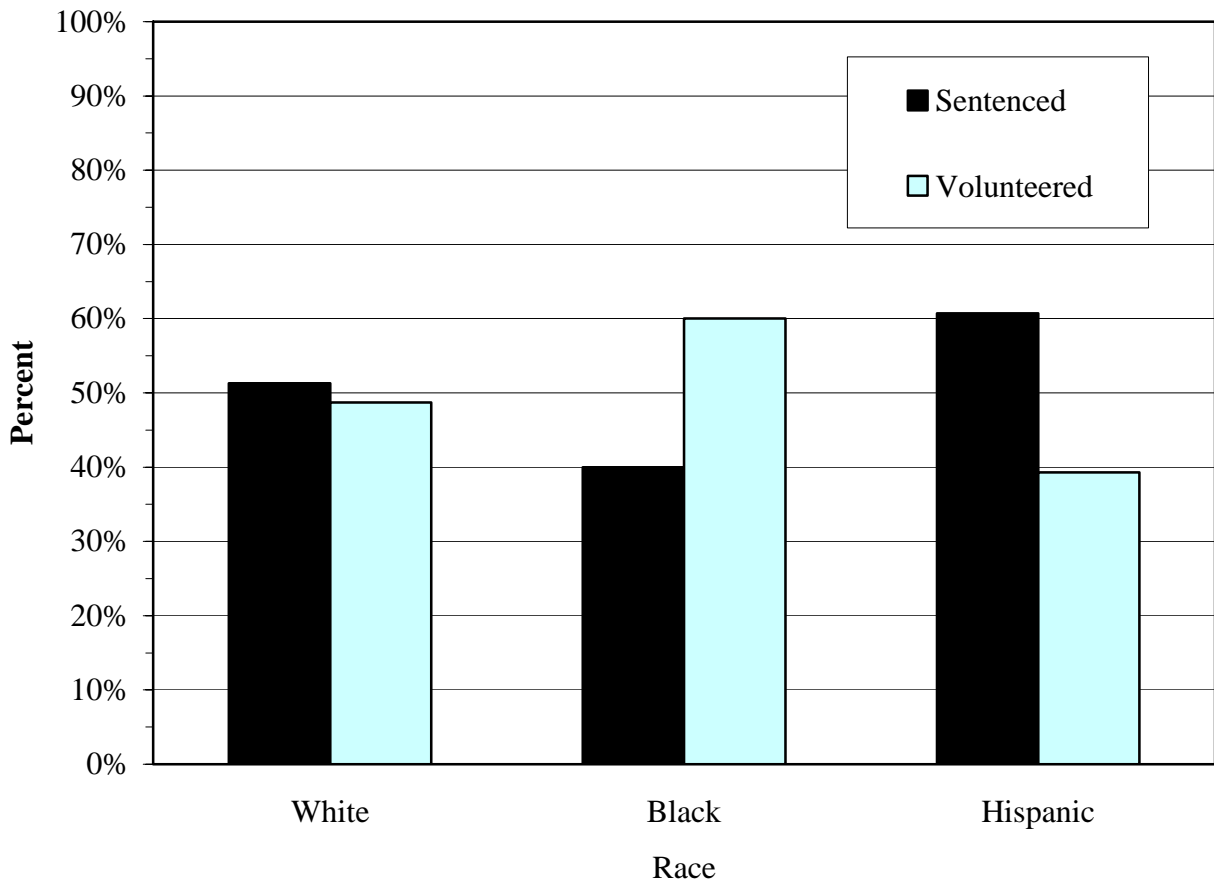


**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Enrollment**

**Sentenced/Volunteered by Race/Ethnicity**

Race/Ethnicity					Total	
	Sentenced		Volunteered		Frequency	Percent
	Frequency	Percent	Frequency	Percent		
<b>White</b>	158	51.3%	150	48.7%	308	100.0%
<b>Black</b>	18	40.0%	27	60.0%	45	100.0%
<b>Hispanic</b>	34	60.7%	22	39.3%	56	100.0%
<b>Asian</b>	0	0.0%	2	100.0%	2	100.0%
<b>None Recorded</b>	1	33.3%	2	66.7%	3	100.0%
<b>Total</b>	211		203		414	



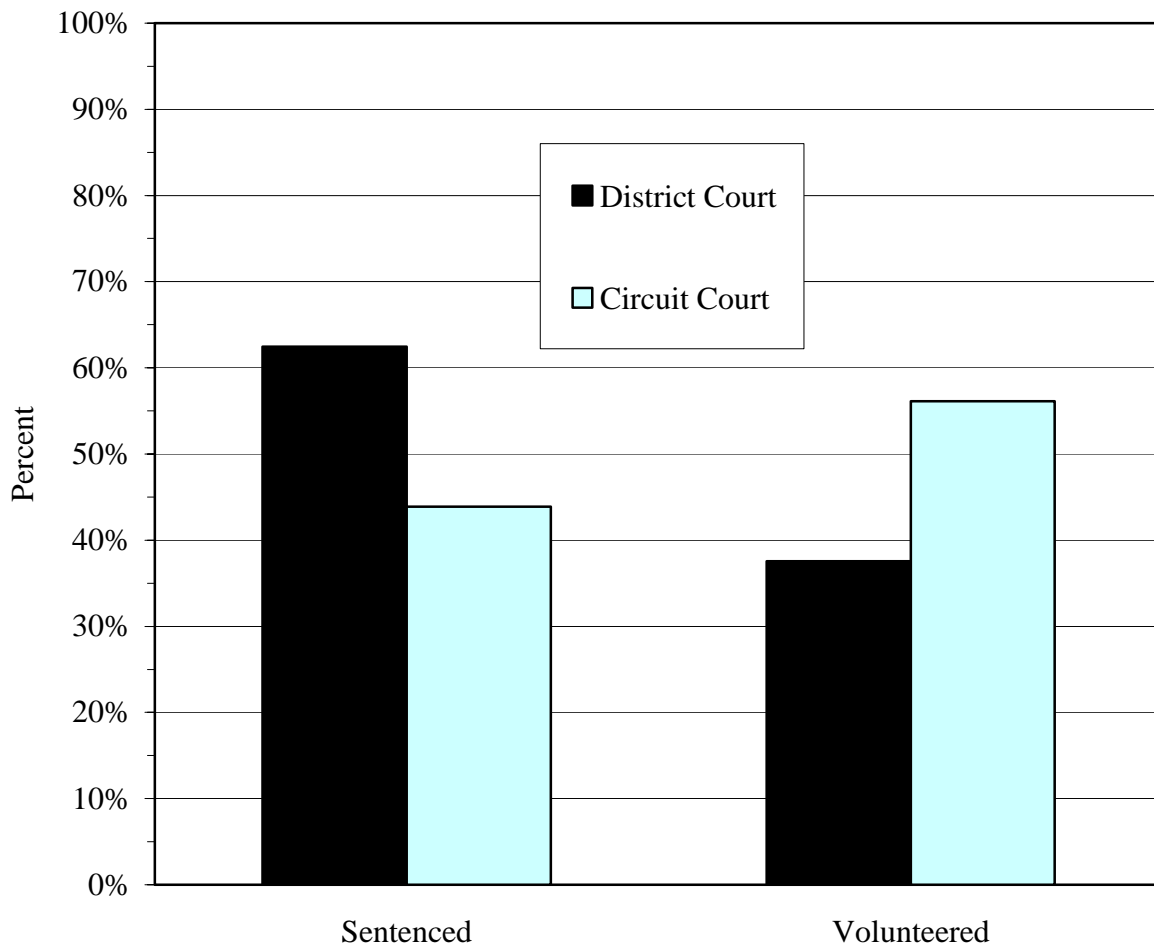
**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Enrollment**

**Sentenced/Volunteered by Sentencing Court**

	Sentencing Court				Total
	District Court		Circuit Court		
	Frequency	Percent	Frequency	Percent	Frequency
<b>Sentenced</b>	123	62.4%	86	43.9%	209
<b>Volunteered</b>	74	37.6%	110	56.1%	184
<b>Total</b>	197	100.0%	196	100.0%	393*

\* 21 cases are not reported due to missing sentencing court data.



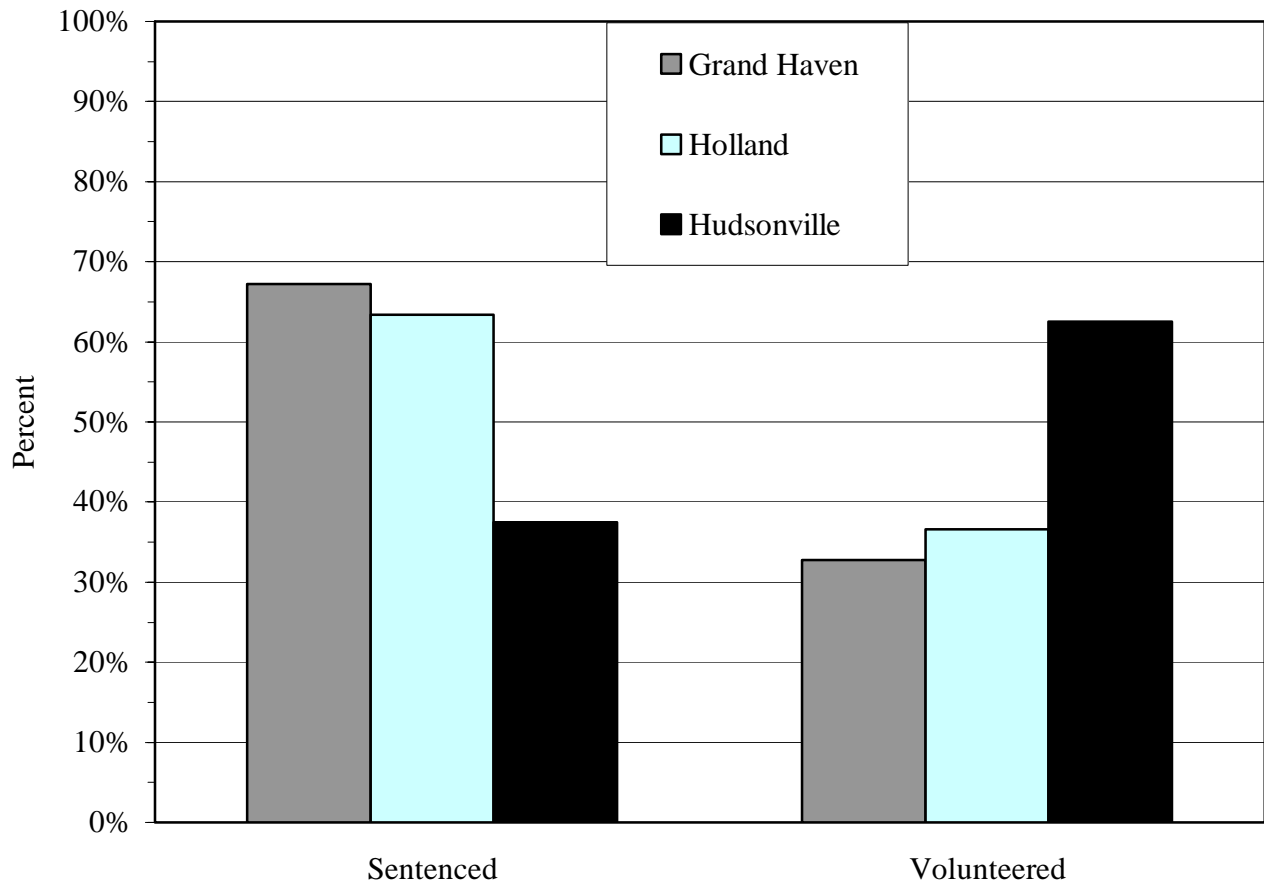
**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Enrollment**

**Sentenced/Volunteered by District Court Location**

	District Court Location						Total
	Grand Haven		Holland		Hudsonville		
	Frequency	Percent	Frequency	Percent	Frequency	Percent	
<b>Sentenced</b>	39	67.2%	78	63.4%	6	37.5%	123
<b>Volunteered</b>	19	32.8%	45	36.6%	10	62.5%	74
<b>Total</b>	58	100.0%	123	100.0%	16	100.0%	197*

\* 196 cases were sentenced in circuit court. 21 cases are not reported due to missing sentencing court data.



# **Descriptive Statistical Analysis**

## **Completion**

## DESCRIPTIVE STATISTICAL ANALYSIS

### Section: Completion

Phase I		
Enrolled	Completed	
Frequency	Frequency	Percent
414	414	100.0%

Phase II/III			
Enrolled		Completed	
Frequency	Percent*	Frequency	Percent**
208	50.2%	72	47.4%

\* This percentage is based on all 414 participants.

\*\* 56 participants were still active in the program at the time this information was collected. These 56 are not included in the percent completed.

Overall Program		
Enrolled	Completed	
Frequency	Frequency	Percent*
414	72	20.1%

\* 56 participants were still active in the program at the time this information was collected. These 56 are not included in the percent completed.

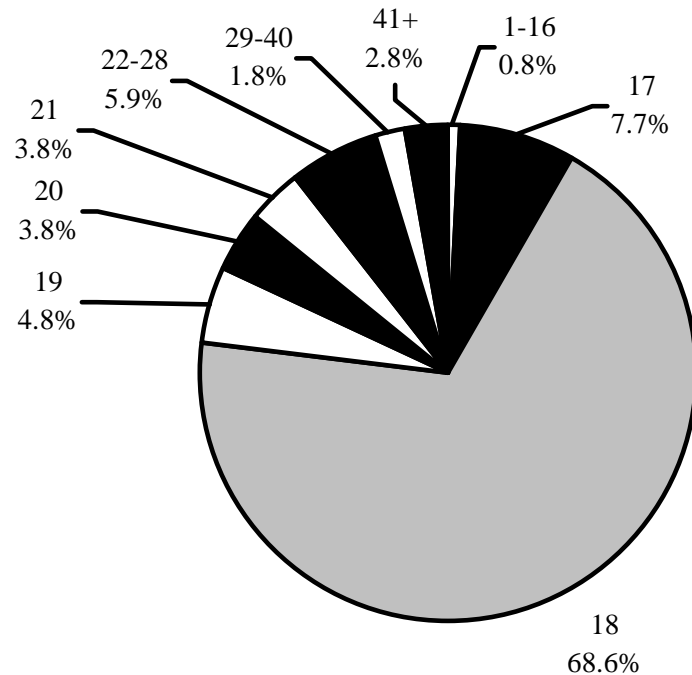
**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Completion**

**Treatment Days per Participant in Phase I**

<b>Treatment Days in Phase I</b>			
<b>Days</b>	<b>Participants</b>	<b>Percent</b>	<b>Cumulative Percent</b>
<b>1-16</b>	3	0.8%	0.8%
<b>17</b>	30	7.7%	8.4%
<b>18</b>	269	68.6%	77.0%
<b>19</b>	19	4.8%	81.9%
<b>20</b>	15	3.8%	85.7%
<b>21</b>	15	3.8%	89.5%
<b>22-28</b>	23	5.9%	95.4%
<b>29-40</b>	7	1.8%	97.2%
<b>41+</b>	11	2.8%	100.0%
<b>Total</b>	392*	100.0%	

\* 22 cases did not have sufficient information recorded.



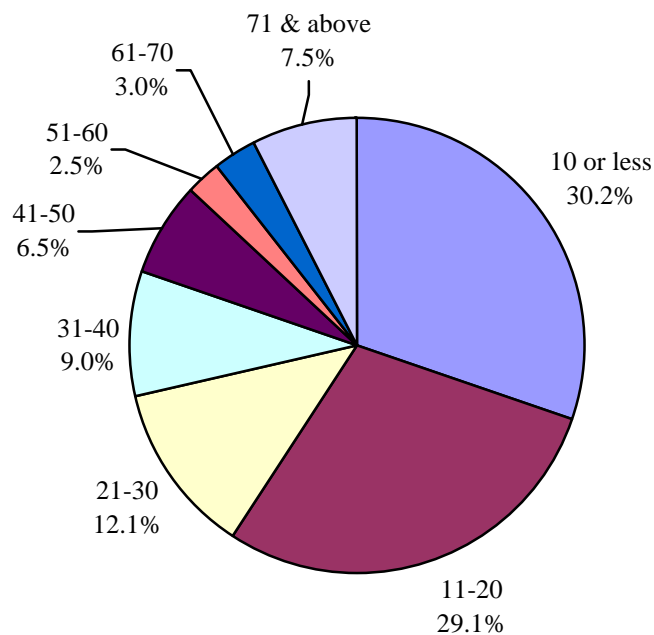
**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Completion**

**Treatment Interval Between Phase I and Phase II/III**

Treatment Interval			
Days	Participants	Percent	Cumulative Percent
<b>10 or less</b>	60	30.2%	30.2%
<b>11-20</b>	58	29.1%	59.3%
<b>21-30</b>	24	12.1%	71.4%
<b>31-40</b>	18	9.0%	80.4%
<b>41-50</b>	13	6.5%	86.9%
<b>51-60</b>	5	2.5%	89.4%
<b>61-70</b>	6	3.0%	92.5%
<b>71 &amp; above</b>	15	7.5%	100.0%
<b>Total</b>	199*	100.0%	

\* 206 participants did not enroll in Phase II and 9 participants did not have the frequency recorded.



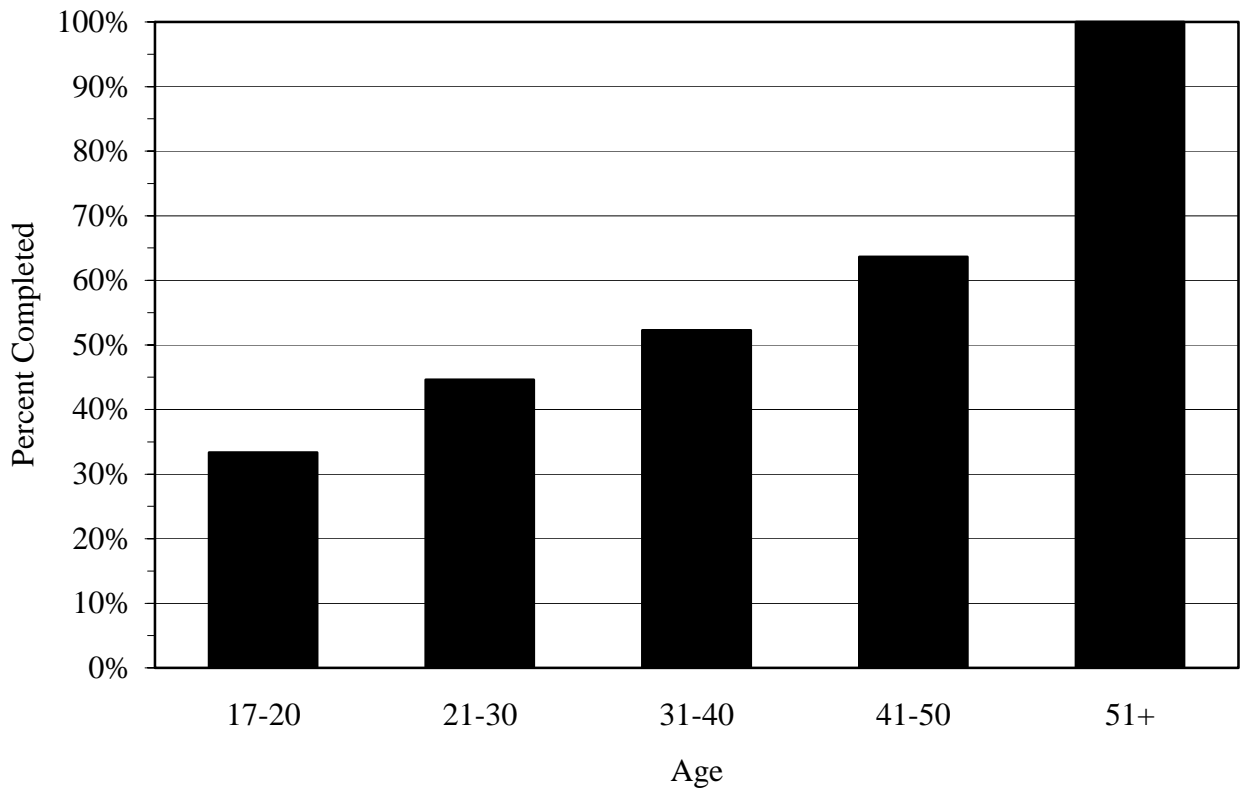
**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Completion**

**Completion by Age**

Age Category	Phase II & III Completion (participants)				Total	
	Complete		Incomplete			
	Frequency	Percent	Frequency	Percent	Frequency	Percent
<b>17-20</b>	9	33.3%	18	66.7%	27	100.0%
<b>21-30</b>	29	44.6%	36	55.4%	65	100.0%
<b>31-40</b>	23	52.3%	21	47.7%	44	100.0%
<b>41-50</b>	7	63.6%	4	36.4%	11	100.0%
<b>51+</b>	3	100.0%	0	0.0%	3	100.0%
<b>Total</b>	71		79		150*	

\* 56 participants were still active in the program at the time this information was collected. 2 Participants did not have sufficient information reported.



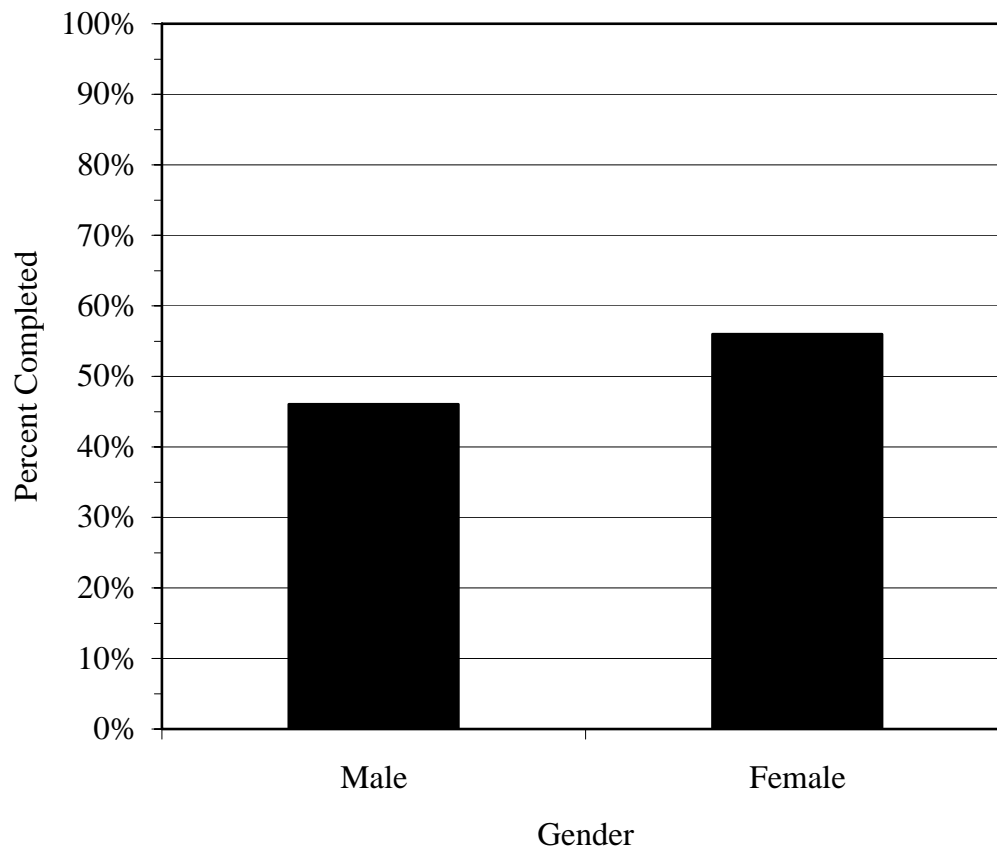
## DESCRIPTIVE STATISTICAL ANALYSIS

### Section: Completion

#### Completion by Gender

Gender	Phase II & III Completion (participants)				Total	
	Complete		Incomplete			
	Frequency	Percent	Frequency	Percent	Frequency	Percent
Male	58	46.0%	68	54.0%	126	100.0%
Female	14	56.0%	11	44.0%	25	100.0%
Total	72		79		151*	

\* 56 participants were still active in the program at the time this information was collected. One participant did not have sufficient information reported.



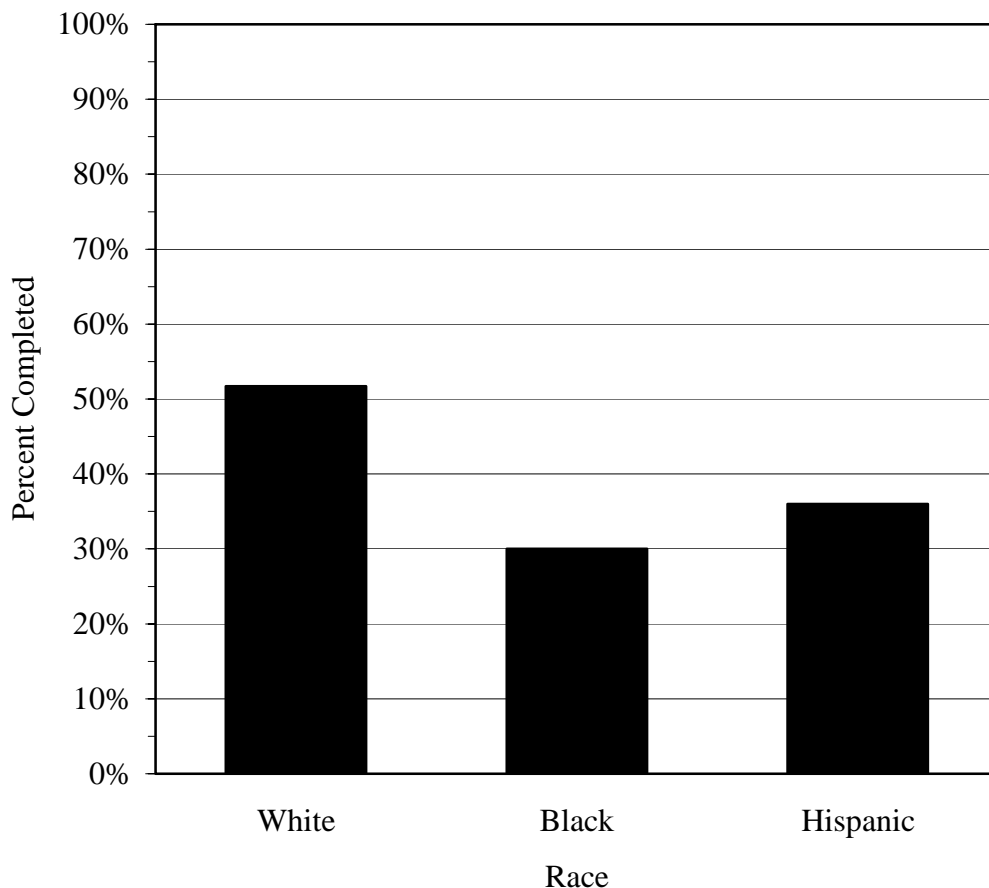
**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Completion**

**Completion by Race/Ethnicity**

Race	Phase II & III Completion (participants)				Total	
	Complete		Incomplete		Frequency	Percent
	Frequency	Percent	Frequency	Percent		
<b>White</b>	60	51.7%	56	48.3%	116	100.0%
<b>Black</b>	3	30.0%	7	70.0%	10	100.0%
<b>Hispanic</b>	9	36.0%	16	64.0%	25	100.0%
<b>Total</b>	72		79		151*	

\* 56 participants were still active in the program at the time this information was collected. One participant did not have sufficient information reported.



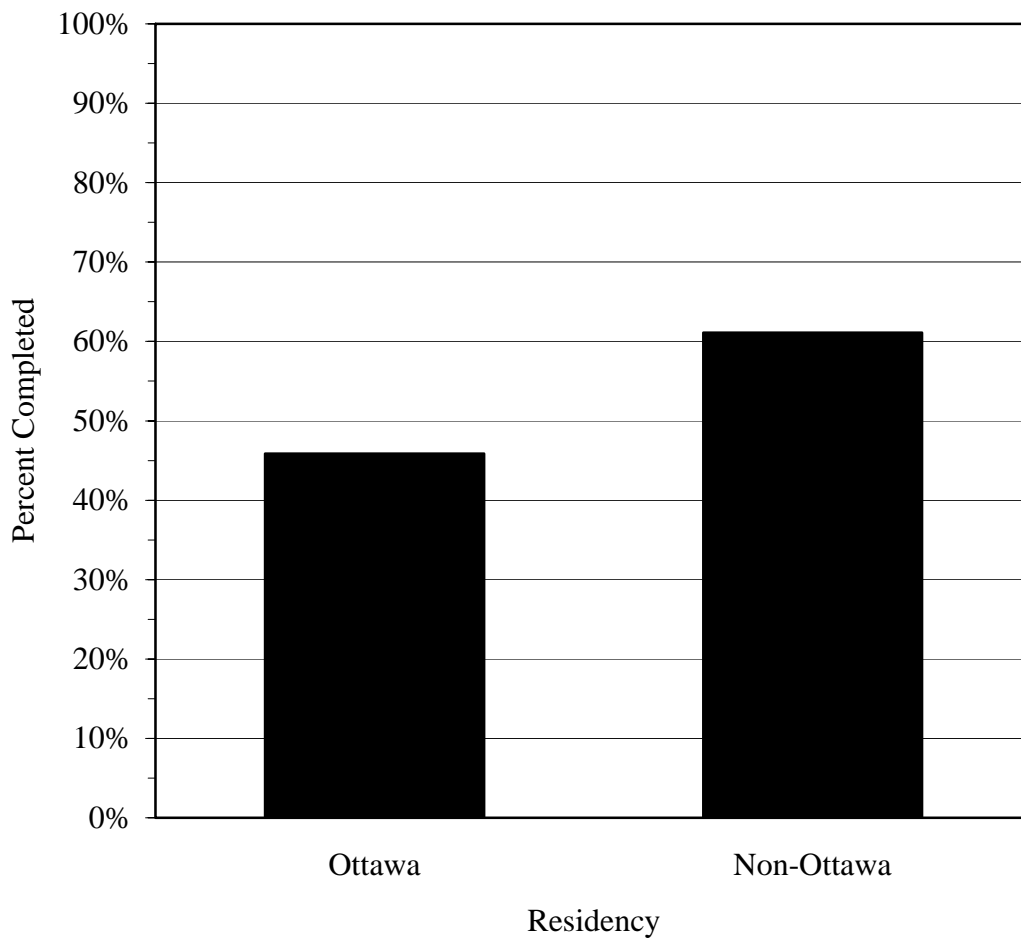
## DESCRIPTIVE STATISTICAL ANALYSIS

### Section: Completion

#### Completion by Residency

County of Residence	Phase II & III Completion (participants)				Total	
	Complete		Incomplete		Frequency	Percent
	Frequency	Percent	Frequency	Percent		
Ottawa	61	45.9%	72	54.1%	133	100.0%
Non-Ottawa	11	61.1%	7	38.9%	18	100.0%
Total	72		79		151*	

\* 56 participants were still active in the program at the time this information was collected. One participant did not have sufficient information reported.



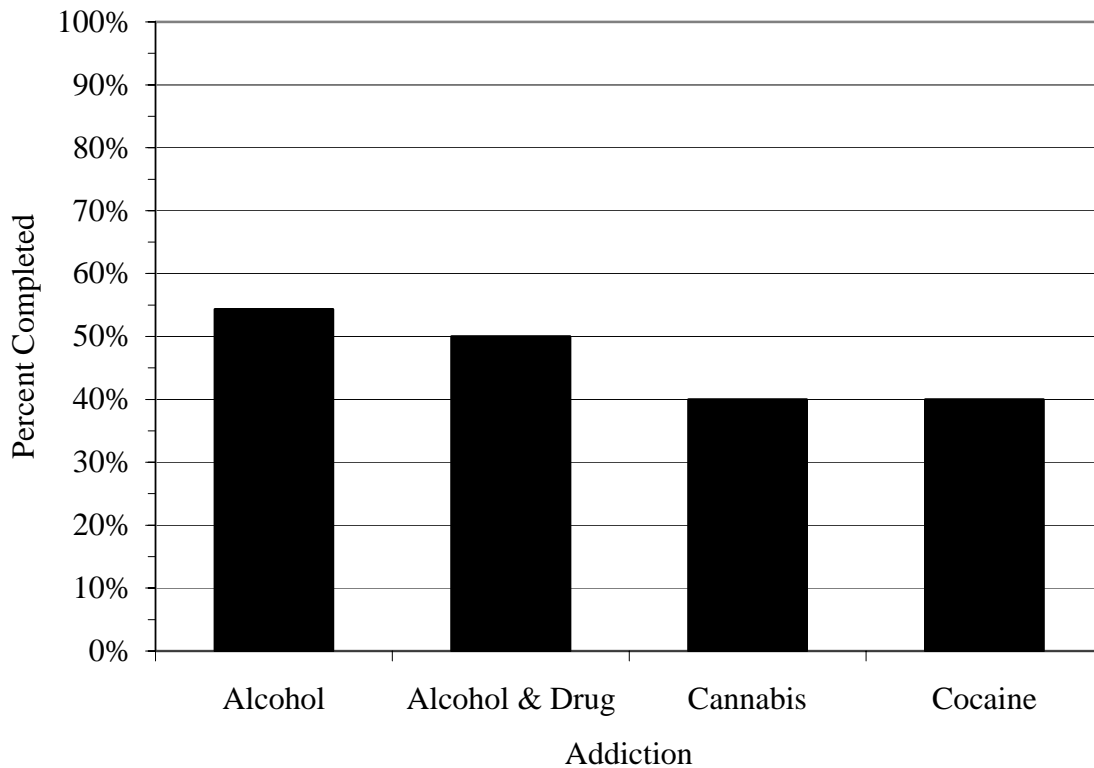
**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Completion**

**Completion by Addictive Substance**

Substance Type	Phase II & III Completion (participants)				Total	
	Complete		Incomplete			
	Frequency	Percent	Frequency	Percent	Frequency	Percent
Alcohol	25	54.3%	21	45.7%	46	100.0%
Alcohol & Drug	11	50.0%	11	50.0%	22	100.0%
Cannabis	2	40.0%	3	60.0%	5	100.0%
Cocaine	2	40.0%	3	60.0%	5	100.0%
<b>Total</b>	40		38		78*	

\* 56 participants were still active in the program at the time this information was collected. 74 participants did not have sufficient information reported.



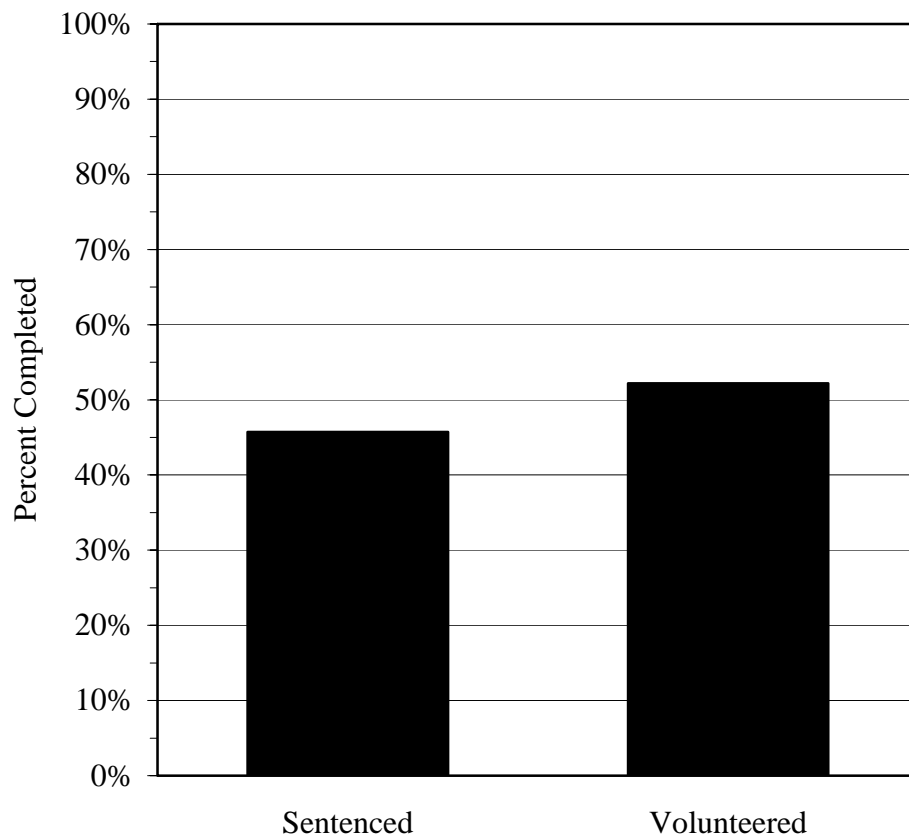
## DESCRIPTIVE STATISTICAL ANALYSIS

### Section: Completion

#### Completion by Sentenced/Volunteered

	Phase II & III Completion (participants)				Total	
	Complete		Incomplete			
	Frequency	Percent	Frequency	Percent	Frequency	Percent
<b>Sentenced</b>	48	45.7%	57	54.3%	105	100.0%
<b>Volunteered</b>	24	52.2%	22	47.8%	46	100.0%
<b>Total</b>	72		79		151*	

\* 56 participants were still active in the program at the time this information was collected. One participant did not have sufficient information reported.



# **Descriptive Statistical Analysis**

## **Recidivism**

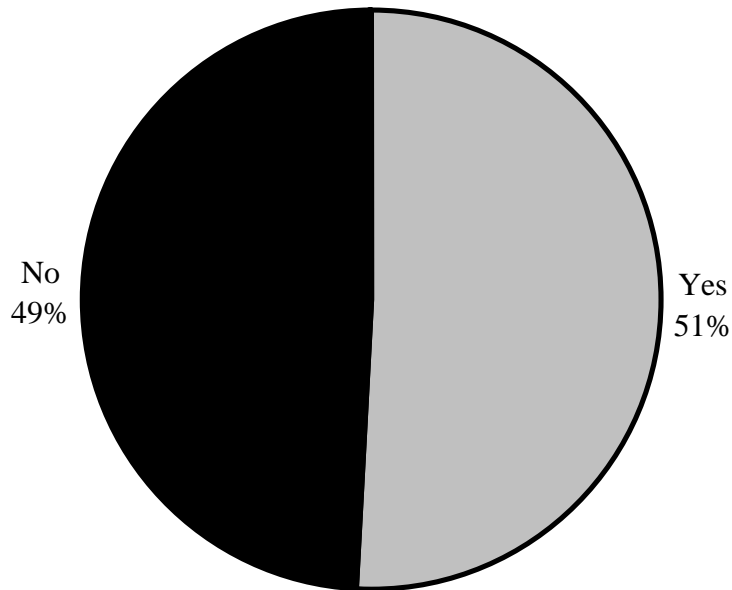
**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Recidivism\***

**Recidivism – Overall Program**

<b>Recidivism</b>	<b>Frequency</b>	<b>Percent</b>
<b>Yes*</b>	211	51.0%
<b>No</b>	203	49.0%
<b>Total</b>	414	100.0%

\* Any participant with at least one recorded instance of recidivism.



\* Recidivism is defined as any new criminal conviction or any probation violation committed after release from jail.

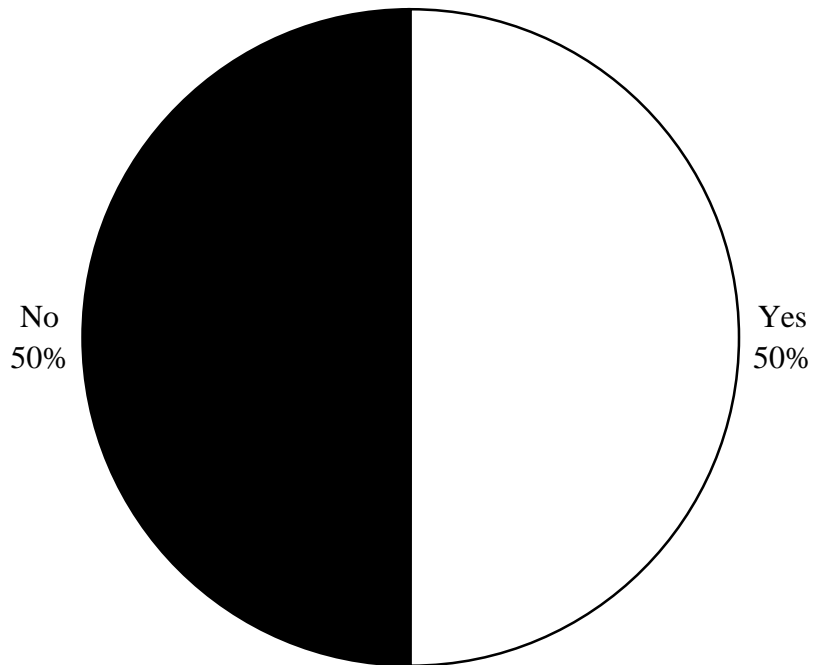
**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Recidivism**

**Recidivism of Participants Completing Only Phase I  
(these participants did not enroll in Phase II & III)**

<b>Recidivism</b>	<b>Frequency</b>	<b>Percent</b>
<b>Yes*</b>	103	50.0%
<b>No</b>	103	50.0%
<b>Total</b>	206	100.0%

\* Any participant with at least one recorded instance of recidivism.



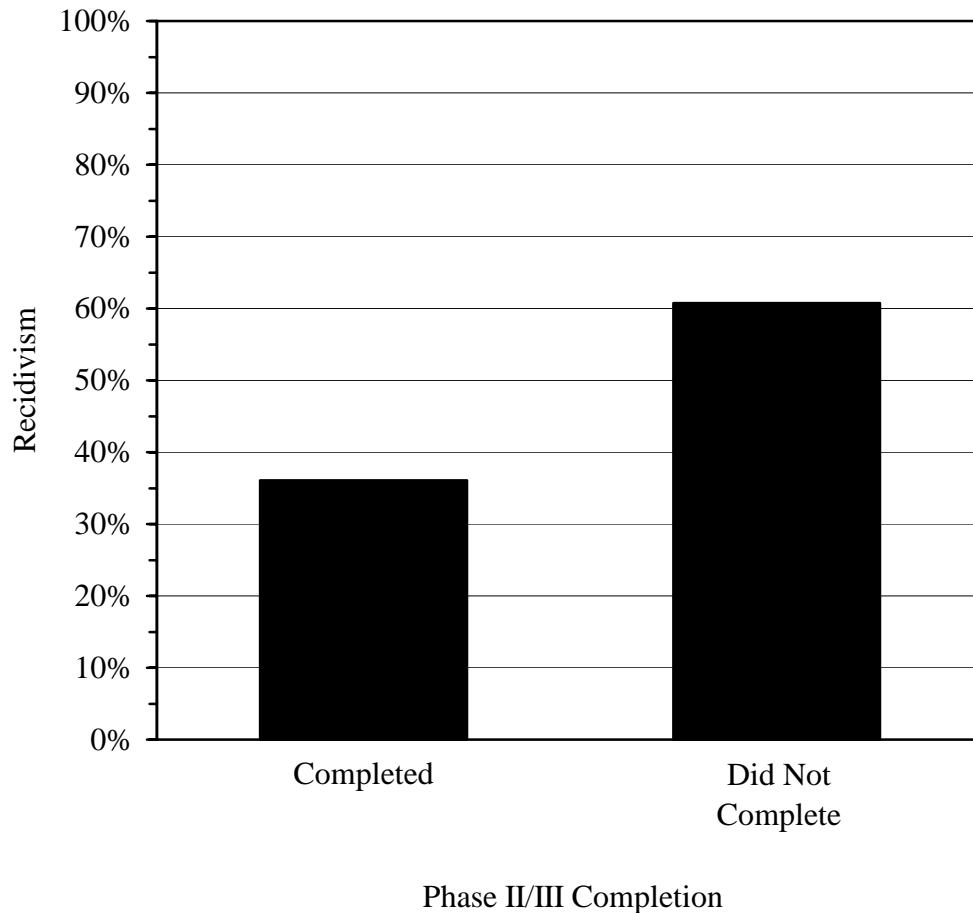
**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Recidivism**

**Recidivism of Participants Completing Phase II & III**

Completed Phase II & III	Recidivism				Total	
	Yes		No		Frequency	Percent
	Frequency	Percent	Frequency	Percent		
Yes	26	36.1%	46	63.9%	72	100.0%
No	82	60.7%	53	39.3%	135	100.0%
<b>Total</b>	108		99		207*	

\* One participant did not have sufficient information reported.



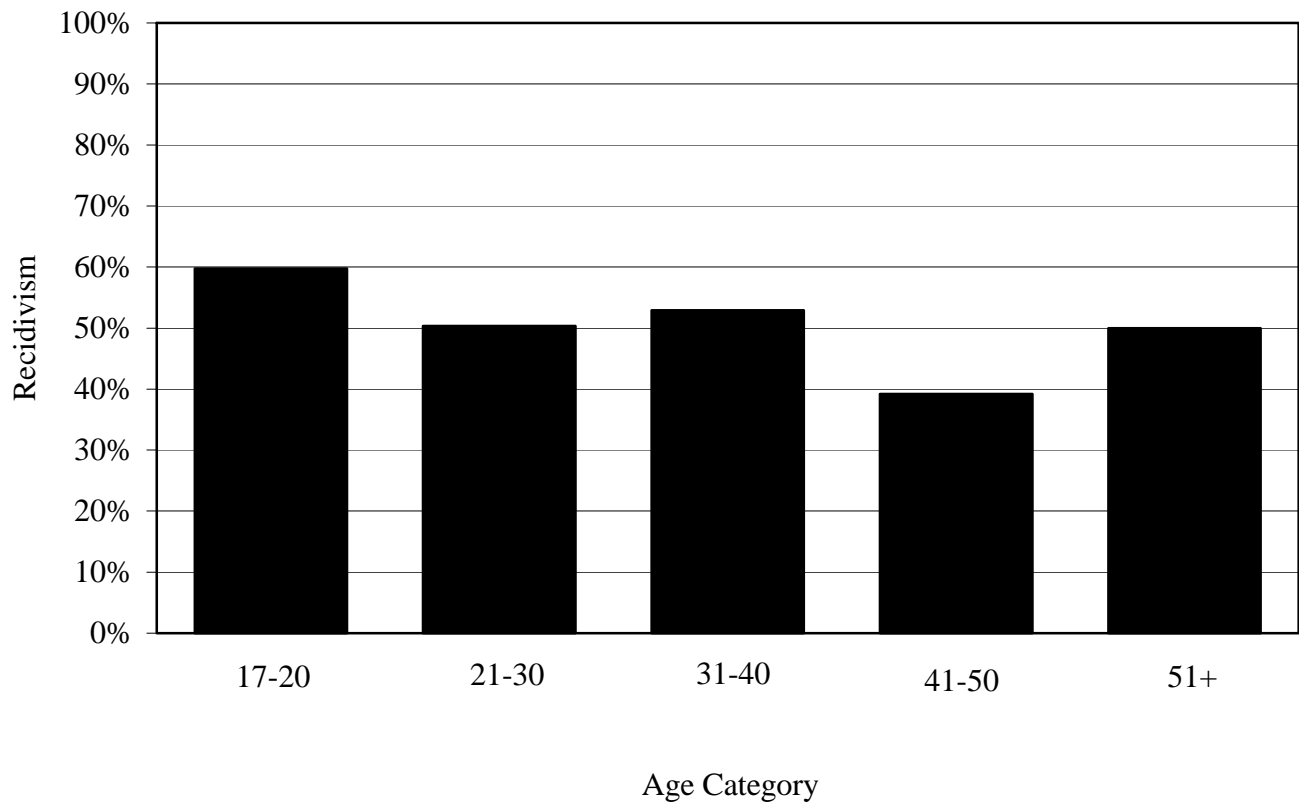
**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Recidivism**

**Recidivism by Age**

Age Category	Recidivism				Total	
	Yes		No		Frequency	Percent
	Frequency	Percent	Frequency	Percent		
<b>17-20</b>	49	59.8%	33	40.2%	82	100.0%
<b>21-30</b>	75	50.3%	74	49.7%	149	100.0%
<b>31-40</b>	64	52.9%	57	47.1%	121	100.0%
<b>41-50</b>	20	39.2%	31	60.8%	51	100.0%
<b>51+</b>	3	50.0%	3	50.0%	6	100.0%
<b>Total</b>	211		198		409*	

\* 5 cases did not have age data reported.

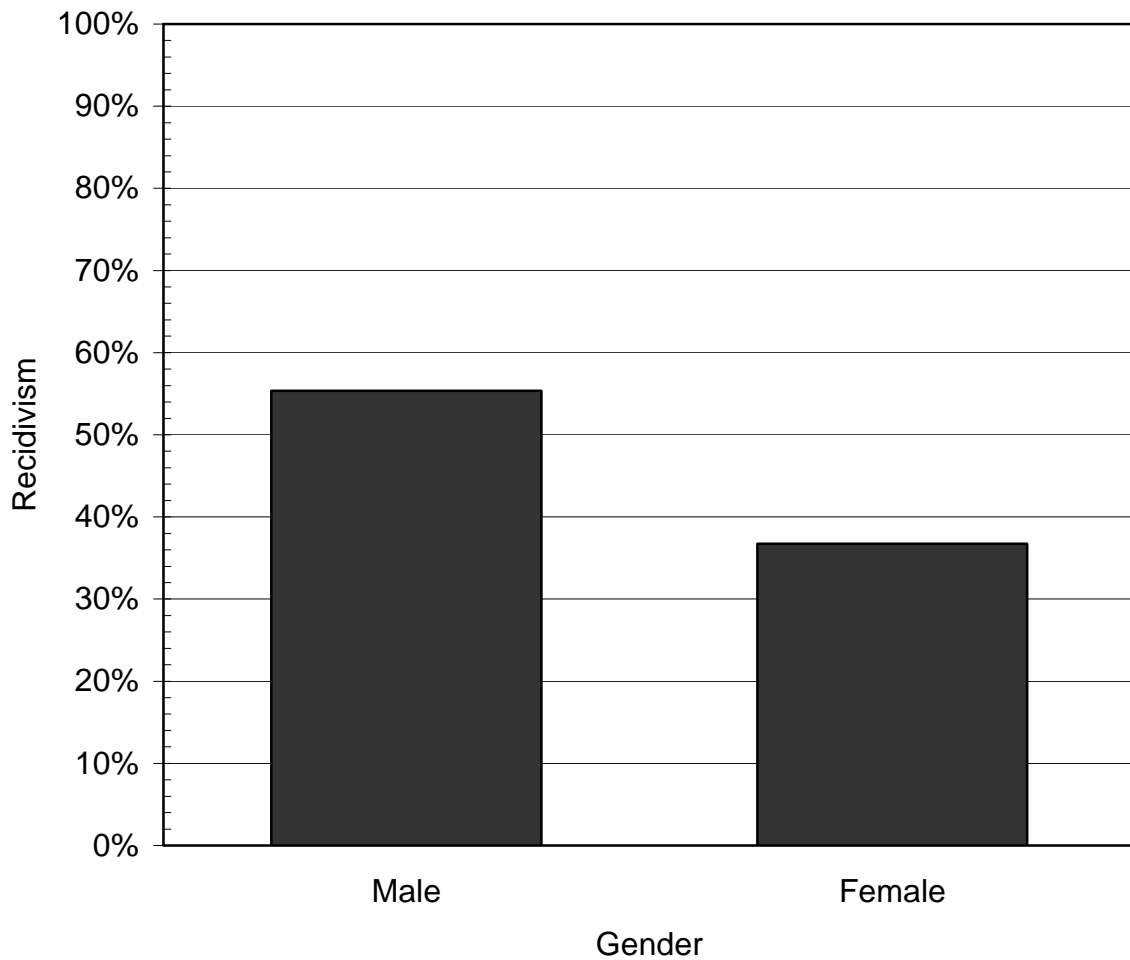


**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Recidivism**

**Recidivism by Gender**

Gender	Recidivism				Total	
	Yes		No		Frequency	Percent
	Frequency	Percent	Frequency	Percent		
Male	175	55.4%	141	44.6%	316	100.0%
Female	36	36.7%	62	63.3%	98	100.0%
Total	211		203		414	

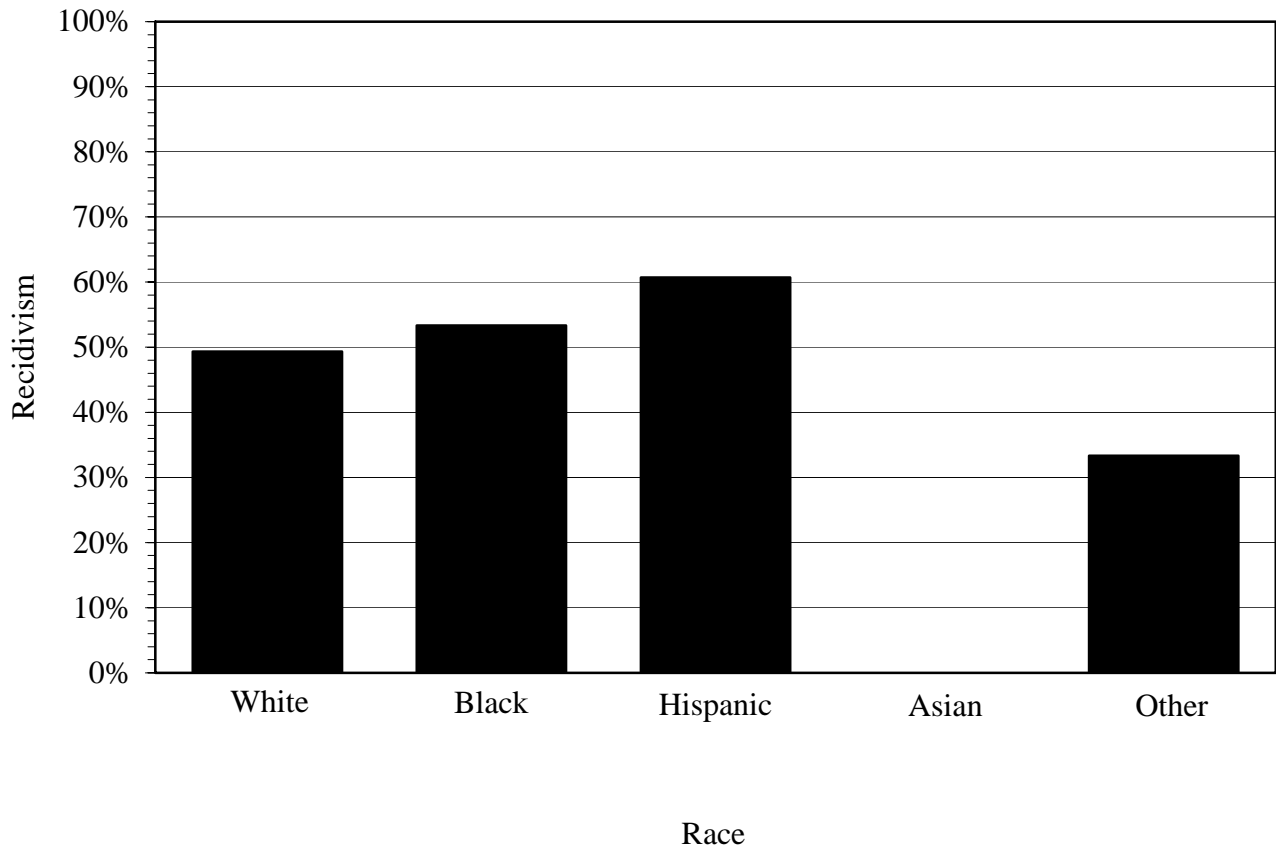


**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Recidivism**

**Recidivism by Race/Ethnicity**

Race	Recidivism				Total	
	Yes		No		Frequency	Percent
	Frequency	Percent	Frequency	Percent		
<b>White</b>	152	49.4%	156	50.6%	308	100.0%
<b>Black</b>	24	53.3%	21	46.7%	45	100.0%
<b>Hispanic</b>	34	60.7%	22	39.3%	56	100.0%
<b>Asian</b>	0	0.0%	2	100.0%	2	100.0%
<b>None Recorded</b>	1	33.3%	2	66.7%	3	100.0%
<b>Total</b>	211		203		414	



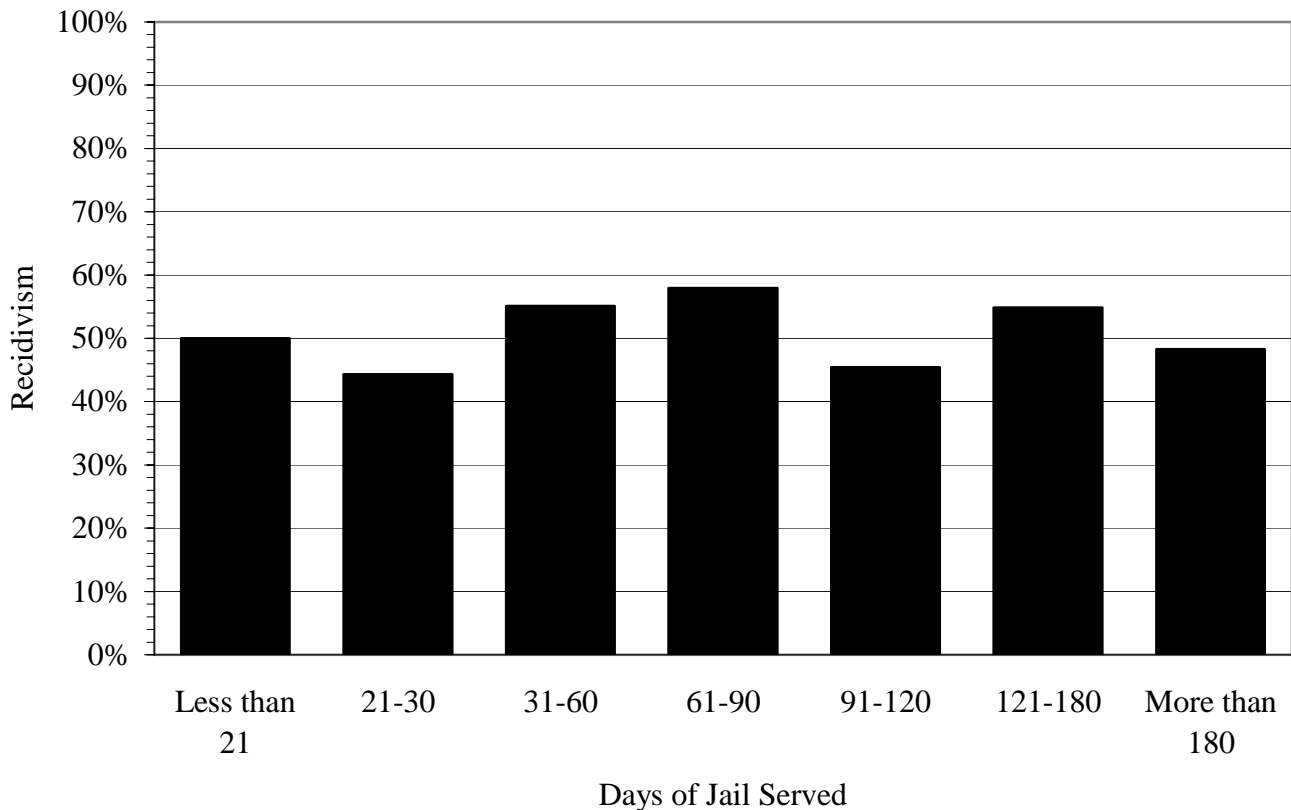
**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Recidivism**

**Recidivism by Jail Time Served**

Jail Time Served (days)	Recidivism				Total	
	Yes		No		Frequency	Percent
	Frequency	Percent	Frequency	Percent		
<b>Less than 21</b>	5	50.0%	5	50.0%	10	100.0%
<b>21-30</b>	35	44.3%	44	55.7%	79	100.0%
<b>31-60</b>	81	55.1%	66	44.9%	147	100.0%
<b>61-90</b>	40	58.0%	29	42.0%	69	100.0%
<b>91-120</b>	15	45.5%	18	54.5%	33	100.0%
<b>121-180</b>	17	54.8%	14	45.2%	31	100.0%
<b>More than 180</b>	14	48.3%	15	51.7%	29	100.0%
<b>Total</b>	207		191		398*	

\* 16 cases did not have jail time served or recidivism data reported.



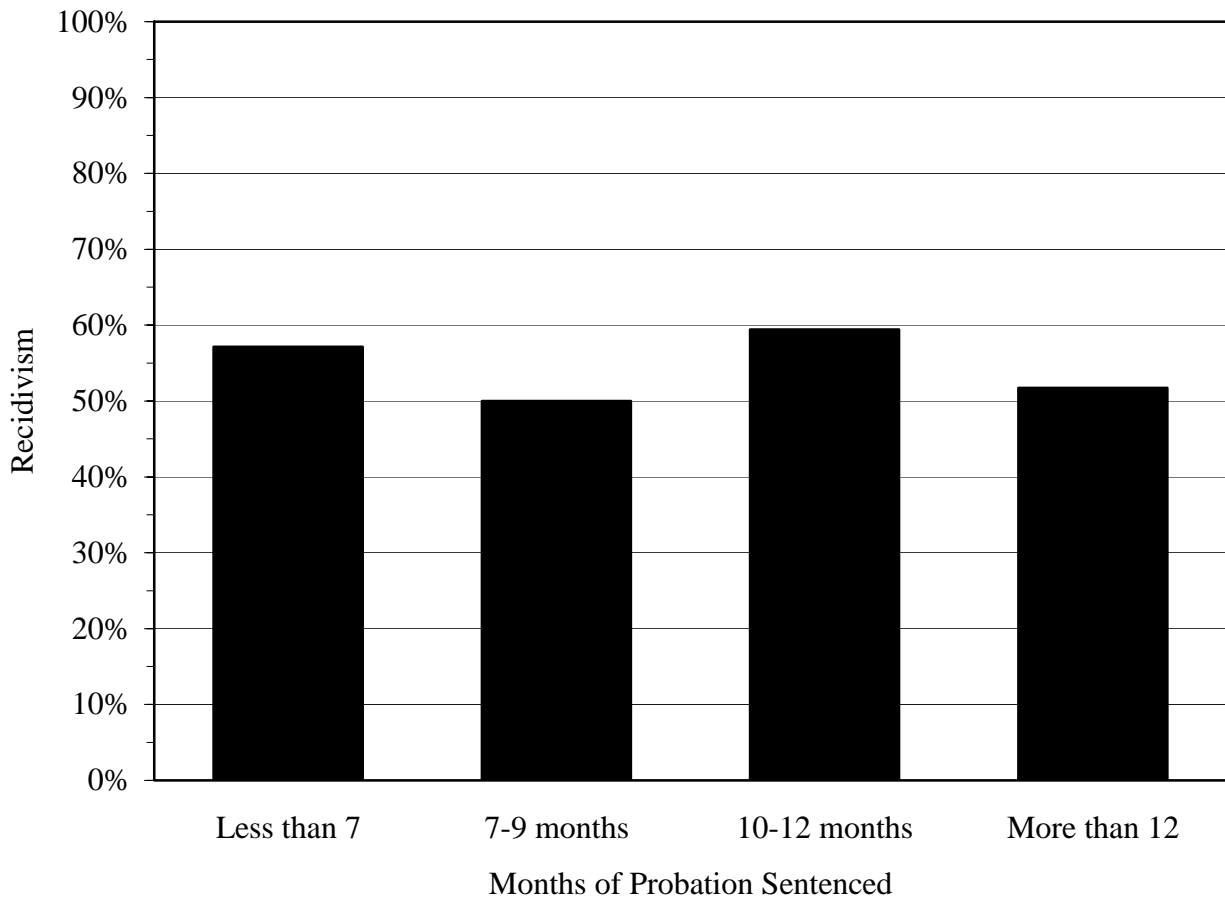
**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Recidivism**

**Recidivism by Probation Time Sentenced**

Probation Sentenced (months)	Recidivism				Total	
	Yes		No			
	Frequency	Percent	Frequency	Percent	Frequency	Percent
<b>Less than 7</b>	4	57.1%	3	42.9%	7	100.0%
<b>7-9 months</b>	6	50.0%	6	50.0%	12	100.0%
<b>10-12 months</b>	60	59.4%	41	40.6%	101	100.0%
<b>More than 12</b>	89	51.7%	83	48.3%	172	100.0%
<b>Total</b>	159		133		292*	

\* 122 cases did not have probation sentenced or recidivism data reported.



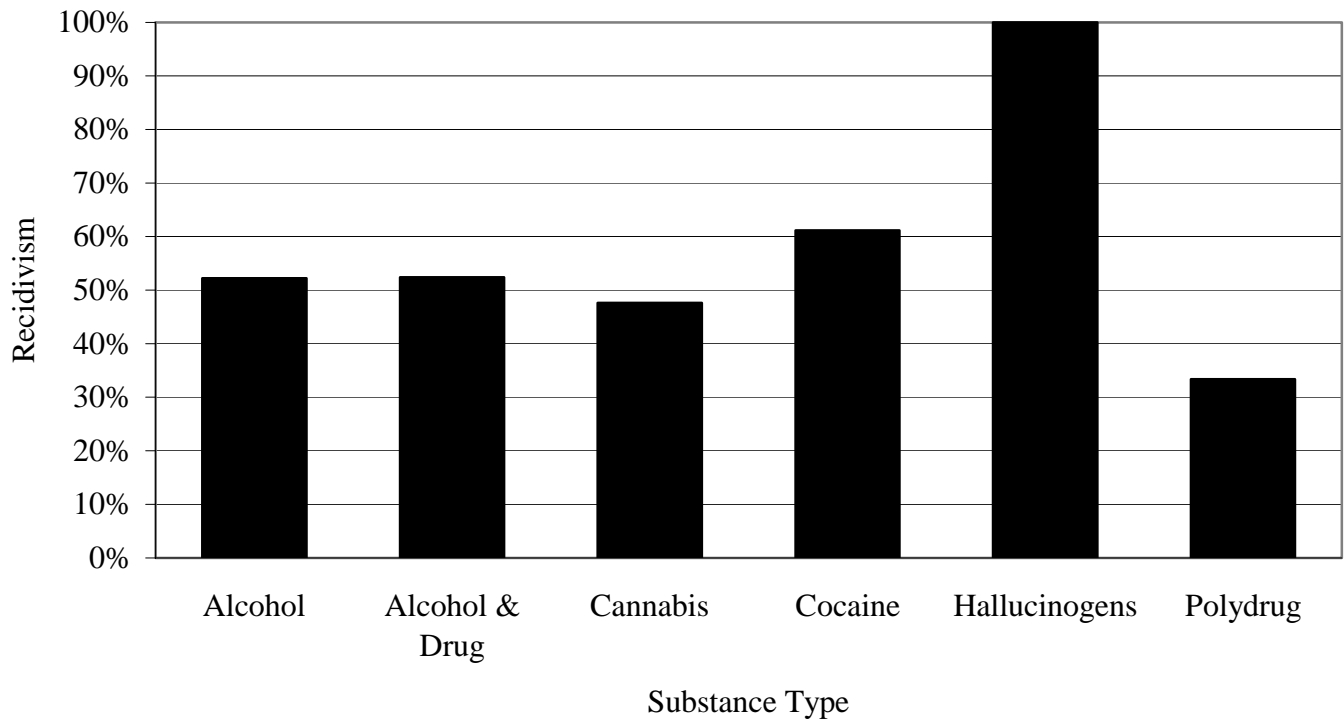
**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Recidivism**

**Recidivism by Substance Addiction**

Substance Type	Recidivism				Total	
	Yes		No		Frequency	Percent
	Frequency	Percent	Frequency	Percent		
Alcohol	70	52.2%	64	47.8%	134	100.0%
Alcohol & Drug	22	52.4%	20	47.6%	42	100.0%
Cannabis	10	47.6%	11	52.4%	21	100.0%
Cocaine	11	61.1%	7	38.9%	18	100.0%
Hallucinogens	1	100.0%	0	0.0%	1	100.0%
Polydrug	2	33.3%	4	66.7%	6	100.0%
<b>Total</b>	116		106		222*	

\* 192 cases did not have substance type data reported.



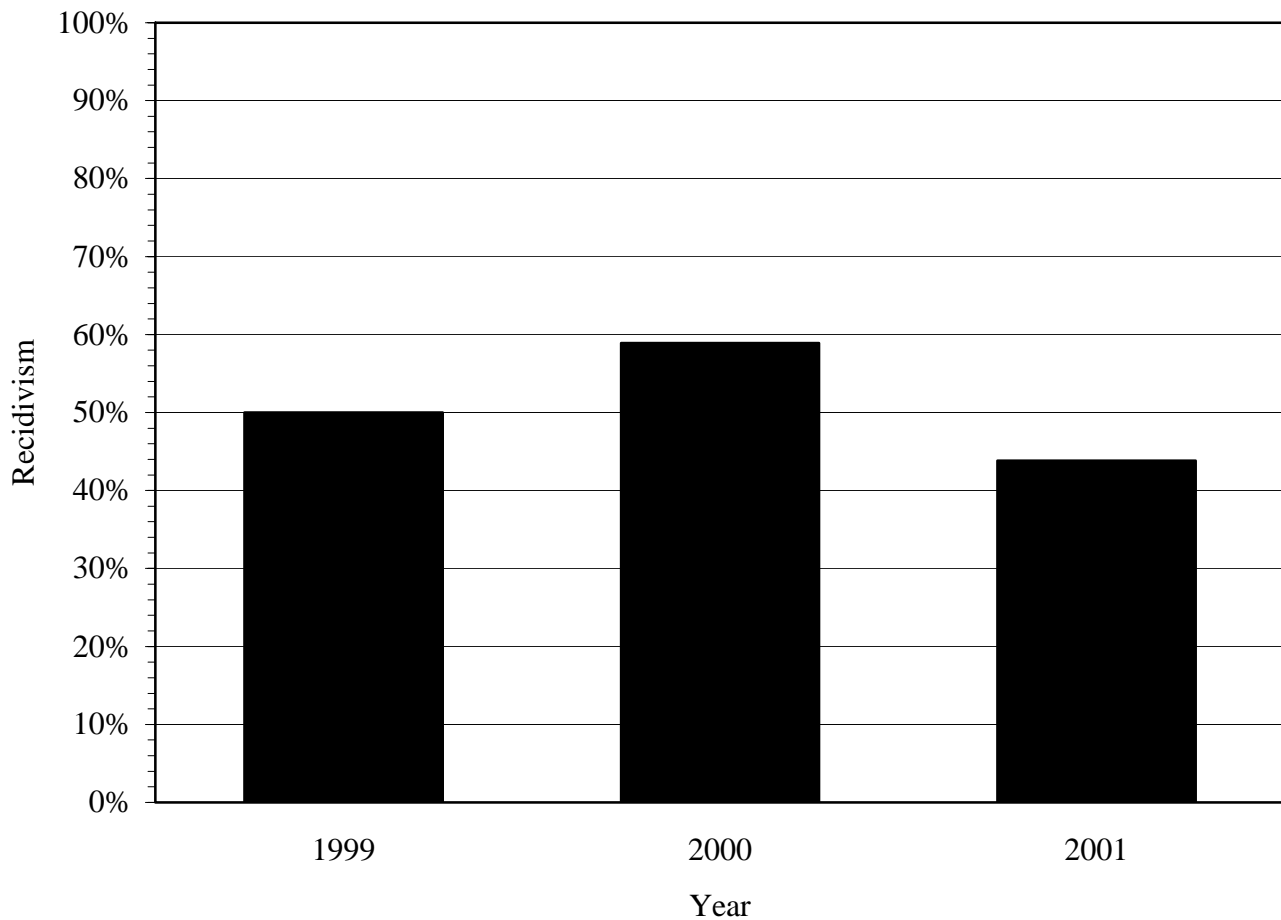
**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Recidivism**

**Recidivism by Year Enrolled**

Year	Recidivism				Total	
	Yes		No		Frequency	Percent
	Frequency	Percent	Frequency	Percent		
<b>1999</b>	19	50.0%	19	50.0%	38	100.0%
<b>2000</b>	109	58.9%	76	41.1%	185	100.0%
<b>2001</b>	78	43.8%	100	56.2%	178	100.0%
<b>Total</b>	206		195		401*	

\* 13 cases did not have enrollment year data reported.

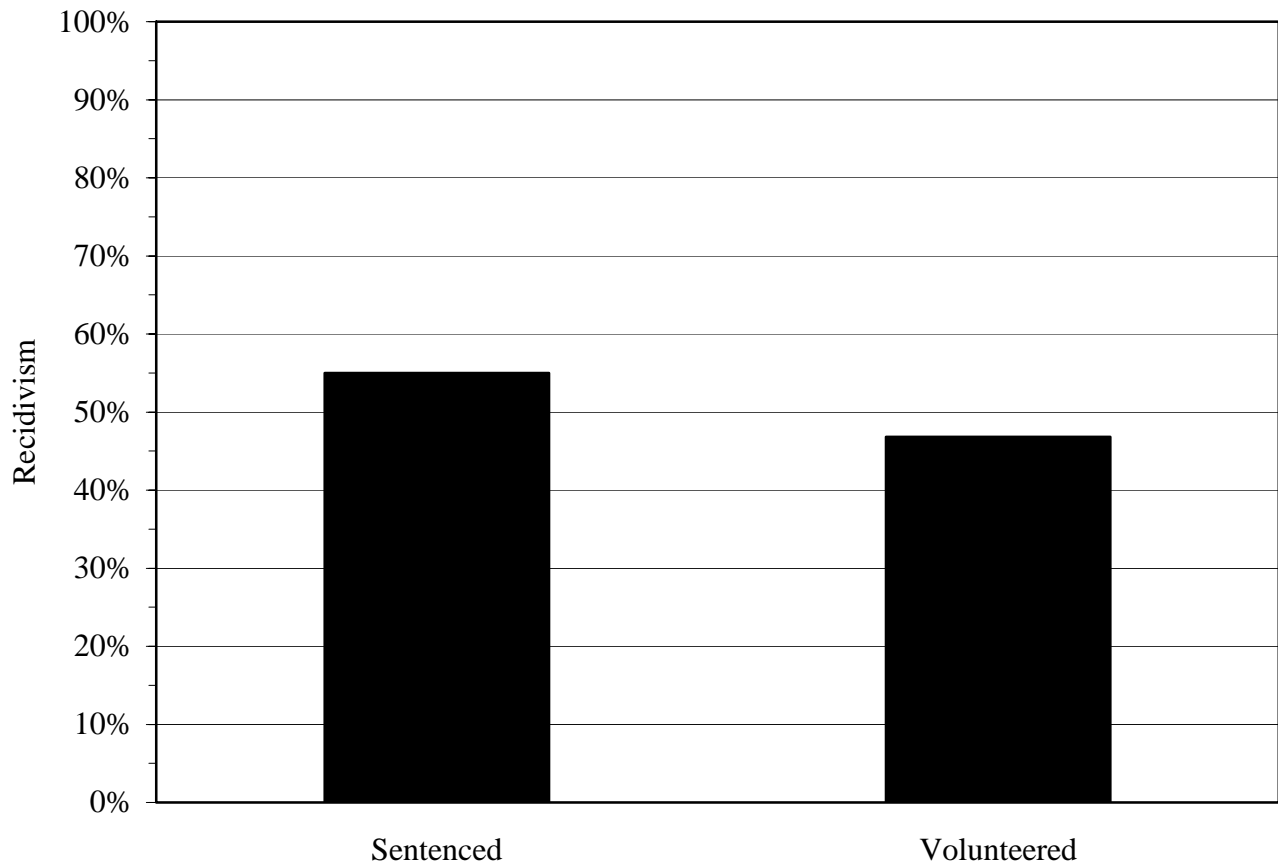


**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Recidivism**

**Recidivism by Sentenced/Volunteered**

APT Participation	Recidivism				Total	
	Yes		No			
	Frequency	Percent	Frequency	Percent	Frequency	Percent
<b>Sentenced</b>	116	55.0%	95	45.0%	211	100.0%
<b>Volunteered</b>	95	46.8%	108	53.2%	203	100.0%
<b>Total</b>	211		203		414	

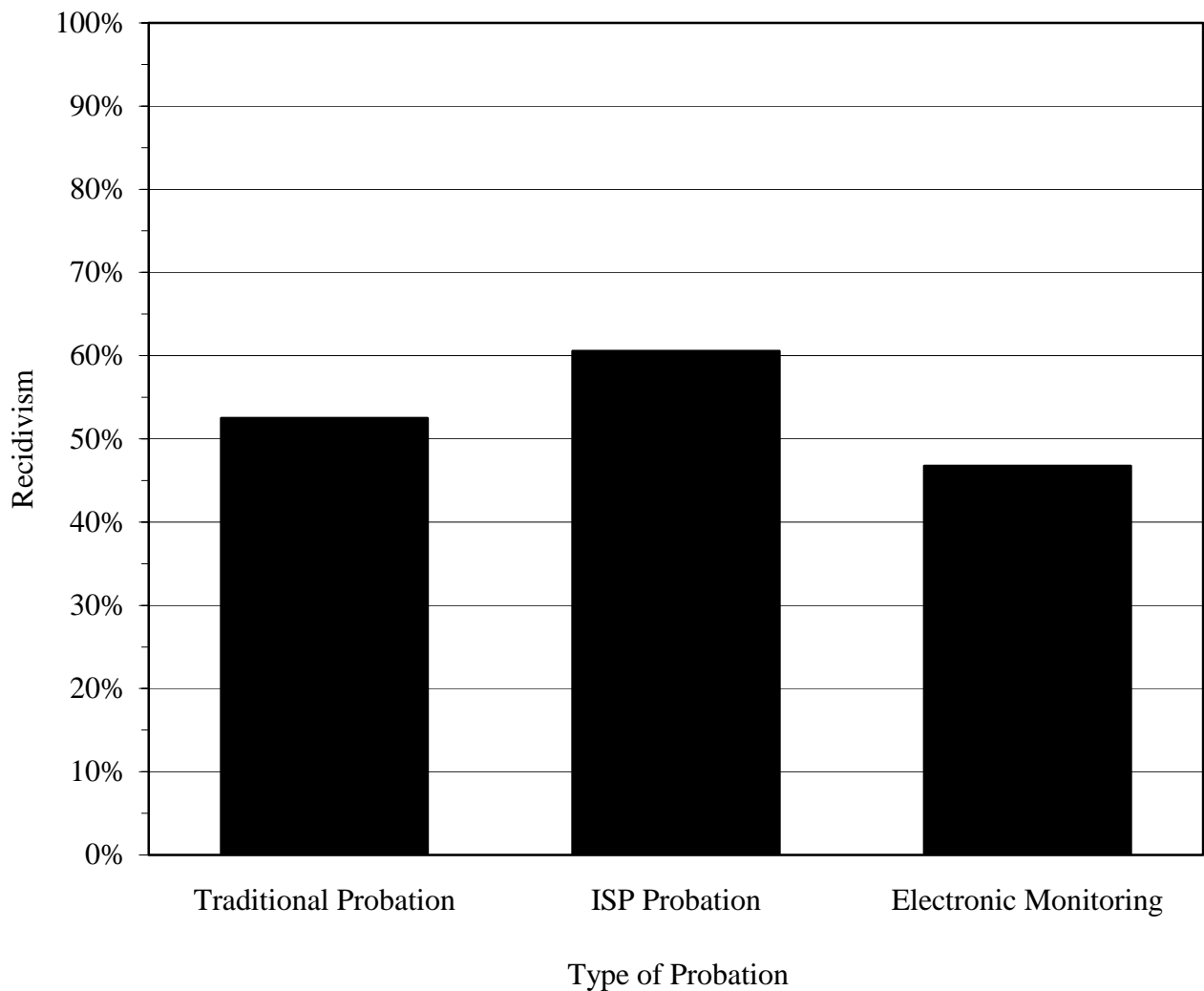


**DESCRIPTIVE STATISTICAL ANALYSIS**

**Section: Recidivism**

**Recidivism by Probation**

	Recidivism				Total	
	Yes		No			
	Frequency	Percent	Frequency	Percent	Frequency	Percent
<b>Traditional Probation</b>	116	52.5%	105	47.5%	221	100.0%
<b>ISP Probation</b>	43	60.6%	28	39.4%	71	100.0%
<b>Electronic Monitoring</b>	29	46.8%	33	53.2%	62	100.0%



# **Conclusion**

## CONCLUSION

This evaluation is the culmination of many months of database development, data collection, and statistical analysis. The ultimate purpose of the evaluation is to determine the effectiveness and efficiency of the APT Program. This is accomplished by analyzing the program based on several quantitative performance indicators. The primary indicators that were evaluated in the report are “Administrative Oversight”, “Cost”, and “Recidivism Rates”. The indicators are as follows:

### Administrative Oversight:

There are several aspects of APT’s administrative process that raise serious concerns about the overall program. The cause of administrative difficulties is attributable to several factors: unclear lines-of-authority; vague contract language; deviations from contractual agreement; lack of oversight; poor record keeping; and other miscellaneous issues. The administrative issues of most concern are listed as follows:

#### Contractual Issues

- Program participants are to be sentenced prior to being admitted to the APT Program. This contract provision ensures that potential participants are given sufficient jail and probation sentences to complete the minimum time requirements of the program. This contractual requirement has oftentimes been ignored. In rare instances, participants have been enrolled prior to trial.
- Program participants are to be screened prior to being admitted to APT. This provision ensures that potential participants do in fact have a substance abuse problem. This contractual requirement is not followed. In some instances, offenders that have no substance abuse problems are enrolled in the program.
- West Michigan Therapy is supposed to recommend potential participants for the program after the minimum eligibility requirements (minimum jail and probation sentence, screening, etc.) have been confirmed. However, for all practical purposes, participants are placed in the program as a result of judicial sentencing or approvals that are granted by the Jail Corrections Supervisor. Again, in certain instances, minimum eligibility requirements are not satisfied.
- West Michigan Therapy and Child & Family Services were to develop APT curriculum and a detailed program plan (in-jail and post jail). Although this information has been provided upon request (Attachment B), it is in an elementary form that is vague and unstructured.
- West Michigan Therapy and Child & Family Services are to maintain records for evaluation purposes. There have been several problems related to record keeping. Many of the records are not computerized, and information requested has often been incomplete, incorrect, or conflicting.
- West Michigan Therapy and Child & Family Services are to submit quarterly reports regarding performance and the accomplishment of goals. Additionally, monthly reports are to be submitted regarding the status of participants. Although weekly and semi-weekly status reports have been provided intermittently, the quarterly performance reports have not been completed in the past.

## General Issues

- The APT Program is supposed to provide 21 days of in-jail treatment. Three hundred thirty five (85.7%) participants received 20 or less days of treatment.
- The APT Program should treat only Ottawa County residents. This provision is important because participants will not likely complete the post-jail portion of the program if they move outside the County after release. Further, it is nearly impossible to track recidivism for participants that leave the jurisdictional boundaries of the County.
- Program participants should have minimal transition time between Phase I and Phase II/III. One hundred thirty nine participants (69.8%) had a transition time of eleven days or greater.
- Only 50.4% of all participants entered Phase II/III after completing Phase I. The number of participants successfully completing the entire APT Program is 72 (excluding 56 active participants at the time of data collection). That represents only 20.1% of the 414 individuals entering the program.

## Cost:

Ottawa County has contracted with West Michigan Therapy to conduct the APT Program for \$21,081 per month. West Michigan Therapy is to collect “third party reimbursements” (i.e. insurance payments) whenever possible to offset the cost of the program. The net program cost for the first 26 months of the program was \$542, 845 (see below). The total third party reimbursements that were collected totaled \$3,990.65.

	<u>Contractual Payment Amount</u>	<u>Third Party Reimbursement</u>	<u>Total Program Cost</u>
1999 (2 Months)	\$ 33,141.02	-0-	\$ 33,141.82
2000	\$ 260,719.52	\$ 814.40	\$ 259,905.12
2001	<u>\$ 252,975.00</u>	<u>\$ 3,176.25</u>	<u>\$ 249,798.75</u>
Total	\$ 546,836.34	\$ 3,990.65	\$ 542,845.69

The average cost per individual participating in at least some portion of APT (414) was \$1,311.22. The average cost per individual completing the entire APT program (72) through December 2001 was \$7,539.52

## Recidivism:

For the purpose of this evaluation, recidivism is defined as any new criminal conviction or any probation violation that was committed by a program participant after release from jail. The recidivism rate was only calculated through March 15, 2002. Therefore, the recidivism rate for participants released in 2001 could be based on less than 3 months of historic data. Further, there were 56 participants who were still active in the program when the data for this report was collected. These factors may cause the recidivism rate in this evaluation to be under-reported.

The recidivism rate for the overall program is 51%. The recidivism rate for the seventy-two individuals completing the entire program (Phases I, II & III) is 36.1%. This reduction in recidivism may indicate that the program is dramatically more successful when a participant

completes the entire program. However, the “completion designation”<sup>1</sup> was assigned to participants as a result of a subjective formula that was created by Child & Family Services, so an objective determination cannot be inferred. It may also reflect that these participants are generally more compliant by nature and therefore more likely to have a favorable outcome.

For the purpose of comparison, several recidivism rates were obtained from other substance addiction programs. It must be clearly understood that these programs have different treatments, funding levels, duration lengths, participant profiles (prison vs. jail), demographics, and definitions of recidivism. Therefore, it is impossible to make clear-cut assumptions and comparisons. However, the recidivism rates do provide a general reference point from which to make unscientific comparisons. The specific recidivism rates for these programs are as follows:

Ottawa County (Control Group, Attachment C)

**31.4% recidivism rate for substance abuse offenders**

**38.4% recidivism rate for non-substance abuse offenders**

**35.5% average recidivism rate entire control group**

US Department of Justice (3 year study/ 15 states/ 300,000 prison inmates)

**51.8% recidivism rate**

Macomb County (intensive 10 week substance abuse program)

**26% recidivism rate**

Texas Commission on Alcohol and Drug Abuse (in-prison and post-prison program)

**48% recidivism rate for offenders completing in-prison portion only**

**26% recidivism rate for offenders completing entire program**

**53% recidivism rate for offenders receiving no treatment**

Delaware Department of Corrections (Three-phase substance abuse treatment program)

**55% recidivism rate for offenders completing in-prison portion only**

**27% recidivism rate for offenders completing entire program**

**56% recidivism rate for offenders receiving no treatment**

Florida Department of Corrections

(academic, vocational, and substance abuse programs covering 18,414 prison inmates)

**32% recidivism rate for males completing the programs**

**25% recidivism rate for females completing the programs**

New York State Prisons (Intensive three-phase substance abuse treatment program)

**41% recidivism rate for offender completing in-prison portion only**

**22% recidivism rate for offenders completing entire program**

**37% recidivism rate for offenders failing to complete the program**

<sup>1</sup> Child & Family Services developed their own rating system for participants in the post-jail portion of the APT Program that classified them as “successful” or “unsuccessful”. The rating system uses participation and other performance factors in the classification process. Child & Family Services defines a “successful” classification as a program completion.

### **Recommendations:**

The development of a substance abuse treatment program for jail inmates is a worthwhile endeavor. However, the program must be results-oriented, cost-effective, and efficiently administered. The present program, even though it has been improved upon over the last two years, is far from trouble-free. There are low completion rates, cost-justification issues, and other administrative problems. It is not possible to conclusively determine whether the recidivism rates for this program are acceptable, because there is no objective benchmark with which to compare.

Because of the administrative and programmatic problems outlined in this evaluation, it is recommended that the present program be suspended. Nevertheless, it is also recommended that another substance abuse treatment program be developed for jail inmates. The new program should be guided by specific parameters, controls, and objectives that are developed and clearly outlined in a revised Request for Proposal (RFP). The following changes should be made before another substance abuse program is implemented:

1. The measures of effectiveness and success should be clearly defined.
2. Recidivism rates, the duration time for which recidivism will be measured, the database design, and a clear definition of recidivism should be targeted.
3. A not-to-exceed compensation formula that is based on “program completion” or other performance-based variables should be established.
4. A simple psychological profile should be administered to categorize participants, customize treatment, and provide a mechanism that will simplify the process of selecting a control group for evaluation purposes.
5. The program provider should be more involved in the screening and selection of participants prior to sentencing. Protocols should be developed to define inmate admittance requirements and sentencing conditions. Eligibility requirements (county resident, alcohol/drug abuse, minimum time sentenced, etc.) must be established and closely followed.
6. A single-point-of-contact, for the county and provider, should be established. The single-point-of-contact will be responsible for contract compliance.
7. A data flow analysis should be developed to determine responsibilities for the collection, record keeping, reporting, formatting, and entry of program data.
8. The frequency, type, standards, and formats for performance reports should be developed.
9. The minimum duration for all program treatment phases and the maximum allowable lapse of time between phases should be established.
10. The treatment process and/or program curriculum must be clearly defined and documented in a written format.
11. Any changes or deviation from the provider’s proposal and contract must be approved in-writing by the County.
12. The contract should include a sunset date at which time the program’s effectiveness and cost will be reviewed.

# **Attachment A**

## **Database Variables**

# Attachment A

## APT Evaluation Database Key

### Variables Included in APT Evaluation

#### BSAP ID Number (2)

#### Jail ID Number (1)

#### Case Number (1)

#### Name (1)

#### Address (1)

#### Type of Conviction (1)

- 1 = alcohol
- 2 = drug
- 3 = other

#### Age at Time of Crime (4)

#### Date of Birth (1)

#### Incident Date (1)

#### Gender (1)

- 1 = male
- 2 = female

#### Race/Ethnicity (1)

- 1 = white
- 2 = black
- 3 = Hispanic
- 4 = Asian
- 5 = Other

#### Incident Location (1)

- 1 = City of Coopersville
- 2 = City of Ferrysburg
- 3 = City of Grand Haven
- 4 = City of Holland
- 5 = City of Hudsonville
- 6 = City of Zeeland
- 7 = Village of Spring Lake
- 8 = Allendale Township
- 9 = Blendon Township
- 10 = Chester Township
- 11 = Crockery Township
- 12 = Georgetown Township
- 13 = Grand Haven Township
- 14 = Holland Township
- 15 = Jamestown Township
- 16 = Olive Township
- 17 = Park Township
- 18 = Polkton Township
- 19 = Port Sheldon Township
- 20 = Robinson Township
- 21 = Spring Lake Township
- 22 = Tallmadge Township
- 23 = Wright Township
- 24 = Zeeland Township

#### County of Residence (4)

- 1 = Ottawa
- 2 = other

#### Sentencing Court Jurisdiction (1)

- 1 = District Court Case
- 2 = Circuit Court Case

#### District Court (1)

- 1 = Grand Haven
- 2 = Holland
- 3 = Hudsonville

#### Substance Addiction (2)

- 1 = Alcohol
- 2 = Heroin
- 3 = Methadone
- 4 = Other Opiates
- 5 = Barbiturates
- 6 = Sedatives/Tranquilizers
- 7 = Cocaine
- 8 = Amphetamines
- 9 = Cannabis
- 10 = Hallucinogens
- 11 = Inhalants
- 12 = Alcohol and Drug
- 13 = Polydrug

#### APT Eligible (4)

- 1 = yes
- 2 = no

#### RFP Eligible (4)

- 1 = yes
- 2 = no

#### BSAP/ASI Completed (2)

- 1 = yes
- 2 = no

#### Enrolled in Phase II/III (3)

- 1 = Yes
- 2 = No

#### Sentenced to Program (1)

- 1 = yes
- 2 = no

#### Volunteered for Program (4)

- 1 = yes
- 2 = no

#### Date Enrolled in Phase I (2)

#### Date Completed Phase I (2)

#### Completed Phase I (2)

- 1 = yes
- 2 = no

#### Date Enrolled in Phase II/III (3)

#### Date Completed Phase II/III (3)

#### Completed Phase II/III (3)

- 1 = yes
- 2 = no

#### Phase II/III Outcome (3)

- 1 = yes
- 2 = no

#### Days in Phase I (4)

#### Days Between Phase I/II (4)

#### Jail Time Sentenced (1)

Number of days

#### Jail Time Served (1)

Number of days

#### Jail Time Completed (1)

- 1 = yes
- 2 = no

#### Jail Time Reduced (4)

Number of days

#### Probation Sentenced (1)

Number of days

#### Traditional Probation (1)

- 1 = yes
- 2 = no

#### ISP Probation (1)

- 1 = yes
- 2 = no

#### Electronic Monitoring (1)

- 1 = yes
- 2 = no

#### Recidivism (1)

- 1 = 0-1 years
- 2 = 1-2 years
- 3 = 2-3 years
- 4 = 3+ years

#### Type of Recidivism (1)

- 1 = arrest
- 2 = probation violation

# Attachment A

## APT Evaluation Database Key

### Variables Included in APT Evaluation

#### Data Source

##### Alcohol/Drug Tests (5)

Number taken

##### Probation Violation #1 (1)

- 1 = New Offense
- 2 = Curfew Violation
- 3 = Alcohol/Drug Violation
- 4 = Failure to Work
- 5 = Failure to Attend Couns.
- 6 = Other

##### Probation Violation #2 (1)

- 1 = New Offense
- 2 = Curfew Violation
- 3 = Alcohol/Drug Violation
- 4 = Failure to Work
- 5 = Failure to Attend Couns.
- 6 = Other

##### Probation Violation #3 (1)

- 1 = New Offense
- 2 = Curfew Violation
- 3 = Alcohol/Drug Violation
- 4 = Failure to Work
- 5 = Failure to Attend Couns.
- 6 = Other

##### 1. CJUS

Jail ID  
Case Number  
Name  
Address  
Type of Conviction  
Date of Birth  
Incident Date  
Gender  
Race/Ethnicity  
Incident Location  
Sentencing Court Jurisdiction  
District Court  
Sentenced to Program  
Jail Time Sentenced  
Jail Time Served  
Jail Time Completed  
Probation Sentenced  
Traditional Probation  
ISP Probation  
Electronic Monitoring  
Recidivism  
Type of Recidivism  
Probation Violation #1  
Probation Violation #2  
Probation Violation #3

##### 2. West Michigan Therapy

Substance Addiction  
BSAP ID number  
BSAP/ASI Completed  
Date Enrolled in Phase I  
Date Completed Phase I  
Completed Phase I

##### 3. Child & Family Services

Date Enrolled in Phase II/III  
Date Completed Phase II/III  
Completed Phase II/ III  
Phase II/III Outcome  
Enrolled in Phase II/III

##### 4. Calculated Data

Jail Time Reduced  
Age at time of Crime  
County of Residence  
Volunteered for Program  
APT Eligible  
RFP Eligible  
Days in Phase I  
Days between Phase I/II

##### 5. Ottawa County Probation & Parole

Alcohol/Drug Tests

# **Attachment B**

## **Curriculum Documentation**

# **Attachment C**

## **Control Group Recidivism**

## Attachment C

### APT Evaluation Control Group Recidivism

Conditions for inclusion in this control group: 1 or more days jail time sentenced and served.

	<b>26 Months 9/1/97 – 10/31/99</b>	
	<b>Frequency</b>	<b>Percent</b>
Total Sentenced	7047	
Number Recidivated (at least once)	2505	35.5%
<b>Substance Abuser/Non-Abuser Breakdown:</b>		
Substance Abuse: Total Sentenced	2890	
Substance Abuse: Recidivated	907	31.4%
Non-Substance Abuse: Total Sentenced	4157	
Non-Substance Abuse: Recidivated	1598	38.4%