

State of New York
DEPARTMENT OF CORRECTIONS
AND COMMUNITY SUPERVISION

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INMATE MORTALITY REPORT:
2009 – 2012



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Governor



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TABLE OF CONTENTS

Table of Contents.....	i
Executive Summary.....	ii
Introduction.....	1
Section	
One Cause of Death.....	2
Two Gender of Decedents.....	6
Three Age of Decedents.....	8
Four Race/Ethnic Status	11
Five Region of Commitment.....	13
Six Commitment Offense.....	15
Appendix : Population Sub-Groups By Age and Race/Ethnic Status.....	17

INMATE MORTALITY REPORT: 2009 - 2012

Executive Summary

- ◆ A total of 501 inmate deaths occurred during the four year period from 2009-2012.
- ◆ Deaths due to natural causes accounted for 81% or 404 of total inmate deaths from 2009 to 2012; followed by suicides, 11% or 55; AIDS-related illnesses, 4% or 20; homicides, 2% or 8; accidental deaths, 1% or 6; accidental drug overdose, 1% or 6; and other deaths, <1% or 2.
- ◆ The overall annual inmate mortality rate for this four year period was 21.3 deaths per 10,000 inmates.
- ◆ The annual death rate among male inmates, 21.6 per 10,000 inmates, was higher than the rate for female inmates, 15.7 per 10,000 inmates.
- ◆ While the annual inmate mortality rate due to natural causes was 17.2 deaths per 10,000 inmates, the rate due to AIDS-related deaths was only 0.9 deaths per 10,000 inmates.
- ◆ Natural causes was the most frequent cause of death in all age groups except for the 16-24 year old group.
- ◆ Inmates 65 and over represented 1% of the inmate population, but 24% of total deaths during this period. This age group had the highest annual mortality rate (347.8 deaths per 10,000 inmates).

INTRODUCTION

This report examines the 501 inmate and incarcerated parolee deaths that occurred in the Department of Corrections and Community Supervision (DOCCS) from 2009 through 2012¹. The number of inmate deaths ranged from a high of 144 in 2009 to a low of 115 in 2012. During the four years covered by this report the inmate death rate was 21.3 per 10,000 inmates.

Inmate deaths are initially reported by correctional facility personnel to the Department's Communication Control Center located in Albany through the Unusual Incident Reporting system. Later, medical staff at the facility submit a detailed report to the DOCCS Division of Health Services that outlines circumstances surrounding the inmate's death, details medical procedures used, and establishes preliminary cause of death. Cause of death and contributing factors are determined when the final autopsy report is completed by county coroners and sent to Health Services. All data for cause of death are based upon reports verified by Health Services.

All deaths of inmates legally incarcerated under the custody of DOCCS are included in this report. Deaths not included are those that occur among escapees; absconders; and OMH detainees in DOCCS custody but under the jurisdiction of the Office of Mental Health (OMH) to be evaluated as sex offenders.

Information maintained by the Division of Health Services, Unusual Incident Reports, and demographic information contained in Department computer files were used to provide the statistics contained in this report.

The "cause of death" categories reflect those categories used by State correctional agencies to report inmate deaths to the federal government, for use in the Justice Department's Bureau of Justice Statistics (BJS) reports on inmate mortality². The actual number of deaths reported for New York State is slightly lower in Federal reports due to the exclusion of incarcerated parolees.

¹ This report on inmate deaths from 2009 through 2012 refers to the Department of Corrections and Community Supervision (DOCCS) since the Department of Correctional Services (DOCS) and the Division of Parole merged on April 1, 2011.

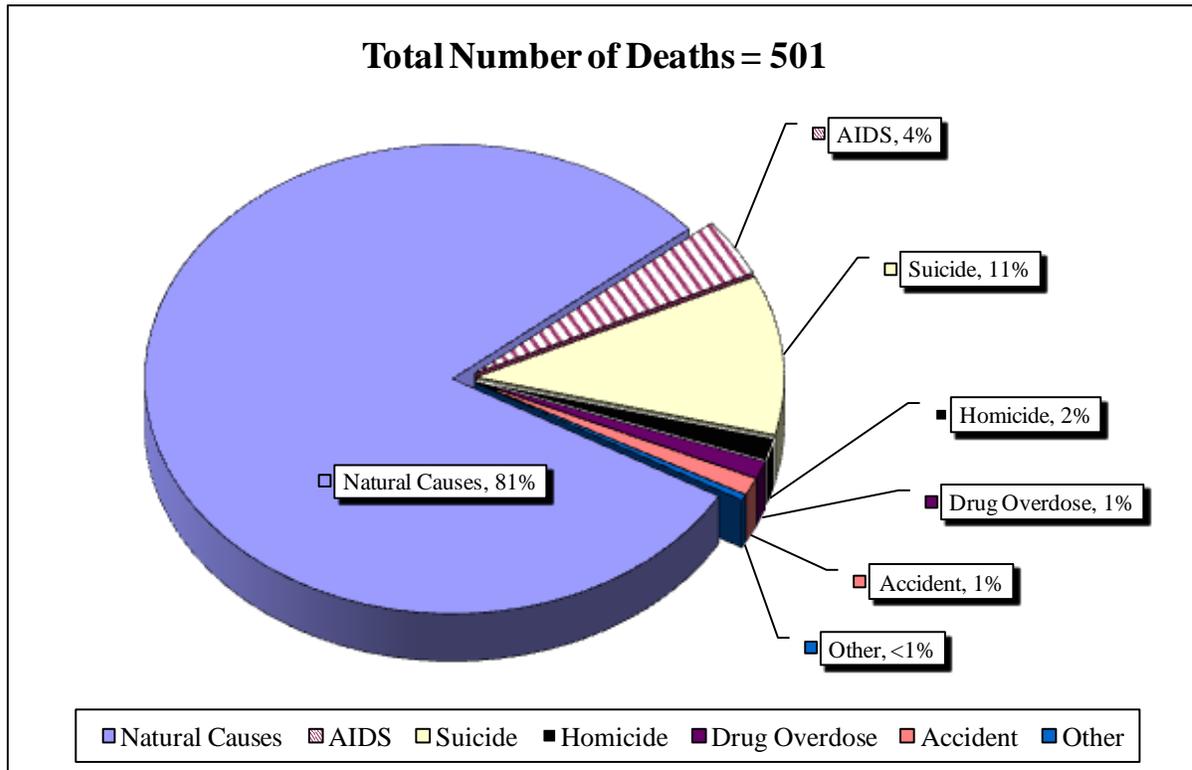
² Available online: Mortality in Local Jails and State Prisons, 2000-2011 - Statistical Tables (see pages 19-40) <http://www.bjs.gov/content/pub/pdf/mljsp0011.pdf>

SECTION ONE

CAUSE OF DEATH

Cause of death is divided into seven categories: natural causes, Acquired Immune Deficiency Syndrome (AIDS), homicide, suicide, drug overdose (Drug OD), accidental death, and other. The most common cause of death from 2009 through 2012 was natural causes, such as heart attack, cancer (not AIDS-related), or cirrhosis of the liver. Deaths by natural causes during the study period were followed in frequency by suicides; AIDS-related deaths; homicides; drug overdose deaths; accidental deaths; and other causes.

Figure 1A
Causes of Death
2009 – 2012



Natural Causes

Between 2009 and 2012, 81% or 404 of the inmate deaths were due to natural causes. Inmates who died of natural causes were, on average, 57 years old at the time of death. The annual death rate from natural causes over the 2009-2012 period was 17.2 deaths per 10,000 inmates of population. Among inmates who died from natural causes, 80% or 289 were

convicted of a violent felony, 8% or 32 were convicted of other coercive crimes, 10% or 41 were convicted of a drug felony, and 10% or 42 were convicted of property and other crimes.

Suicide

Fifty-five inmates committed suicide during the 2009–2012 period. The average age for inmate suicide victims was 40 years old. The method of death was hanging in 98% or 54 of the suicide cases. The remaining suicide death (2%) resulted from self-administered cuts. Among inmates who committed suicide, 76% or 42 were convicted of a violent felony, 9% were convicted of other coercive crimes, 7% were convicted of a drug felony, and 7% were convicted of property and other crimes.

AIDS

Twenty inmates died as a result of AIDS-related causes during the period 2009–2012. The average age at death for AIDS-related deaths was 50 years old. The death rate for AIDS-related causes was 0.9 deaths per 10,000 inmates.

Accident

Six inmates died due to accidents during the 2009–2012 study period.

Drug Overdose

Six inmates died of accidental drug overdose. The average age for accidental drug overdose victims was 39 years old.

Homicide

Eight inmates died of homicide between 2009 and 2012. All of the homicides occurred within correctional facilities. Two of the inmates died as a result of stab or slash wounds inflicted by other inmates, while five died as a result of assaults. According to the autopsy report, one inmate died as a result of several gun shot wounds received during the commission of his commitment crime while in the community which occurred several years prior to his death while in DOCCS custody. All eight of the homicide victims had been committed for a violent felony offense.

Other

Lastly, the Division of Health Services' review of the autopsy reports concluded that two inmates died due to reasons that do not fit into any of the other categories. The county coroner autopsy reports show cause of death as "sudden death due to unknown causes".

Mortality Rates

The use of mortality rates allows for comparison of the number of deaths among subgroups of the inmate population. This is especially useful for comparisons over time or for comparisons among subgroups that differ in their proportion of the total under custody population. Mortality rates reflect the annual number of deaths per 10,000 inmates.

The reader is urged to use caution in making comparisons across subgroups when the number of deaths is low for any particular year. Mortality rates between individual subgroups may vary considerably when making year-to-year comparisons. These differences may be due to chance occurrences within calendar year measurement periods instead of statistically significant events measured across the four-year period of the study.

The overall inmate annual mortality rate for the four year period 2009-2012 was 21.3 deaths per 10,000 inmates.

Mortality Rates due to Natural Causes

The chart below illustrates the importance of deaths due to natural causes in determining the total mortality rate for DOCCS inmates since deaths due to natural causes represent 81% of all deaths during this period. The overall inmate mortality rate from 2009-2012 was largely determined by deaths due to natural causes. The inmate annual mortality rate due to natural causes during this four year period was 17.2 deaths per 10,000 inmates.

Mortality Rates due to AIDS

In contrast, the rate of AIDS related deaths annually during this period was only 1 death annually per 10,000 inmates.

Figure 1B
Mortality Rates Per 10,000 for Total, Natural Causes and AIDS

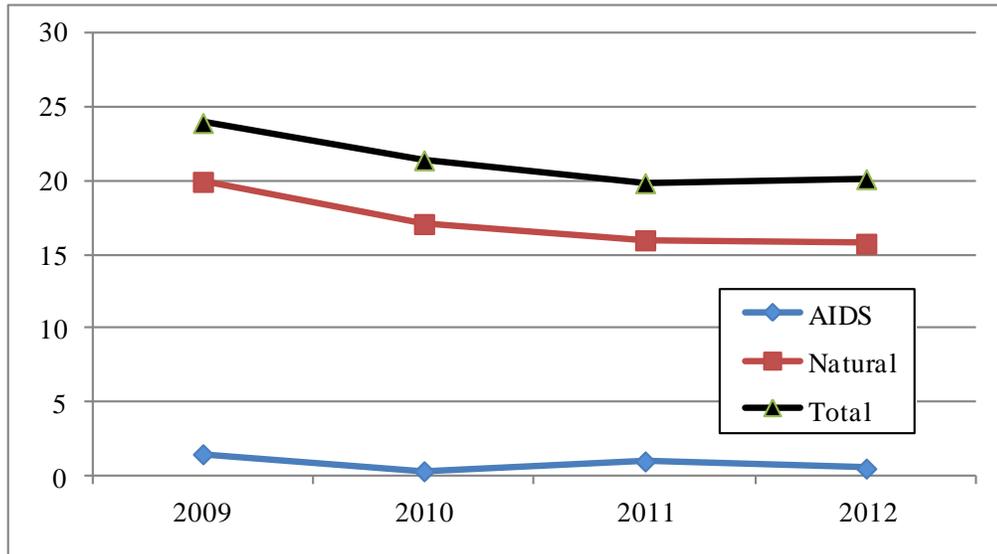


Table 1
Cause of Death, Average Age, and Death Rate by Year
2009-2012

Cause of Death	2009	2010	2011	2012	Total
Count					
Natural Causes	120	99	95	90	404
AIDS	9	2	6	3	20
Suicide	10	20	11	14	55
Homicide	2	1	3	2	8
Drug Overdose	1	0	1	4	6
Accident	1	2	1	2	6
Other	1	0	1	0	2
Total	144	124	118	115	501
Percentage					
Natural Causes	83.3%	79.8%	80.5%	78.3%	80.6%
AIDS	6.3%	1.6%	5.1%	2.6%	4.0%
Suicide	6.9%	16.1%	9.3%	12.2%	11.0%
Homicide	1.4%	0.8%	2.5%	1.7%	1.6%
Drug Overdose	0.7%	0.0%	0.8%	3.5%	1.2%
Accident	0.7%	1.6%	0.8%	1.7%	1.2%
Other	0.7%	0.0%	0.8%	0.0%	0.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%
Average Age					
Natural Causes	56.5	57.9	59.8	55.5	57.4
AIDS	49.1	47.6	54.8	43.4	49.8
Suicide	40.4	35.5	44.3	41.0	39.5
Homicide	45.9	44.3	42.9	36.5	42.3
Drug Overdose	29.6	0.0	34.2	42.2	38.8
Accident	51.6	52.6	45.1	65.2	55.4
Other	49.2	0.0	32.1	0.0	40.7
Total	54.5	53.9	57.1	52.8	54.6
Death Rate*					
Natural Causes	19.93	17.08	15.97	15.74	17.20
AIDS	1.49	0.34	1.01	0.52	0.85
Suicide	1.66	3.45	1.85	2.45	2.34
Homicide	0.33	0.17	0.50	0.35	0.34
Drug Overdose	0.17	0.00	0.17	0.70	0.26
Accident	0.17	0.34	0.17	0.35	0.26
Other	0.17	0.00	0.17	0.00	0.09
Total	23.91	21.39	19.84	20.11	21.33

* Deaths per 10,000 inmates under custody.

SECTION TWO

GENDER OF DECEDENTS

The overall under custody inmate population during the four-year study period 2009 through 2012 consisted of 95.9% men and 4.1% women. These percentages were almost the same for the decedent population, which were 96.4% male (N=483) and 3.6% female (N=18).

Table 2 shows that the specific causes of death within each gender group were generally similar except that among men 11% of deaths were due to suicide compared to 6% for females.

Table 2 also shows the cause of death, mortality rate and average age by gender. The death rate among male inmates, at 21.6 per 10,000 inmates, was higher than that for female inmates, at 15.7 per 10,000 inmates.

Figure 2
Rate of Deaths per 10,000 inmates by Gender and Cause
2009 – 2012

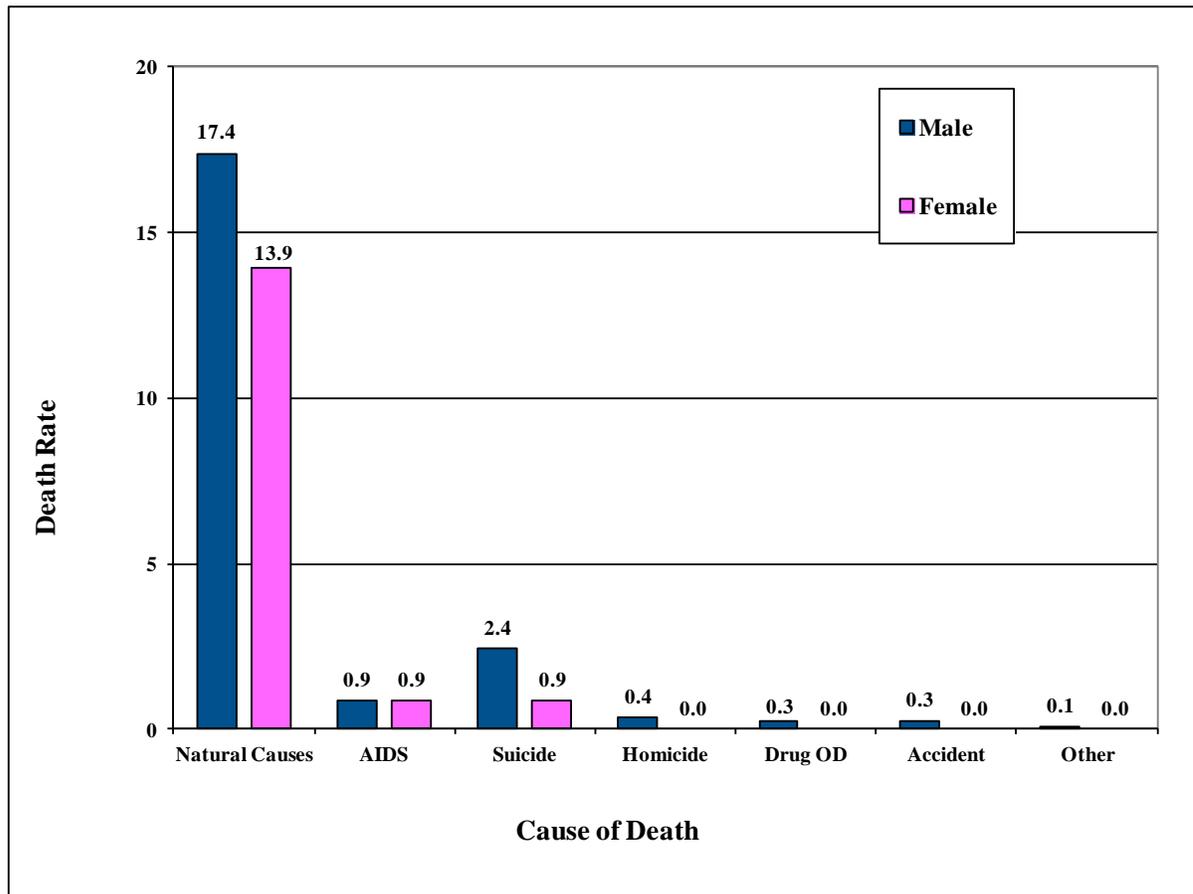


Table 2
Cause of Death, Average Age, Death Rate by Gender
2009 – 2012

Cause of Death	Male	Female	Total
Count			
Natural Causes	388	16	404
AIDS	19	1	20
Suicide	54	1	55
Homicide	8	0	8
Drug Overdose	6	0	6
Accident	6	0	6
Other	2	0	2
Total	483	18	501
	96.4%	3.6%	100.0%
Percentage			
Natural Causes	80.3%	88.9%	80.6%
AIDS	3.9%	5.6%	4.0%
Suicide	11.2%	5.6%	11.0%
Homicide	1.7%	0.0%	1.6%
Drug Overdose	1.2%	0.0%	1.2%
Accident	1.2%	0.0%	1.2%
Other	0.4%	0.0%	0.4%
Total	100.0%	100.0%	100.0%
Average Age			
Natural Causes	57.6	51.4	57.4
AIDS	50.0	45.8	49.8
Suicide	39.9	23.0	39.5
Homicide	42.3	.	42.3
Drug Overdose	38.8	.	38.8
Accident	55.4	.	55.4
Other	40.7	.	40.7
Total	54.7	49.5	54.6
Death Rate*			
Natural Causes	17.37	13.93	17.20
AIDS	0.85	0.87	0.85
Suicide	2.42	0.87	2.34
Homicide	0.36	0.00	0.34
Drug Overdose	0.27	0.00	0.26
Accident	0.27	0.00	0.26
Other	0.09	0.00	0.09
Total	21.62	15.67	21.33

* Annual deaths per 10,000 inmates under custody.

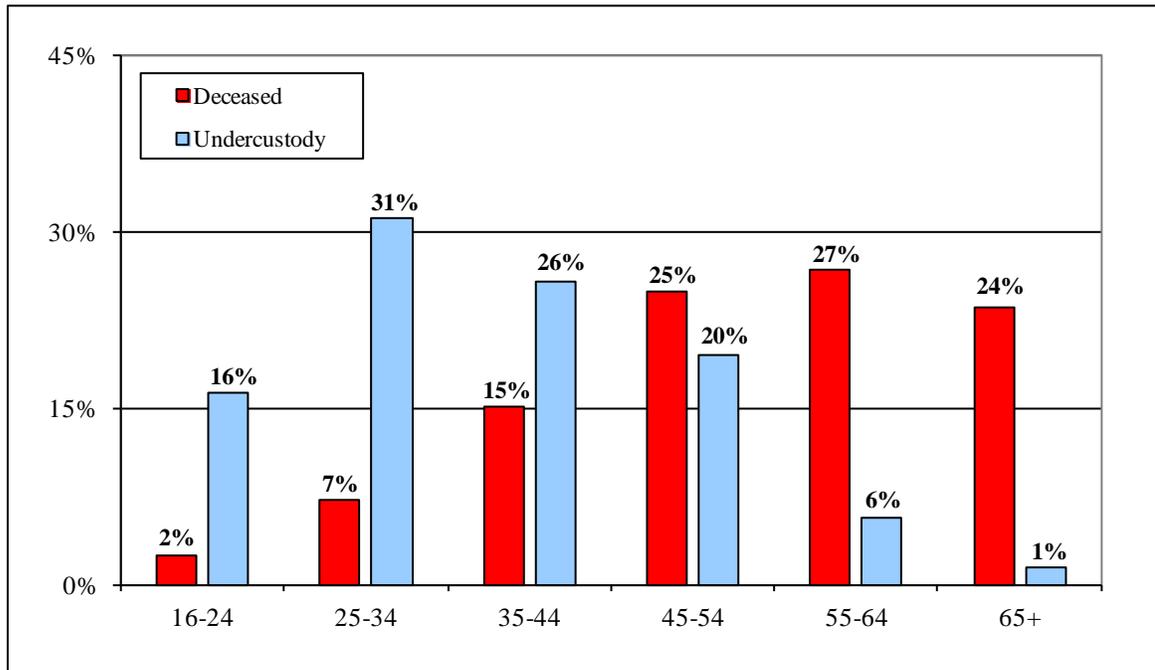
SECTION THREE

AGE OF DECEDENTS

A comparison of age of decedents and the under custody population for the four-year study period is displayed in Figure 3A. There are proportionately fewer deaths among the younger age groups. The 16-24 age group comprised 16% of the under custody population but only 2% of the decedents. On the other hand, the 65+ category comprised 1% of DOCCS inmates, but accounted for 24% of deaths.

The largest number of deaths (N=134) occurred in the 55-64 age group. Within the 55-64 age group, 122 or 91% of the deaths were due to natural causes. For all age groups, except the 16-24 year olds, death due to natural causes was the most frequent cause of death (see Table 3). Among inmates 16-24, suicide was the most frequent cause of death.

Figure 3A
Age of Inmates
Decedents vs. Under Custody Inmates
2009 - 2012



As might be expected, mortality rates by age show that as inmates became older their chance of dying in prison increased. Inmates aged 16-24 had the lowest death rate (3.2 per 10,000), while inmates aged 65 and over had the highest rate (347.7 per 10,000 inmates).

Figure 3B
Mortality Rates for All Causes of Death
2009 – 2012 by Age Group

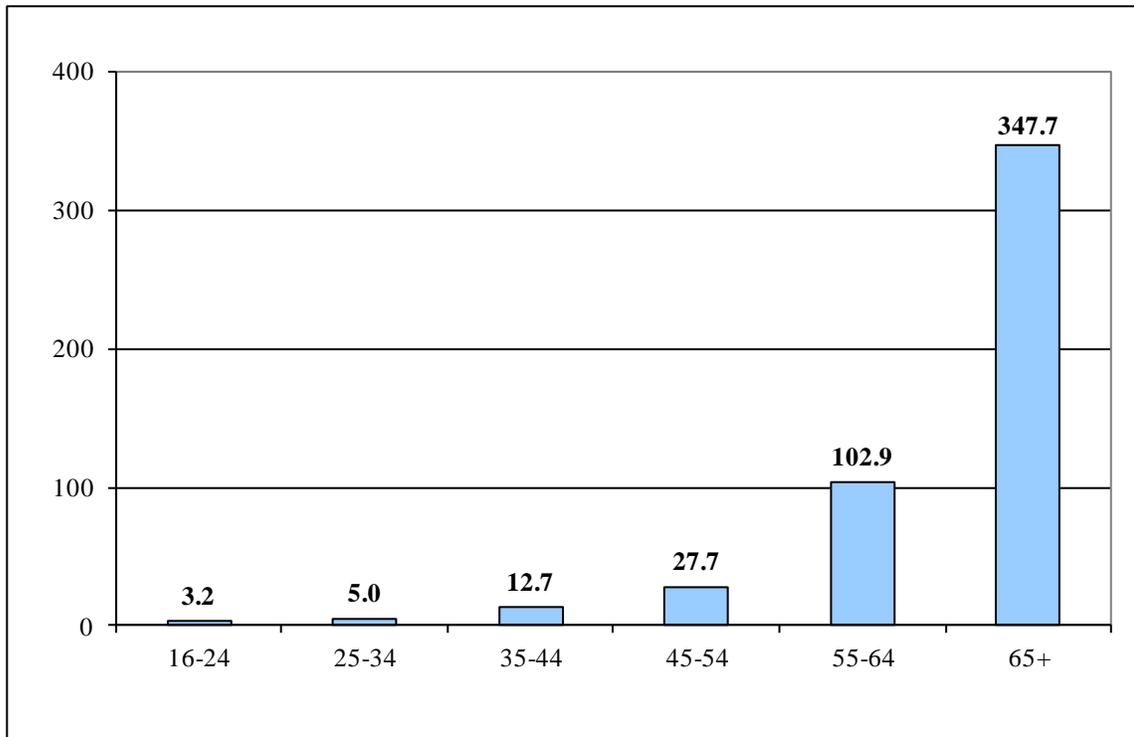


Table 3: Age and Cause of Death by Year of Death, 2009 – 2012

Age and Cause of Death	2009	2010	2011	2012	Total			Percent by Age Group
					Count	Percent	Rate*	
16-24								
Natural Causes	1	1	0	1	3	0.6%	0.79	25.0%
AIDS	0	0	0	0	0	0.0%	0.00	0.0%
Suicide	2	7	0	0	9	1.8%	2.38	75.0%
Homicide	0	0	0	0	0	0.0%	0.00	0.0%
Drug Overdose	0	0	0	0	0	0.0%	0.00	0.0%
Accident	0	0	0	0	0	0.0%	0.00	0.0%
Other	0	0	0	0	0	0.0%	0.00	0.0%
Total	3	8	0	1	12	2.4%	3.18	100.0%
25-34								
Natural Causes	7	5	2	4	18	3.6%	2.50	50.0%
AIDS	1	0	0	1	2	0.4%	0.28	5.6%
Suicide	0	3	3	5	11	2.2%	1.53	30.6%
Homicide	0	0	1	1	2	0.4%	0.28	5.6%
Drug Overdose	1	0	1	0	2	0.4%	0.28	5.6%
Accident	0	0	0	0	0	0.0%	0.00	0.0%
Other	0	0	1	0	1	0.2%	0.14	2.8%
Total	9	8	8	11	36	7.2%	5.01	100.0%
35-44								
Natural Causes	14	14	10	11	49	9.8%	8.22	64.5%
AIDS	2	1	0	0	3	0.6%	0.50	3.9%
Suicide	4	5	4	4	17	3.4%	2.85	22.4%
Homicide	1	1	1	1	4	0.8%	0.67	5.3%
Drug Overdose	0	0	0	3	3	0.6%	0.42	3.9%
Accident	0	0	0	0	0	0.0%	0.00	0.0%
Other	0	0	0	0	0	0.0%	0.00	0.0%
Total	21	21	15	19	76	15.2%	12.74	100.0%
45-54								
Natural Causes	30	18	24	25	97	19.4%	21.47	77.6%
AIDS	4	1	3	2	10	2.0%	2.21	8.0%
Suicide	3	2	2	4	11	2.2%	2.43	8.8%
Homicide	1	0	0	0	1	0.2%	0.22	0.8%
Drug Overdose	0	0	0	1	1	0.2%	0.22	0.8%
Accident	1	1	1	1	4	0.8%	0.89	3.2%
Other	1	0	0	0	1	0.2%	0.22	0.8%
Total	40	22	30	33	125	25.0%	27.67	100.0%
55-64								
Natural Causes	36	28	25	33	122	24.4%	93.70	91.0%
AIDS	1	0	3	0	4	0.8%	3.07	3.0%
Suicide	1	3	1	1	6	1.2%	4.61	4.5%
Homicide	0	0	1	0	1	0.2%	0.77	0.7%
Drug Overdose	0	0	0	0	0	0.0%	0.00	0.0%
Accident	0	1	0	0	1	0.2%	0.77	0.7%
Other	0	0	0	0	0	0.0%	0.00	0.0%
Total	38	32	30	34	134	26.7%	102.92	100.0%
65+								
Natural Causes	32	33	34	16	115	23.0%	338.91	97.5%
AIDS	1	0	0	0	1	0.2%	2.95	0.8%
Suicide	0	0	1	0	1	0.2%	2.95	0.8%
Homicide	0	0	0	0	0	0.0%	0.00	0.0%
Drug Overdose	0	0	0	0	0	0.0%	0.00	0.0%
Accident	0	0	0	1	1	0.2%	2.95	0.8%
Other	0	0	0	0	0	0.0%	0.00	0.0%
Total	33	33	35	17	118	23.6%	347.75	100.0%
Total								
Natural Causes	120	99	95	90	404	80.6%	17.52	80.6%
AIDS	9	2	6	3	20	4.0%	0.87	4.0%
Suicide	10	20	11	14	55	11.0%	2.38	11.0%
Homicide	2	1	3	2	8	1.6%	0.35	1.6%
Drug Overdose	1	0	1	4	6	1.2%	0.26	1.2%
Accident	1	2	1	2	6	1.2%	0.26	1.2%
Other	1	0	1	0	2	0.4%	0.09	0.4%
Total	144	124	118	115	501	100.0%	21.72	100.0%

* Rate of death per 10,000 inmates in each age group.

SECTION FOUR

RACE/ETHNIC STATUS

For purposes of this report, inmates are categorized into four primary race/ethnic groups: White, African-American, Hispanic, and Other (which includes Native-American and Asian). Inmates who did not indicate their race/ethnic status or where race/ethnic was not coded are designated as unknown.

Figure 4 compares the race/ethnic distribution of the overall inmate under custody population with that of deceased inmates for the years 2009 through 2012. The graph shows that the percentage of deceased inmates classified as White (34%) was greater than the percentage of White inmates in the under custody population (23%). A smaller percentage of African-American inmates died (40%) when compared to their proportion in the inmate population (50%). The proportion of decedents who were Hispanic (23%) was slightly below their overall representation in the under custody population (25%).

Death rate per 10,000 for Whites was almost twice that for African-Americans. Suicide rate for Whites was substantially higher than that for any other ethnic group.

Figure 4
Race/Ethnicity of Inmates
Decedents vs. Under Custody Inmates
2009 – 2012

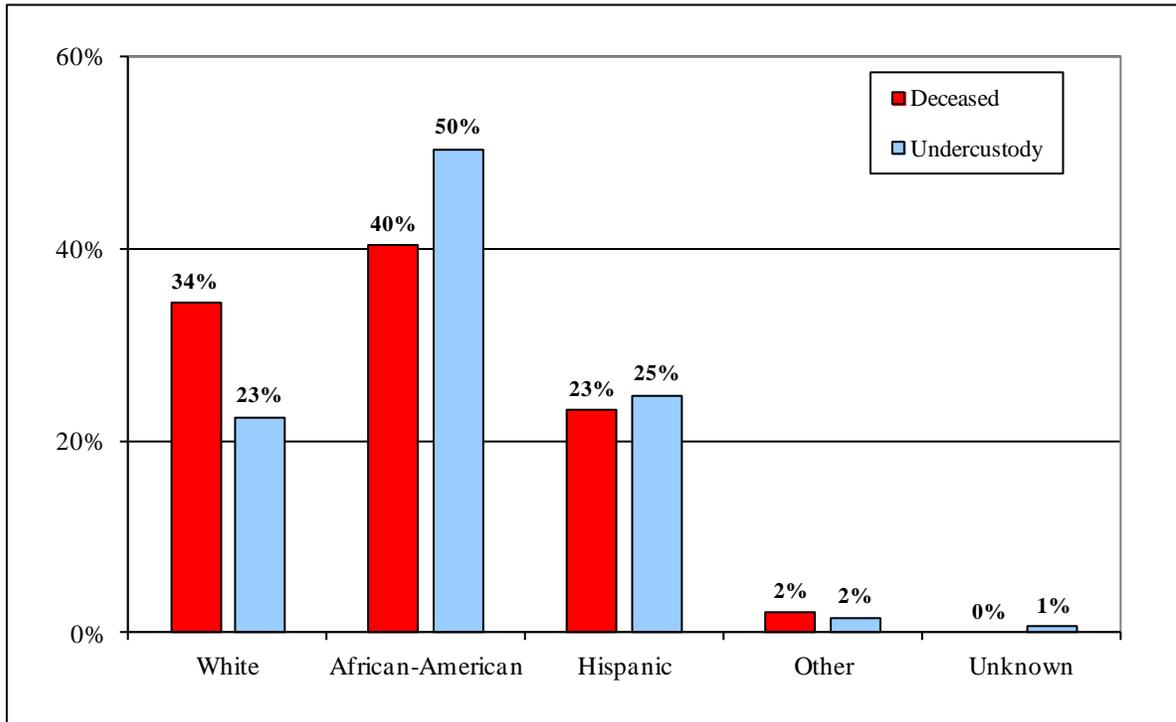


Table 4: Race/Ethnicity and Cause of Death by Year of Death, 2009 – 2012

Race/Ethnic and Cause of Death	2009	2010	2011	2012	Total			Sub-Total
					Total 2009-2012	Rate*	Total Percent	Percent by Race/ethnic
White								
Natural Causes	40	32	38	29	139	26.73	27.7%	80.8%
AIDS	0	0	1	2	3	0.58	0.6%	1.7%
Suicide	4	6	6	5	21	4.04	4.2%	12.2%
Homicide	0	0	2	0	2	0.38	0.4%	1.2%
Drug OD	1	0	1	1	3	0.58	0.6%	1.7%
Accident	1	1	0	1	3	0.58	0.6%	1.7%
Other	1	0	0	0	1	0.19	0.2%	0.6%
Total	47	39	48	38	172	33.08	34.3%	100.0%
African-American								
Natural Causes	47	51	30	39	167	14.34	33.3%	82.7%
AIDS	7	1	4	1	13	1.12	2.6%	6.4%
Suicide	3	6	2	4	15	1.29	3.0%	7.4%
Homicide	1	0	0	2	3	0.26	0.6%	1.5%
Drug OD	0	0	0	1	1	0.09	0.2%	0.5%
Accident	0	1	1	0	2	0.17	0.4%	1.0%
Other	0	0	1	0	1	0.09	0.2%	0.5%
Total	58	59	38	47	202	17.35	40.3%	100.0%
Hispanic								
Natural Causes	30	16	25	20	91	15.90	18.2%	78.4%
AIDS	2	1	1	0	4	0.70	0.8%	3.4%
Suicide	2	5	3	5	15	2.62	3.0%	12.9%
Homicide	1	1	1	0	3	0.52	0.6%	2.6%
Drug OD	0	0	0	2	2	0.35	0.4%	1.7%
Accident	0	0	0	1	1	0.17	0.2%	0.9%
Other	0	0	0	0	0	0.00	0.0%	0.0%
Total	35	23	30	28	116	20.27	23.2%	100.0%
Other								
Natural Causes	3	0	2	2	7	18.71	1.4%	63.6%
AIDS	0	0	0	0	0	0.00	0.0%	0.0%
Suicide	1	3	0	0	4	10.69	0.8%	36.4%
Homicide	0	0	0	0	0	0.00	0.0%	0.0%
Drug OD	0	0	0	0	0	0.00	0.0%	0.0%
Accident	0	0	0	0	0	0.00	0.0%	0.0%
Other	0	0	0	0	0	0.00	0.0%	0.0%
Total	4	3	2	2	11	29.40	2.2%	100.0%
Unknown								
Natural Causes	0	0	0	0	0	0.00	0.0%	0.0%
AIDS	0	0	0	0	0	0.00	0.0%	0.0%
Suicide	0	0	0	0	0	0.00	0.0%	0.0%
Homicide	0	0	0	0	0	0.00	0.0%	0.0%
Drug OD	0	0	0	0	0	0.00	0.0%	0.0%
Accident	0	0	0	0	0	0.00	0.0%	0.0%
Other	0	0	0	0	0	0.00	0.0%	0.0%
Total	0	0	0	0	0	0.00	0.0%	0.0%
Total								
Natural Causes	120	99	95	90	404	17.52	80.6%	80.6%
AIDS	9	2	6	3	20	0.87	4.0%	4.0%
Suicide	10	20	11	14	55	2.38	11.0%	11.0%
Homicide	2	1	3	2	8	0.35	1.6%	1.6%
Drug OD	1	0	1	4	6	0.26	1.2%	1.2%
Accident	1	2	1	2	6	0.26	1.2%	1.2%
Other	1	0	1	0	2	0.09	0.4%	0.4%
Total	144	124	118	115	501	21.72	100.0%	100.0%

* Rate of death per 10,000 inmates in each race/ethnic group.

SECTION FIVE

REGION OF COMMITMENT

New York State counties are aggregated into four groups according to region of the state and population centers. The New York City region consists of the following five counties: Bronx, Kings, New York, Queens, and Richmond. Nassau, Rockland, Suffolk, and Westchester counties make up the Suburban New York Region. The Upstate Urban region is composed of counties that have a population center of 50,000 or more residents and includes: Albany, Broome, Erie, Monroe, Oneida, Onondaga, Niagara, Rensselaer, and Schenectady. The Upstate Other region contains the remaining counties of the state.

Figure 5 compares the region of commitment of the under custody population with the region of commitment for deceased inmates during the four-year study period. The overall percent of deceased inmates from each region of the state is approximately the same as the percent of under custody inmates from each region.

However, examining the distribution of deaths by specific cause of death does show differences by region of commitment. Inmates from New York City were 51% of total deaths, but 60% of AIDS deaths, and only 38% of suicide deaths. This contrasts with Upstate Other that had 17% of all inmate deaths, 24% of deaths due to suicide, and 10% of AIDS deaths (see Table 5).

Figure 5
Region of Commitment
2009 - 2012

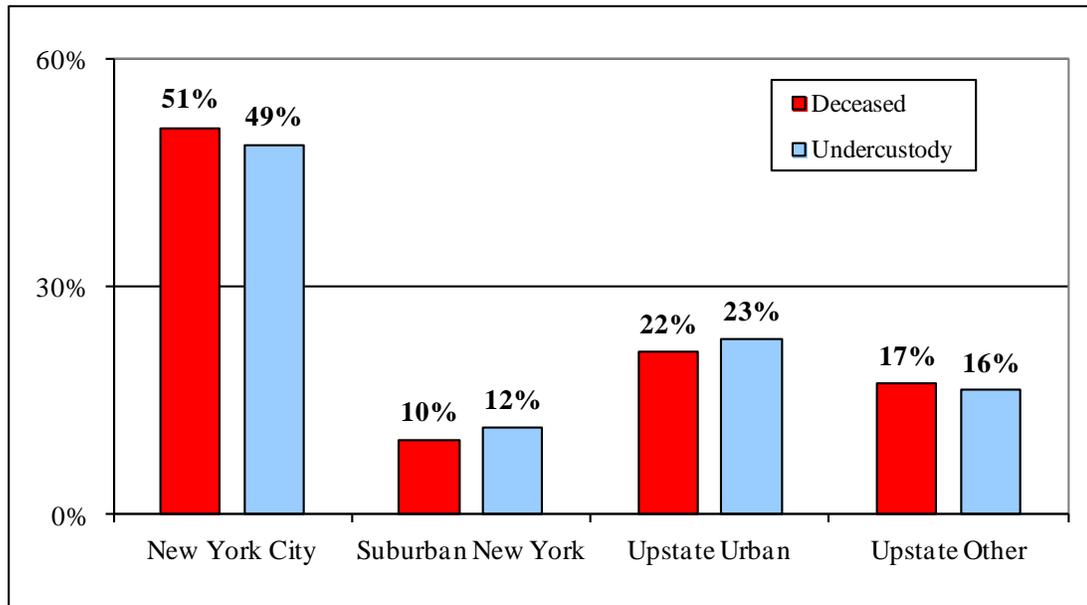


Table 5
Region of Commitment by Cause of Death
2009 – 2012

Cause of Death	New York City	Suburban New York	Upstate Urban	Upstate Other	Total
Percent by Region					
Natural Causes	212	39	85	68	404
AIDS	12	2	4	2	20
Suicide	21	5	16	13	55
Homicide	5	1	1	1	8
Drug OD	2	1	1	2	6
Accident	2	2	1	1	6
Other	2	0	0	0	2
Total	256	50	108	87	501
Percent by Region					
Natural Causes	82.8%	78.0%	78.7%	78.2%	80.6%
AIDS	4.7%	4.0%	3.7%	2.3%	4.0%
Suicide	8.2%	10.0%	14.8%	14.9%	11.0%
Homicide	2.0%	2.0%	0.9%	1.1%	1.6%
Drug OD	0.8%	2.0%	0.9%	2.3%	1.2%
Accident	0.8%	4.0%	0.9%	1.1%	1.2%
Other	0.8%	0.0%	0.0%	0.0%	0.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%
Percent by Cause					
Natural Causes	52.5%	9.7%	21.0%	16.8%	100.0%
AIDS	60.0%	10.0%	20.0%	10.0%	100.0%
Suicide	38.2%	9.1%	29.1%	23.6%	100.0%
Homicide	62.5%	12.5%	12.5%	12.5%	100.0%
Drug OD	33.3%	16.7%	16.7%	33.3%	100.0%
Accident	33.3%	33.3%	16.7%	16.7%	100.0%
Other	100.0%	0.0%	0.0%	0.0%	100.0%
Total	51.1%	10.0%	21.6%	17.4%	100.0%

SECTION SIX

COMMITMENT OFFENSE

This section examines commitment offense and cause of death for decedents and the under custody population for 2009-2012. The total number of felony criminal offenses has been aggregated into four general categories: violent felonies, other coercive offenses, drug offenses, and property or other offenses. Figure 6 compares the commitment offenses of inmates who died to the commitment offenses of the under custody population during the 2009-2012 time period. The graph reveals that inmates committed for a violent felony were more likely to die while in custody, when compared to inmates sentenced for other crimes. Alternatively, offenders committed for drug offenses or for property and other crimes were less likely to die while in custody.

Table 6 provides information on the cause of death of inmates according to specific types of offenses. For example, during the years 2009-2012, 137 inmates sentenced for murder died while in custody. Of these, 117 (85%) died of natural causes, and 13 (9%) died as a result of suicide. Their higher mortality rates were most likely due to their longer sentences.

Figure 6
Crime of Commitment
Decedents vs. Under Custody Inmates
2009 - 2012

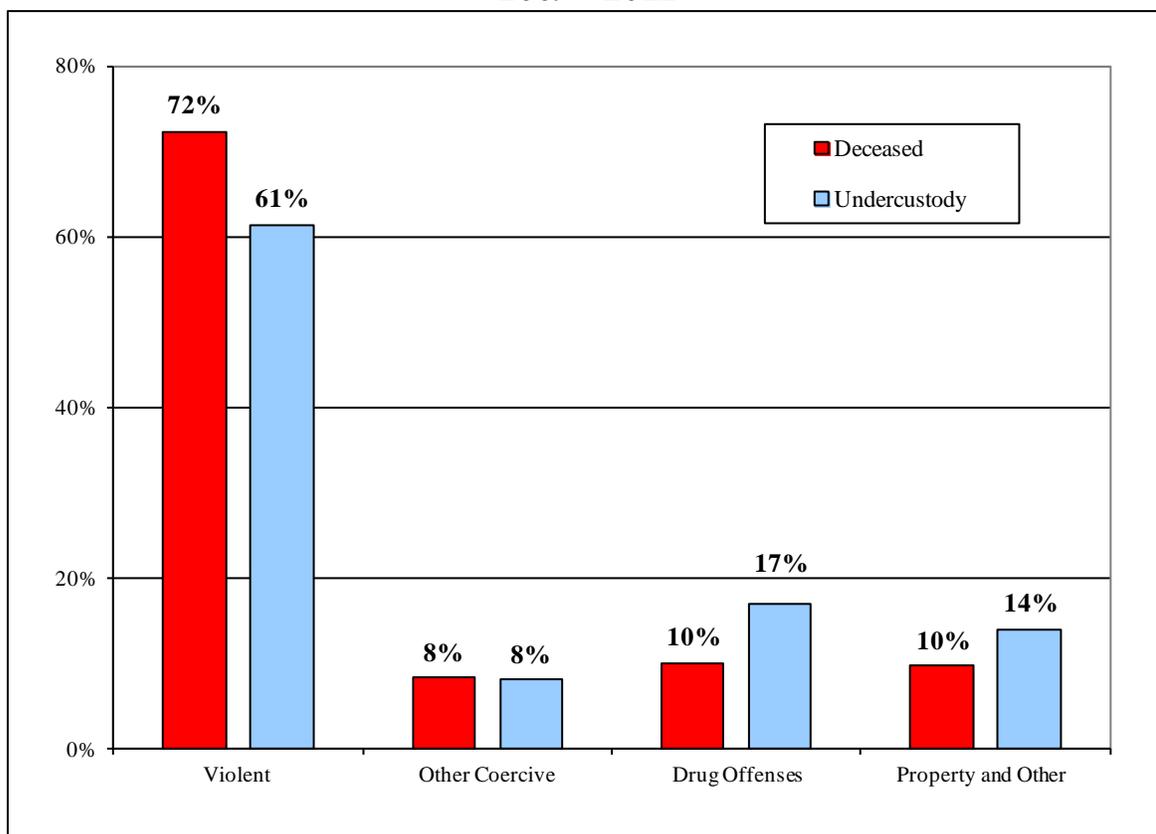


Table 6
Commitment Offense by Cause of Death
2009 – 2012

Crime Category	Natural	AIDS	Suicide	Homicide	Drug OD	Accident	Other	Total
Violent								
Murder	117	3	13	1	1	1	1	137
Attempted Murder	13	2	0	2	0	0	0	17
Manslaughter 1st	10	2	3	0	0	0	0	15
Rape 1st	18	1	5	0	0	0	0	24
Robbery 1st	28	0	2	3	0	0	1	34
Robbery 2nd	11	2	3	1	0	0	0	17
Assault 1st	12	1	0	0	0	0	0	13
Assault 2nd	5	2	1	0	1	0	0	9
Burglary 1st	4	0	0	0	0	0	0	4
Burglary 2nd	15	3	5	0	0	0	0	23
Arson	3	0	0	0	0	0	0	3
Sodomy 1st	23	0	2	0	0	1	0	26
Sex Abuse 1st , Ag.2	17	0	4	0	0	1	0	22
Weapons	8	0	3	1	0	0	0	12
Kidnapping 1st,2nd	5	0	0	0	0	0	0	5
Other VFO Sex Off.	0	0	1	0	0	0	0	1
Subtotal	289	16	42	8	2	3	2	362
	71.5%	80.0%	76.4%	100.0%	33.3%	50.0%	100.0%	72.3%
Other Coercive								
Manslaughter 2nd	3	0	0	0	0	0	0	3
Other Homicide	1	0	0	0	0	0	0	1
Robbery 3rd	11	1	2	0	0	0	0	14
Att Assault 2nd	0	0	0	0	0	0	0	0
Conspiracy 2,3,4	5	1	0	0	0	0	0	6
Other Weapons	4	0	0	0	0	0	0	4
Other Sex Offenses	5	0	3	0	0	1	0	9
Other Coercive	3	0	0	0	1	0	0	4
Subtotal	32	2	5	0	1	1	0	41
	7.9%	10.0%	9.1%	0.0%	16.7%	16.7%	0.0%	8.2%
Drug Offenses								
Drug Offenses	41	2	4	0	2	1	0	50
Subtotal	41	2	4	0	2	1	0	50
	10.1%	10.0%	7.3%	0.0%	33.3%	16.7%	0.0%	10.0%
Property and Other								
Burglary 3rd	15	0	0	0	1	1	0	17
Grand Larceny	7	0	1	0	0	0	0	8
Stolen Property	2	0	0	0	0	0	0	2
Forgery	4	0	0	0	0	0	0	4
Drive Intoxicated	8	0	1	0	0	0	0	9
Contempt 1st	1	0	0	0	0	0	0	1
All Other Felonies	5	0	2	0	0	0	0	7
Subtotal	42	0	4	0	1	1	0	48
	10.4%	0.0%	7.3%	0.0%	16.7%	16.7%	0.0%	9.6%
Grand Total	404	20	55	8	6	6	2	501
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

APPENDIX

Average Daily Population and Average Population by Age and Race/Ethnic Status Used in Report Calculations

The average population for the total population is based on a daily count of inmates under DOCCS custody.

**Table 7
Total Average Daily Population by Gender**

Gender	2009	2010	2011	2012	2009-2012	Percent
	Total Population	Total Population	Total Population	Total Population	Average Population	
Average Daily Population	60,217	57,978	56,720	55,706	57,655	100.0%
Male Average Daily	57,652	55,627	54,437	53,394	55,278	95.9%
Female Average Daily	2,565	2,351	2,283	2,312	2,378	4.1%

The age and race/ethnic status average populations in Table 8 are based upon a twelve point average with one day sampled from each month.

**Table 8
Population Sub-Group Totals
By Race/Ethnic Status and Age**

Sub Group	2009 Total	2010 Total	2011 Total	2012 Total	2009-2012 Average
Race/Ethnic Status					
White	13,017	12,938	12,921	13,117	12,998
African-American	30,922	29,476	28,406	27,648	29,113
Hispanic	15,161	14,431	14,073	13,576	14,310
Other	939	934	907	961	935
Unknown	249	275	464	457	361
Grand Total Race/Ethnic	60,288	58,054	56,771	55,759	57,718
White	21.6%	22.3%	22.8%	23.5%	22.5%
African-American	51.3%	50.8%	50.0%	49.6%	50.4%
Hispanic	25.1%	24.9%	24.8%	24.3%	24.8%
Other	1.6%	1.6%	1.6%	1.7%	1.6%
Unknown	0.4%	0.5%	0.8%	0.8%	0.6%
Grand Total Race/Ethnic	100.0%	100.0%	100.0%	100.0%	100.0%
Age					
16-24	9,698	9,541	9,393	9,117	9,437
25-34	18,890	18,110	17,634	17,261	17,974
35-44	16,564	15,180	14,249	13,641	14,908
45-54	11,308	11,269	11,319	11,285	11,295
55-64	3,026	3,128	3,320	3,546	3,255
65+	802	827	856	909	848
Grand Total Age	60,288	58,054	56,771	55,759	57,718
16-24	16.1%	16.4%	16.5%	16.4%	16.4%
25-34	31.3%	31.2%	31.1%	31.0%	31.1%
35-44	27.5%	26.1%	25.1%	24.5%	25.8%
45-54	18.8%	19.4%	19.9%	20.2%	19.6%
55-64	5.0%	5.4%	5.8%	6.4%	5.6%
65+	1.3%	1.4%	1.5%	1.6%	1.5%
Grand Total Age	100.0%	100.0%	100.0%	100.0%	100.0%

The average inmate population for age and race/ethnic status subgroups in Table 9 is based upon a twelve point average with one day sampled from each month.

Table 9
Sub-Group Population by Age and Race/Ethnic Status

Race/Ethnic by Age	2009		2010		2011		2012	
	Total Population	Percent of Age						
16-24	9,698	100.0%	9,541	100.0%	9,393	100.0%	9,117	100.0%
White	1,819	18.8%	1,838	19.3%	1,761	18.7%	1,786	19.6%
African-American	5,382	55.5%	5,247	55.0%	5,105	54.3%	4,916	53.9%
Hispanic	2,304	23.8%	2,245	23.5%	2,259	24.0%	2,136	23.4%
Other	132	1.4%	141	1.5%	145	1.5%	164	1.8%
Unknown	61	0.6%	70	0.7%	124	1.3%	117	1.3%
25-34	18,890	100.0%	18,110	100.0%	17,634	100.0%	17,261	100.0%
White	3,554	18.8%	3,578	19.8%	3,671	20.8%	3,864	22.4%
African-American	10,023	53.1%	9,504	52.5%	9,077	51.5%	8,689	50.3%
Hispanic	4,940	26.2%	4,671	25.8%	4,481	25.4%	4,278	24.8%
Other	298	1.6%	276	1.5%	256	1.4%	284	1.6%
Unknown	75	0.4%	80	0.4%	149	0.8%	146	0.8%
35-44	16,564	100.0%	15,180	100.0%	14,249	100.0%	13,641	100.0%
White	3,507	21.2%	3,295	21.7%	3,156	22.2%	3,062	22.4%
African-American	8,257	49.8%	7,451	49.1%	6,867	48.2%	6,547	48.0%
Hispanic	4,471	27.0%	4,115	27.1%	3,884	27.3%	3,694	27.1%
Other	274	1.7%	263	1.7%	252	1.8%	246	1.8%
Unknown	55	0.3%	56	0.4%	89	0.6%	93	0.7%
45-54	11,308	100.0%	11,269	100.0%	11,319	100.0%	11,285	100.0%
White	2,819	24.9%	2,856	25.3%	2,881	25.5%	2,892	25.6%
African-American	5,715	50.5%	5,702	50.6%	5,692	50.3%	5,639	50.0%
Hispanic	2,556	22.6%	2,469	21.9%	2,487	22.0%	2,493	22.1%
Other	178	1.6%	192	1.7%	180	1.6%	182	1.6%
Unknown	41	0.4%	50	0.4%	80	0.7%	80	0.7%
55-64	3,026	100.0%	3,128	100.0%	3,320	100.0%	3,546	100.0%
White	948	31.3%	992	31.7%	1,055	31.8%	1,094	30.9%
African-American	1,298	42.9%	1,315	42.0%	1,399	42.1%	1,570	44.3%
Hispanic	722	23.9%	755	24.2%	788	23.7%	799	22.5%
Other	44	1.5%	50	1.6%	58	1.8%	65	1.8%
Unknown	14	0.4%	16	0.5%	20	0.6%	17	0.5%
65+	802	100.0%	827	100.0%	856	100.0%	909	100.0%
White	370	46.2%	379	45.8%	397	46.4%	419	46.1%
African-American	248	30.9%	258	31.2%	266	31.0%	288	31.6%
Hispanic	168	21.0%	175	21.1%	174	20.3%	177	19.5%
Other	12	1.5%	13	1.5%	16	1.9%	21	2.3%
Unknown	3	0.4%	3	0.4%	3	0.3%	5	0.5%

Table 10
Cause of Death by Race/Ethnicity and Average Age, 2009-2012

Cause of Death	White		African-American		Hispanic		Other		Unknown		Total	
	Num	Avg.	Num	Avg.	Num	Avg.	Num	Avg.	Num	Avg.	Num	Avg.
Natural Causes	137	61.8	166	55.1	91	55.1	7	52.3	3	60.1	404	57.4
AIDS	3	53.7	13	50.6	4	44.2	0	-	0	-	20	49.8
Suicide	21	43.1	15	34.8	15	40.3	4	35.6	0	-	55	39.5
Homicide	2	48.9	3	41.6	3	38.5	0	-	0	-	8	42.3
Drug OD	3	33.3	1	52.0	2	40.3	0	-	0	-	6	38.8
Accident	3	62.3	2	47.0	1	51.1	0	-	0	-	6	55.4
Other	1	49.2	1	32.1	0	-	0	-	0	-	2	40.7
Total	170	58.6	201	52.9	116	52.1	11	46.2	3	60.1	501	54.6

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