

*Rhode Island*  
*Department of Corrections*  
*Planning & Research Unit*



*URINALYSIS REPORT*  
*Calendar Year 2006*  
*(Abbreviated Version)*

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## **Introduction:**

In August 2001, a computerized database in Microsoft Excel was implemented in all facilities at the Rhode Island Department of Corrections (RIDOC) to track urinalysis data. As a result of this intervention, all facilities began to collect and maintain identical drug testing statistics on the inmate population. Similar improvements were also implemented in RIDOC's Community Confinement Program and in the Parole Unit. Each began to use computer applications to record urinalysis statistics during the Fall of 2001. This *Calendar Year 2006 Urinalysis Report* serves as the fifth full year of information collected by the facilities and other departmental programs under this system.

The utilization of the Excel spreadsheets in the facilities has proven to be extremely successful. All Urine Screen Coordinators and other facility designees have worked diligently to maintain accurate urinalysis statistics. The Planning and Research Unit would like to recognize the hard work of the Urine Screen Coordinators and other facility designees to maintain the system.

## **Definitions & Data Caveats:**

There is a critical distinction that must be made regarding two terms used in this report: *Confirmed Positive* and *True Positive*.

Confirmed Positive: A urine specimen with conclusive test results that are positive for an illegal drug(s). Not all confirmed positives result in disciplinary action, as many are dismissed for legitimate reasons (e.g. false positives due to prescribed medication).

True Positive: A confirmed positive that warrants disciplinary action for the inmate who provided the specimen. (There is no reason to dismiss the positive). Only true positives are used in the calculation of RIDOC's positive rates.

Charts: Throughout this report the use of pie and bar charts varies depending on the n-value. When the n-value is very low a bar chart presenting the actual number cases, rather than the percentage, is used as the percentage could be misleading.

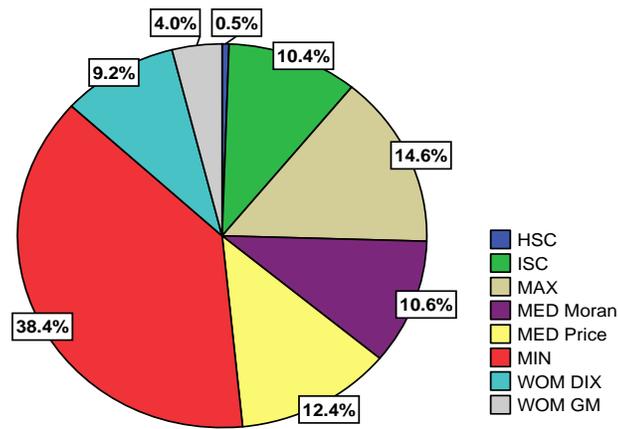
# TOTAL INSTITUTIONAL POPULATION SUMMARY

Facilities include: High Security Center (HSC), Intake Service Center (ISC), Maximum, Medium Moran, Medium Price, Minimum, Women's DIX, and Women's GM.

## A. How many specimens were collected?

In total, there were 16,606 specimens collected from 4,462 inmates in the facilities during Calendar Year 2006 (this is 4,218 fewer collections (-20.3%) from 876 fewer inmates (-16.4%) than in 2005):

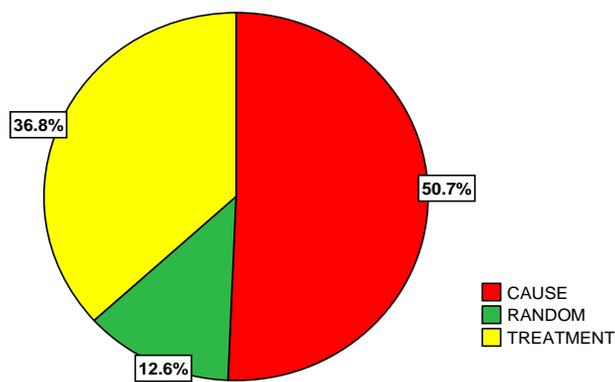
**% of Total Collections by Facility**



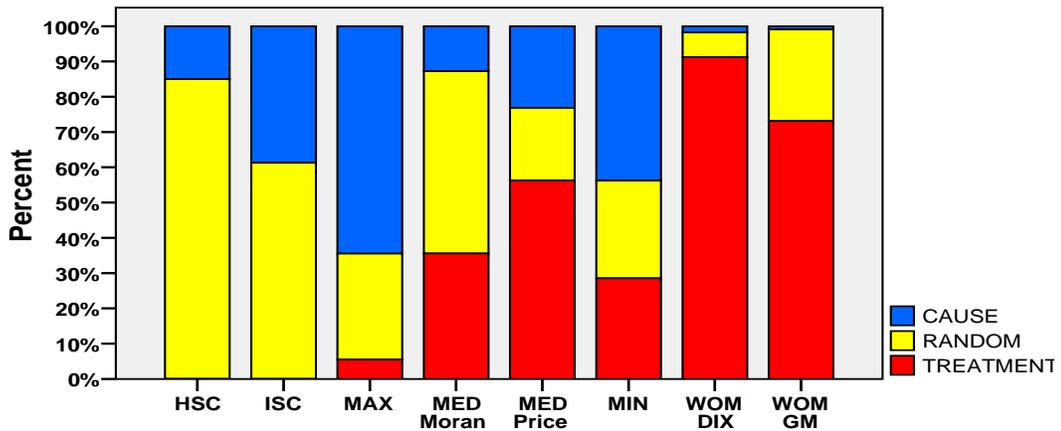
## B. How did we select the inmates that provided specimens?

All specimens collected can be categorized into 1 of 3 selection methods: Random, Cause, or Treatment. (Please note: as there are no treatment programs at the ISC or HSC, there were no treatment collections in those facilities in 2006).

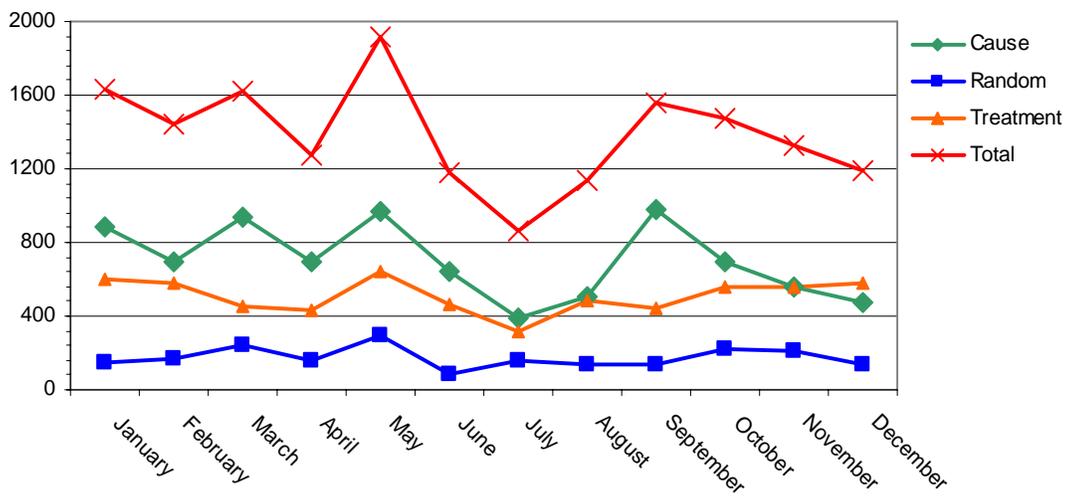
**% of Total Collections by Selection Method**



### % of Collections by Selection Method and Facility



### Total Collections per Month for CY06



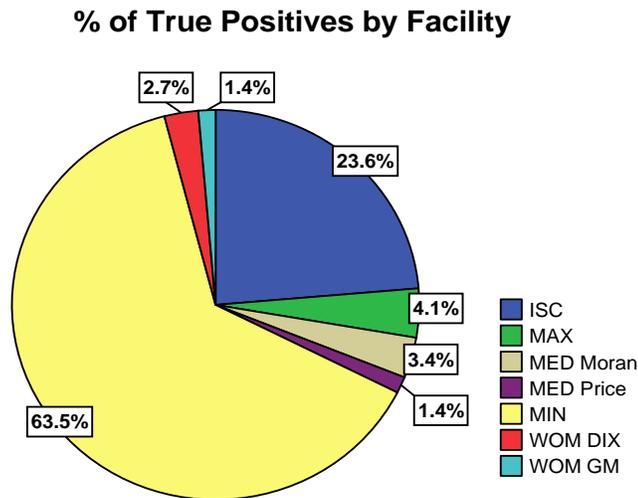
	SELECTION METHOD			Total
	CAUSE	RANDOM	TREATMENT	
January	887	147	602	<b>1636</b>
February	698	165	577	<b>1440</b>
March	935	239	452	<b>1626</b>
April	690	153	431	<b>1274</b>
May	973	296	647	<b>1916</b>
June	638	86	458	<b>1182</b>
July	389	156	316	<b>861</b>
August	506	142	484	<b>1132</b>
September	975	136	442	<b>1553</b>
October	694	221	559	<b>1474</b>
November	556	207	562	<b>1325</b>
December	474	138	575	<b>1187</b>
<b>Total</b>	<b>8415</b>	<b>2086</b>	<b>6105</b>	<b>16606</b>

### C. How can we explain the positive test results?

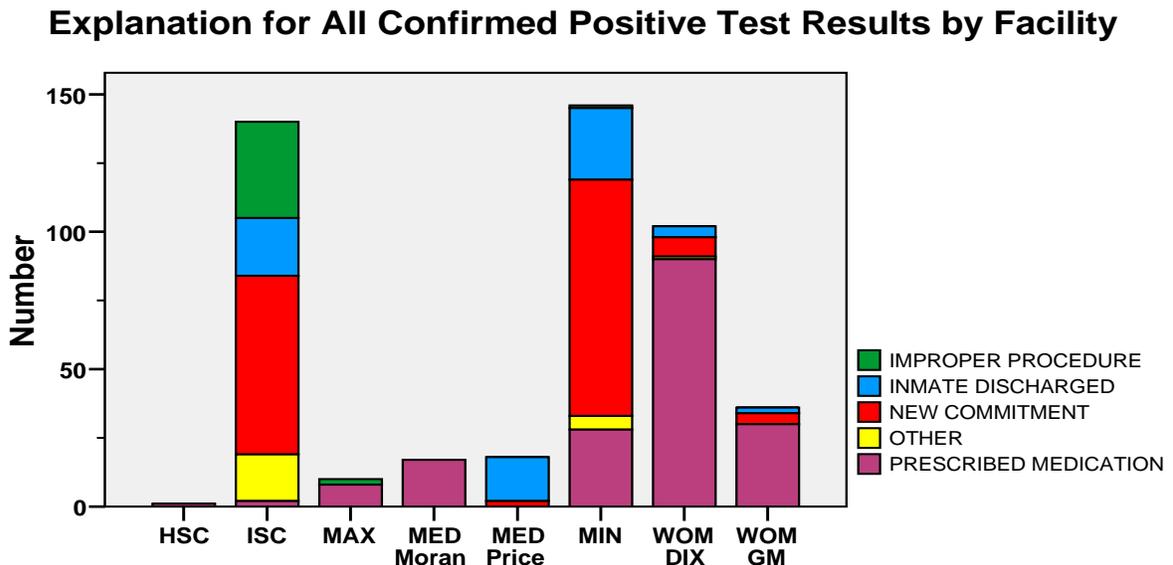
In total, there were 618 specimens that were confirmed positive throughout all facilities. Of those 618, 148 were “true” positives (i.e. those specimens that warrant disciplinary action for the inmate). The other 470 confirmed positives did not result in disciplinary action for various reasons.

Therefore, **the positive rate for the Department for 2006 was 0.89%** (148 true positives out of the total 16,606 collections). *The positive rate for the Department in 2005 was 1.59% (331 true positives out of the total 20,824 collections).*

Below is a breakdown of the true positives by facility.



In addition to the 148 true positives, the other 470 confirmed positives can be explained by other means. A summary of all other confirmed positives, by facility, with 5 different explanations for the positive results follows:



	EXPLANATION OF RESULTS					Total
	IMPROPER PROCEDURE	INMATE DISCHARGED	NEW COMMITMENT	PRESCRIBED MEDICATION	OTHER	
HSC	0	0	0	1	0	1
ISC	35	21	65	2	17	140
MAX	2	0	0	8	0	10
MED Moran	0	0	0	17	0	17
MED Price	0	16	2	0	0	18
MIN	1	26	86	28	5	146
WOM DIX	0	4	7	90	1	102
WOM GM	0	2	4	30	0	36
<b>Total</b>	<b>38</b>	<b>69</b>	<b>164</b>	<b>176</b>	<b>23</b>	<b>470</b>

“Inmate Discharged” is used to describe specimens for which inmates are not disciplined, because they were already discharged from the ACI by the time the test results were final;

“New Commitment” is used to describe specimens for which inmates are not disciplined, because they have only recently been committed to the ACI (the drug(s) in their system were most likely used in the community, not the institution);

“Prescribed Medication” is used to describe specimens for which inmates are not disciplined, because it was determined that prescribed medication yielded the positive result(s);

An “Improper Procedure” describes a situation where a positive specimen is dismissed because of a flawed procedure by staff;

and “Other” describes any other explanation for the positive test result, most commonly describing a situation where an inmate tests positive for the same drug at two separate collections in a short period and was disciplined for the first positive test result. As it is assumed that both positive results were caused by a single instance of use, the inmate is not booked a second time.

#### **D. How does this year compare with previous years?**

Using information contained in previous RIDOC Urinalysis Reports, the following 8-year comparison can be made:

	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>
Total Collections:	16,870	19,672	23,361	22,518	21,269	19,890	20,824	<b>16,606</b>
Inmates Tested:	Unknown	Unknown	Unknown	5,823	5,594	5,230	5,338	<b>4,462</b>
True Positives:	163	157	220	144	135	209	331	<b>148</b>
Percent Positive:	0.97%	0.80%	0.94%	0.64%	0.63%	1.05%	1.59%	<b>0.89%</b>

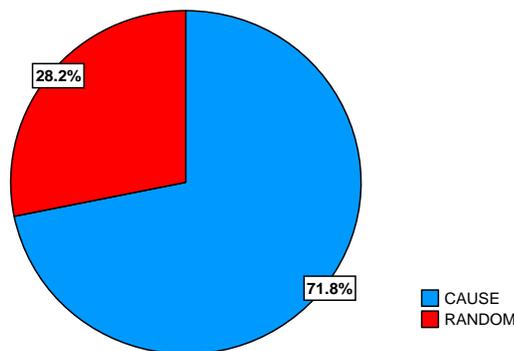
As you can see, over the past 5 years (**since 2002**), the number of collections has decreased by 26.3% and the number of true positives during the same time has increased by 2.8% (4 true positive tests).

# INTAKE SERVICE CENTER (ISC)

## A. Collections:

The ISC collected a total of 1,721 specimens from a total of 1,018 inmates (this is 656 fewer collections (-27.6%) from 249 fewer inmate (-19.7%) than in 2005). *There were no treatment collections from inmates at the ISC in 2006; all collections were for Cause or Random selections, as shown below:*

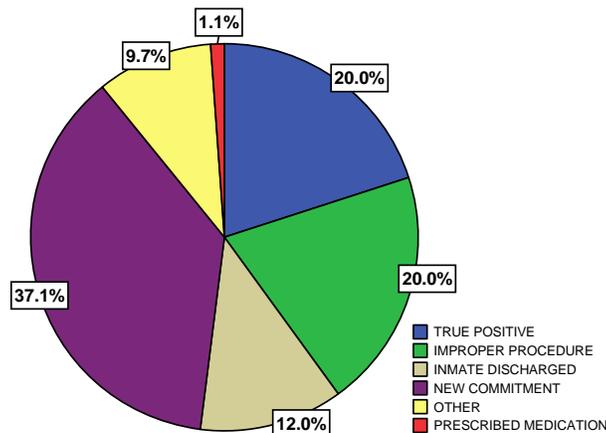
Total Collections by Selection Method  
ISC



## B. Positive Specimens:

In total, there were 175 specimens that were confirmed positive at the ISC. Of those 175, 35 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 140 positives did not result in disciplinary action and can be explained by other means.

Explanations for Positive Test Results  
ISC



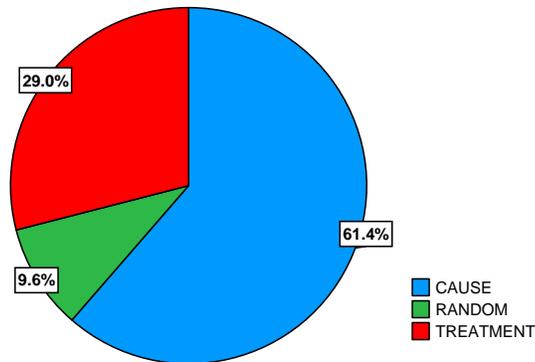
**The 2006 positive rate for the ISC is 2.03%** (35 true positives out of 1,721 collections). *The positive rate for the ISC in 2005 was 2.52%.*

# MINIMUM SECURITY

## A. Collections:

Minimum collected a total of 6,379 specimens from a total of 1,518 inmates (this is 625 fewer collections (-8.9%) from 85 fewer inmates (-5.3%) than in 2005).

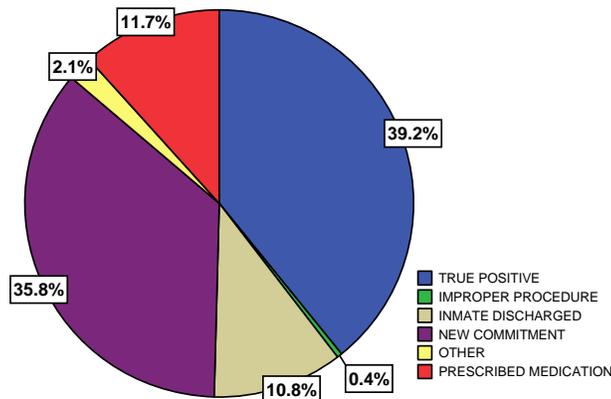
Total Collections by Selection Method  
Minimum



## B. Positive Specimens:

In total, there were 240 specimens that were confirmed positive at Minimum. Of those 240, 94 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 146 positives did not result in disciplinary action and can be explained by other means.

Explanation of Positive Test Results  
Minimum



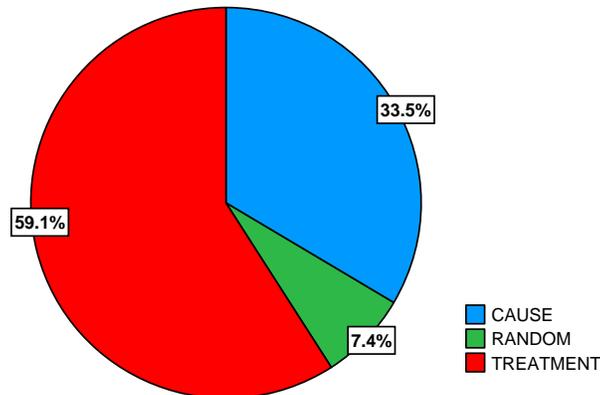
The 2006 positive rate for Minimum Security is 1.47% (94 true positives out of 6,379 collections). The positive rate for Minimum Security in 2005 was 2.21%.

# MEDIUM PRICE

## A. Collections:

Medium Price collected a total of 2,058 specimens from a total of 400 inmates (this is 962 more collections (+87.8%) from 19 fewer inmates (-4.5%) than in 2005).

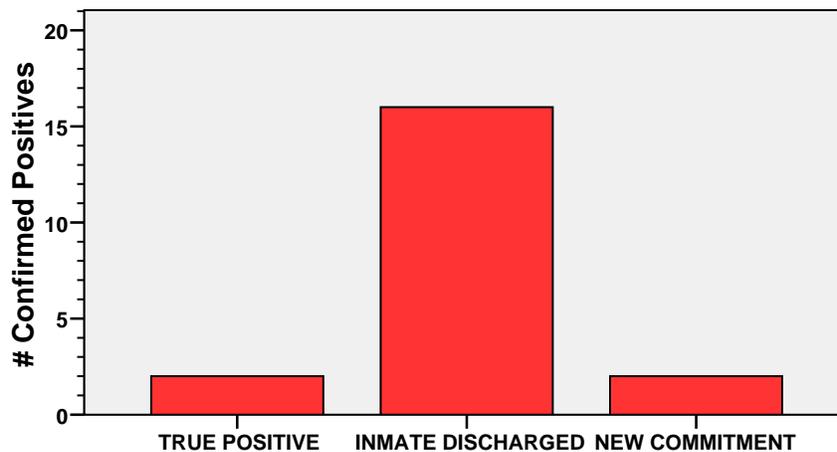
Total Collections by Selection Method  
MED Price



## B. Positive Specimens:

In total, there were 20 specimens that were confirmed positive at Medium Price. Of those 20, 2 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 18 positives did not result in disciplinary action and can be explained by other means.

Explanation of Positive Test Results  
MED Price



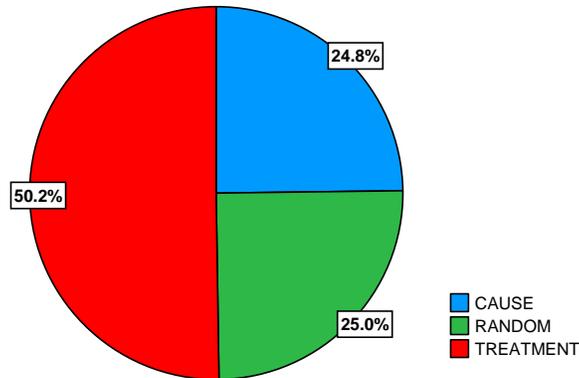
The 2006 positive rate for Medium Price is 0.10% (2 true positives out of 2,058 collections).  
The positive rate for Medium Price in 2005 was 2.10%.

# MEDIUM MORAN

## A. Collections:

Medium Moran collected a total of 1,754 specimens from a total of 627 inmates (this is 2,941 fewer collections (-62.6%) from 412 fewer inmates (-39.7%) than in 2005).

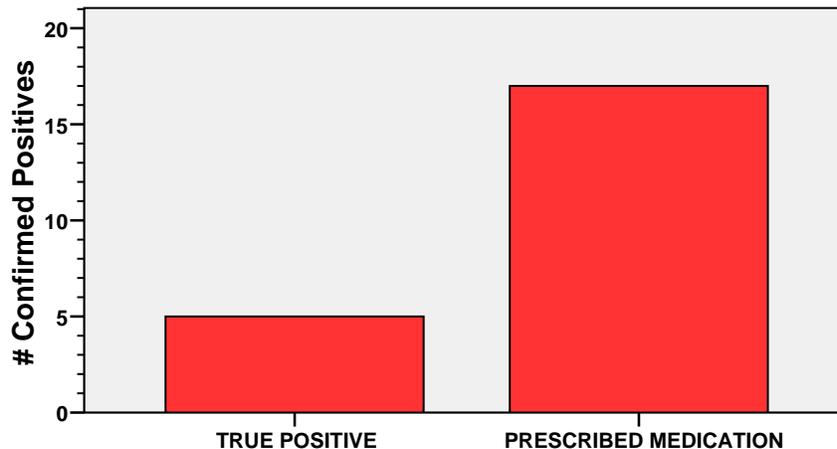
Total Collections by Selection Method  
MED Moran



## B. Positive Specimens:

In total, there were 22 specimens that were confirmed positive at Medium Moran. Of those 22, 5 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 17 positives did not result in disciplinary action and can be explained by other means.

Explanation of Positive Test Results  
MED Moran



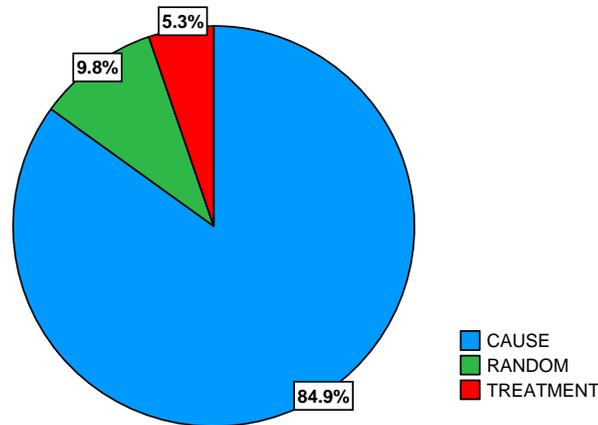
The 2006 positive rate for Medium Moran is 0.29% (5 true positives out of 1,754 collections). The positive rate for Medium Moran in 2005 was 1.04%.

# MAXIMUM SECURITY

## A. Collections:

Maximum Security collected a total of 2,417 specimens from a total of 494 inmates (this is 1,055 fewer collections (-30.4%) from 85 fewer inmates (-14.7%) than in 2005).

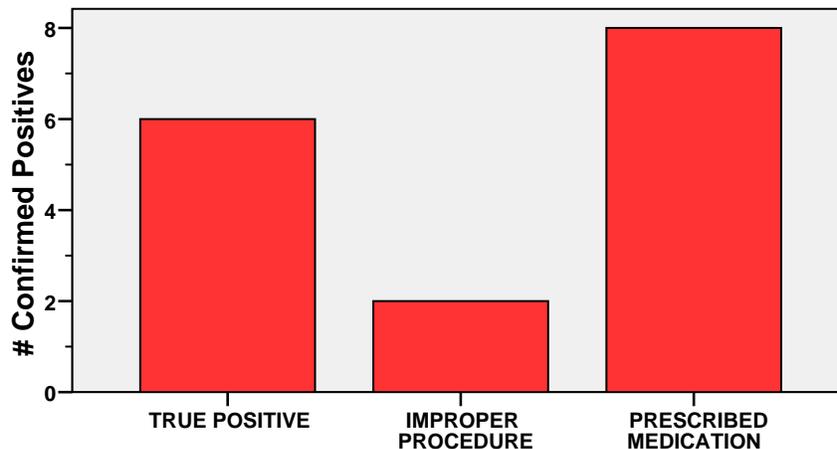
**Total Collections by Selection Method  
Maximum**



## B. Positive Specimens:

In total, there were 16 specimens that were confirmed positive at Maximum Security. Of those 16, 6 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 10 positives did not result in disciplinary action and can be explained by other means.

**Explanation of Positive Test Results  
Maximum**



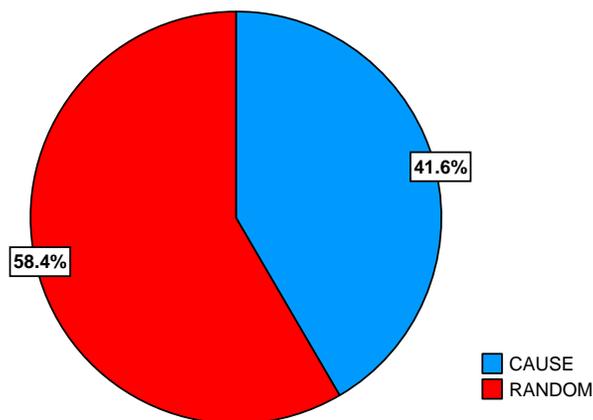
**The 2006 positive rate for Maximum Security is 0.25%** (6 true positives out of 2,417 collections). *The positive rate for Maximum Security in 2005 was 0.78%.*

# HIGH SECURITY CENTER (HSC)

## **A. Collections:**

The HSC collected a total of 89 specimens from a total of 63 inmates (this is 12 fewer collections (-11.9%) from 8 fewer inmates (-11.3%) than in 2005). *There were no treatment collections from inmates at the HSC in 2006; all collections were for Cause or Random selections, as shown below:*

**Total Collections by Selection Method  
High Security Center**



## **B. Positive Specimens:**

In total, there was 1 specimen that was confirmed positive at the HSC. The inmate that provided the specimen did not receive disciplinary action because prescribed medication yielded the positive test result.

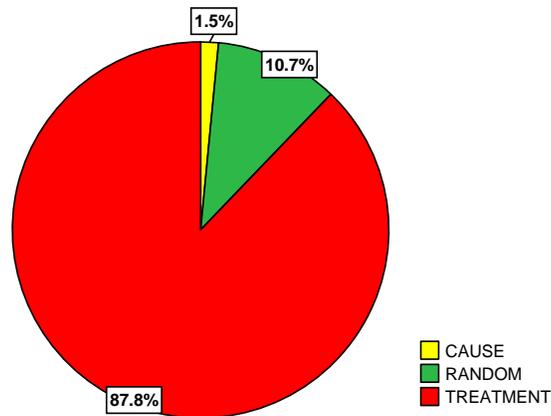
**The 2006 positive rate for the HSC is 0%** (0 true positives out of 89 collections). *The positive rate for the HSC in 2005 was 0%.*

# WOMEN'S GLORIA McDONALD FACILITY

## A. Collections:

Women's GM facility collected a total of 657 specimens from a total of 135 inmates (this is 128 fewer collections (-16.3%) from 23 fewer inmates (-14.6%) than in 2005).

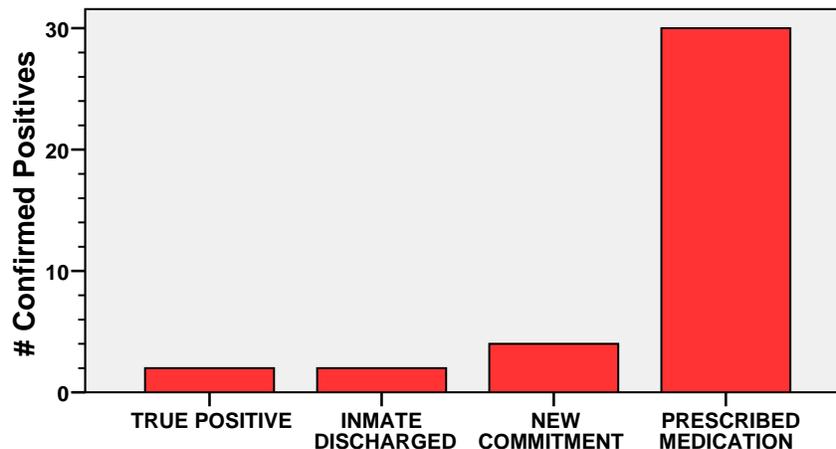
Total Collections by Selection Method  
Women's GM



## B. Positive Specimens:

In total, there were 38 specimens that were confirmed positive at the Women's GM facility. Of those 38, 2 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 36 positives did not result in disciplinary action and can be explained by other means.

Explanation of Positive Test Results  
Women's GM



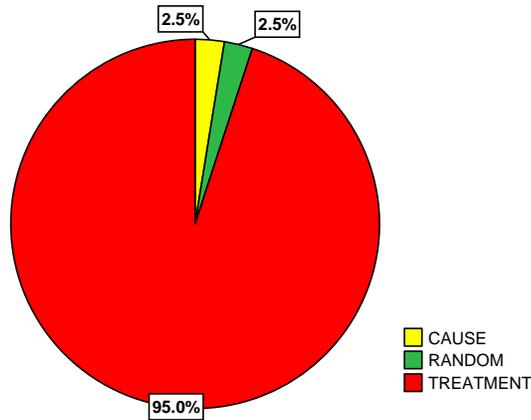
The 2006 positive rate for the Women's GM facility is 0.30% (2 true positives out of 657 collections). The positive rate for the Women's GM facility in 2005 was 1.40%.

# WOMEN'S DIX FACILITY

## A. Collections:

The Women's DIX facility collected a total of 1,531 specimens from a total of 207 inmates (this is 237 more collections (+18.3%) from 5 more inmates (+2.5%) than in 2005).

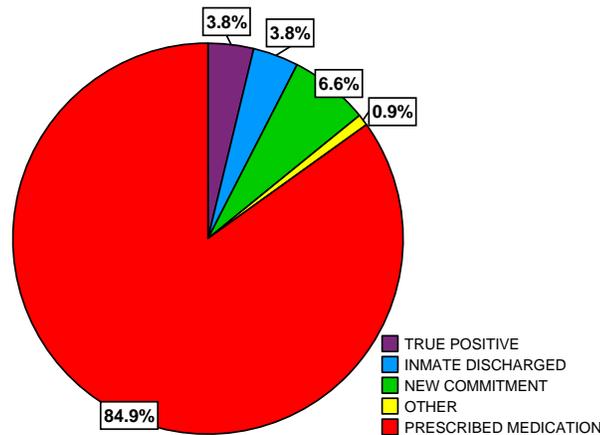
**Total Collections by Selection Method  
Women's DIX**



## B. Positive Specimens:

In total, there were 106 specimens that were confirmed positive at the Women's DIX facility. Of those 106, 4 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 102 positives did not result in disciplinary action and can be explained by other means.

**Explanation for Positive Test Results  
Women's DIX**



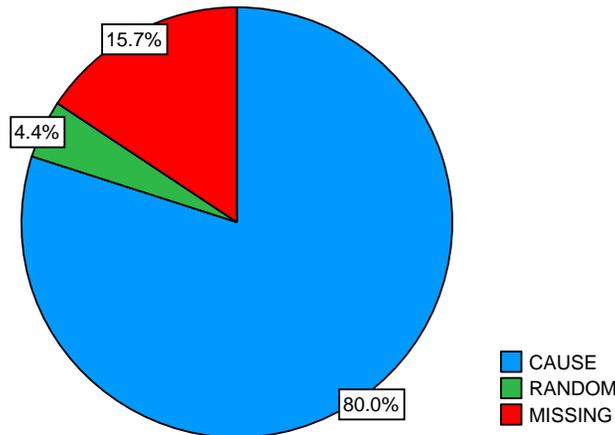
**The 2006 positive rate for the Women's DIX facility is 0.13%** (2 true positives out of 1,531 collections). *The positive rate for the Women's DIX facility in 2005 was 0.46%.*

# COMMUNITY CONFINEMENT

## **A. Collections:**

The Community Confinement program collected a total of 2,090 specimens from a total of 1,056 offenders (this is 89 fewer collections (-4.1%) from 67 fewer offenders (-6.0%) than in 2005). Only 1,806 specimens are included for analysis as 284 collections with missing test result data could not be analyzed.

**Total Collections by Selection Method  
Community Confinement**

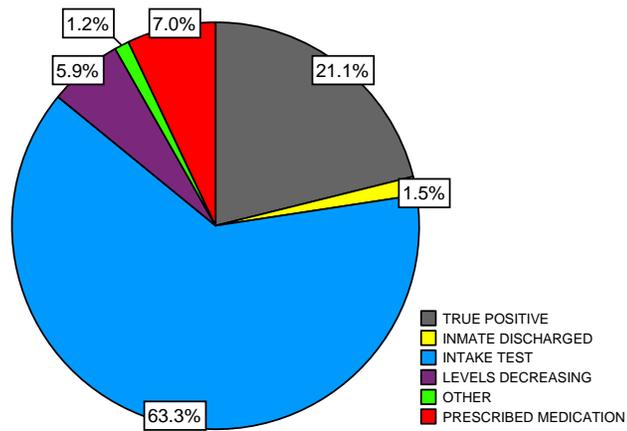


## **B. Positive Specimens:**

In total, there were 341 specimens that were confirmed positive in the Community Confinement program. Of those 341, 72 were true positives (i.e. those specimens that warrant disciplinary action for the offender). The remaining 269 positives did not result in disciplinary action and can be explained by other means.

In addition to the explanations used by the facilities, Community Confinement includes two additional categories: "Intake Test" and "Levels Decreasing." An "Intake Test" is when an offender first enters the Community Confinement program and is tested; much like a new commitment in the facilities, s/he is not disciplined if a specimen tests positive in this situation. The "Levels Decreasing" category refers to specimens that may have tested positive after the intake test. If the detection levels for the same drug found in the intake test have decreased, the offender is not disciplined.

### Explanation for Positive Test Results Community Confinement



**The 2006 positive rate for Community Confinement is 3.99%** (72 true positives out of 1,806 collections). *The positive rate for Community Confinement in 2005 was 5.51%.*

# PAROLE UNIT

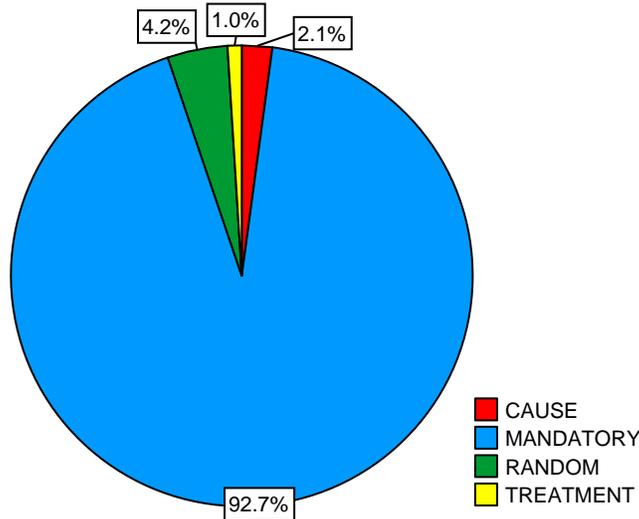
The RIDOC Parole Unit does not conduct its own drug testing. Rather, it has a contract with a qualified vendor for all drug testing services. All information provided is based on an analysis of the statistics maintained by the vendor and disciplinary information maintained by the Parole Unit.

## **A. Collections:**

During calendar year 2006 a total of 2,624 specimens were scheduled to be collected from 628 parolees. Of those 2,624 scheduled collections, 2,406 specimens were actually collected. The remaining 218 scheduled collections did not take place due to the parolee's failure to attend the scheduled appointment (212) or their inability to produce a specimen in the allotted time (6).

As shown below, the collected specimens (2,406) are categorized into one of four selection methods. In addition to the standard three (Cause, Random, and Treatment), parolees are also subject to Mandatory tests. Mandatory testing includes: (1) parolees who must be tested according to Rhode Island General Law because of the nature of their drug-related offense and (2) parolees who are assigned to a regular monthly schedule of testing as mandated by parole board.

**Total Collections by Selection Method  
Parole Unit**



## **B. Positive Specimens:**

In total, there were 249 specimens that were confirmed positive in the Parole Unit. Of those 249, 174 were true positives (i.e. those specimens that warrant disciplinary action for the parolee). The remaining 75 positives did not result in disciplinary action due to prescribed medication.

**The 2006 positive rate for the Parole Unit is 7.23%** (174 true positives out of 2,406 collections). *The positive rate for the Parole Unit in 2005 was 5.17%.*