

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



*URINALYSIS REPORT*  
*Calendar Year 2008*  
*(Abbreviated Version)*

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If you have any questions regarding the information contained in this report, please contact the Principal Research Technician, Greg McCarthy, at (401) 462-3924 or via email at [greg.mccarthy@doc.ri.gov](mailto:greg.mccarthy@doc.ri.gov).

## **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 2008 Urinalysis Report* serves as the seventh 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.

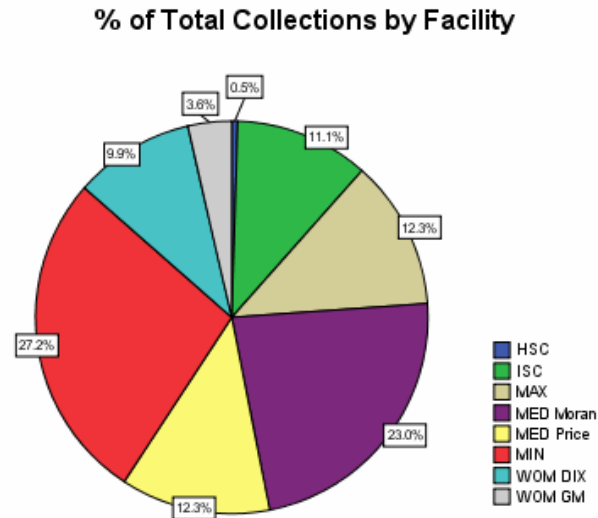
Charts: Throughout this report the use of pie and bar charts varies depending on the n-value. When the n-value is very low a bar chart presenting the actual number cases, rather than the percentage, is used as the percentage could be misleading.

# 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?

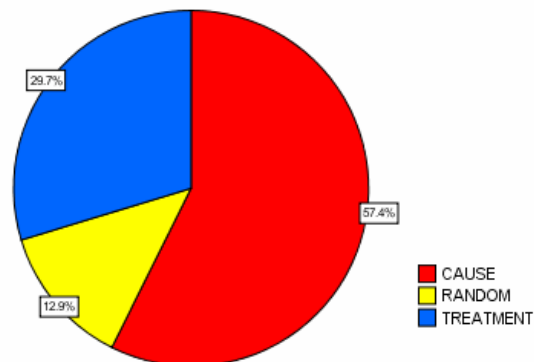
In total, there were 17,741 specimens collected from 4,956 inmates in the facilities during Calendar Year 2008 (this is 2,546 less collections (-12.5%) from 648 less inmates (-11.6%) than in 2007):



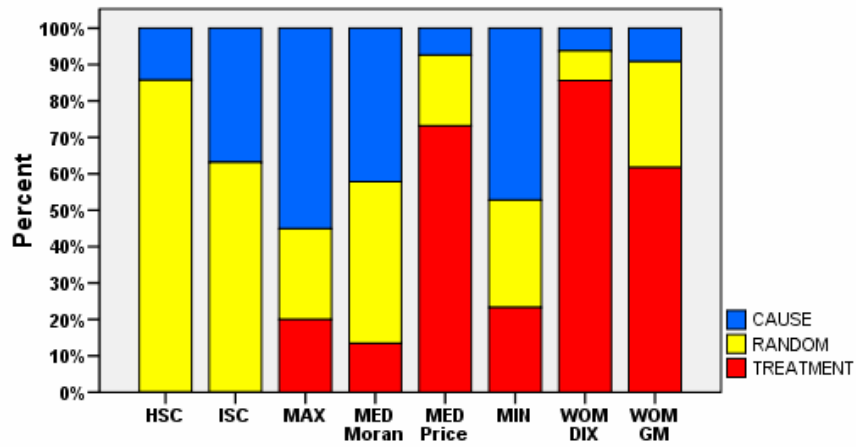
## B. How did we select the inmates that provided specimens?

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 2008).

**% of Total Collections by Selection Method**

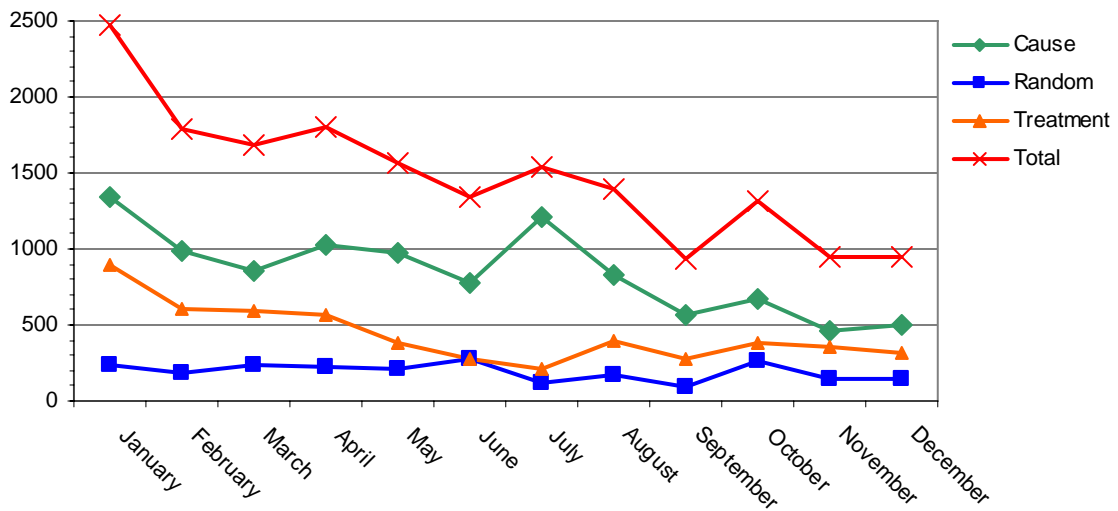


### % of Collections by Selection Method and Facility



\*Please Note: there are no treatment programs at the ISC or HSC

### Total Collections per Month for CY08



	SELECTION METHOD			Total
	CAUSE	RANDOM	TREATMENT	
January	1348	242	889	2479
February	988	188	608	1784
March	856	234	595	1685
April	1020	220	562	1802
May	970	206	388	1564
June	780	279	277	1336
July	1204	116	217	1537
August	823	176	396	1395
September	572	87	280	939
October	665	266	385	1316
November	454	142	357	953
December	497	140	314	951
<b>Total</b>	<b>10177</b>	<b>2296</b>	<b>5268</b>	<b>17741</b>

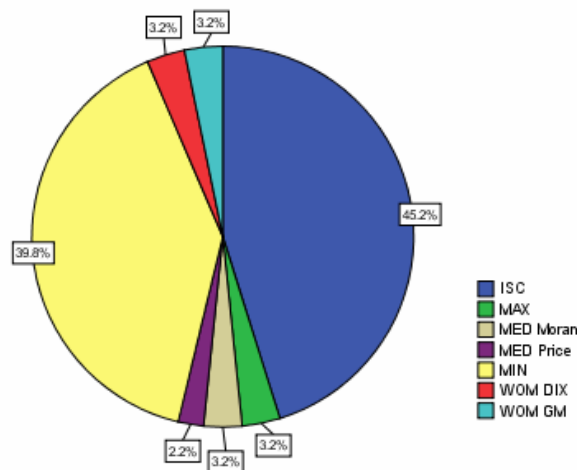
### C. How can we explain the positive test results?

Although 17,741 specimens were collected, only 17,499 specimens are included for analysis as 242 collections with missing test result data could not be analyzed. In total, there were 542 specimens that were confirmed positive throughout all facilities. Of those 542, 93 were “true” positives (i.e. those specimens that warrant disciplinary action for the inmate). The other 449 confirmed positives did not result in disciplinary action for various reasons.

Therefore, **the positive rate for the Department for 2008 was 0.53%** (93 true positives out of the total 17,499 collections). *The positive rate for the Department in 2007 was 0.76% (154 true positives out of the total 20,158 collections).*

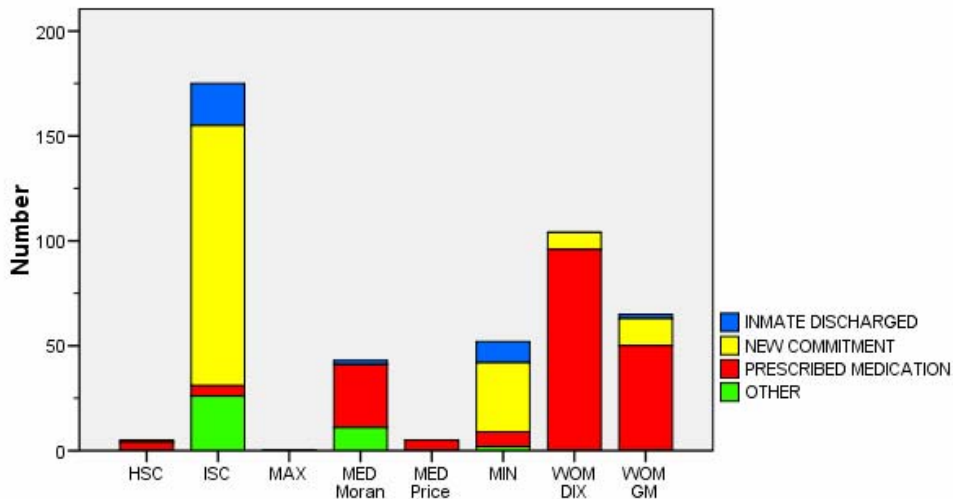
Below is a breakdown of the true positives by facility.

**% of True Positives by Facility**



In addition to the 93 true positives, the other 449 confirmed positives can be explained by other means. A summary of all other confirmed positives, by facility, with explanations for the positive results follows:

**Explanation for All Confirmed Positive Test Results by Facility**



	EXPLANATION OF RESULTS				Total
	INMATE DISCHARGED	NEW COMMITMENT	PRESCRIBED MEDICATION	OTHER	
HSC	0	1	4	0	5
ISC	20	124	5	26	175
MED Moran	2	0	30	11	43
MED Price	0	0	5	0	5
MIN	10	33	7	2	52
WOM DIX	0	8	96	0	104
WOM GM	2	13	50	0	65
Total	34	179	197	39	449

“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:

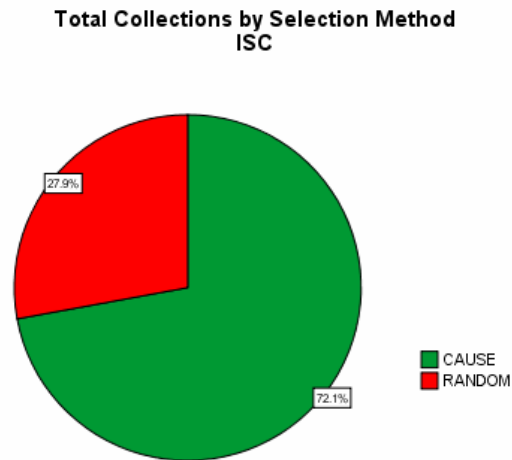
	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<b><u>2008</u></b>
Total Collections:	23,361	22,518	21,269	19,890	20,824	16,606	20,158	<b>17,499</b>
Inmates Tested:	Unknown	5,823	5,594	5,230	5,338	4,462	5,604	<b>4,956</b>
True Positives:	220	144	135	209	331	148	154	<b>93</b>
Percent Positive:	0.94%	0.64%	0.63%	1.05%	1.59%	0.89%	0.76%	<b>0.53%</b>

As you can see, over the past 8 years (**since 2001**), the number of collections has decreased by 25.1% and the number of true positives during the same time has decreased by 57.7% (127 true positive tests).

# INTAKE SERVICE CENTER (ISC)

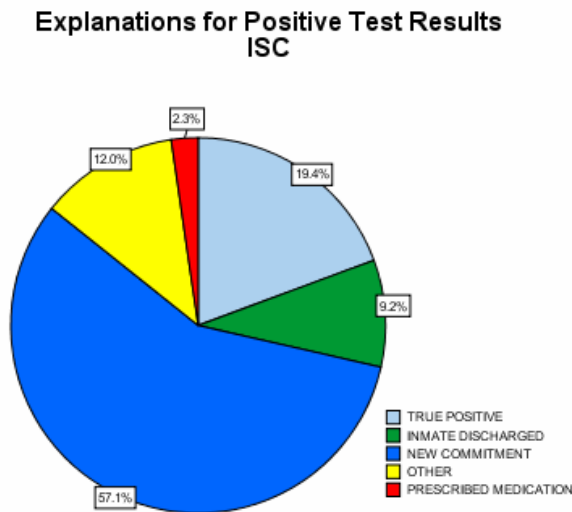
## A. Collections:

The ISC collected a total of 1,964 specimens from a total of 1,233 inmates (this is 202 more collections (+11.5%) from 97 more inmates (+8.5%) than in 2007). *There were no treatment collections from inmates at the ISC in 2008; all collections were for Cause or Random selections, as shown below:*



## B. Positive Specimens:

In total, there were 217 specimens that were confirmed positive at the ISC. Of those 217, 42 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 175 positives did not result in disciplinary action and can be explained by other means.



**The 2008 positive rate for the ISC is 2.14%** (42 true positives out of 1,964 collections). *The positive rate for the ISC in 2007 was 2.16%.*

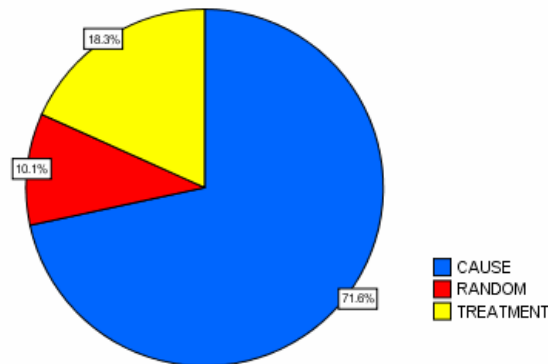


# MINIMUM SECURITY

## A. Collections:

Minimum collected a total of 4,833 specimens from a total of 1,221 inmates (this is 1620 less collections (-25.1%) from 426 less inmates (-25.4%) than in 2007). Only 4,591 specimens are included for this analysis as 242 collections with missing test result data could not be analyzed.

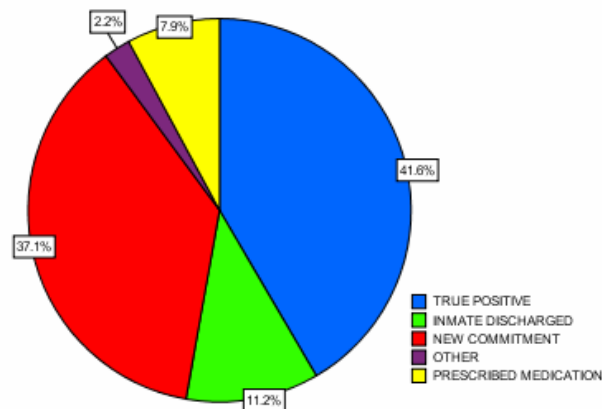
Total Collections by Selection Method  
Minimum



## B. Positive Specimens:

In total, there were 89 specimens that were confirmed positive at Minimum. Of those 89, 37 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 52 positives did not result in disciplinary action and can be explained by other means.

Explanation of Positive Test Results  
Minimum



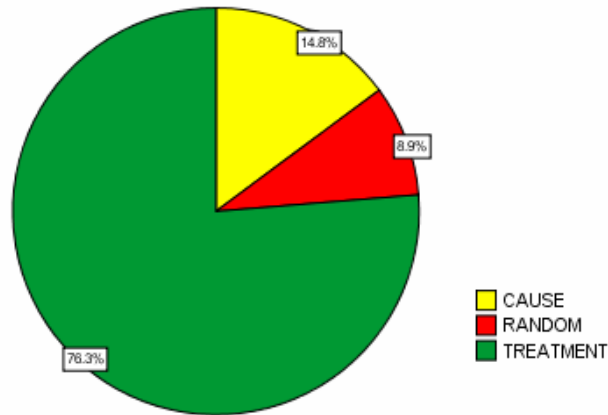
The 2008 positive rate for Minimum Security is 0.81% (37 true positives out of 4,591 collections). The positive rate for Minimum Security in 2007 was 1.30%.

# MEDIUM PRICE

## A. Collections:

Medium Price collected a total of 2,189 specimens from a total of 357 inmates (this is 422 less collections (-16.2%) from 131 less inmates (-23.7%) than in 2007).

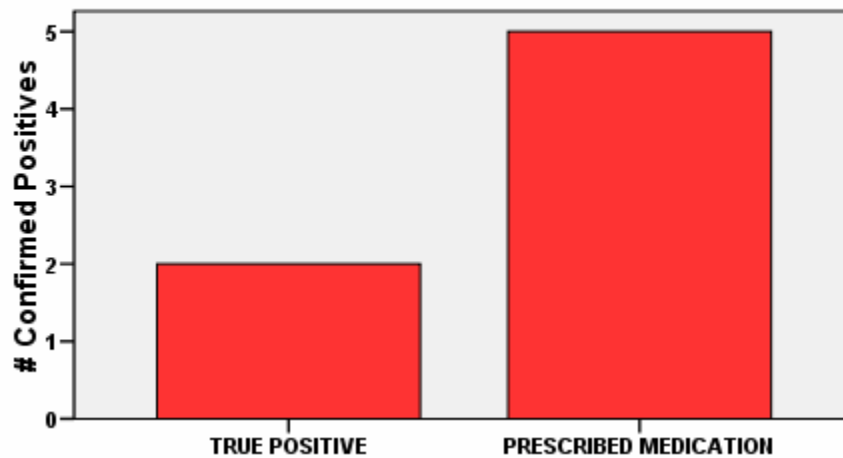
Total Collections by Selection Method  
MED Price



## B. Positive Specimens:

In total, there were 7 specimens that were confirmed positive at Medium Price. Of those 7, 2 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 5 positives did not result in disciplinary action and can be explained by other means.

Explanation of Positive Test Results  
MED Price



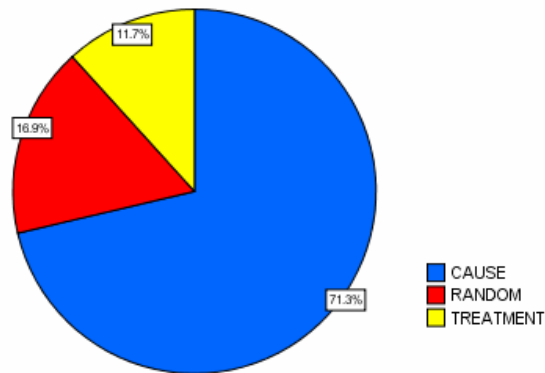
The 2008 positive rate for Medium Price is 0.09% (2 true positives out of 2,189 collections). The positive rate for Medium Price in 2007 was 0.16%.

# MEDIUM MORAN

## A. Collections:

Medium Moran collected a total of 4,086 specimens from a total of 1,159 inmates (this is 83 more collections (+2.1%) from 9 more inmates (+0.8%) than in 2007). Only 4,079 specimens are included for this analysis as 7 collections with missing test result data could not be analyzed.

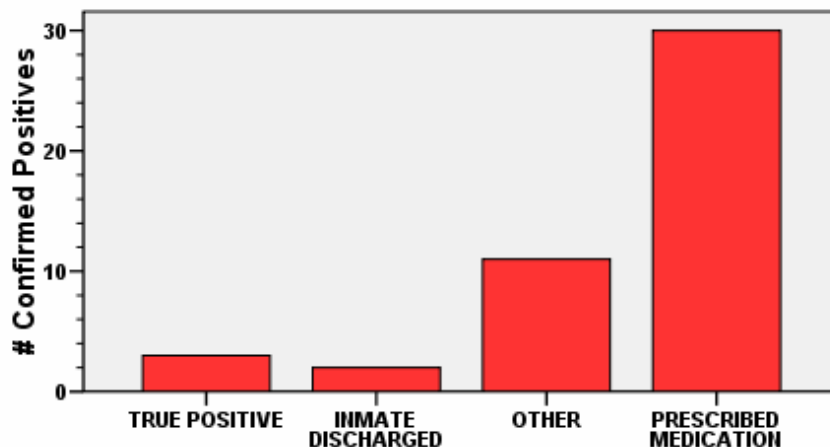
Total Collections by Selection Method  
MED Moran



## B. Positive Specimens:

In total, there were 46 specimens that were confirmed positive at Medium Moran. Of those 46, 3 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 43 positives did not result in disciplinary action and can be explained by other means.

Explanation of Positive Test Results  
MED Moran



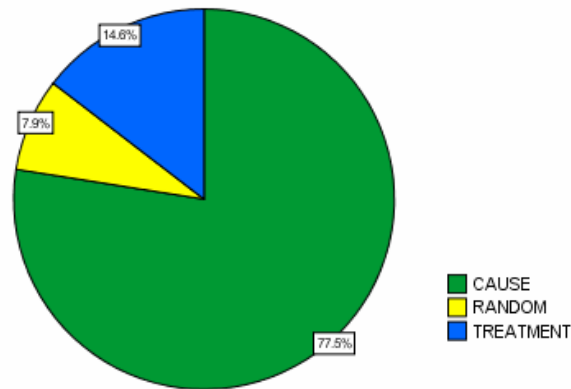
The 2008 positive rate for Medium Moran is 0.07% (3 true positives out of 4,079 collections). The positive rate for Medium Moran in 2007 was 0.40%.

# MAXIMUM SECURITY

## **A. Collections:**

Maximum Security collected a total of 2,183 specimens from a total of 514 inmates (this is 560 less collections (-20.4%) from 91 less inmates (-15.0%) than in 2007). Only 2,169 specimens are included for this analysis as 14 collections with missing test result data could not be analyzed.

**Total Collections by Selection Method  
Maximum**



## **B. Positive Specimens:**

In total, there were 3 specimens that were confirmed positive at Maximum Security, all of which were also true positives (i.e. those specimens that warrant disciplinary action for the inmate).

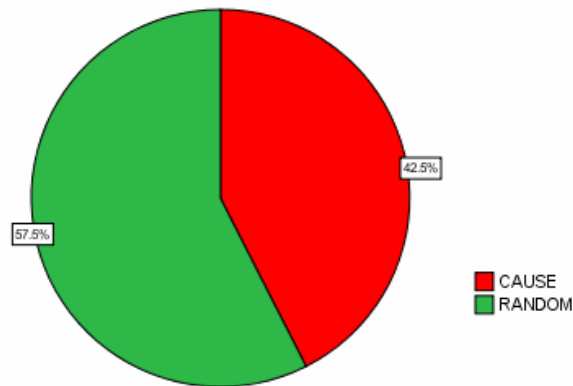
**The 2008 positive rate for Maximum Security is 0.14%** (3 true positives out of 2,169 collections). *The positive rate for Maximum Security in 2007 was 0.11%.*

# HIGH SECURITY CENTER (HSC)

## A. Collections:

The HSC collected a total of 87 specimens from a total of 65 inmates (this is 41 more collections (+89.1%) from 24 more inmates (+58.5%) than in 2007). Only 85 specimens are included for this analysis as 2 collections with missing test result data could not be analyzed. *There were no treatment collections from inmates at the HSC in 2008; all collections were for Cause or Random selections, as shown below:*

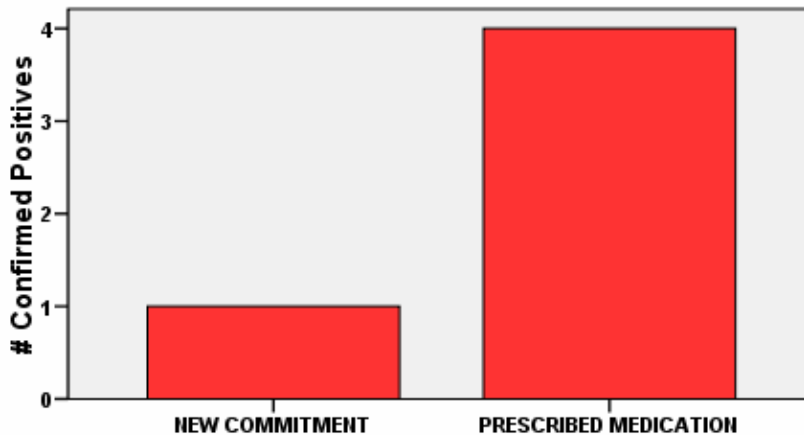
Total Collections by Selection Method  
High Security Center



## B. Positive Specimens:

In total, there were 5 specimens that were confirmed positive at the HSC. The inmates that provided the specimens did not receive disciplinary action and can be explained by other means:

Explanation of Positive Test Results  
High Security Center



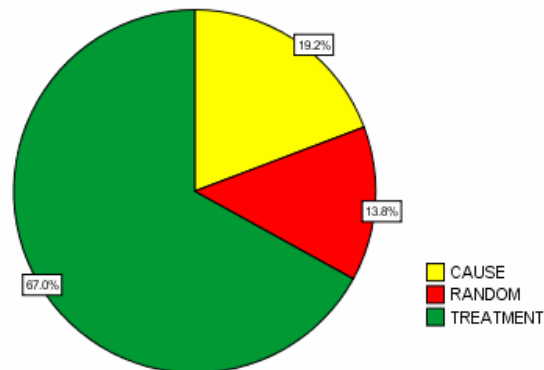
The 2008 positive rate for the HSC is 0% (0 true positives out of 85 collections). *The positive rate for the HSC in 2007 was 0%.*

# WOMEN'S GLORIA McDONALD FACILITY

## A. Collections:

Women's GM facility collected a total of 639 specimens from a total of 172 inmates (this is 133 fewer collections (-17.2%) from fewer inmates (-30.6%) than in 2007). Only 638 specimens are included for this analysis as 1 collection with missing test result data could not be analyzed.

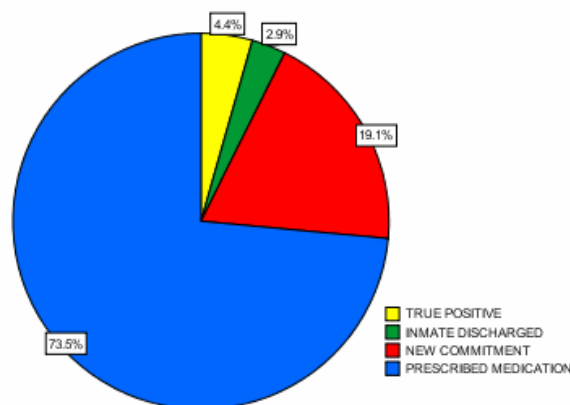
Total Collections by Selection Method  
Women's GM



## B. Positive Specimens:

In total, there were 68 specimens that were confirmed positive at the Women's GM facility. Of those 68, 3 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 65 positives did not result in disciplinary action and can be explained by other means.

Explanation of Positive Test Results  
Women's GM



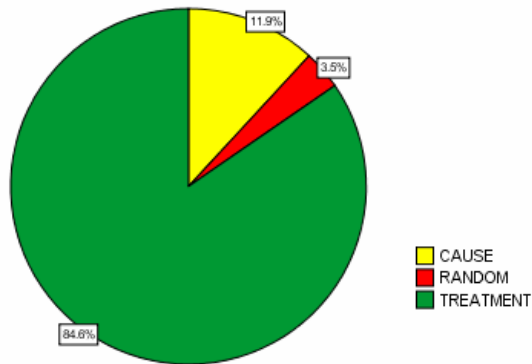
The 2008 positive rate for the Women's GM facility is 0.47% (3 true positives out of 638 collections). The positive rate for the Women's GM facility in 2007 was 0.91%.

# WOMEN'S DIX FACILITY

## A. Collections:

The Women's DIX facility collected a total of 1,760 specimens from a total of 235 inmates (this is 137 fewer collections (-7.2%) from 29 fewer inmates (-11.0%) than in 2007). Only 1,759 specimens are included for analysis as 1 collection with missing test result data could not be analyzed.

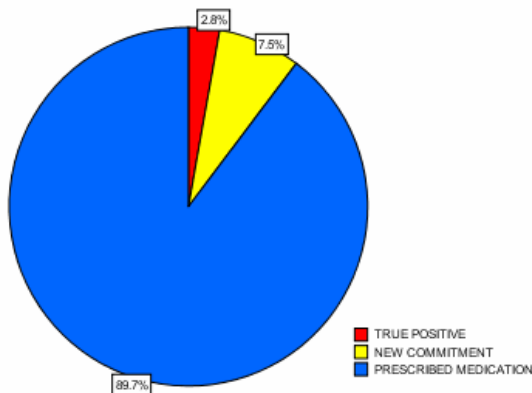
Total Collections by Selection Method  
Women's DIX



## B. Positive Specimens:

In total, there were 107 specimens that were confirmed positive at the Women's DIX facility. Of those 107, 3 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 104 positives did not result in disciplinary action and can be explained by other means.

Explanation of Positives Test Results  
Women's DIX



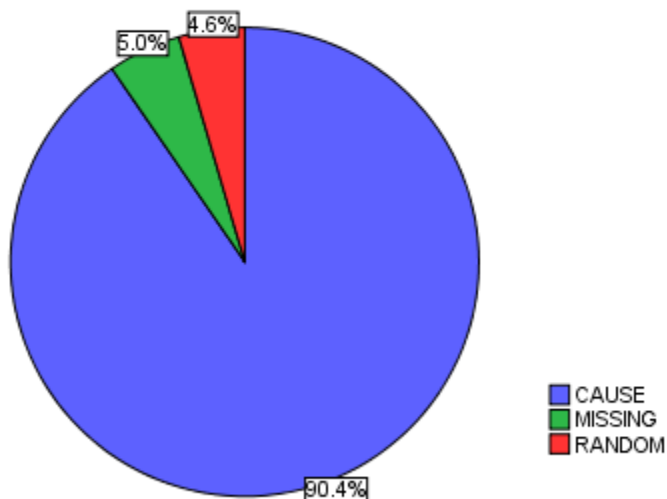
**The 2008 positive rate for the Women's DIX facility is 0.17%** (3 true positives out of 1,759 collections). *The positive rate for the Women's DIX facility in 2007 was 0.11%.*

# COMMUNITY CONFINEMENT

## A. Collections:

The Community Confinement program collected a total of 2,240 specimens from a total of 1,097 offenders (this is 245 fewer collections (-9.9%) from 92 fewer offenders (-8.4%) than in 2007).

**Total Collections by Selection Method  
Community Confinement**



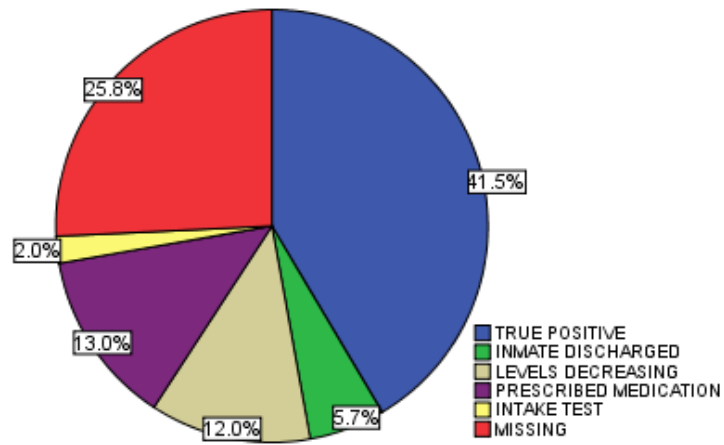
## B. Positive Specimens:

In total, there were 299 specimens that were confirmed positive in the Community Confinement program. Of those 299, 124 were true positives (i.e. those specimens that warrant disciplinary action for the offender). The remaining 175 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 of Positive Test Results Community Confinement



The 2008 positive rate for Community Confinement is 5.54% (124 true positives out of 2,240 collections). The positive rate for Community Confinement in 2007 was 4.83%.

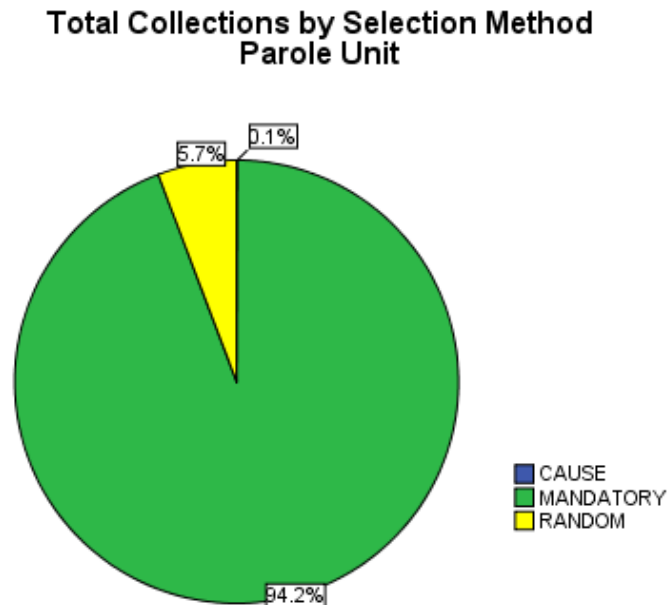
# PAROLE UNIT

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 2008, a total of 1,590 specimens were scheduled to be collected from 652 parolees. Of those 1,590 scheduled collections, 1,583 specimens were actually collected. The remaining 7 scheduled collections did not take place due to the parolee's failure to attend the scheduled appointment (6) or their inability to produce a specimen in the allotted time (1).

As shown below, the collected specimens (1,583) 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.



## **B. Positive Specimens:**

In total, there were 161 specimens that were confirmed positive in the Parole Unit. Of those 161, 86 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 2008 positive rate for the Parole Unit is 5.43%** (86 true positives out of 1,583 collections). *The positive rate for the Parole Unit in 2007 was 6.37%.*