

Rhode Island
Department of Corrections
Planning & Research Unit



URINALYSIS REPORT
Calendar Year 2009
(Abbreviated Version)

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If you have any questions regarding the information contained in this report, please contact the Planning & Research Unit at (401) 462-3920 or via email at planning@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 2009 Urinalysis Report* serves as the eighth 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.

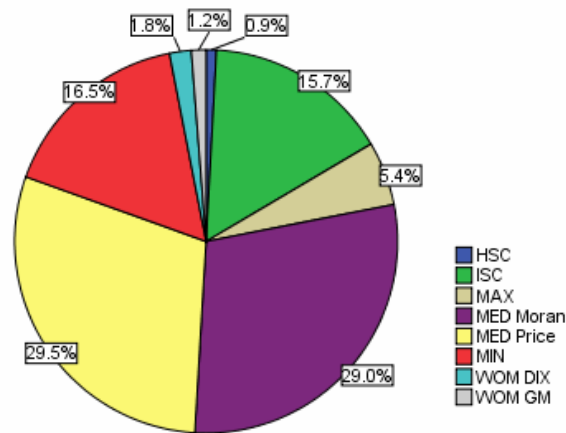
TOTAL INSTITUTIONAL POPULATION SUMMARY

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 8,076 specimens collected from 3,497 inmates in the facilities during Calendar Year 2009 (this is 9,665 less collections (-54.5%) from 1,459 less inmates (-29.4%) than in 2008). Only 8,072 specimens are included for this analysis as 4 collections with missing test result data could not be analyzed.

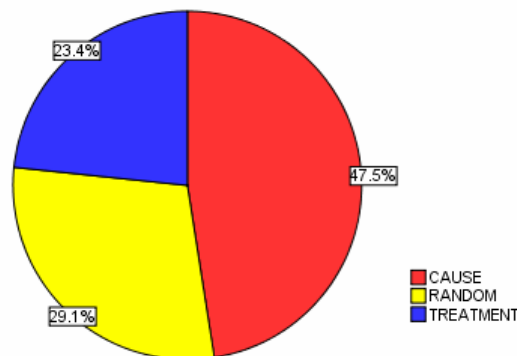
% of Total Collections by Facility



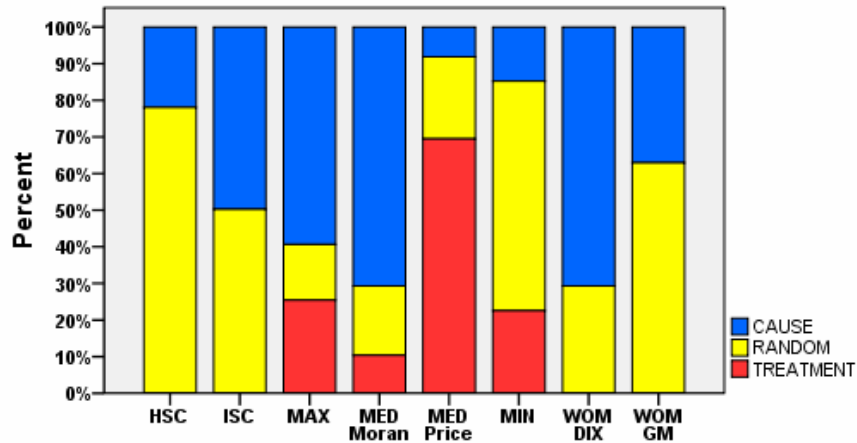
B. How did we select the inmates that provided specimens?

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 2009).

% of Total Collections by Selection Method

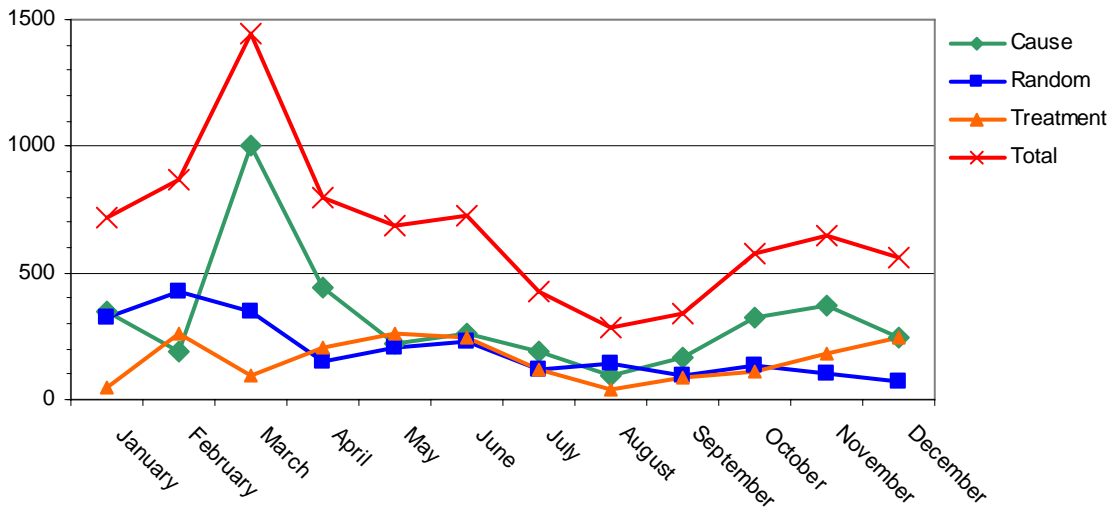


% of Collections by Selection Method and Facility



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

Total Collections per Month for CY09



	SELECTION METHOD			
	CAUSE	RANDOM	TREATMENT	Total
January	344	327	44	715
February	186	427	259	872
March	1005	351	92	1448
April	442	152	202	796
May	219	202	262	683
June	260	226	242	728
July	188	120	117	425
August	95	145	43	283
September	162	91	83	336
October	324	138	114	576
November	370	101	180	651
December	241	71	247	559
Total	3836	2351	1885	8072

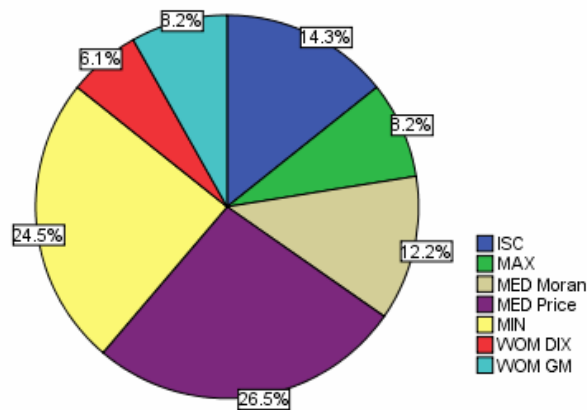
C. How can we explain the positive test results?

In total, there were 175 specimens that were confirmed positive throughout all facilities. Of those 175, 49 were “true” positives (i.e. those specimens that warrant disciplinary action for the inmate). The other 120 confirmed positives did not result in disciplinary action for various reasons.

Therefore, **the positive rate for the Department for 2009 was 0.61%** (49 true positives out of the total 8,072 collections). *The positive rate for the Department in 2008 was 0.53% (93 true positives out of the total 17,499 collections).*

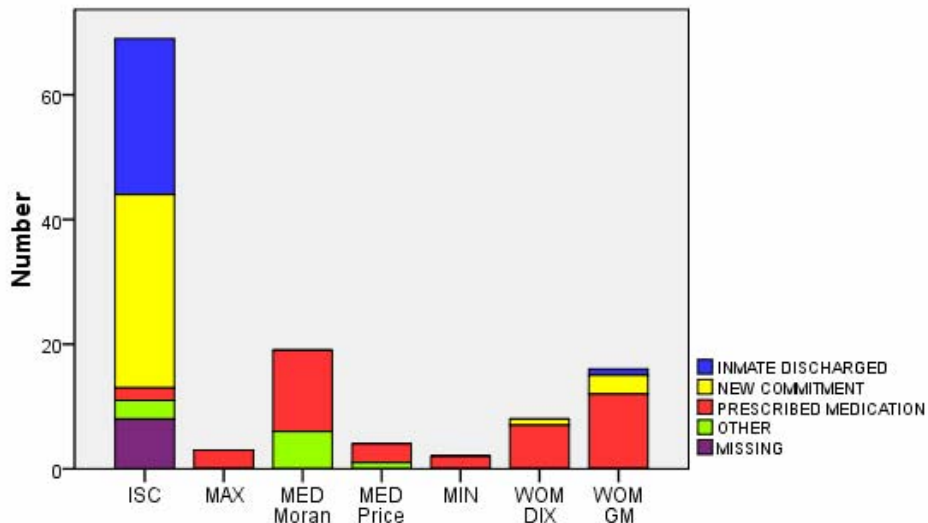
Below is a breakdown of the true positives by facility.

% of True Positives by Facility



In addition to the 49 true positives, the other 120 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					
	INMATE DISCHARGED	NEW COMMITMENT	PRESCRIBED MEDICATION	OTHER	MISSING	Total
ISC	25	31	2	3	8	69
MAX	0	0	3	0	0	3
MED Moran	0	0	13	6	0	19
MED Price	0	0	3	0	0	3
MIN	0	0	2	0	0	2
WOM DIX	0	1	7	0	0	8
WOM GM	1	3	12	0	0	16
Total	26	35	42	9	8	120

“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 9-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>	<u>2008</u>	<u>2009</u>
Total Collections:	23,361	22,518	21,269	19,890	20,824	16,606	20,158	17,499	8,072
Inmates Tested:	Unknown	5,823	5,594	5,230	5,338	4,462	5,604	4,956	3,497
True Positives:	220	144	135	209	331	148	154	93	49
Percent Positive:	0.94%	0.64%	0.63%	1.05%	1.59%	0.89%	0.76%	0.53%	0.61%

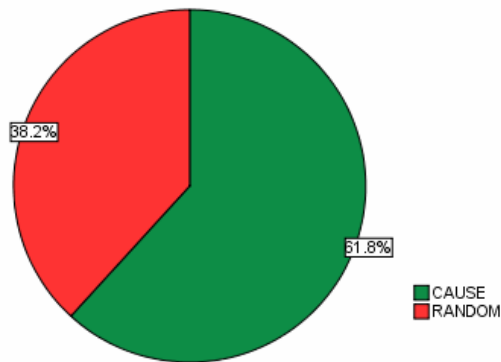
As you can see, over the past 9 years (**since 2001**), the number of collections has decreased by 65.4% and the number of true positives during the same time has decreased by 77.7% (171

INTAKE SERVICE CENTER (ISC)

A. Collections:

The ISC collected a total of 1,264 specimens from a total of 940 inmates (this is 700 fewer collections (-35.6%) from 293 fewer inmates (-23.8%) than in 2008). *There were no treatment collections from inmates at the ISC in 2009; all collections were for Cause or Random selections, as shown below:*

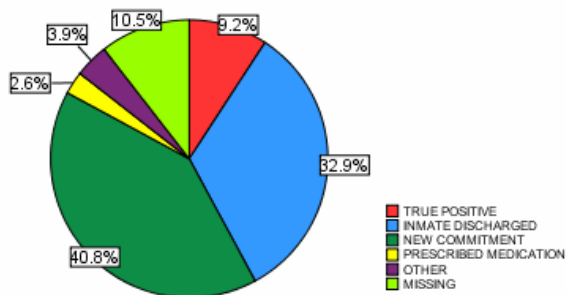
Total Collections by Selection Method
ISC



B. Positive Specimens:

In total, there were 76 specimens that were confirmed positive at the ISC. Of those 76, 7 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 69 positives did not result in disciplinary action and can be explained by other means.

Explanation of Positive Test Results
ISC



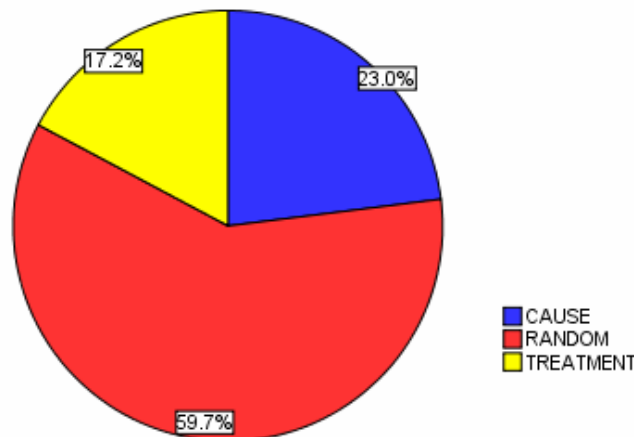
The 2009 positive rate for the ISC is 0.55% (7 true positives out of 1,264 collections). *The positive rate for the ISC in 2008 was 2.14%.*

MINIMUM SECURITY

A. Collections:

Minimum collected a total of 1,329 specimens from a total of 530 inmates (this is 3,504 less collections (-72.5%) from 691 less inmates (-56.6%) than in 2008).

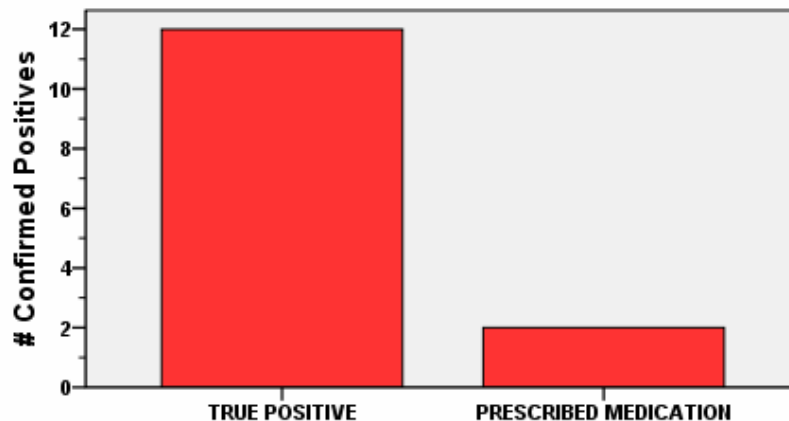
**Total Collections by Selection Method
Minimum**



B. Positive Specimens:

In total, there were 14 specimens that were confirmed positive at Minimum. Of those 14, 12 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 2 positives did not result in disciplinary action and can be explained by other means.

**Explanation of Positive Test Results
Minimum**

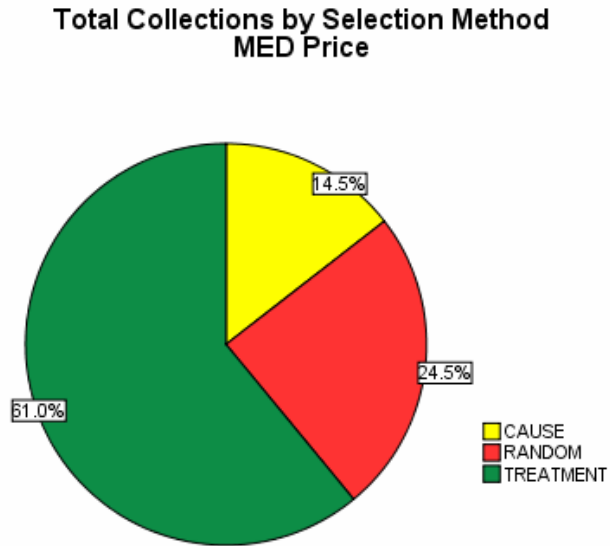


The 2009 positive rate for Minimum Security is 0.90% (12 true positives out of 1,329 collections). The positive rate for Minimum Security in 2008 was 0.81%.

MEDIUM PRICE

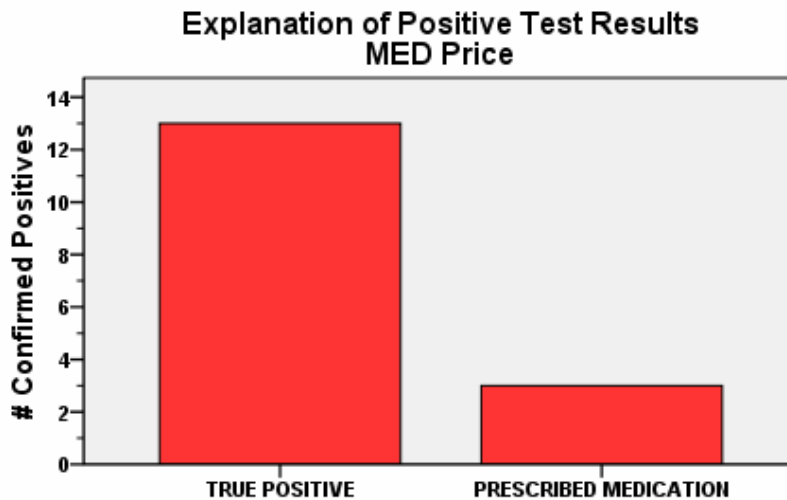
A. Collections:

Medium Price collected a total of 2,385 specimens from a total of 505 inmates (this is 196 more collections (9.0%) from 148 more inmates (41.5%) than in 2008). Only 2,381 specimens are included for this analysis as 4 collections with missing test result data could not be analyzed.



B. Positive Specimens:

In total, there were 16 specimens that were confirmed positive at Medium Price. Of those 16, 13 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 3 positives did not result in disciplinary action and can be explained by other means.



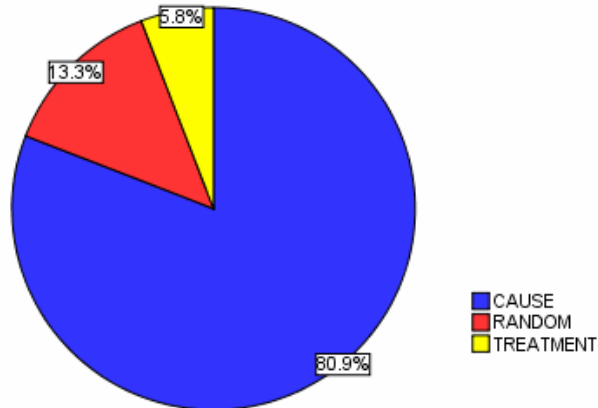
The 2009 positive rate for Medium Price is 0.55% (13 true positives out of 2,385 collections).
The positive rate for Medium Price in 2008 was 0.09%.

MEDIUM MORAN

A. Collections:

Medium Moran collected a total of 2,345 specimens from a total of 1,091 inmates (this is 1,741 fewer collections (-42.6%) from 68 fewer inmates (-5.9%) than in 2008).

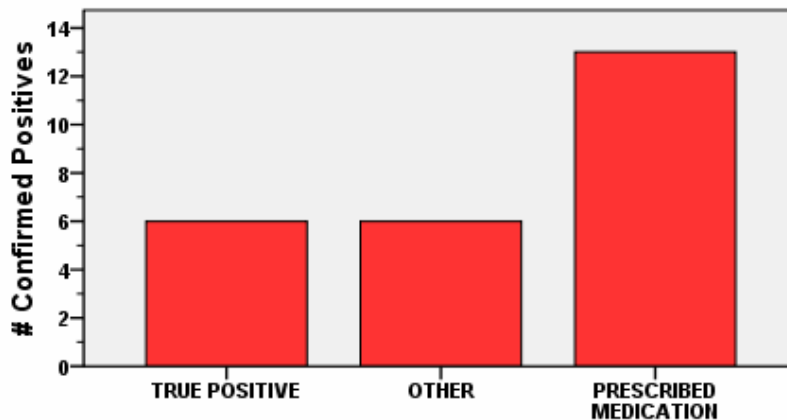
Total Collections by Selection Method
MED Moran



B. Positive Specimens:

In total, there were 25 specimens that were confirmed positive at Medium Moran. Of those 25, 6 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 19 positives did not result in disciplinary action and can be explained by other means.

Explanation of Positive Test Results
MED Moran



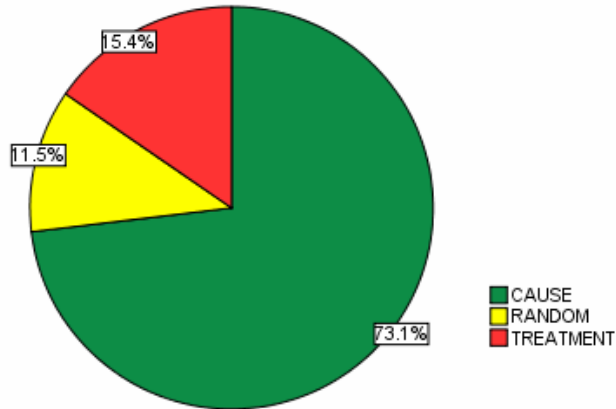
The 2009 positive rate for Medium Moran is 0.26% (6 true positives out of 2,345 collections). The positive rate for Medium Moran in 2008 was 0.07%.

MAXIMUM SECURITY

A. Collections:

Maximum Security collected a total of 435 specimens from a total of 247 inmates (this is 1,748 fewer collections (-80.1%) from 267 fewer inmates (-51.9%) than in 2008).

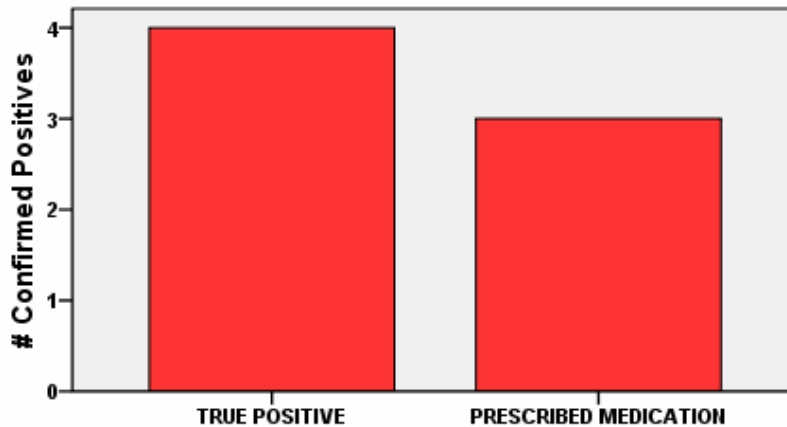
Total Collections by Selection Method
Maximum



B. Positive Specimens:

In total, there were 7 specimens that were confirmed positive at Maximum Security. Of those 7, 4 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 3 positives did not result in disciplinary action and can be explained by other means.

Explanation of Positive Test Results
Maximum



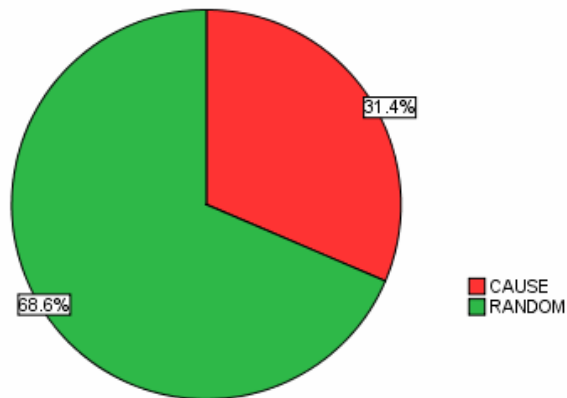
The 2009 positive rate for Maximum Security is 0.92% (4 true positives out of 435 collections). The positive rate for Maximum Security in 2008 was 0.14%.

HIGH SECURITY CENTER (HSC)

A. Collections:

The HSC collected a total of 70 specimens from a total of 56 inmates (this is 17 fewer collections (-19.5%) from 9 fewer inmates (-13.8%) than in 2008). *There were no treatment collections from inmates at the HSC in 2009; all collections were for Cause or Random selections, as shown below:*

Total Collections by Selection Method
High Security Center



B. Positive Specimens:

There were no specimens that were confirmed positive at the HSC.

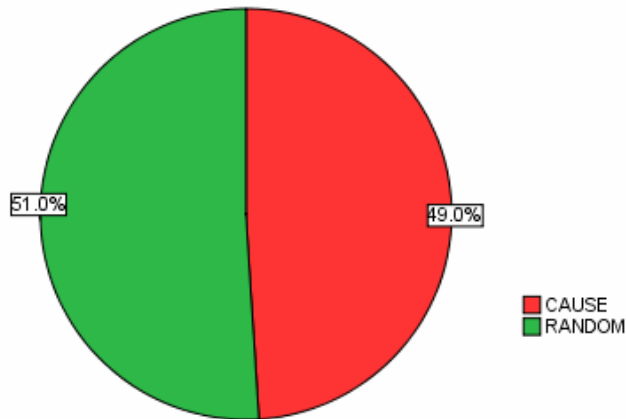
The 2009 positive rate for the HSC is 0% (0 true positives out of 70 collections). *The positive rate for the HSC in 2008 was 0%.*

WOMEN'S GLORIA McDONALD FACILITY

A. Collections:

Women's GM facility collected a total of 100 specimens from a total of 64 inmates (this is 539 fewer collections (-84.4%) from 108 fewer inmates (-62.8%) than in 2008).

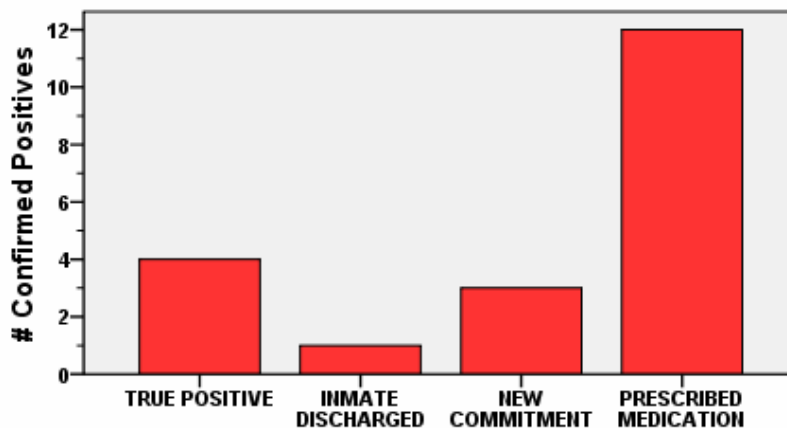
Total Collections by Selection Method
Women's GM



B. Positive Specimens:

In total, there were 20 specimens that were confirmed positive at the Women's GM facility. Of those 20, 4 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 16 positives did not result in disciplinary action and can be explained by other means.

Explanation of Positive Test Results
Women's GM



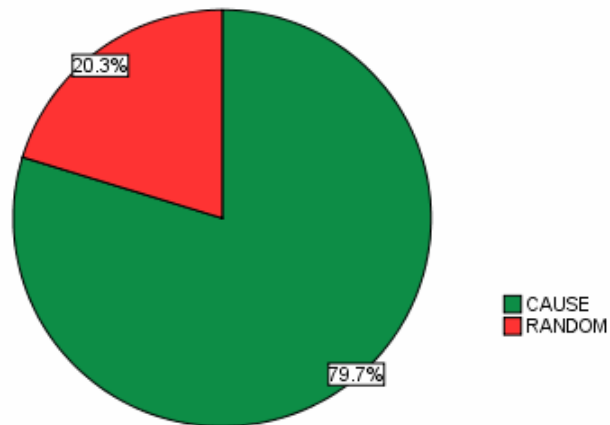
The 2009 positive rate for the Women's GM facility is 4.00% (4 true positives out of 100 collections). The positive rate for the Women's GM facility in 2008 was 0.47%.

WOMEN'S DIX FACILITY

A. Collections:

The Women's DIX facility collected a total of 148 specimens from a total of 64 inmates (this is 1,612 fewer collections (-91.6%) from 171 fewer inmates (-72.8%) than in 2008).

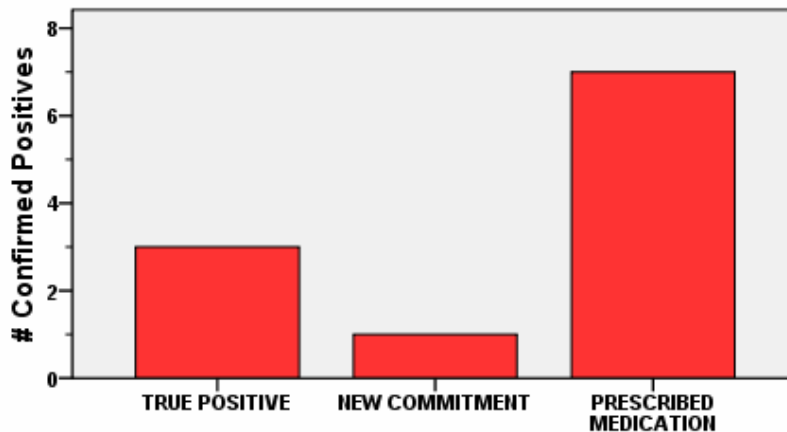
Total Collections by Selection Method
Women's DIX



B. Positive Specimens:

In total, there were 11 specimens that were confirmed positive at the Women's DIX facility. Of those 11, 3 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 8 positives did not result in disciplinary action and can be explained by other means.

Explanation of Positive Test Results
Women's DIX



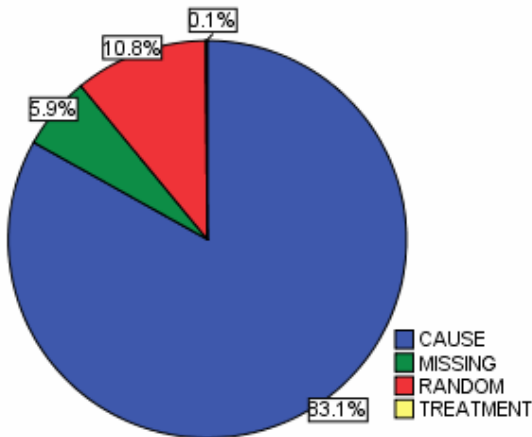
The 2009 positive rate for the Women's DIX facility is 2.03% (3 true positives out of 148 collections). The positive rate for the Women's DIX facility in 2008 was 0.17%.

COMMUNITY CONFINEMENT

A. Collections:

The Community Confinement program collected a total of 2,144 specimens from a total of 1,156 offenders (this is 96 fewer collections (-4.3%) from 59 more offenders (5.4%) than in 2008).

**Total Collections by Selection Method
Community Confinement**

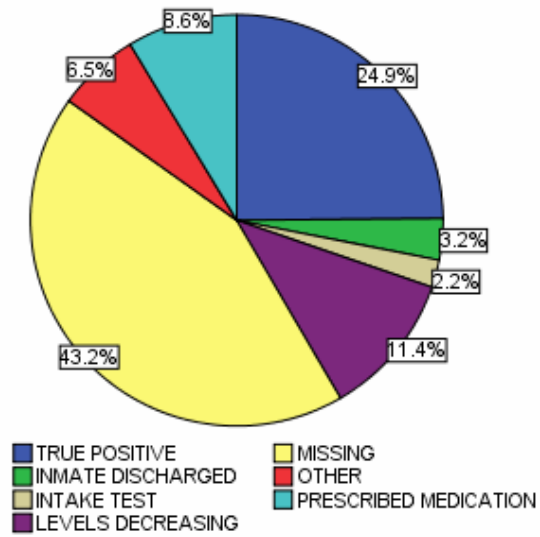


B. Positive Specimens:

In total, there were 185 specimens that were confirmed positive in the Community Confinement program. Of those 185, 46 were true positives (i.e. those specimens that warrant disciplinary action for the offender). The remaining 139 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 2009 positive rate for Community Confinement is 2.15% (46 true positives out of 2,144 collections). *The positive rate for Community Confinement in 2008 was 5.54%.*

PAROLE UNIT

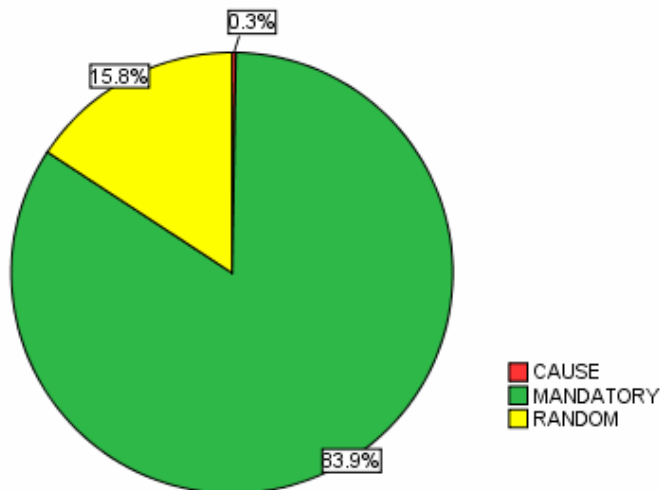
The RIDOC Parole Unit does not conduct its own drug testing. Rather, it has a contract with a qualified vendor for all drug testing services. All information provided is based on an analysis of the statistics maintained by the vendor and disciplinary information maintained by the Parole Unit.

A. Collections:

During calendar year 2009, a total of 1,723 specimens were scheduled to be collected from 702 parolees. Of those 1,723 scheduled collections, 1,719 specimens were actually collected. The remaining 4 scheduled collections did not take place due to the parolee's failure to attend the scheduled appointment.

The collected specimens (1,719) 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 193 specimens that were confirmed positive in the Parole Unit. Of those 193, 89 were true positives (i.e. those specimens that warrant disciplinary action for the parolee). The remaining 104 positives did not result in disciplinary action due to prescribed medication.

The 2009 positive rate for the Parole Unit is 5.18% (89 true positives out of 1,719 collections). *The positive rate for the Parole Unit in 2008 was 5.43%.*