

Rhode Island
Department of Corrections
Planning & Research Unit



URINALYSIS REPORT
Calendar Year 2007
(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.

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 2007 Urinalysis Report* serves as the sixth 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.

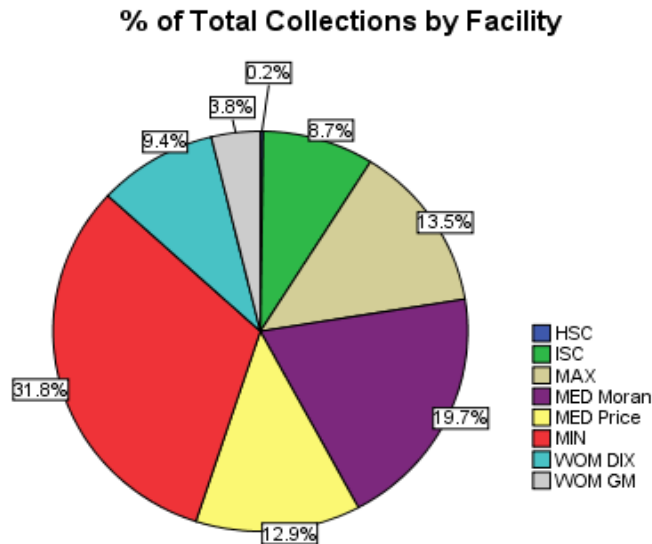
Charts: Throughout this report the use of pie and bar charts varies depending on the n-value. When the n-value is very low a bar chart presenting the actual number cases, rather than the percentage, is used as the percentage could be misleading.

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.

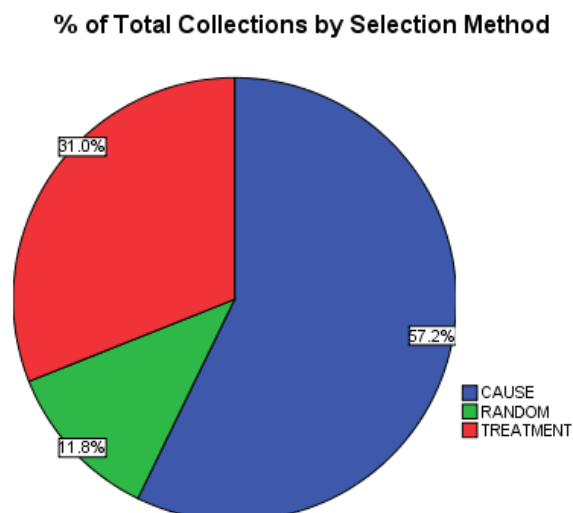
A. How many specimens were collected?

In total, there were 20,287 specimens collected from 5,604 inmates in the facilities during Calendar Year 2007 (this is 3,681 more collections (+22.2%) from 1,142 more inmates (+25.6%) than in 2006):

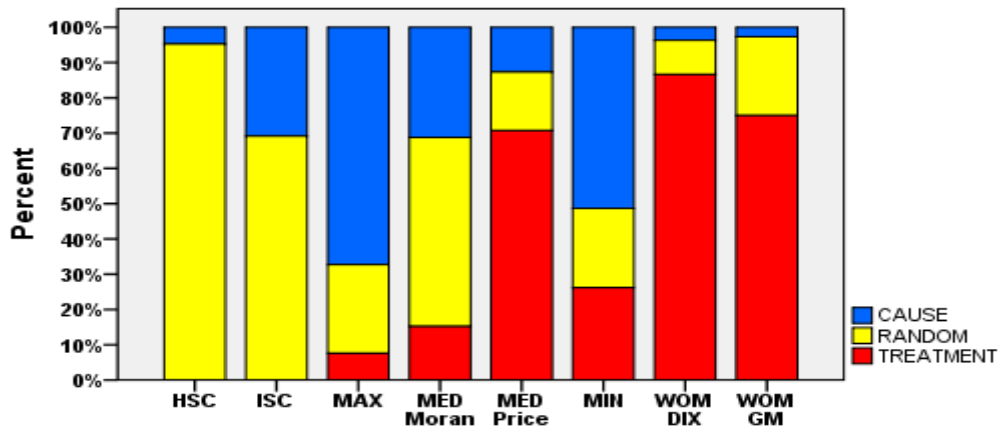


B. How did we select the inmates that provided specimens?

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 2007).

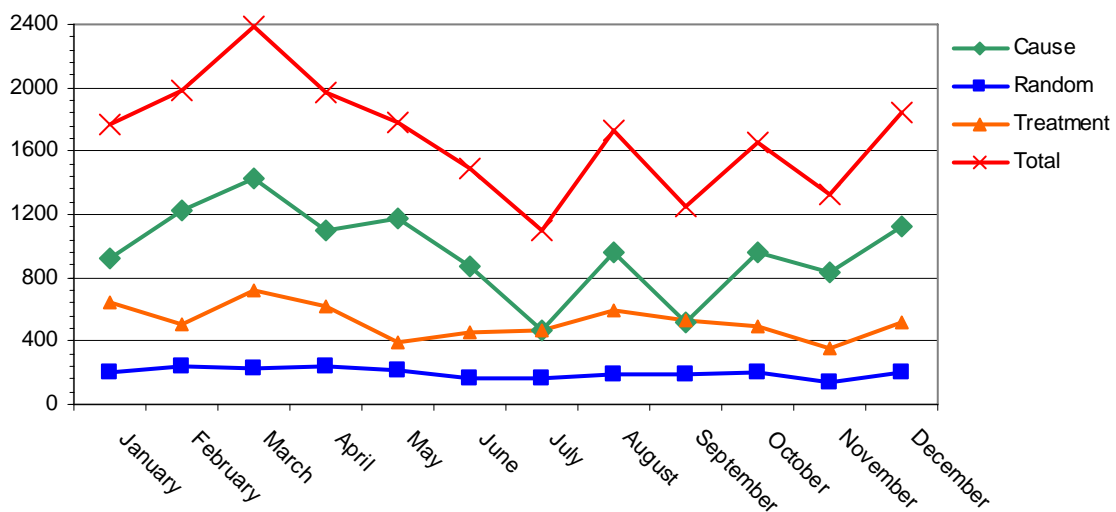


% of Collections by Selection Method and Facility



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

Total Collections per Month for CY07



	SELECTION METHOD			Total
	CAUSE	RANDOM	TREATMENT	
January	927	196	650	1773
February	1230	242	510	1982
March	1428	229	726	2383
April	1104	246	618	1968
May	1171	216	389	1776
June	877	169	449	1495
July	473	159	473	1105
August	959	185	591	1735
September	519	195	531	1245
October	963	204	489	1656
November	828	143	353	1324
December	1125	202	518	1845
Total	11604	2386	6297	20287

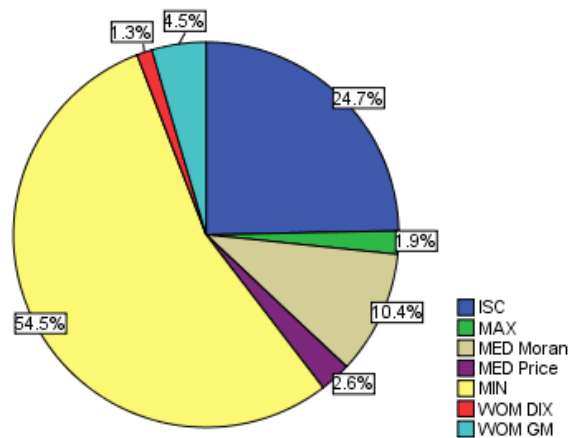
C. How can we explain the positive test results?

Although 20,287 specimens were collected, only 20,158 specimens are included for analysis as 129 collections with missing test result data could not be analyzed. In total, there were 659 specimens that were confirmed positive throughout all facilities. Of those 659, 154 were “true” positives (i.e. those specimens that warrant disciplinary action for the inmate). The other 505 confirmed positives did not result in disciplinary action for various reasons.

Therefore, **the positive rate for the Department for 2007 was 0.76%** (154 true positives out of the total 20,158 collections). *The positive rate for the Department in 2006 was 0.89% (148 true positives out of the total 16,606 collections).*

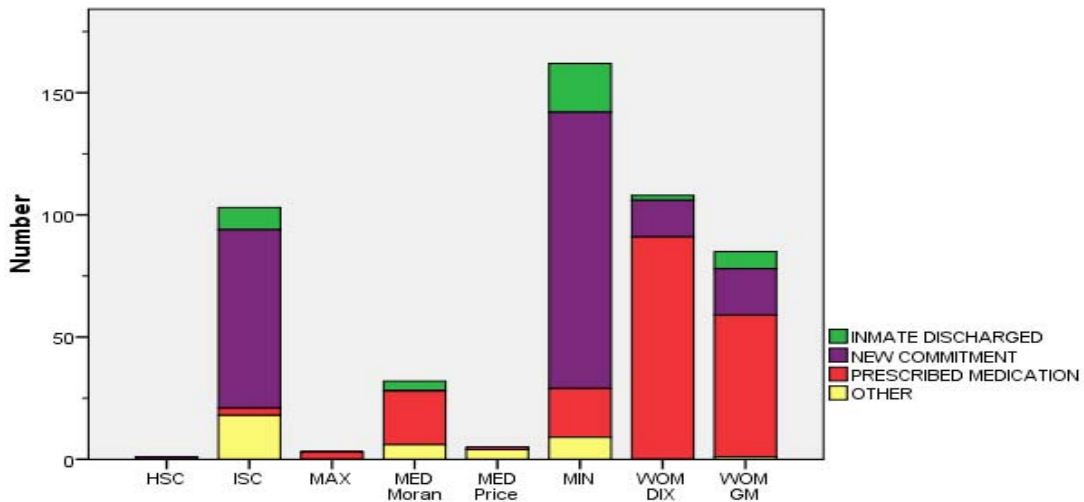
Below is a breakdown of the true positives by facility.

% of True Positives by Facility



In addition to the 154 true positives, the other 505 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	Total
HSC	0	1	0	0	1
ISC	9	73	3	18	103
MAX	0	0	3	0	3
MED Moran	4	0	22	6	32
MED Price	0	0	1	4	5
MIN	20	113	20	9	162
WOM DIX	2	15	91	0	108
WOM GM	7	19	58	1	85
Total	42	221	198	38	499

“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:

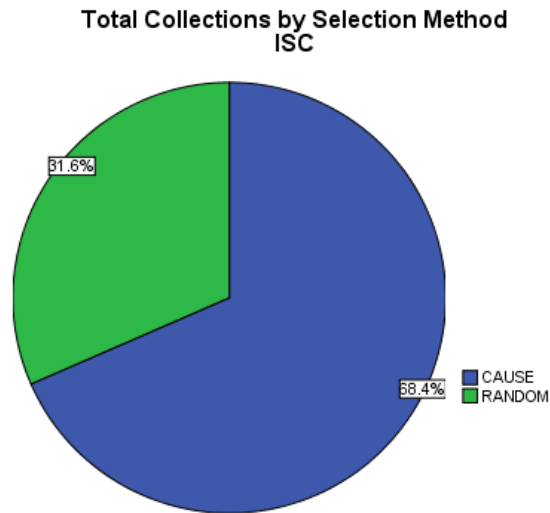
	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>
Total Collections:	19,672	23,361	22,518	21,269	19,890	20,824	16,606	20,158
Inmates Tested:	Unknown	Unknown	5,823	5,594	5,230	5,338	4,462	5,604
True Positives:	157	220	144	135	209	331	148	154
Percent Positive:	0.80%	0.94%	0.64%	0.63%	1.05%	1.59%	0.89%	0.76%

As you can see, over the past 7 years (**since 2001**), the number of collections has decreased by 13.2% and the number of true positives during the same time has decreased by 30.0% (66 true positive tests).

INTAKE SERVICE CENTER (ISC)

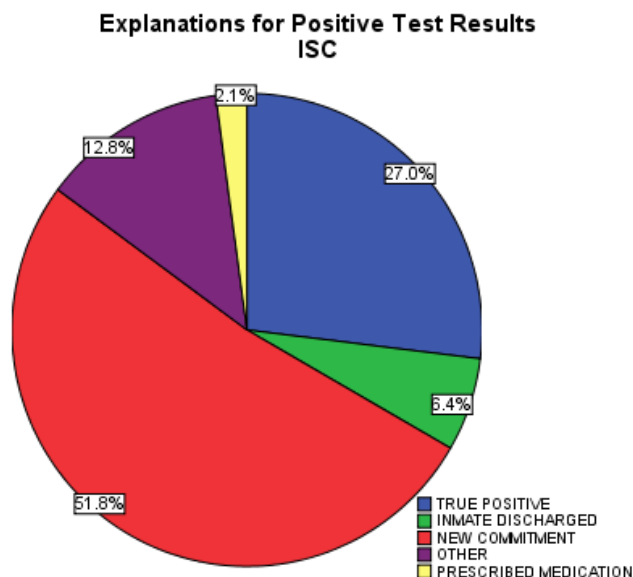
A. Collections:

The ISC collected a total of 1,762 specimens from a total of 1,136 inmates (this is 41 more collections (+2.4%) from 118 more inmates (+11.6%) than in 2006). *There were no treatment collections from inmates at the ISC in 2007; all collections were for Cause or Random selections, as shown below:*



B. Positive Specimens:

In total, there were 147 specimens that were confirmed positive at the ISC. Of those 147, 38 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 109 positives did not result in disciplinary action and can be explained by other means.

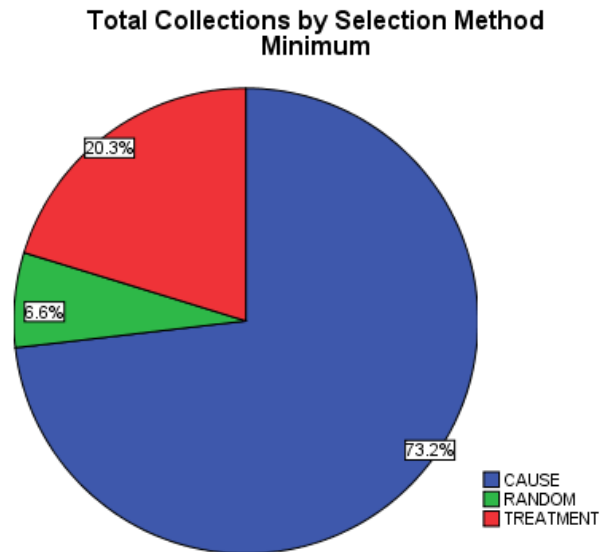


The 2007 positive rate for the ISC is 2.16% (38 true positives out of 1,762 collections). *The positive rate for the ISC in 2006 was 2.03%.*

MINIMUM SECURITY

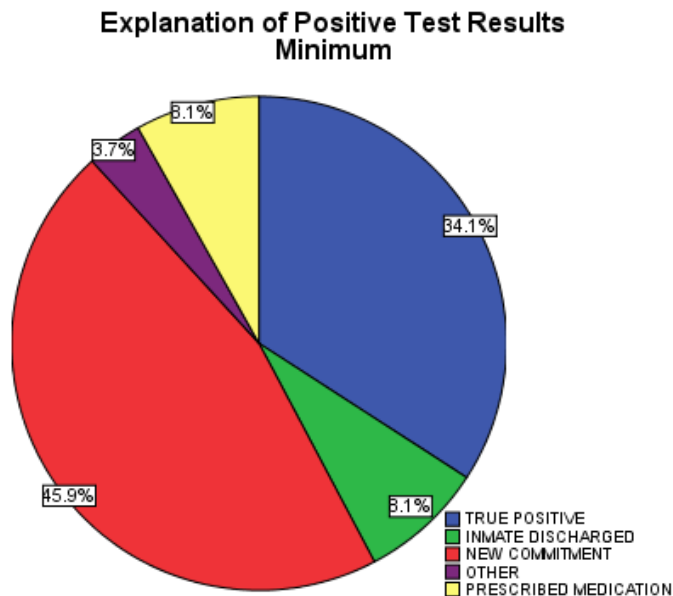
A. Collections:

Minimum collected a total of 6,453 specimens from a total of 1,647 inmates (this is 74 more collections (+1.2%) from 129 more inmates (+8.5%) than in 2006).



B. Positive Specimens:

In total, there were 246 specimens that were confirmed positive at Minimum. Of those 246, 84 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 162 positives did not result in disciplinary action and can be explained by other means.



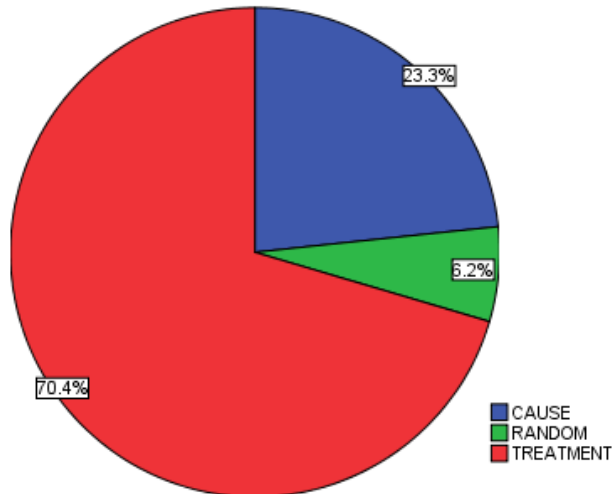
The 2007 positive rate for Minimum Security is 1.30% (84 true positives out of 6,453 collections). *The positive rate for Minimum Security in 2006 was 1.47%.*

MEDIUM PRICE

A. Collections:

Medium Price collected a total of 2,611 specimens from a total of 513 inmates (this is 553 more collections (+26.9%) from 113 more inmates (+28.3%) than in 2006). Only 2,546 specimens are included for analysis as 65 collections with missing test result data could not be analyzed.

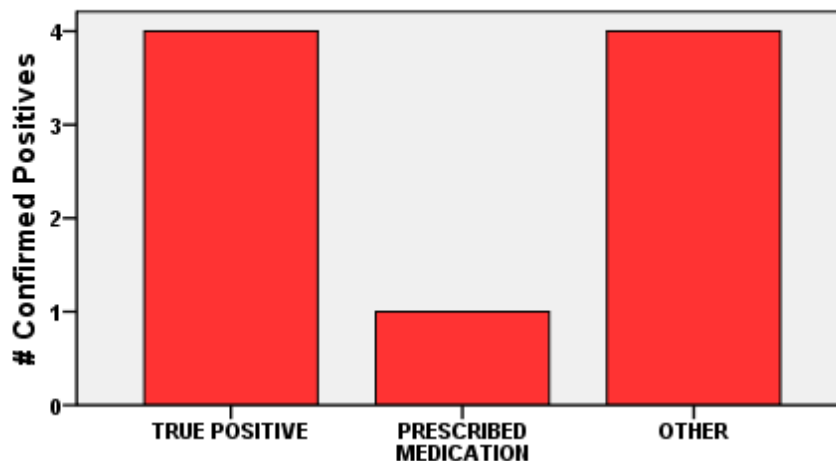
Total Collections by Selection Method
MED Price



B. Positive Specimens:

In total, there were 9 specimens that were confirmed positive at Medium Price. Of those 9, 4 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



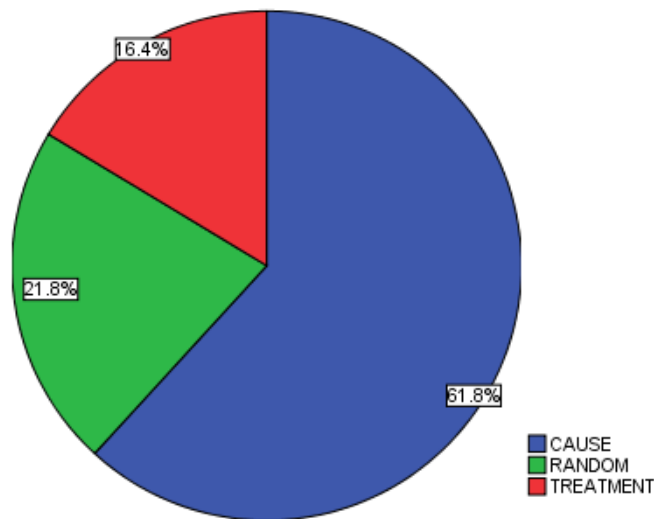
The 2007 positive rate for Medium Price is 0.16% (4 true positives out of 2,546 collections). The positive rate for Medium Price in 2006 was 0.10%.

MEDIUM MORAN

A. Collections:

Medium Moran collected a total of 4,003 specimens from a total of 1,150 inmates (this is 2,249 more collections (+128.2%) from 523 more inmates (+83.4%) than in 2006).

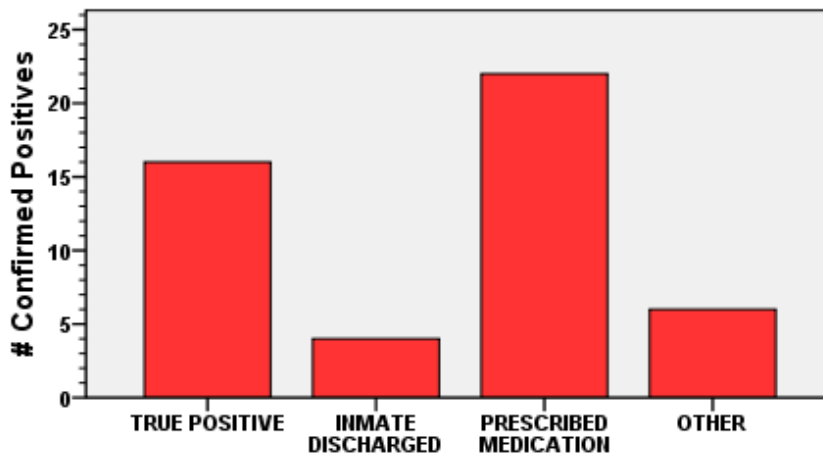
Total Collections by Selection Method
MED Moran



B. Positive Specimens:

In total, there were 48 specimens that were confirmed positive at Medium Moran. Of those 48, 16 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 32 positives did not result in disciplinary action and can be explained by other means.

Explanation of Positive Test Results
MED Moran

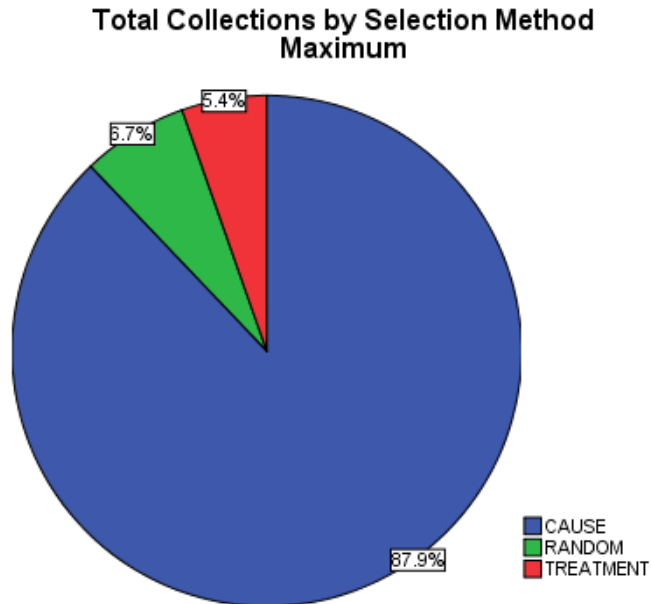


The 2007 positive rate for Medium Moran is 0.40% (16 true positives out of 4,003 collections). The positive rate for Medium Moran in 2006 was 0.29%.

MAXIMUM SECURITY

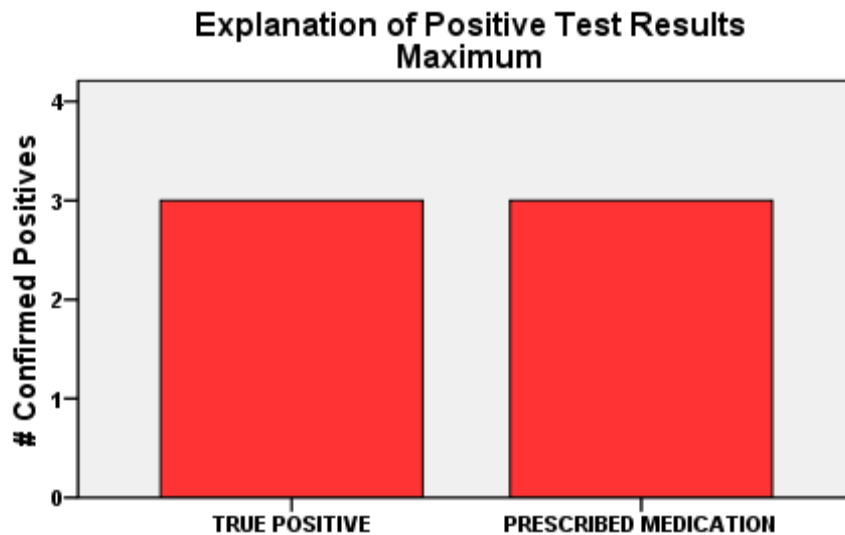
A. Collections:

Maximum Security collected a total of 2,743 specimens from a total of 605 inmates (this is 326 more collections (+13.5%) from 111 more inmates (+22.5%) than in 2006).



B. Positive Specimens:

In total, there were 6 specimens that were confirmed positive at Maximum Security. Of those 6, 3 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.

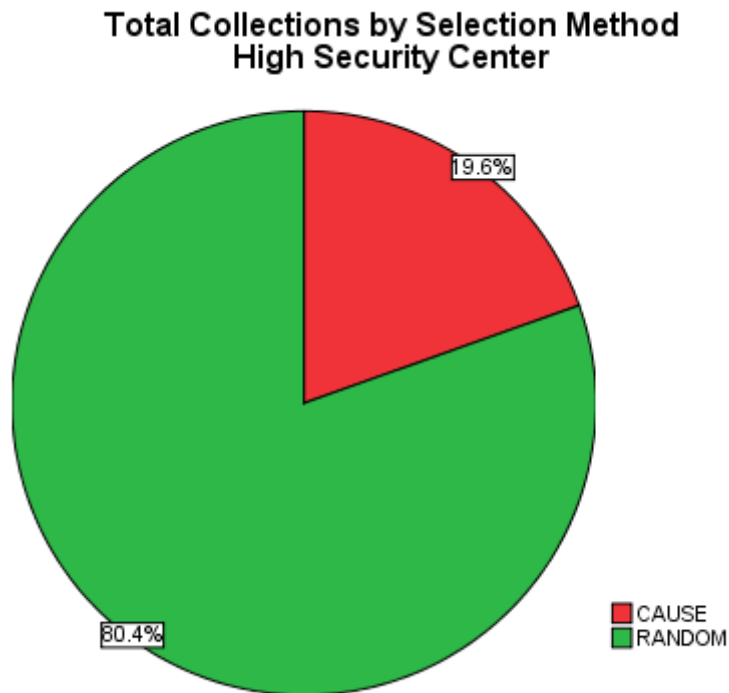


The 2007 positive rate for Maximum Security is 0.11% (3 true positives out of 2,743 collections). The positive rate for Maximum Security in 2006 was 0.25%.

HIGH SECURITY CENTER (HSC)

A. Collections:

The HSC collected a total of 46 specimens from a total of 41 inmates (this is 43 fewer collections (-48.3%) from 22 fewer inmates (-34.9%) than in 2006). *There were no treatment collections from inmates at the HSC in 2007; all collections were for Cause or Random selections, as shown below:*



B. Positive Specimens:

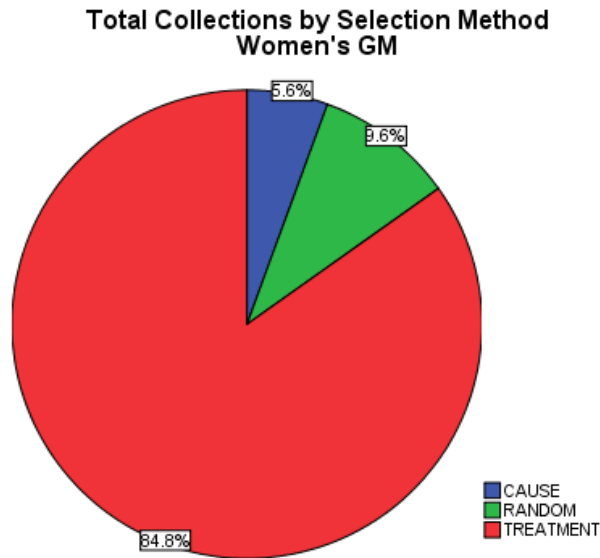
In total, there was 1 specimen that was confirmed positive at the HSC. The inmate that provided the specimen did not receive disciplinary action because he was a newly committed inmate.

The 2007 positive rate for the HSC is 0% (0 true positives out of 46 collections). *The positive rate for the HSC in 2006 was 0%.*

WOMEN'S GLORIA McDONALD FACILITY

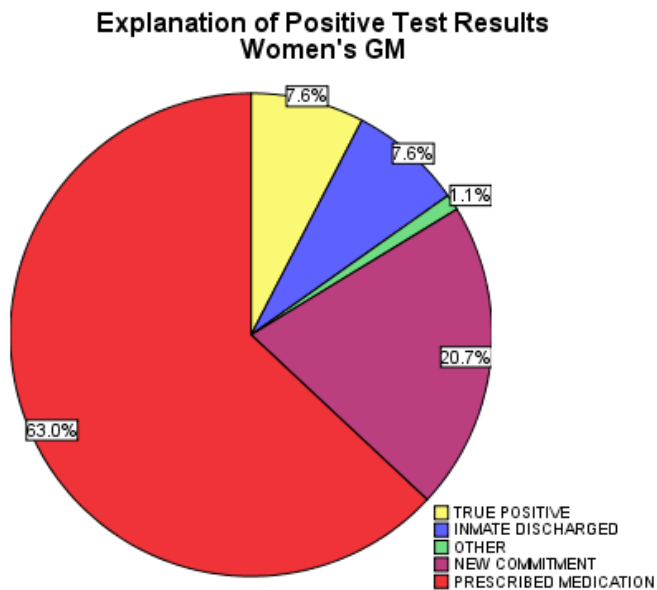
A. Collections:

Women's GM facility collected a total of 772 specimens from a total of 248 inmates (this is 115 more collections (+17.5%) from 113 more inmates (+83.7%) than in 2006).



B. Positive Specimens:

In total, there were 92 specimens that were confirmed positive at the Women's GM facility. Of those 92, 7 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 85 positives did not result in disciplinary action and can be explained by other means.

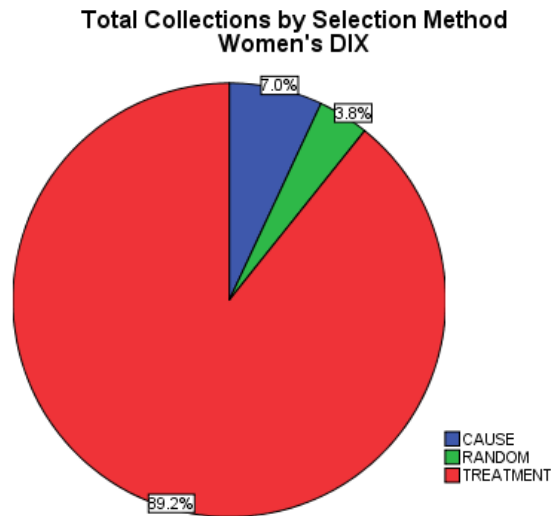


The 2007 positive rate for the Women's GM facility is 0.91% (7 true positives out of 772 collections). The positive rate for the Women's GM facility in 2006 was 0.30%.

WOMEN'S DIX FACILITY

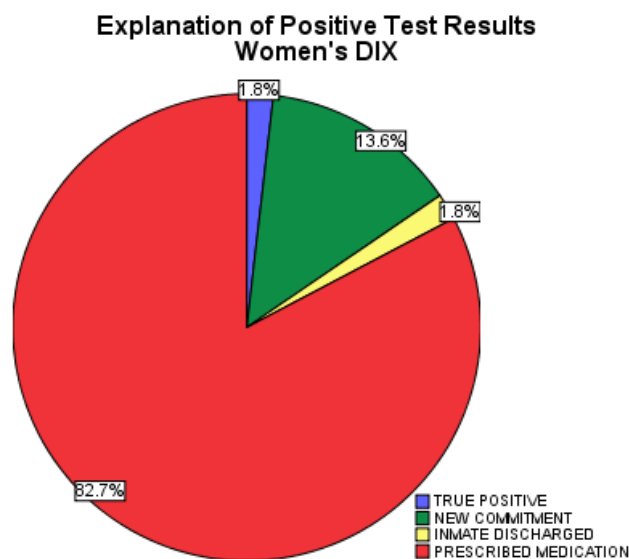
A. Collections:

The Women's DIX facility collected a total of 1,897 specimens from a total of 264 inmates (this is 366 more collections (+23.9%) from 57 more inmates (+27.5%) than in 2006). Only 1,833 specimens are included for analysis as 64 collections with missing test result data could not be analyzed.



B. Positive Specimens:

In total, there were 110 specimens that were confirmed positive at the Women's DIX facility. Of those 110, 2 were true positives (i.e. those specimens that warrant disciplinary action for the inmate), while the remaining 108 positives did not result in disciplinary action and can be explained by other means.

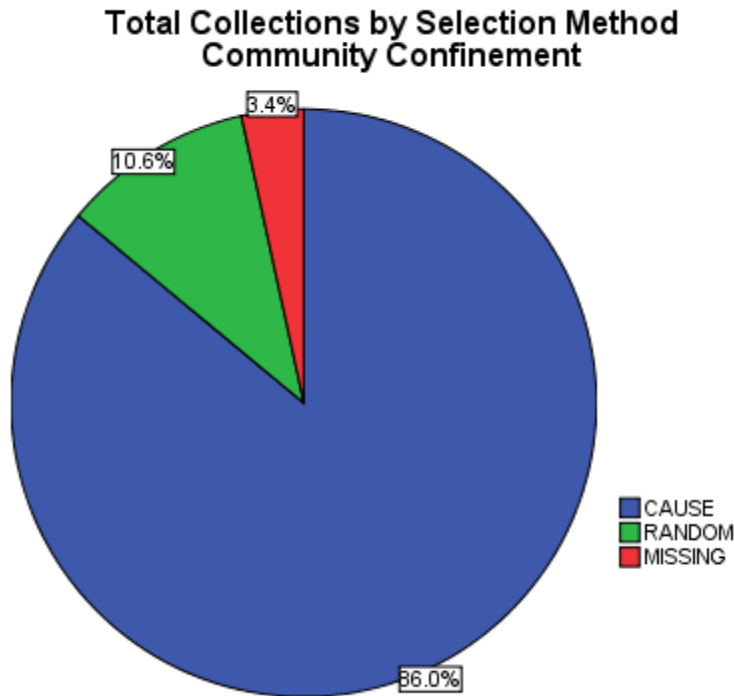


The 2007 positive rate for the Women's DIX facility is 0.11% (2 true positives out of 1,833 collections). *The positive rate for the Women's DIX facility in 2006 was 0.13%.*

COMMUNITY CONFINEMENT

A. Collections:

The Community Confinement program collected a total of 2,485 specimens from a total of 1,189 offenders (this is 395 more collections (+18.9%) from 133 more offenders (+12.6%) than in 2006).

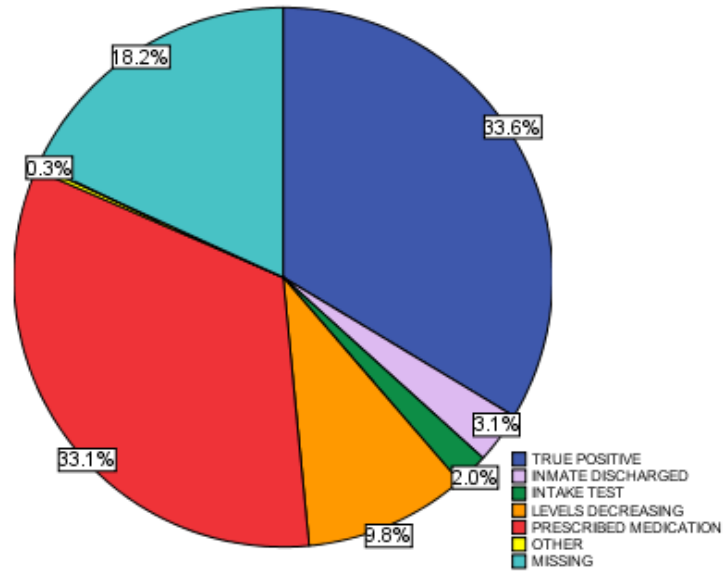


B. Positive Specimens:

In total, there were 357 specimens that were confirmed positive in the Community Confinement program. Of those 357, 120 were true positives (i.e. those specimens that warrant disciplinary action for the offender). The remaining 237 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 2007 positive rate for Community Confinement is 4.83% (120 true positives out of 2,485 collections). The positive rate for Community Confinement in 2006 was 3.99%.

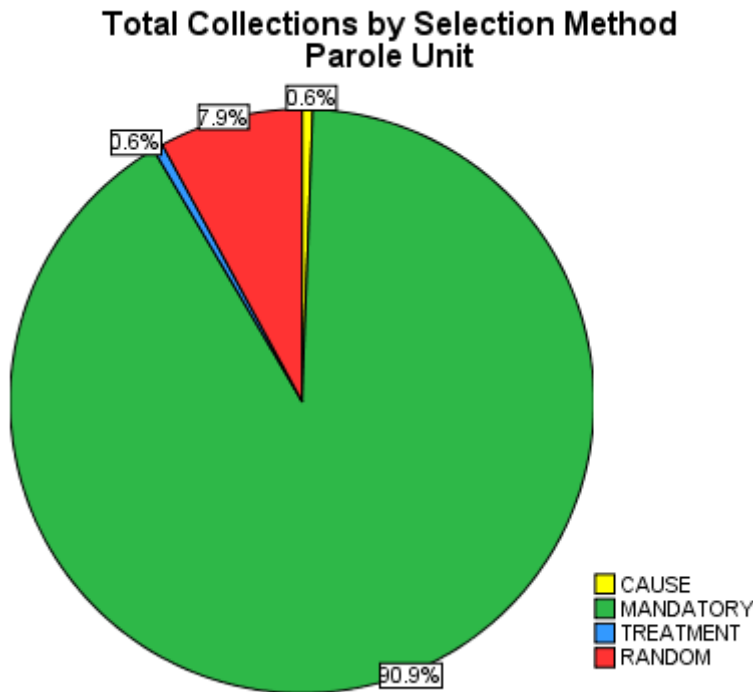
PAROLE UNIT

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 2007 a total of 2,377 specimens were scheduled to be collected from 637 parolees. Of those 2,377 scheduled collections, 2,355 specimens were actually collected. The remaining 22 scheduled collections did not take place due to the parolee's failure to attend the scheduled appointment (21) or their inability to produce a specimen in the allotted time (1).

As shown below, the collected specimens (2,355) 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 202 specimens that were confirmed positive in the Parole Unit. Of those 202, 150 were true positives (i.e. those specimens that warrant disciplinary action for the parolee). The remaining 52 positives did not result in disciplinary action due to prescribed medication.

The 2007 positive rate for the Parole Unit is 6.37% (150 true positives out of 2,355 collections). *The positive rate for the Parole Unit in 2006 was 7.23%.*

