



FPL Energy
Seabrook Station

FPL Energy Seabrook Station
P.O. Box 300
Seabrook, NH 03874
(603) 773-7000

February 21, 2003

Docket No. 50-443

NYN-03011

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

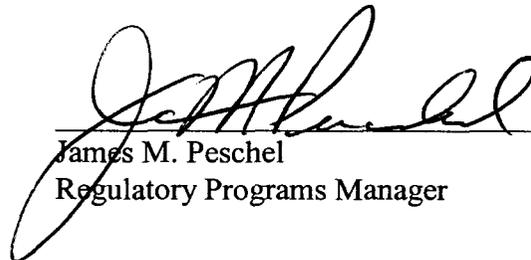
Seabrook Station
Semi-Annual Fitness-For-Duty Report

In accordance with the requirements of 10 CFR 26.71(d), enclosed is the FPL Energy Seabrook, LLC Semi-Annual Fitness-For-Duty Report. This report includes data from June 30, 2002 through December 31, 2002.

Should you have any questions regarding the enclosed revisions, please contact Mr. James J. Pandolfo, Security Manager, at (603) 773-7047.

Very truly yours,

FPL Energy Seabrook, LLC



James M. Peschel
Regulatory Programs Manager

cc: H. J. Miller, NRC Region I Administrator
V. Nerses, NRC Project Manager, Project Directorate I-2
G. T. Dentel, NRC Senior Resident Inspector

A021

ENCLOSURE TO NYN-03011

FPL Energy – Seabrook Station

Semi-Annual Fitness-for-Duty Report

July 01, 2002, through December 31, 2002

FPL Energy – Seabrook Station
Semi-Annual Fitness-for-Duty Report
for period ending December 31, 2002

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**Fitness for Duty Program
Performance Data
Personnel Subject to 10CFR 26**

FPL Energy - Seabrook Station

Six Month Period Ending: 31 December 2002

P.O. Box 300

Seabrook, NH 03874

Contact: James J. Pandolfo

Phone: (603) 773-7047

Cutoffs: Screen/Confirmation (ng/ml) Appendix A to 10CFR 26

Marijuana 50/ 15 Amphetamines 1000/ 500 Nitrite 500

Cocaine 300/ 150 Phencyclidine 25/ 25

Opiates 300/ 300 Alcohol (% BAC) 0.04

Random Testing Rate Required: 50% Conducted: 53%

Testing Results		Licensee Employees		Long-Term Contractors		Short-Term Contractors	
Average Number with Unescorted Access		797		1		474	
Categories		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Pre-Access		8	0	0	0	97	1
Post Accident or Observed Behavior	For Cause	0	0	0	0	0	0
		3	1	0	0	5	0
Random		213	2	0	0	77	1
Follow-up		58	0	0	0	1	0
Other		0	0	0	0	2	0
Total		282	3	0	0	182	2

Breakdown of Confirmed Positive Tests for Specific Substances

	Marijuana		Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	Nitrite	2	3	4		
	NRC	FPL E												
	Cutoff Level													
100 ng	50 ng													
Licensee Employees		1					2							
Long-Term Contractors														
Short-Term Contractors	2												A	
Total	2	1	0	0	0	0	2	0	0	0	0	0	5	

PROGRAM EFFECTIVENESS

The data compiled during this reporting period is presented in the graphic analysis beginning after the management summary in this report.

The failure rate for all tests conducted during the second half of 2002 is 1.08% (5 of 464). The licensee failure rate is 0.65% and the short-term contractor failure rate is 0.43%.

- Licensees account for 3 failures -- 2 random (1 alcohol, and 1 marijuana),
1 for cause (alcohol)
- Contractors account for 2 failures - 1 random (marijuana)
1 pre-badging (marijuana)

During this period 1 of 3 marijuana failures was detected at FPL Energy's 50ng cutoff level.

An internal audit of the FPL Energy FFD program was conducted by the Oversight Department in December. There were no findings.

All available evidence indicates that the continued support of FPL Energy – Seabrook Station management and employees has provided the basis for the FFD program's effective implementation and continued advancement toward the goal of achieving a workplace free of drugs and alcohol and the effects of such substances.

INITIATIVES

1. Replaced RBT III's and Alco Sensor III's with RBT IV's and Alco Sensor IV's.
2. Trained and certified two nurses for proficiency in urine specimen collection and breath alcohol measurement.
3. Recertified four collection personnel for proficiency in urine specimen collection and breath alcohol measurement.
4. Site wide company transition from North Atlantic to FPL Energy – Seabrook Station.
5. Updated all Office Instructions, Protocols, Appendix's, and forms to reflect the company name change.
6. Revised the Blood Protocol to make it more user-friendly when used off-site at Exeter Hospital.
7. Reduced FFD collection staff to one technician.
8. Separated DOT from NRC – The DOT program responsibilities have been reassigned to a Small Business Consortium.
9. FFD staff participated in Oversight Audits and Industry Workshops.

BLIND SPECIMEN REPORT

To ensure laboratory quality control, FPL Energy – Seabrook Station contracted with Duo Research Inc., Denver, CO, to provide blind performance test specimens in accordance with the NRC Guidelines (10CFR26, Appendix A). Approximately 80 percent of these blind performance test specimens were blank (i.e., certified to contain no drug) and the remaining samples were positive for one or more drugs per sample in a distribution such that all the drugs tested were included in approximately equal frequencies of challenge.

During the second half of 2002, FPL Energy submitted 56 blind performance test specimens to Quest Diagnostics, Inc., Norristown, PA. The following statistics are presented in such a way as to show that the requirements were met during each quarter of this six-month period as well as for the total reporting period.

<u>Third Quarter of 2002</u>	<u>Fourth Quarter of 2002</u>	<u>Second Half of 2002</u>
Tests Submitted: 239	Tests Submitted: 225	Tests Submitted: 464
Blinds Required: 24	Blinds Required: 23	Blinds Required: 47
Blinds Submitted: 30	Blinds Submitted: 26*	Blinds Submitted: 56
Exceeded 10% by: 6	Exceeded 10% by: 3	Exceeded 10% by: 9
Negative: 25 (83%)	Negative: 55 (81%)	Negative: 11 (80%)
Positive: 5 (17%)	Positive: 13 (19%)	Positive: 45 (20%)

* One of the blind specimens, containing the primary cocaine metabolite, benzoylecgonine, was reported as negative. It appears that the sample may have been inadvertently diluted at the time that it was first prepared, or when the contents were transferred into bottles provided by the laboratory. The sampling inconsistencies have been entered into the corrective action program for evaluation, trending, and corrective actions.

* Another blind specimen submitted during this period containing d-amphetamine was incorrectly reported as negative. Duo Research is at this time conducting their investigation.

TELEPHONICALLY REPORTED EVENTS

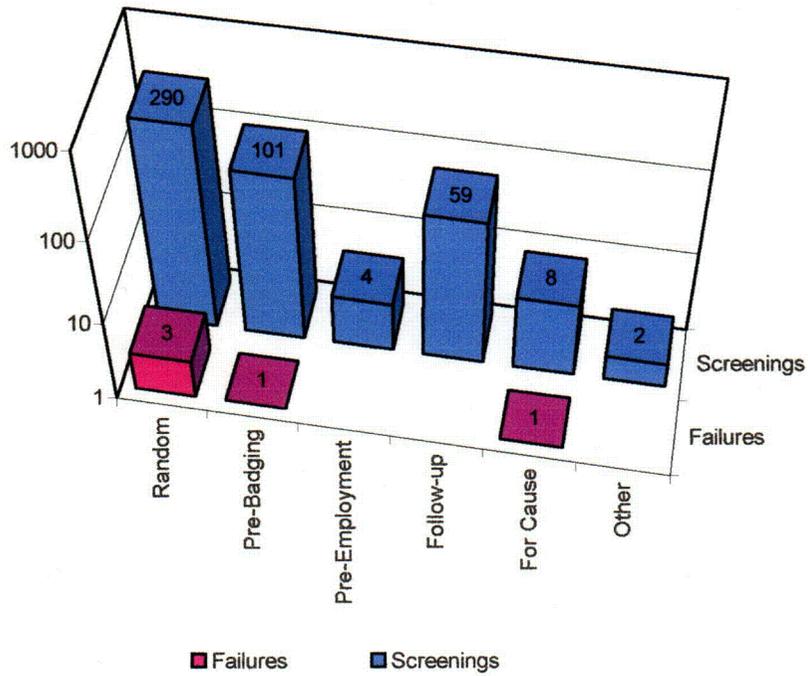
During this period there were no telephonically reported events under the reporting requirements of 10CFR26.

The following is a Graphic Analysis

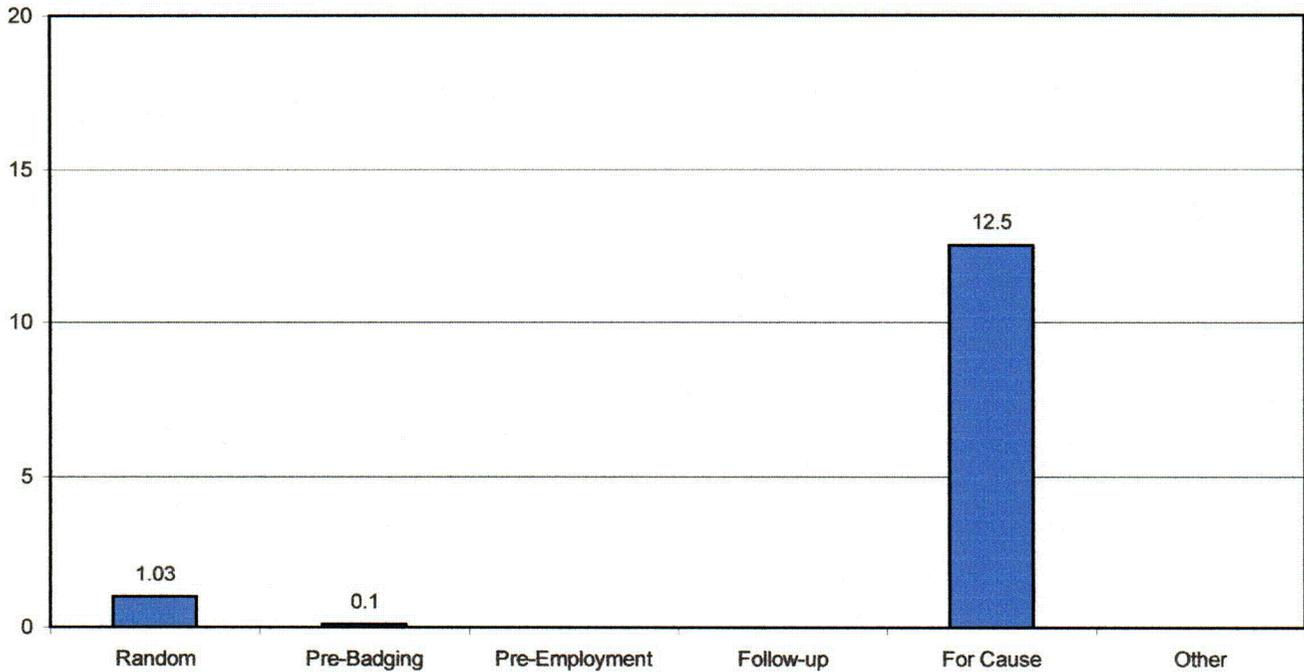
For the Period
July 01, 2002, through December 31, 2002
(pages 7-10)

Total Screenings vs. Failures by Test Type

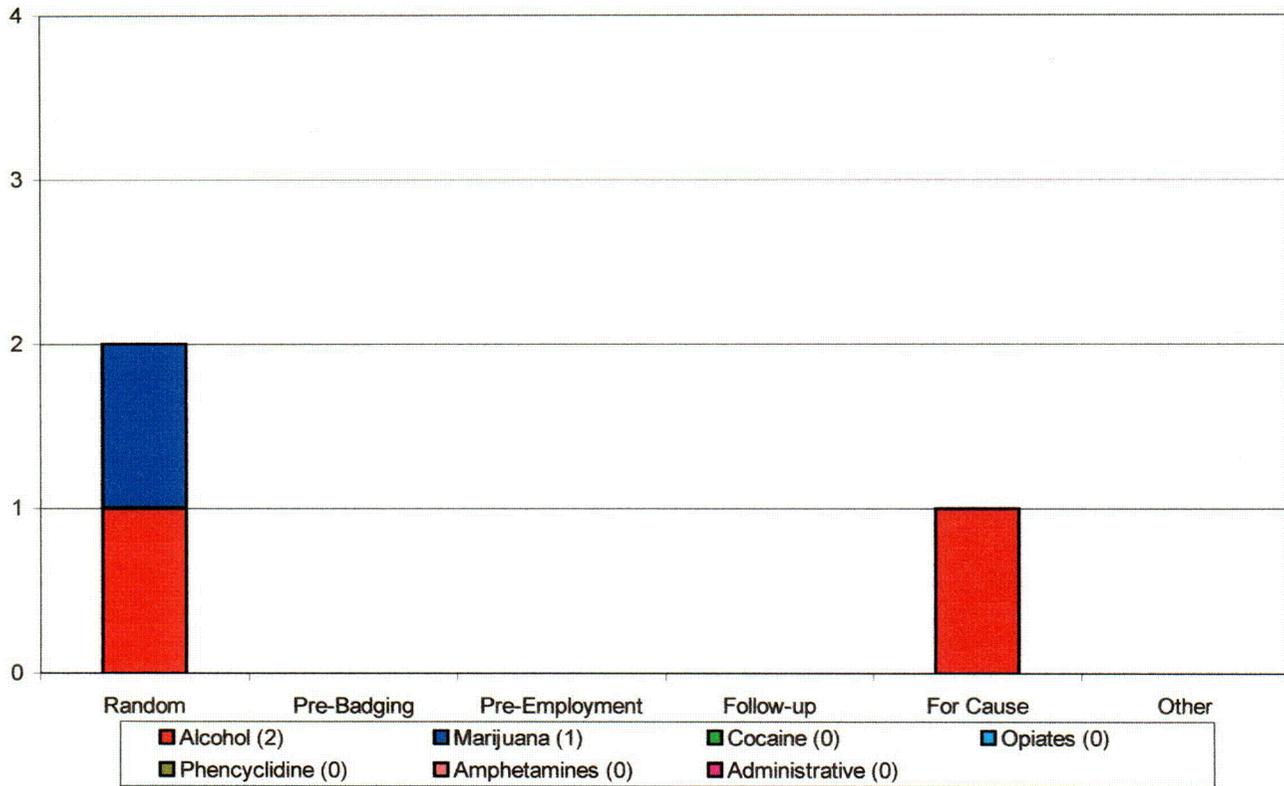
Total Screenings: 464
Total Failures: 5



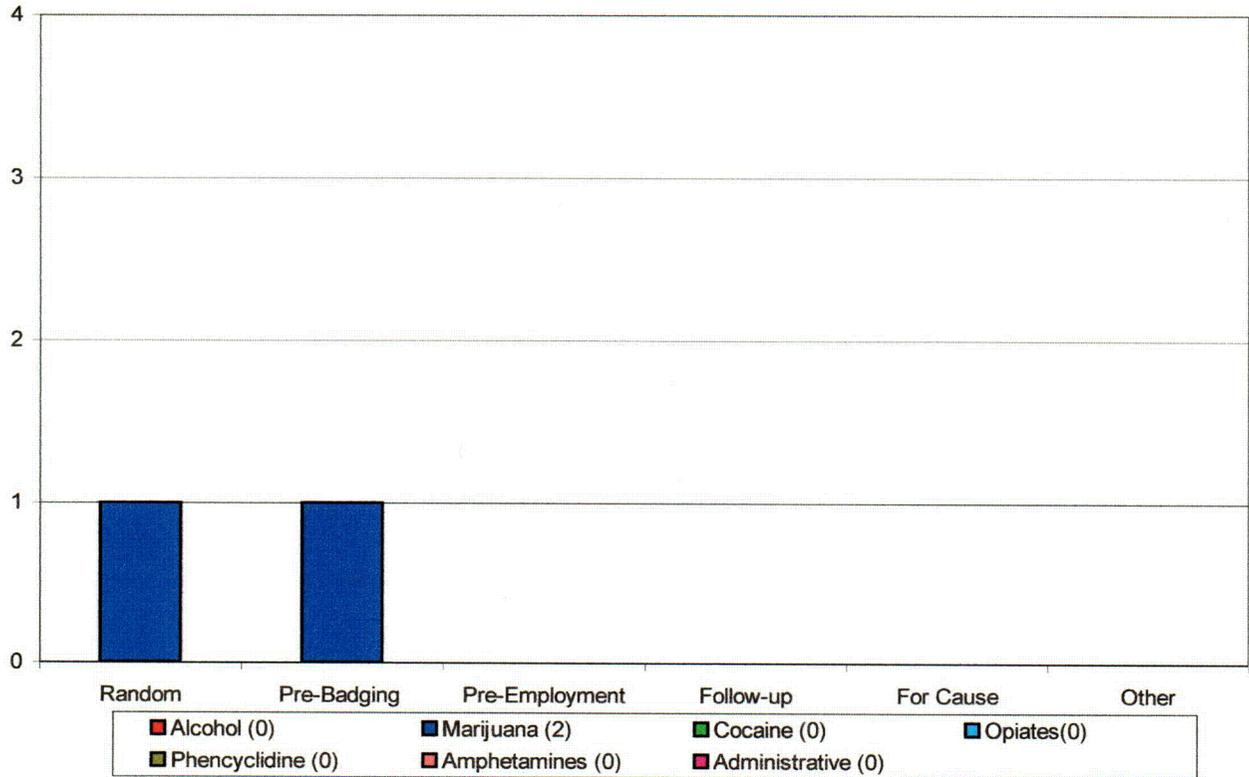
Percentage of Failures by Test Type



Licensee Failures by Substance

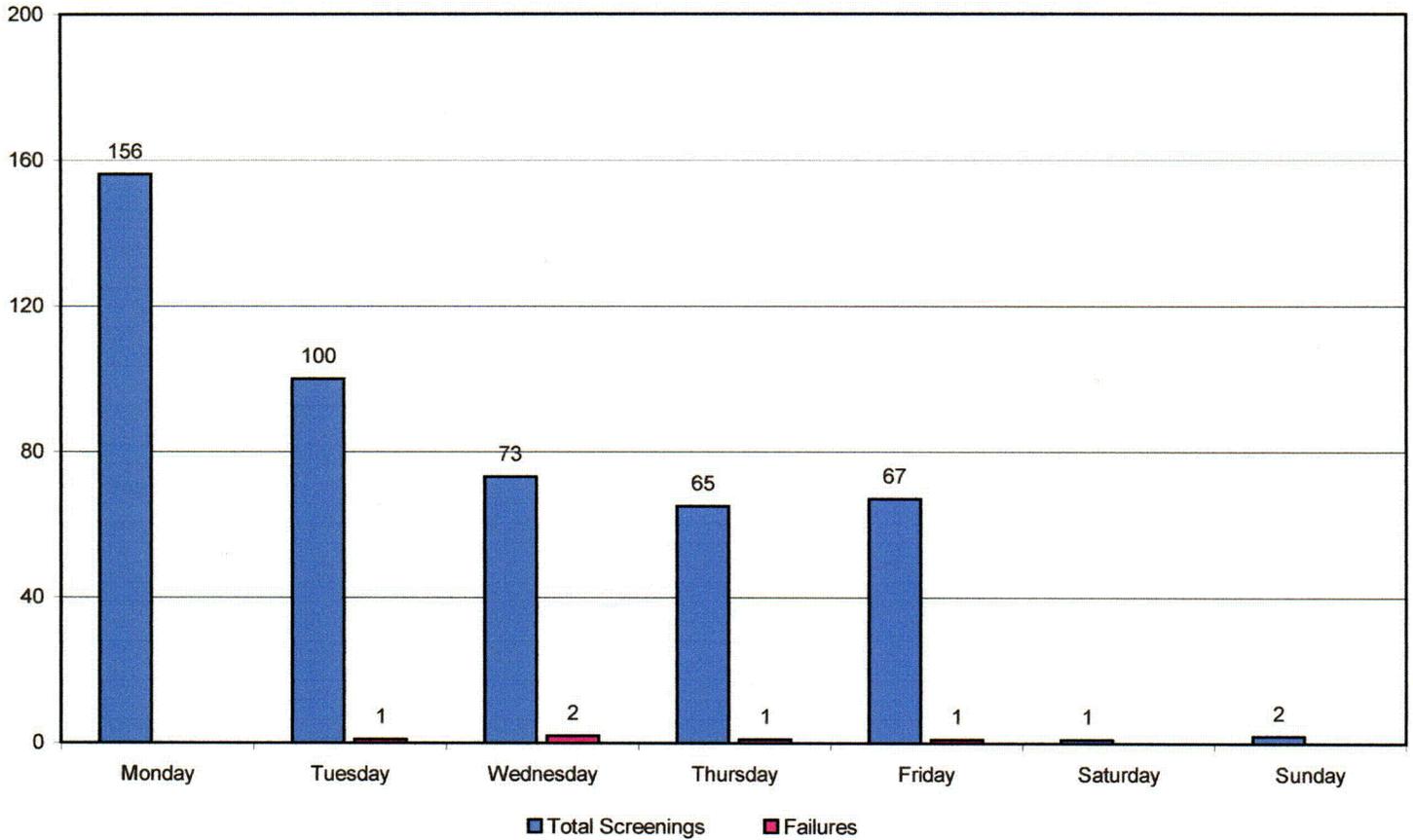


Contractor Failures by Substance

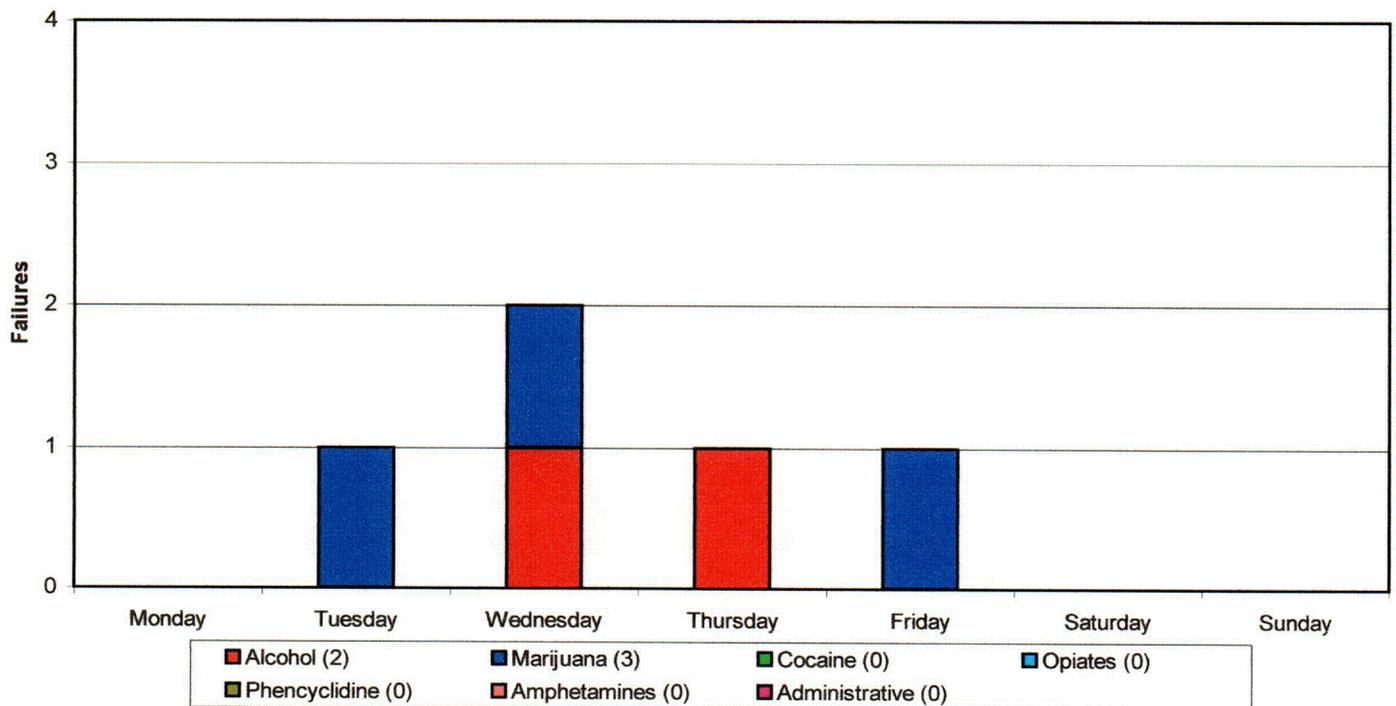


C02

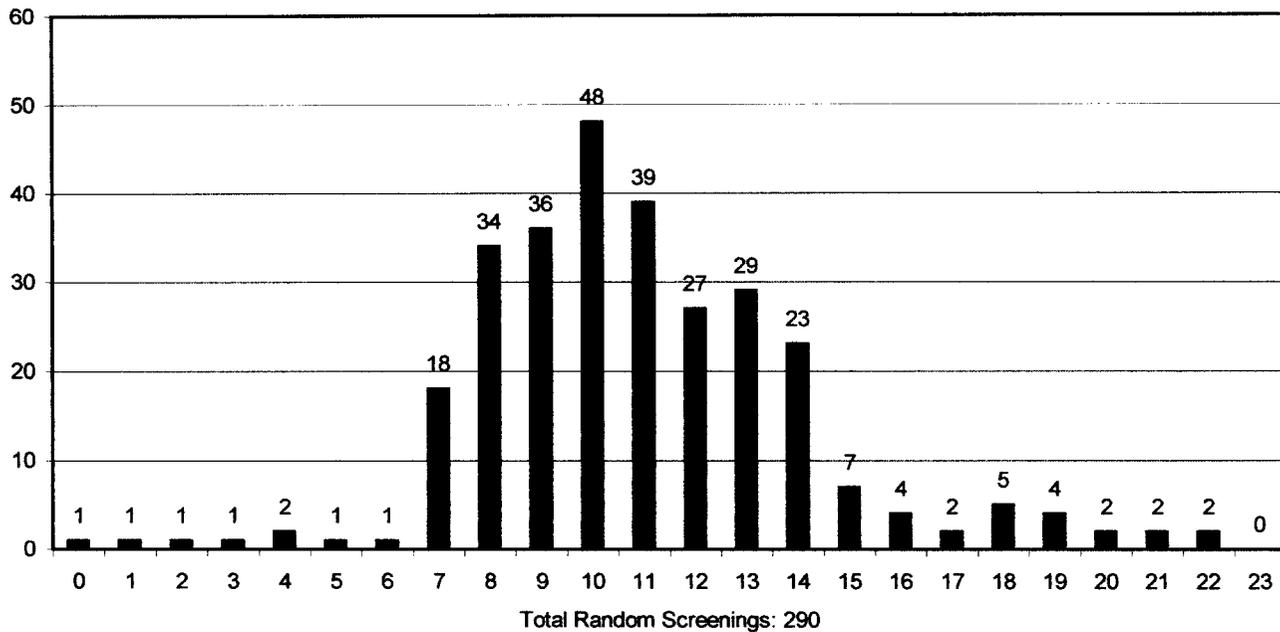
Total Screenings vs. Failures by Day of Week



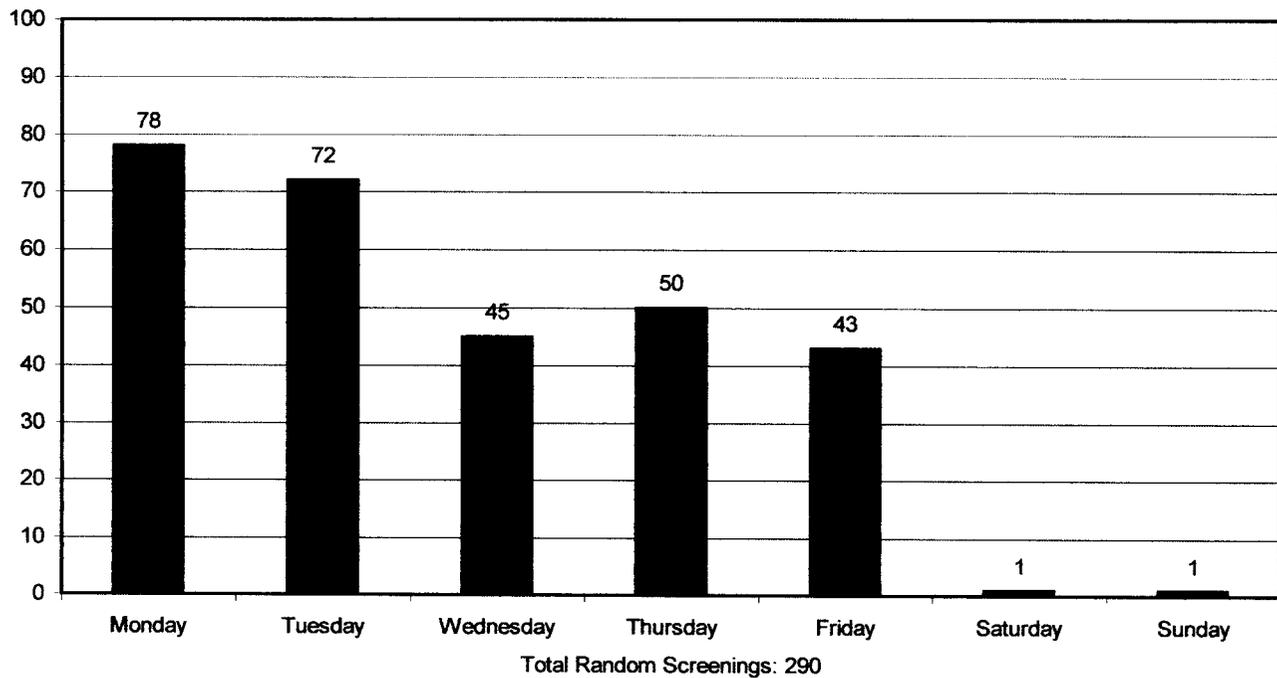
Reason for Failure by Day of Week



Random Screenings by Hour of Day



Random Screenings by Day of Week



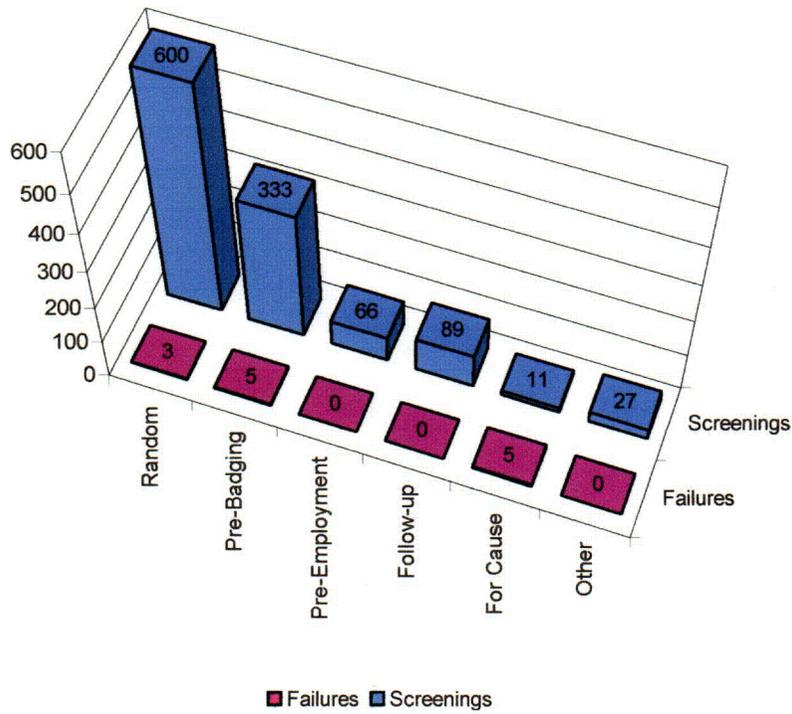
The following is a Graphic Trend Analysis

2001 vs. 2002
(pages 11-18)

Total Screenings vs. Failures by Test Type

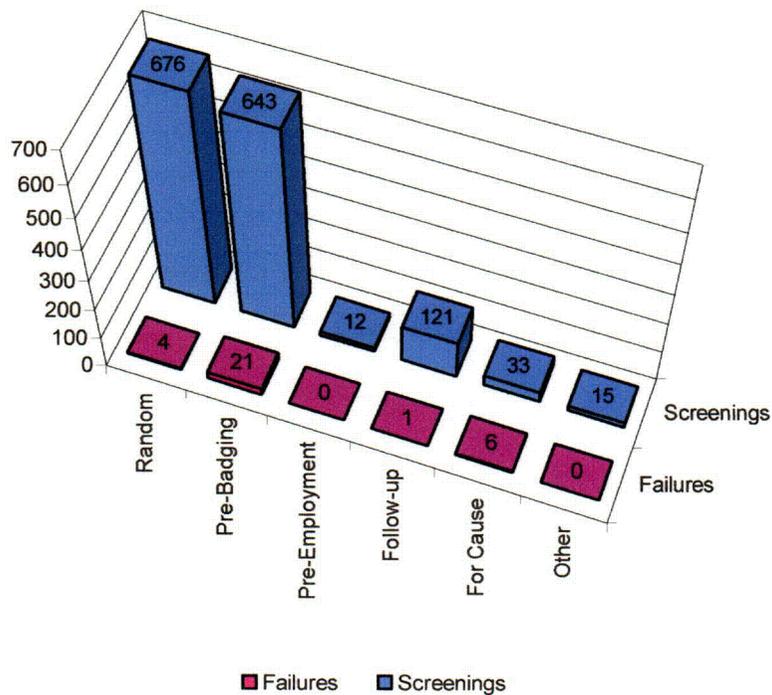
2001

Total Screenings: 1126
Total Failures: 13

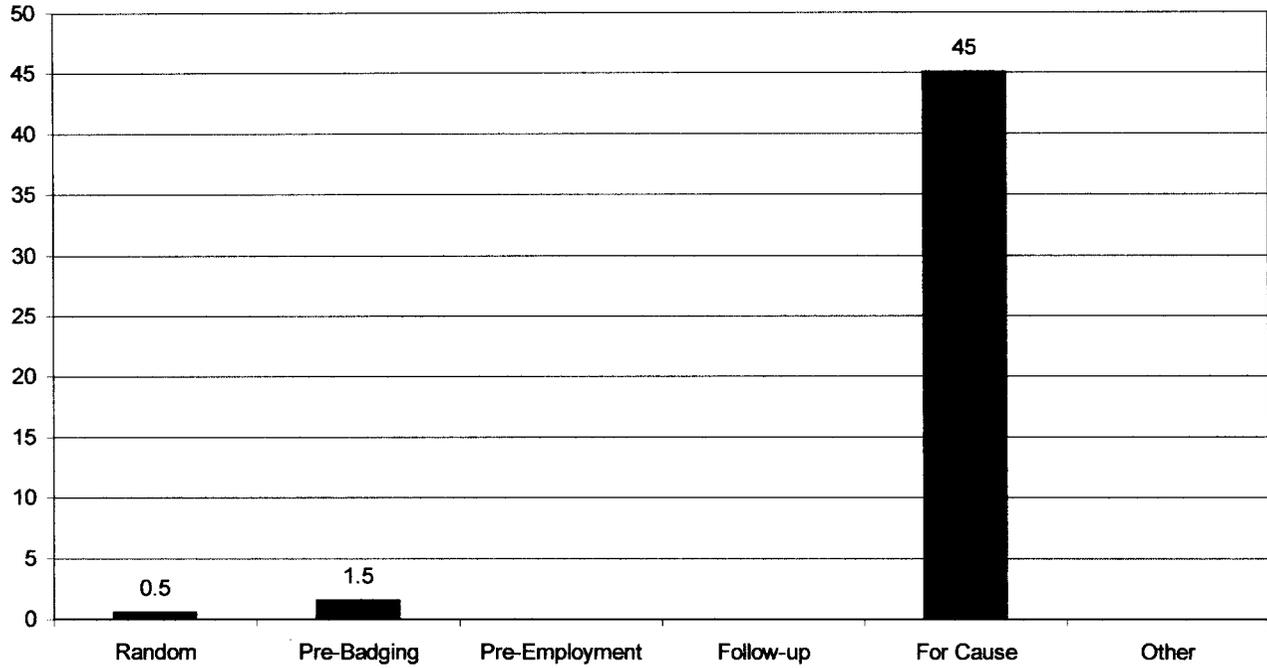


2002

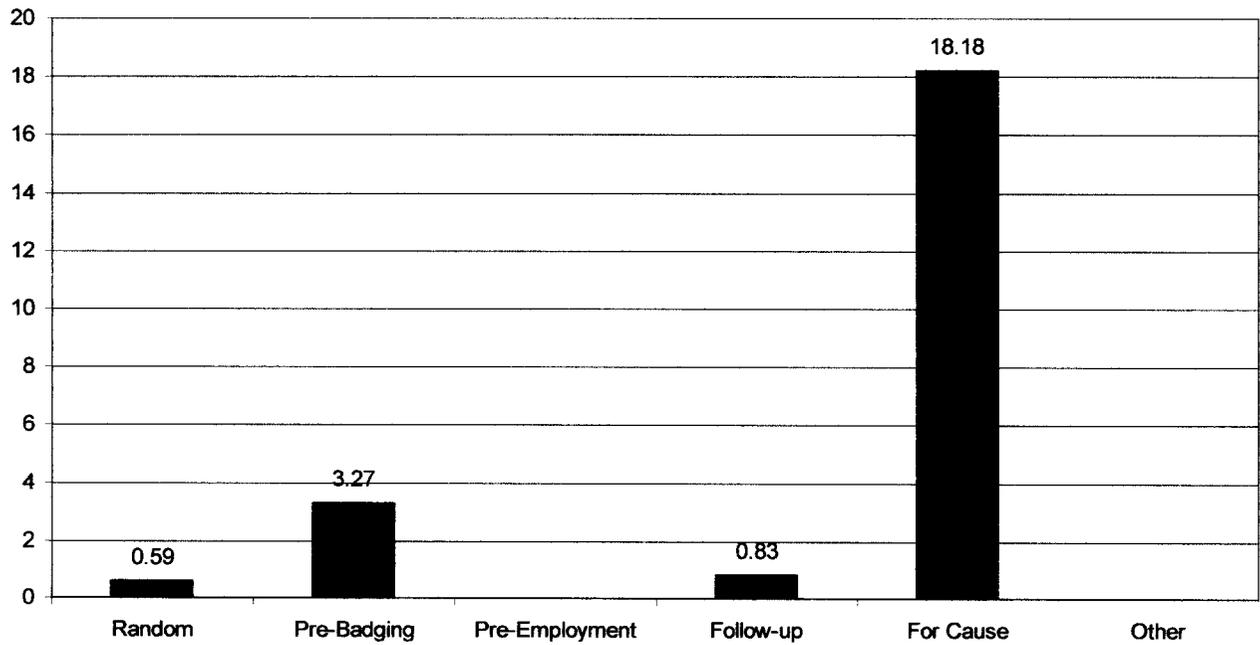
Total Screenings: 1500
Total Failures: 32



Percentage of Failures by Test Type 2001

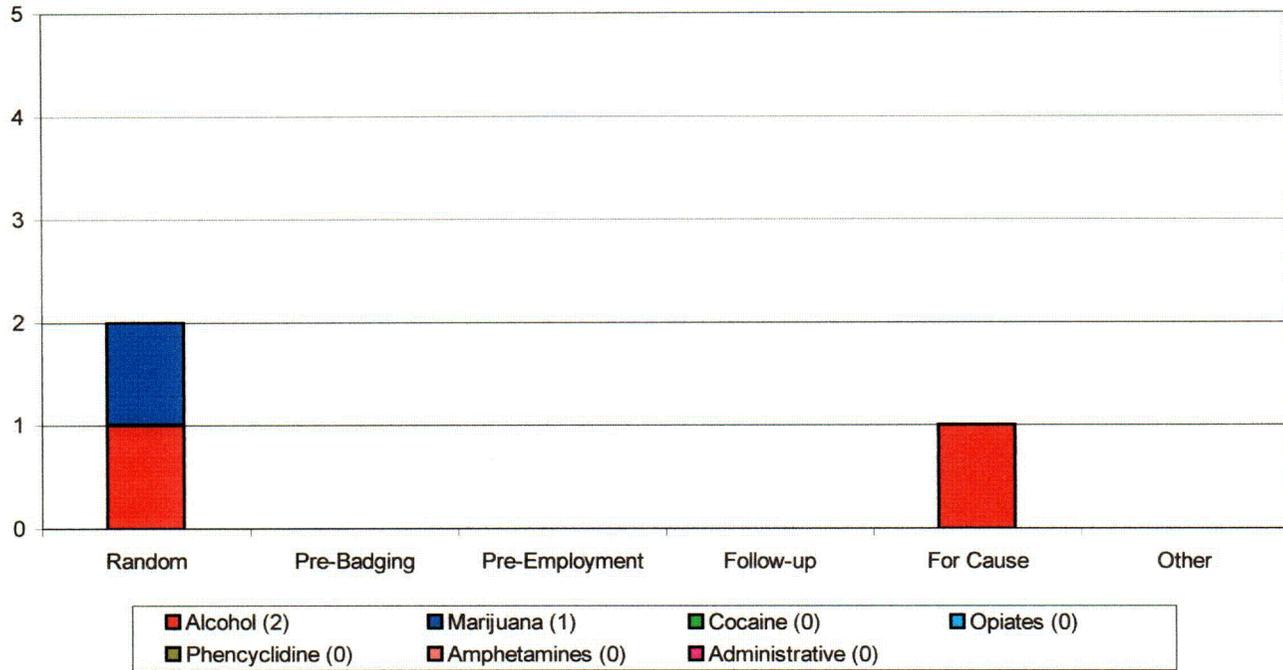


2002

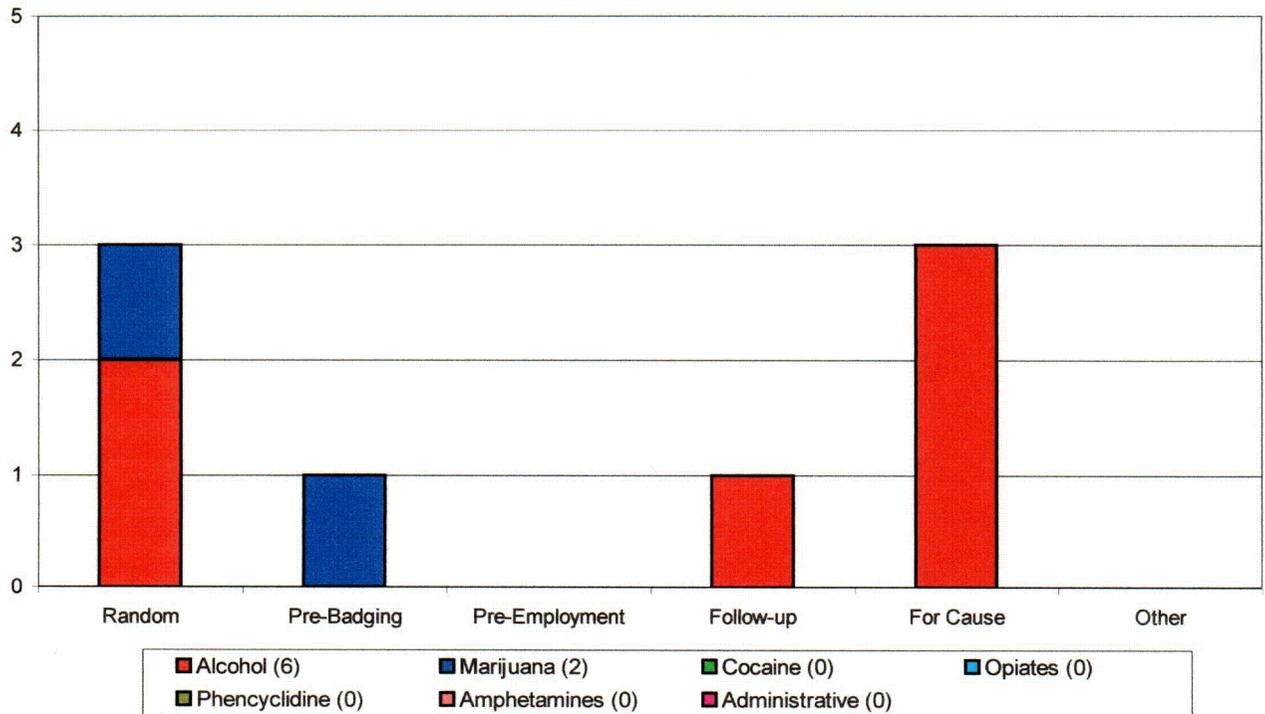


Licensee Failures by Substance

2001

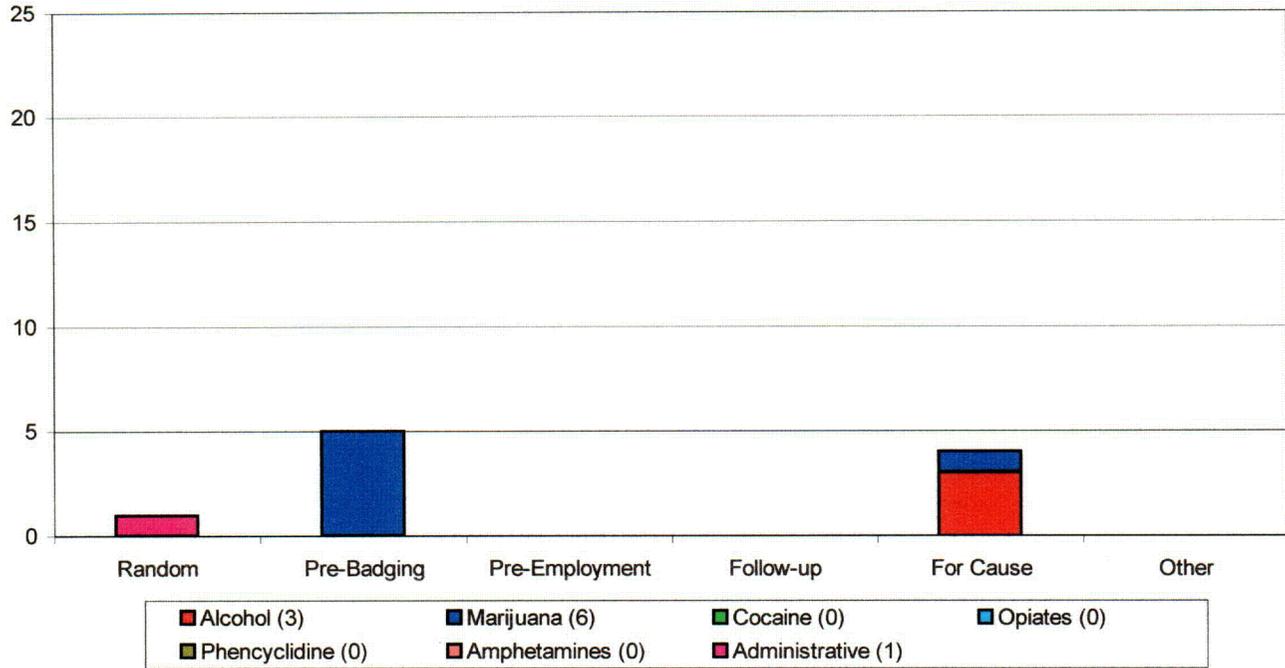


2002

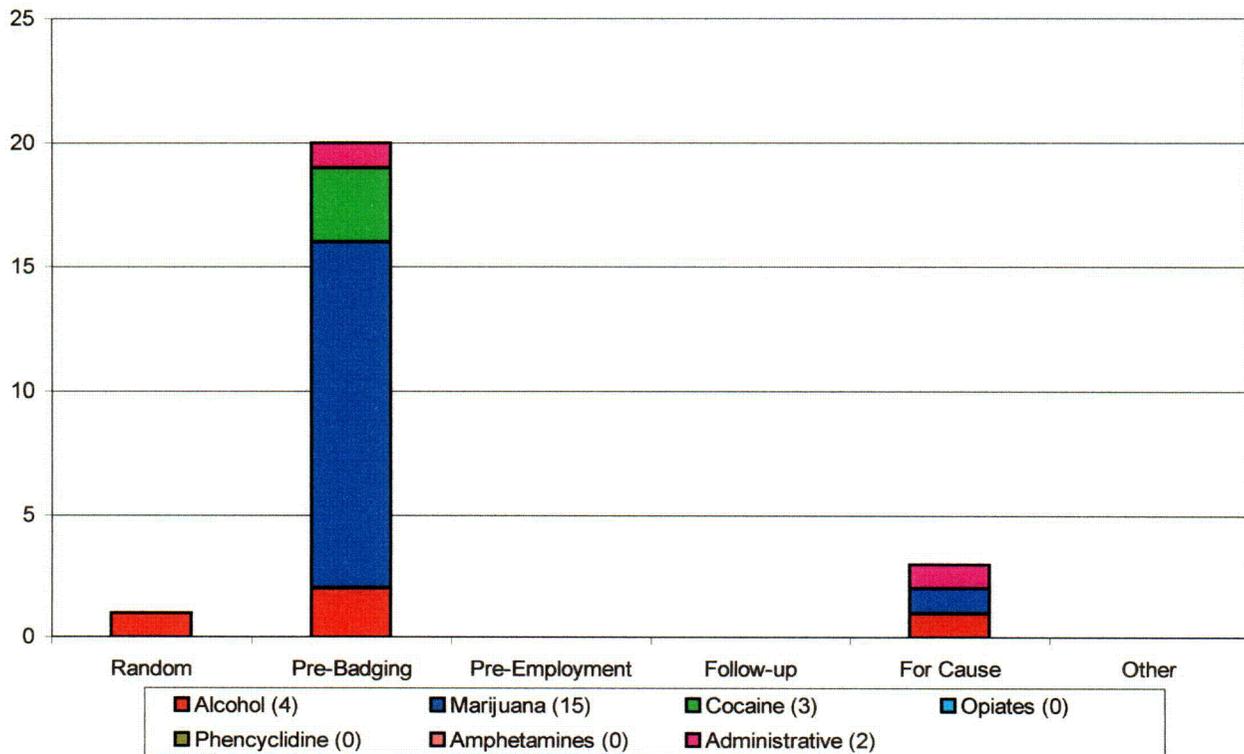


CO5

Contractor Failures by Substance 2001

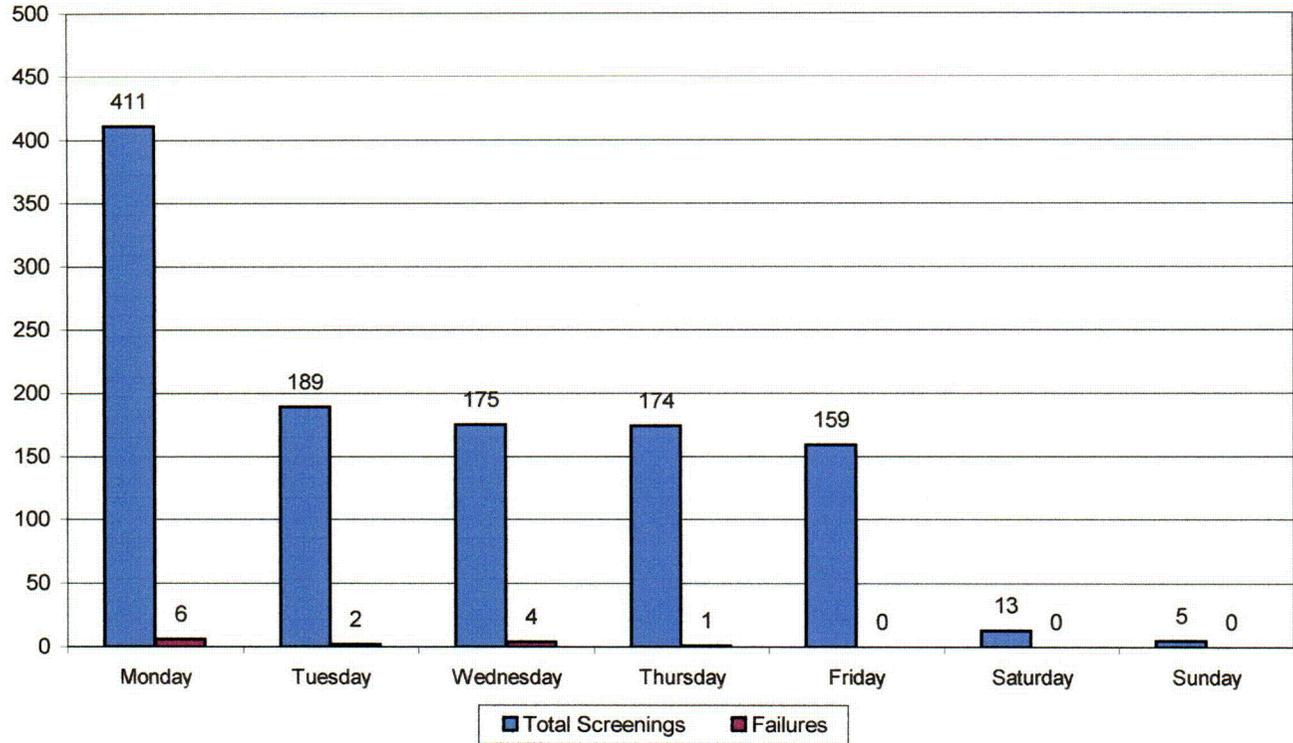


2002

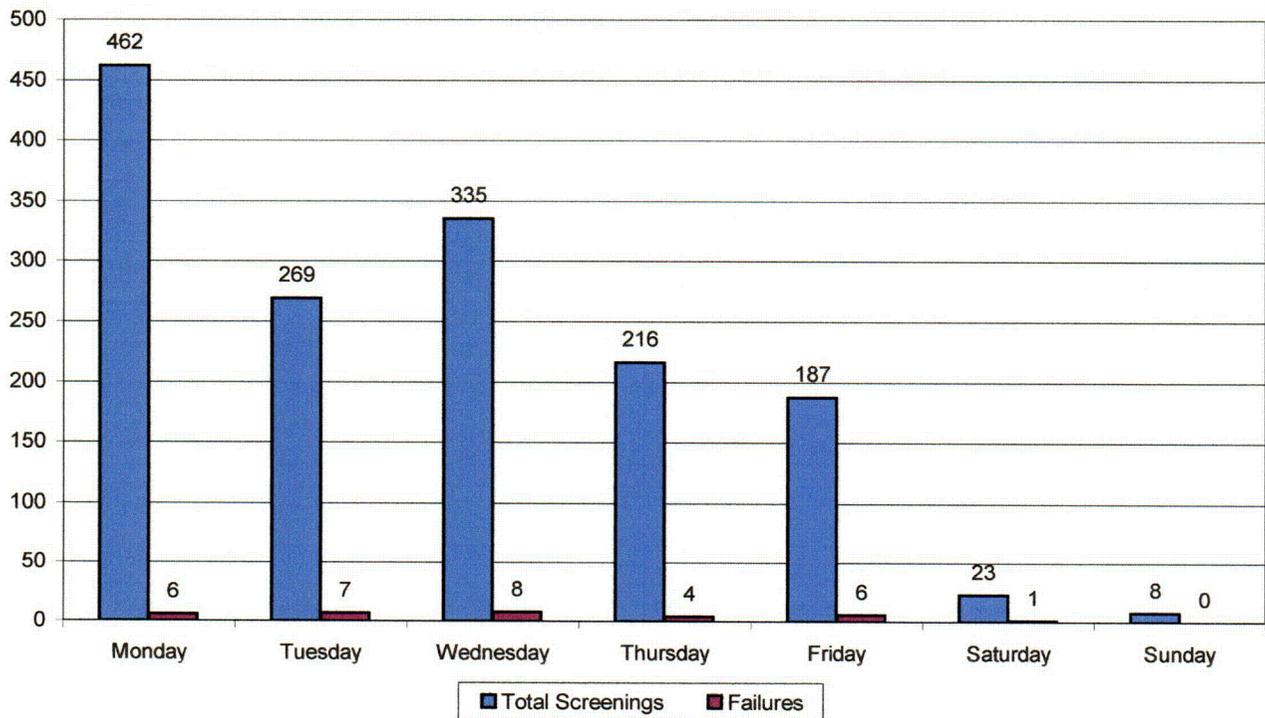


cog

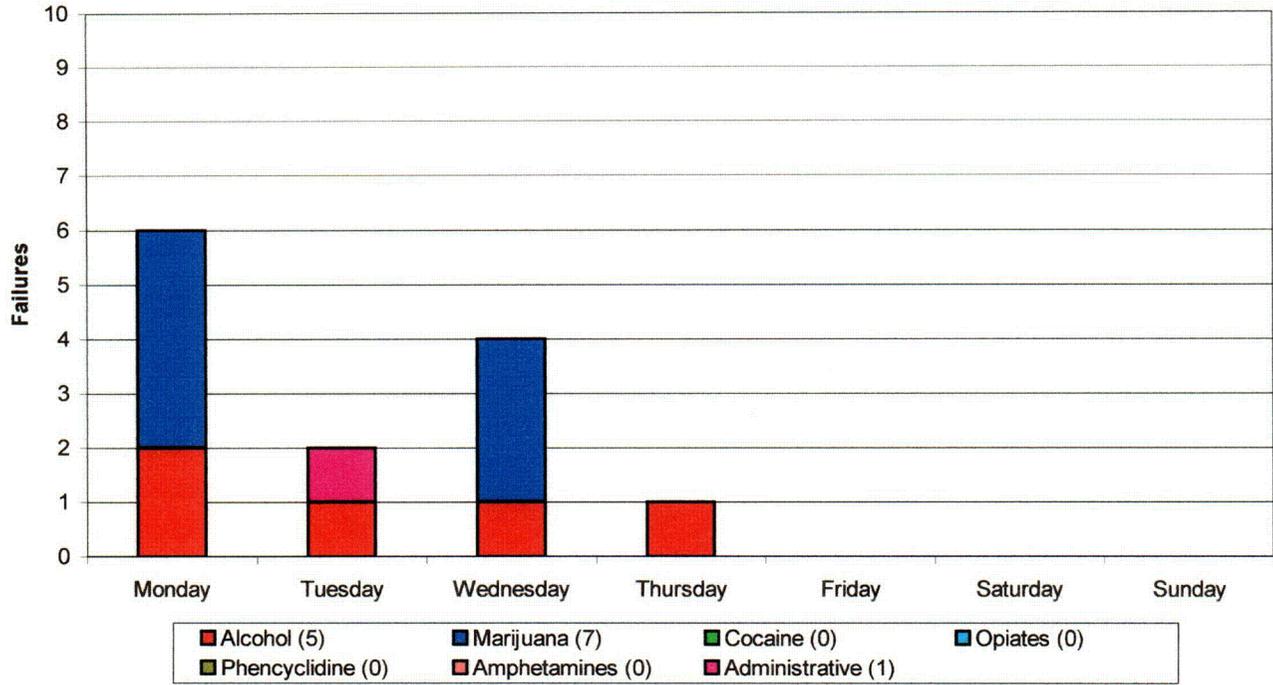
Total Screenings vs. Failures by Day of Week 2001



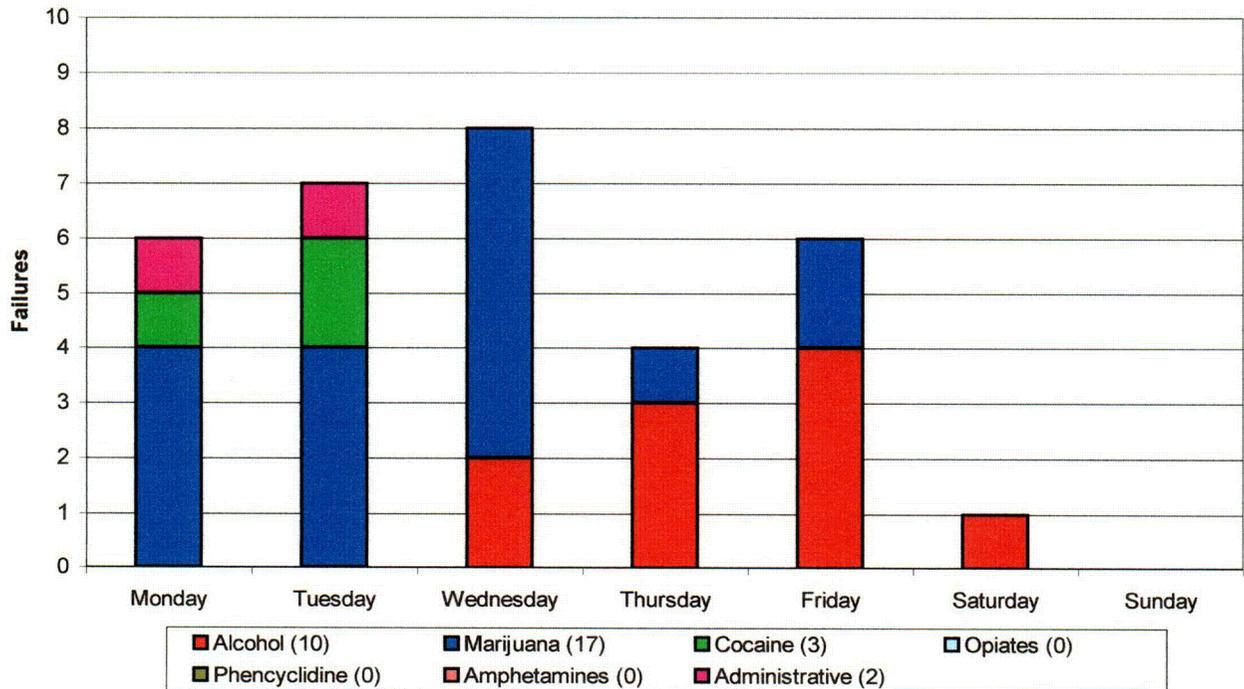
2002



Reason for Failure by Day of Week 2001

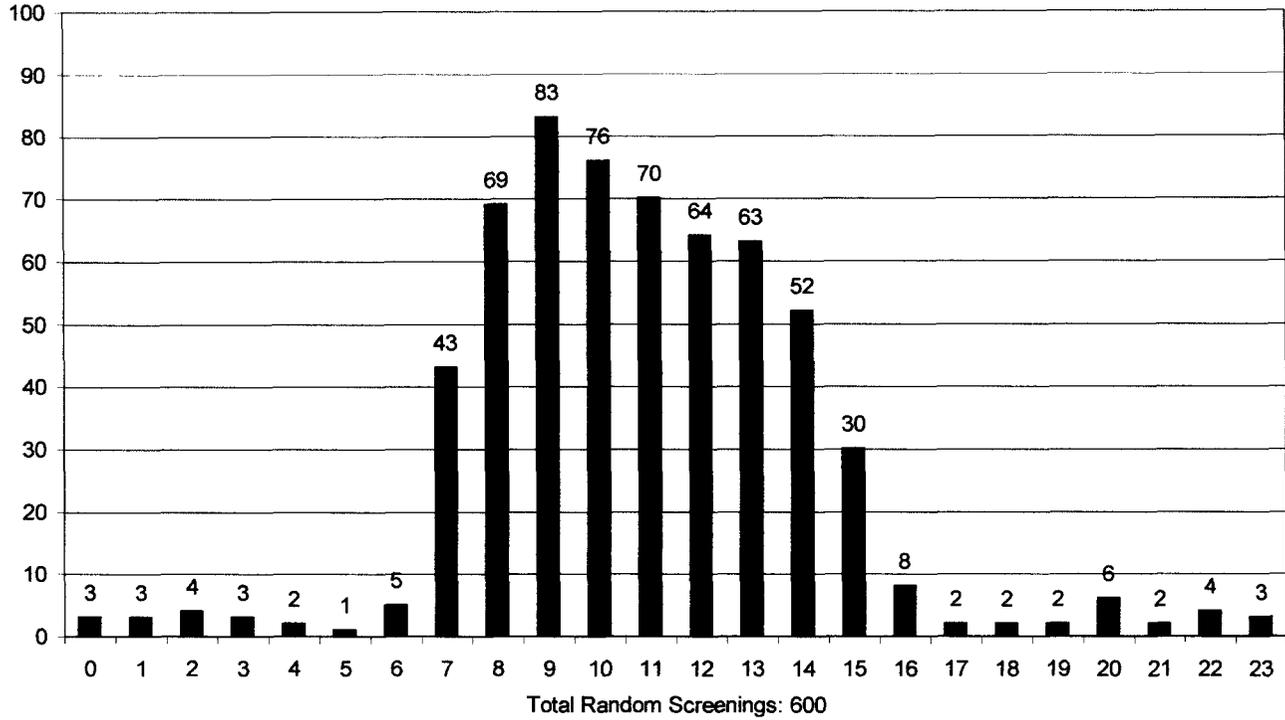


2002

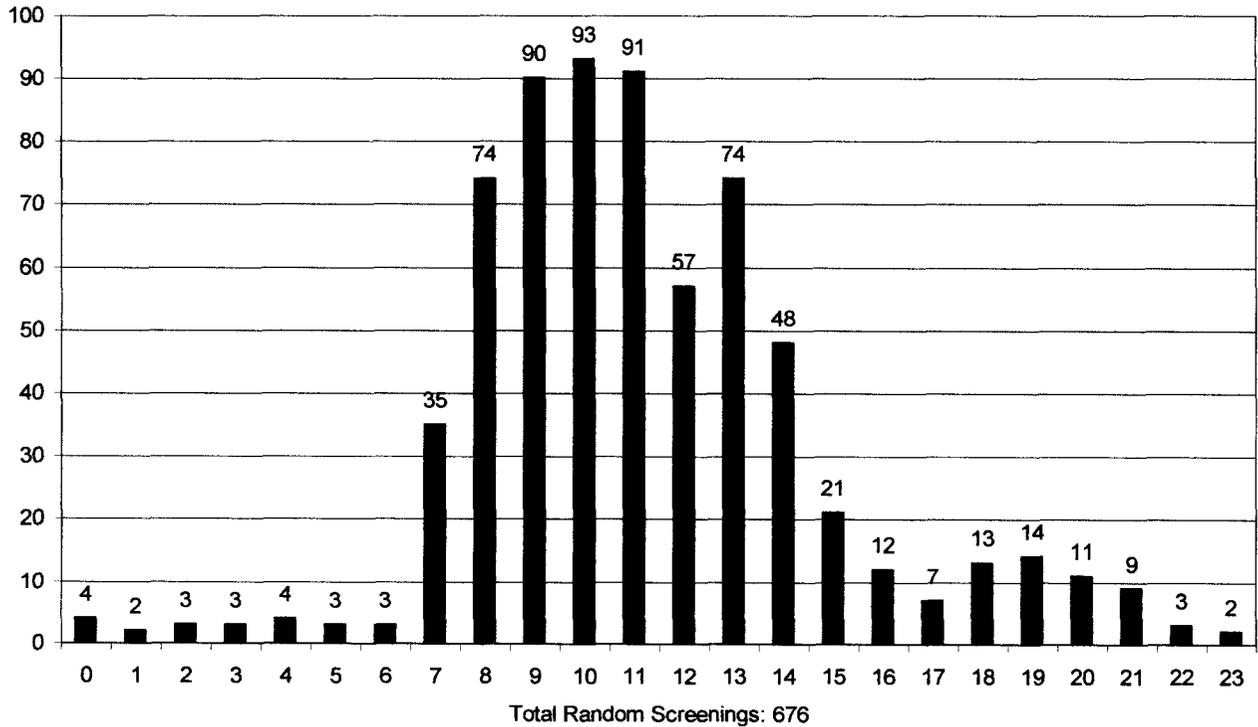


COB

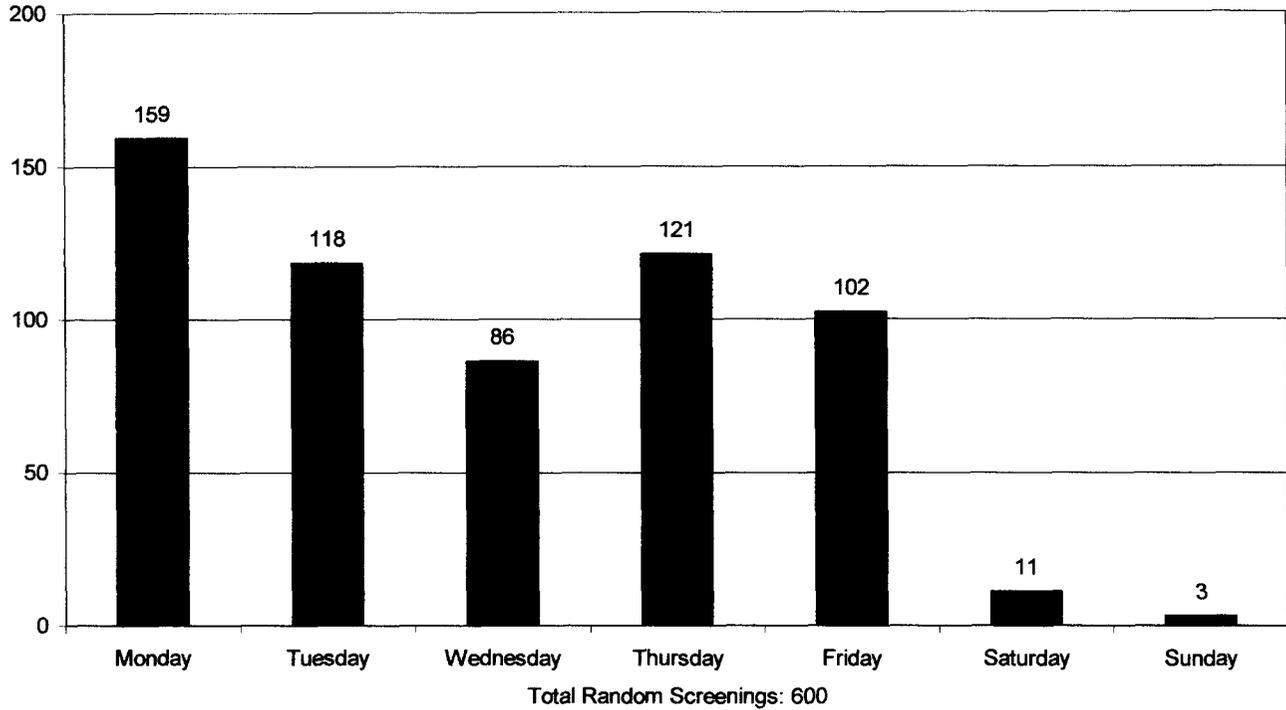
Random Screenings by Hour of Day 2001



2002



Random Screenings by Day of Week 2001



2002

