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Drug and Alcohol Testing Results 2009 Annual Report

December 2013



The FTA Drug and Alcohol Management Information System

Office of Safety and Security

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13. ABSTRACT (Maximum 200 words) This is the 15th annual report of the results of the Federal Transit Administration's (FTA) Drug and Alcohol Testing Program. This report summarizes the reporting requirements for calendar year 2009, the requirements of the overall drug and alcohol testing program (49 CFR Part 40 and 49 CFR Part 655), the results from the data reported for 2009, and the random drug and alcohol violation rates (the percentage of persons selected for a random test who produced a positive specimen or refused to take the test) for calendar years 2003 through 2009. This report provides a brief overview of the drug and alcohol testing requirements for both safety-sensitive employers and employees. The official random rates for 2009 are provided, as well as the official random rate trends over the last seven years. The results of alcohol and drug tests are provided by test type, employee category, and region. The positive testing rates for drugs and alcohol are also provided for each test type, employee category, and region.					
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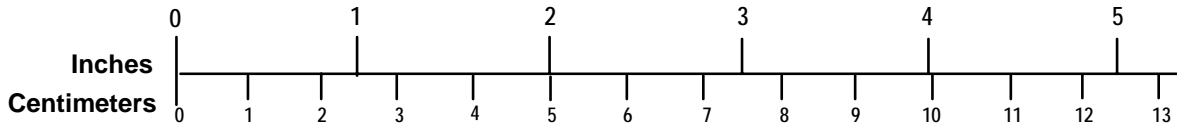
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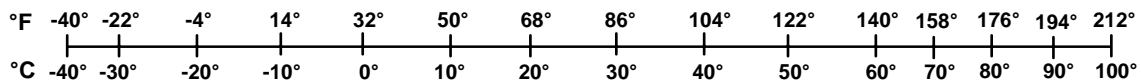
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<p>AREA (APPROXIMATE)</p> <p>1 square inch (sq in, in²) = 6.5 square centimeters (cm²)</p> <p>1 square foot (sq ft, ft²) = 0.09 square meter (m²)</p> <p>1 square yard (sq yd, yd²) = 0.8 square meter (m²)</p> <p>1 square mile (sq mi, mi²) = 2.6 square kilometers (km²)</p> <p>1 acre = 0.4 hectare (he) = 4,000 square meters (m²)</p>	<p>AREA (APPROXIMATE)</p> <p>1 square centimeter (cm²) = 0.16 square inch (sq in, in²)</p> <p>1 square meter (m²) = 1.2 square yards (sq yd, yd²)</p> <p>1 square kilometer (km²) = 0.4 square mile (sq mi, mi²)</p> <p>10,000 square meters (m²) = 1 hectare (ha) = 2.5 acres</p>
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<p>TEMPERATURE (EXACT)</p> <p>$[(x-32)(5/9)]\text{ }^\circ\text{F} = y\text{ }^\circ\text{C}$</p>	<p>TEMPERATURE (EXACT)</p> <p>$[(9/5)y + 32]\text{ }^\circ\text{C} = x\text{ }^\circ\text{F}$</p>

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Drug and Alcohol Testing Results 2009



1. Testing Requirements

1.1 Required Testing Program

Safety-sensitive employees must undergo testing for five illegal substances with the use of six different test types. Employees who perform safety-sensitive functions must also be tested for alcohol use in each of those test types. Employers are required to conduct four types of tests on those employees who perform safety-sensitive functions, and are permitted to conduct two other types of tests for drugs and alcohol (return-to-duty and follow-up).

Table 1 lists the safety-sensitive employee categories, test types, and drug types that fall under the auspices of the FTA Drug and Alcohol Testing Program. For more detailed descriptions of each of these categories, refer to Appendix C. You may also refer to FTA and DOT drug and alcohol regulations on the FTA Office of Safety and Security website at <http://transit-safety.fta.dot.gov/DrugAndAlcohol/Regulations/default.asp>. Additional guidance can also be found at the Office of Drug and Alcohol Policy and Compliance (ODAPC) website at <http://www.dot.gov/ost/dapc/index.html>.

Table 1. Safety-Sensitive Employee Categories, Test Types, and Drugs

Safety-Sensitive Employee Categories
• Revenue Vehicle Operation
• Revenue Vehicle and Equipment Maintenance
• Revenue Vehicle Control/Dispatch
• CDL/Non-Revenue Vehicle
• Armed Security Personnel
• Ferry Boat Operator
Test Types
• Pre-Employment
• Random
• Post-Accident
• Reasonable Suspicion
• Return-to-Duty
• Follow-up
Drug Types
• Marijuana
• Cocaine
• Phencyclidine (PCP)
• Opiates
• Amphetamines

1.2 Regions Required to Test

The FTA comprises 10 regions, which are identified in Figure 1. The data provided by these regions have facilitated the comparison of drug and alcohol test results and the identification of regional trends. Table 2 lists the states and territories in each FTA region.

Figure 1. Ten FTA Regions Required to Test for Drugs and Alcohol

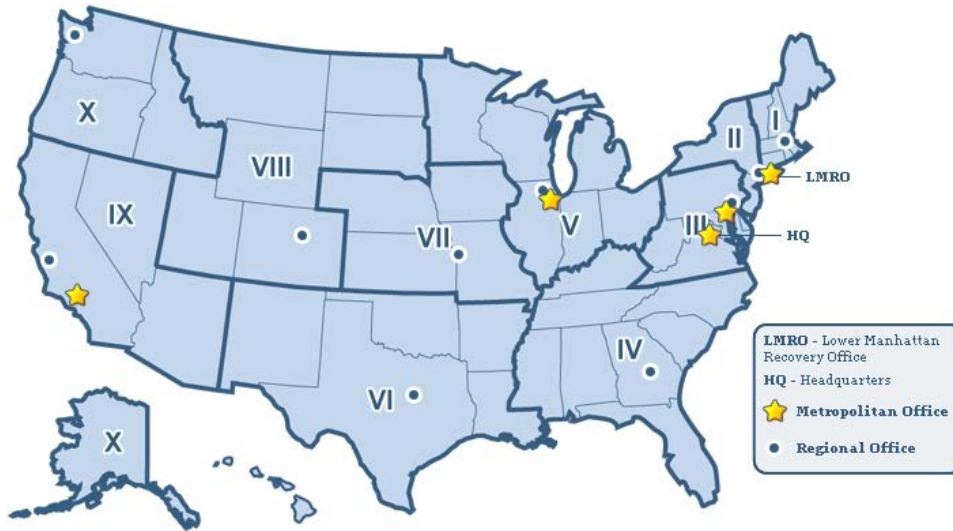


Table 2. States and Territories by Region

Region	States
1	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont
2	New Jersey, New York
3	Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia
4	Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, Puerto Rico, US Virgin Islands
5	Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin
6	Arkansas, Louisiana, New Mexico, Oklahoma, Texas
7	Iowa, Kansas, Missouri, Nebraska
8	Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming
9	Arizona, California, Hawaii, Nevada, American Samoa, Guam, Northern Mariana Islands
10	Alaska, Idaho, Oregon, Washington

1.3 Covered Employees and Employers

A covered employee is any person, including an applicant, transferee, or volunteer, who performs or will perform a safety-sensitive function for any entity subject to Title 49 Code of Federal Regulations (CFR) Part 655. A covered employer is a recipient or other entity that provides a mass transportation service or performs a safety-sensitive function for such recipient or other entity. This includes Section 5311 State Nonurban subrecipients, Section 5307 Urbanized Area Formula grantees, Section 5309 Major Capital Investment recipients, and contractors. Table 3 provides a list of the number of covered employees and employers in each FTA region for 2009. Table 4 shows the number of covered employees by employee category for 2009.

Table 3. Number of Covered Employees and Employers by Region

Region	Number of Covered Employees	Number of Covered Employers
1	13,441	197
2	53,225	202
3	32,378	188
4	33,452	585
5	41,830	708
6	20,263	226
7	9,542	323
8	12,331	198
9	47,911	407
10	16,379	228
Total	280,752	3,262

Table 4. Covered Employees by Category

Employee Category	Number of Covered Employees
Revenue Vehicle Operation	197,629
Revenue Vehicle and Equipment Maintenance	49,574
Revenue Vehicle Control/Dispatch	21,023
CDL/Non-Revenue Vehicle	4,053
Armed Security Personnel	6,484
Ferry Boat Operation	1,989

2. Random Drug and Alcohol Rates

2.1 Calculating Positive Rates and Violation Rates

The positive rate for drugs is calculated by taking the total number of verified positive tests, adding the number of adulterated samples plus the total number of substituted specimens, shy bladder instances (those without medical explanation), and other refusals, and dividing by the total number of drug test results.

The violation rate for alcohol is calculated by taking the total number of confirmatory test results greater than or equal to a breath alcohol level of 0.04, adding the total number of shy lung instances (without medical explanation) plus the total number of other refusals, and dividing by the total number of screens conducted.

2.2 Random Positive Rates and Violation Rates

The following figures illustrate the random positive rates for drug testing, and violation rates for alcohol testing. Figure 2 shows the positive rates for random drug testing for each region for 2009, while Figure 3 shows the violation rates for random alcohol testing for each region for 2009. Figure 4 shows the positive rate for random drug testing for the years 2003 – 2009. Figure 5 shows the violation rate for random alcohol testing for the years 2003 – 2009.

Figure 2. Random Positive Drug Rate (2009)

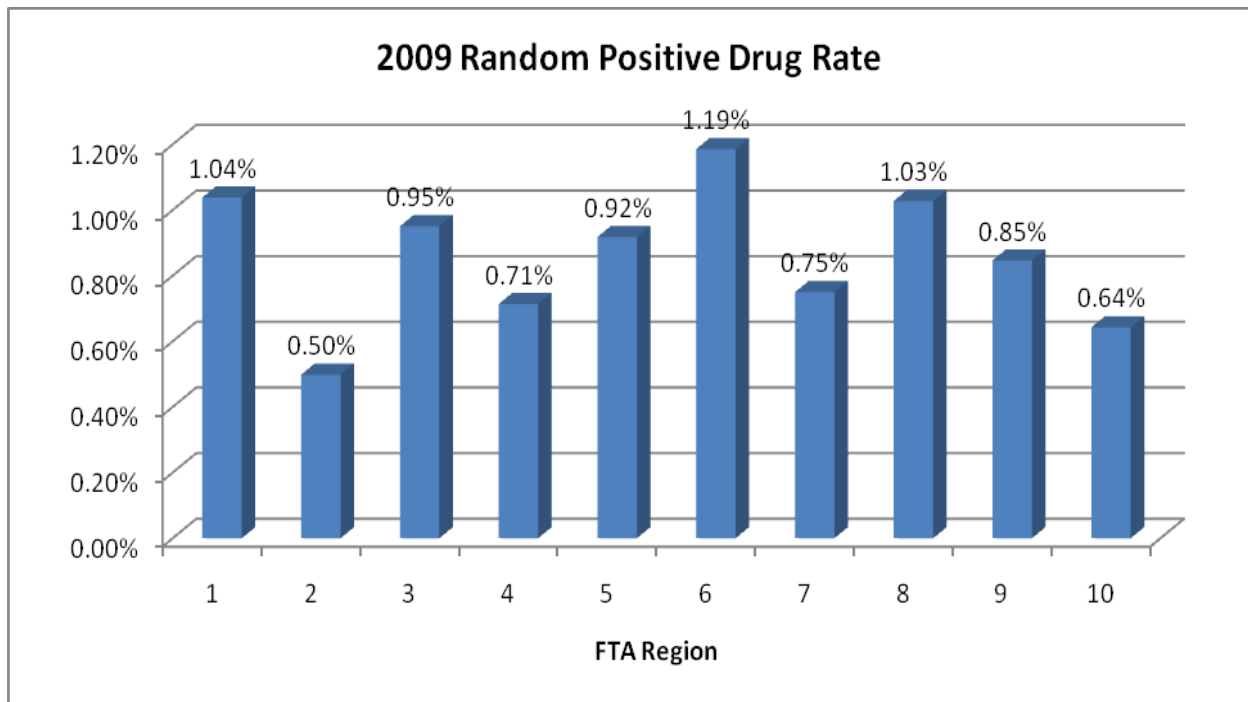


Figure 3. Violation Rate- Random Alcohol Testing (2009)

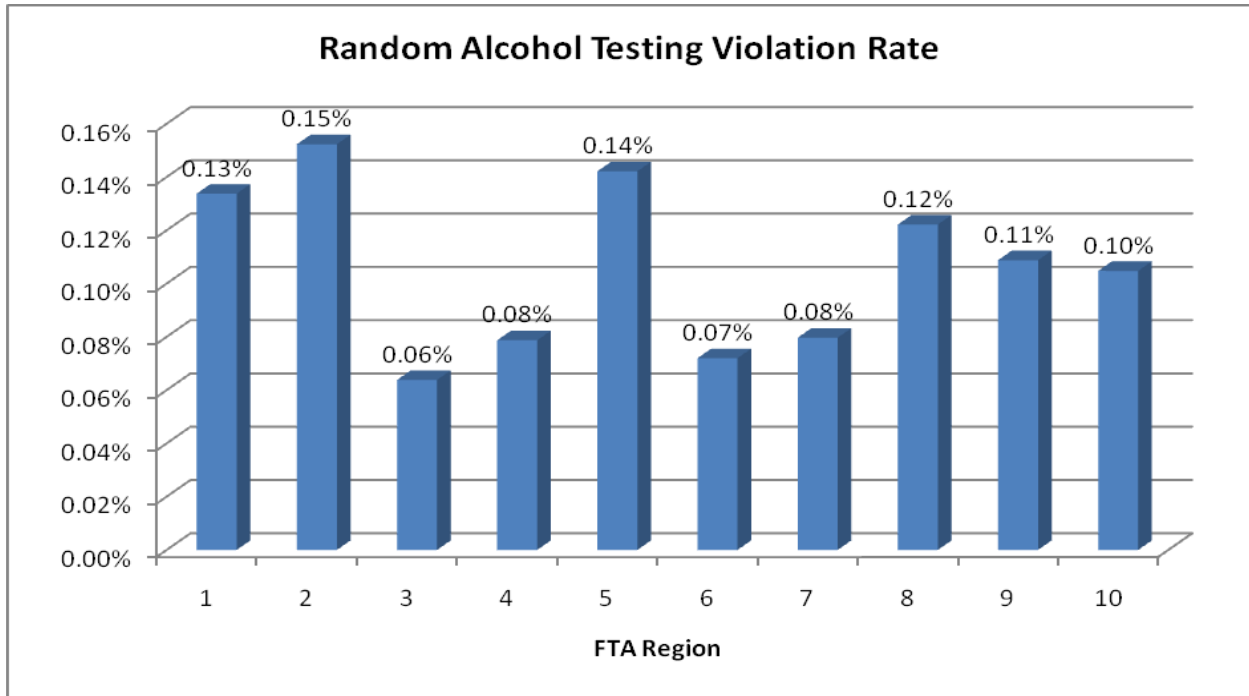


Figure 4. Violation Rate for Random Alcohol Tests (2003 – 2009)

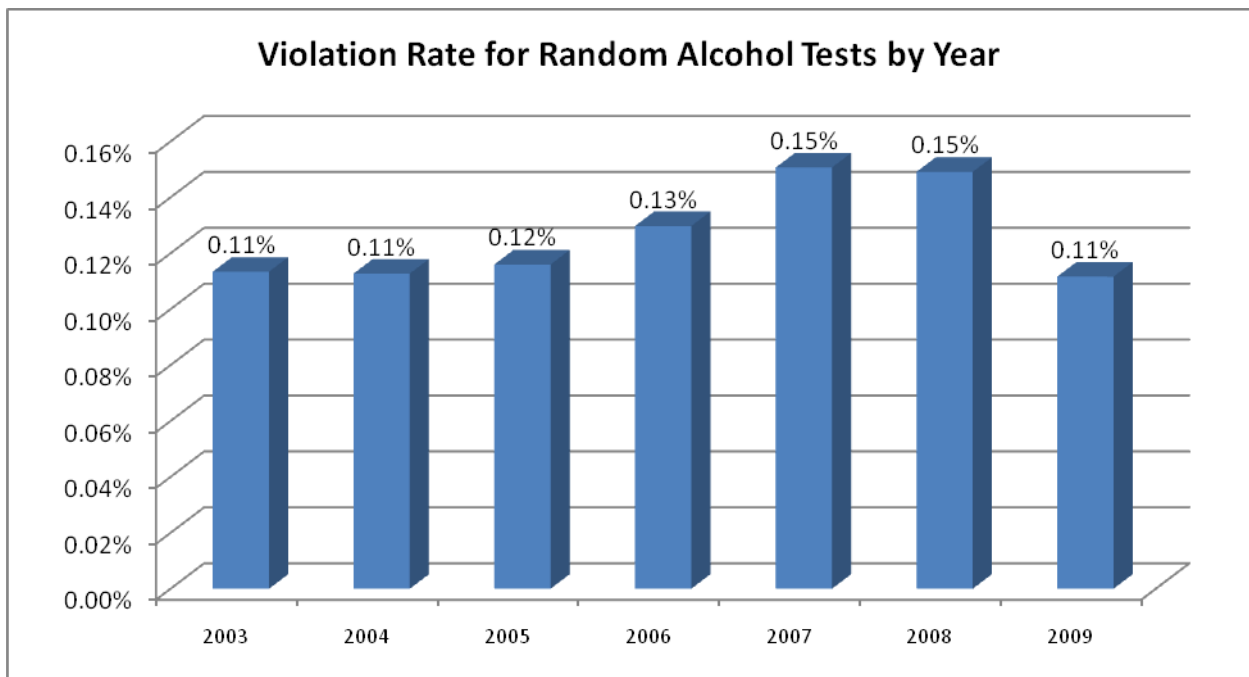
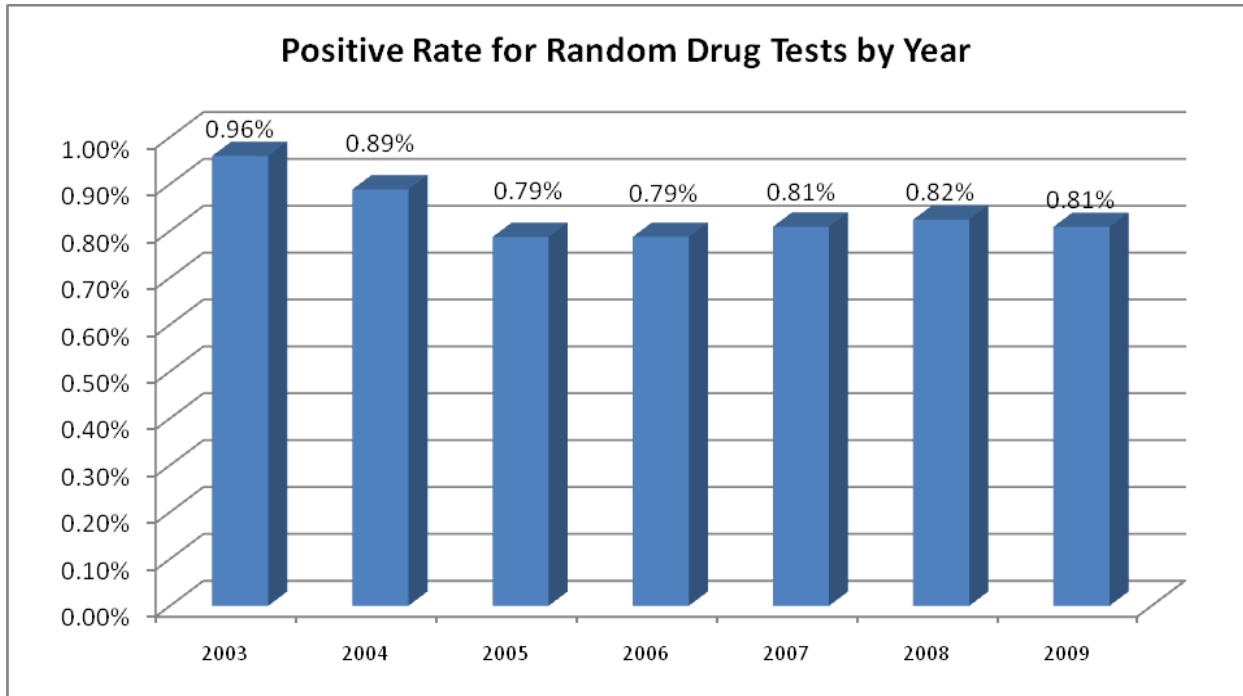


Figure 5. Positive Rate for Random Drug Tests (2003 – 2009)



Figures 6, 7, 8, and 9 illustrate the positive rate for random drug testing and the violation rate for random alcohol tests for transit systems and contractors. A transit system is the public entity that receives the federal grant (direct grant recipient). A contractor is a person or organization that provides a service for a recipient, subrecipient, employer, or operator consistent with a specific understanding or arrangement. Figure 6 shows the 2009 positive drug test rate for all contractors and transit systems, while Figure 7 breaks up the results by FTA region.

Figure 6. Random Drug Test Positive Rate for Contractors and Transit Systems (2009)

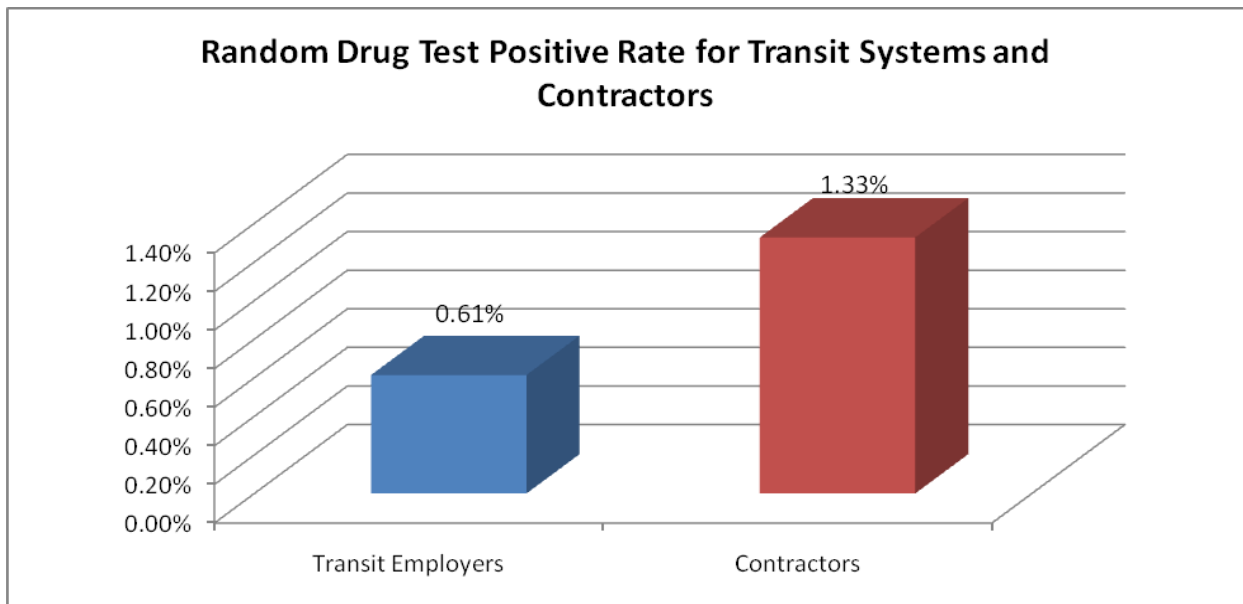


Figure 7. Random Drug Test Positive Rate for Contractors and Transit Systems by Region (2009)

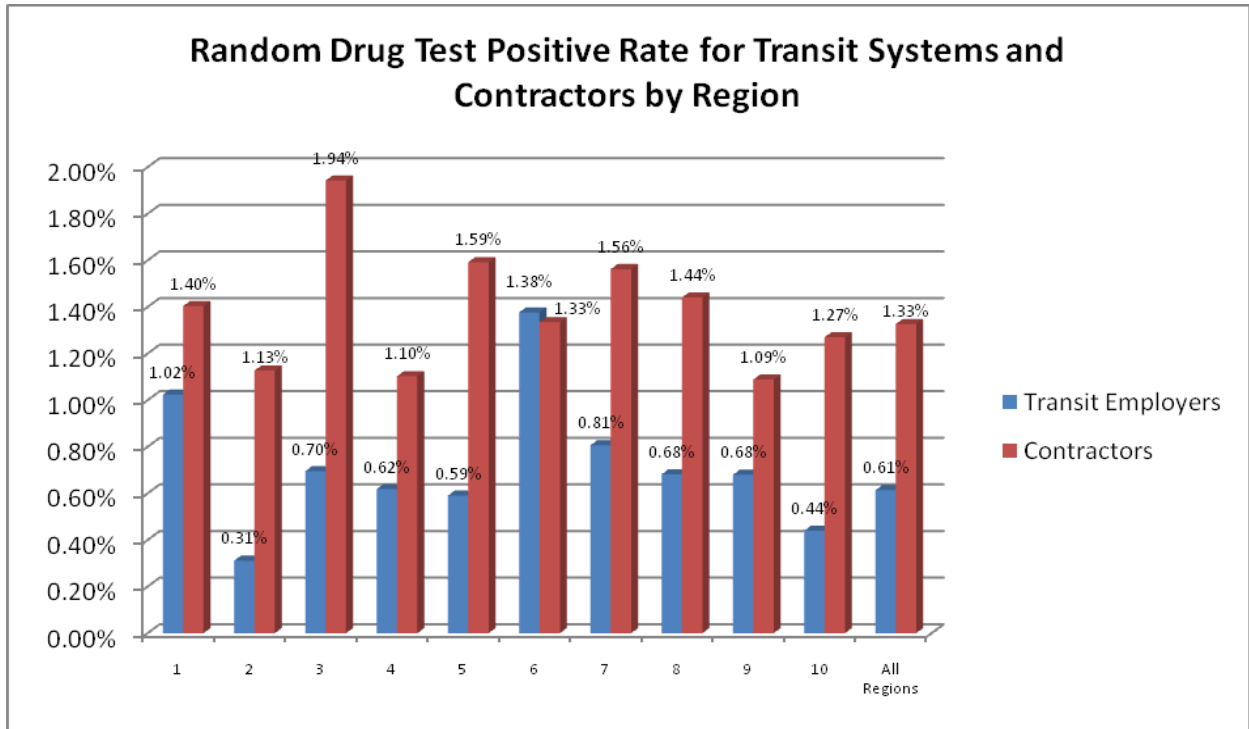


Figure 8. Violation Rate – Random Alcohol Testing for Contractors and Transit Systems (2009)

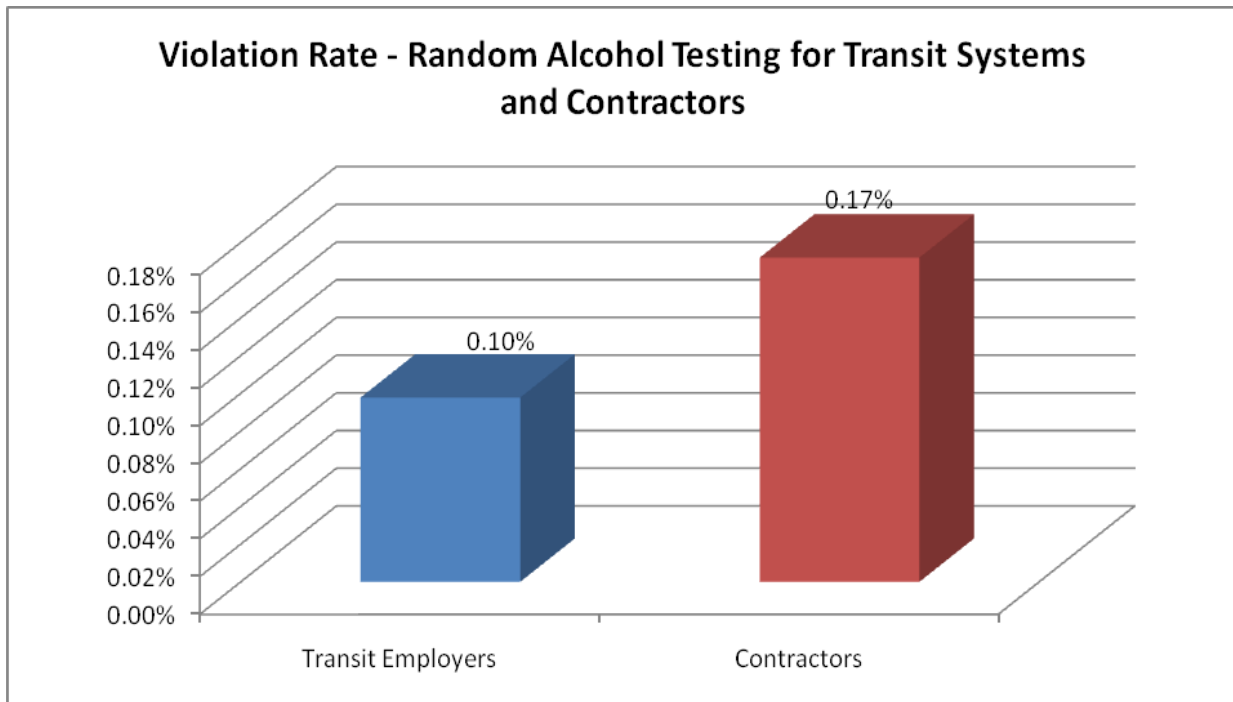
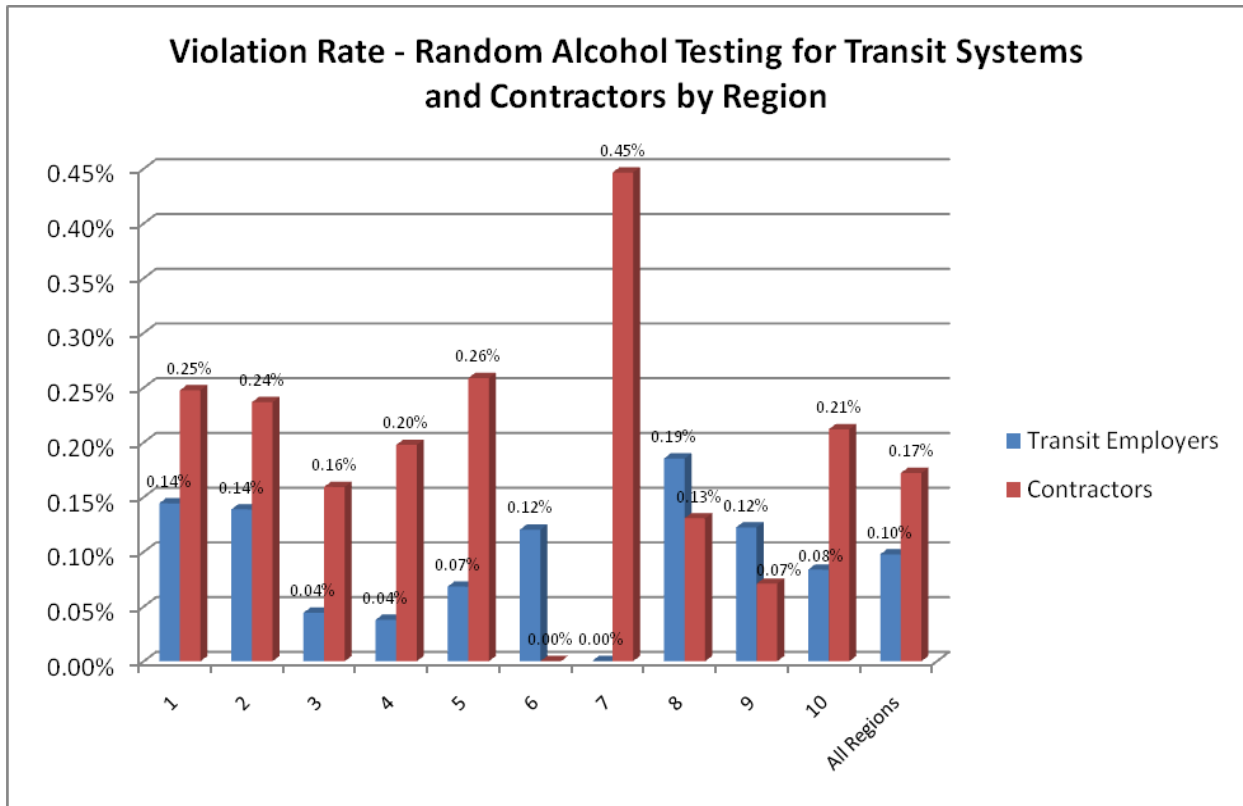


Figure 9. Violation Rate – Random Alcohol Testing for Contractors and Transit Systems by Region (2009)



3. Drug Test Results

3.1 Drug Test Results by Test Type

This section provides drug test results by test type conducted and for each employee category

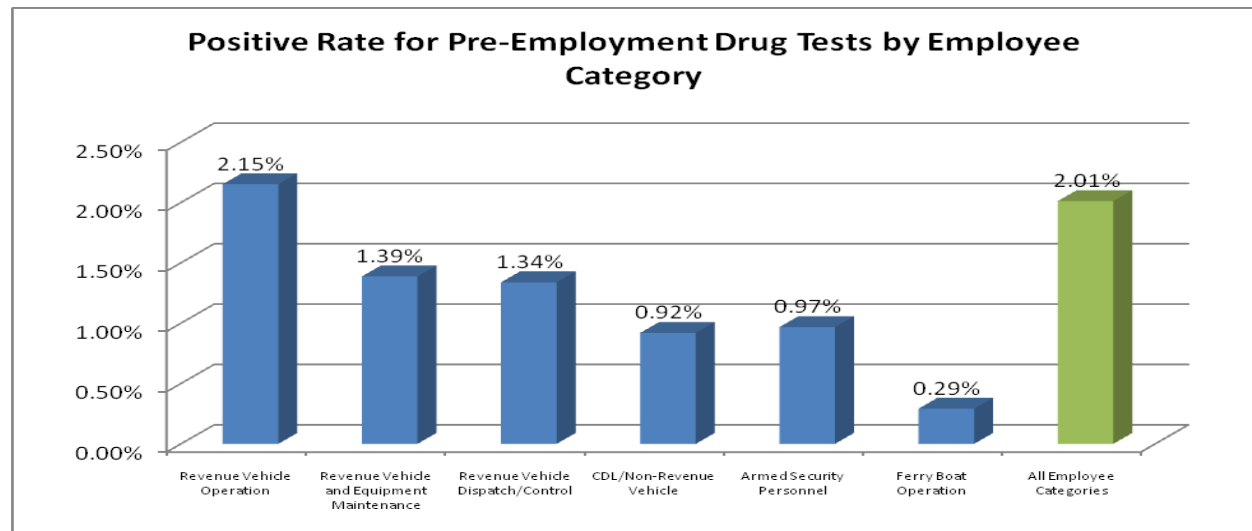
3.1.1 Pre-Employment Drug Test Results

Table 5 provides the results of pre-employment drug tests for all employment categories. Figure 10 illustrates the positive rate for pre-employment drug tests by employee category.

Table 5. Pre-Employment Drug Test Results

Employee Category	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Sly Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	61,426	60,104	1,213	905	231	35	18	39	12	9	9	79	112
Revenue Vehicle and Equipment Maintenance	6,919	6,823	89	74	11	1	0	4	0	2	2	3	8
Revenue Vehicle Dispatch/Control	2,539	2,505	30	23	5	0	1	2	0	0	2	2	5
CDL/Non-Revenue Vehicle	435	431	4	2	1	0	1	0	0	0	0	0	2
Armed Security Personnel	1,447	1,433	13	11	1	0	0	1	0	0	0	1	1
Ferry Boat Operation	343	342	1	1	0	0	0	0	0	0	0	0	1
Total	73,109	71,638	1,350	1,016	249	36	20	46	12	11	13	85	129

Figure 10. Positive Rate for Pre-Employment Drug Test by Employee Category



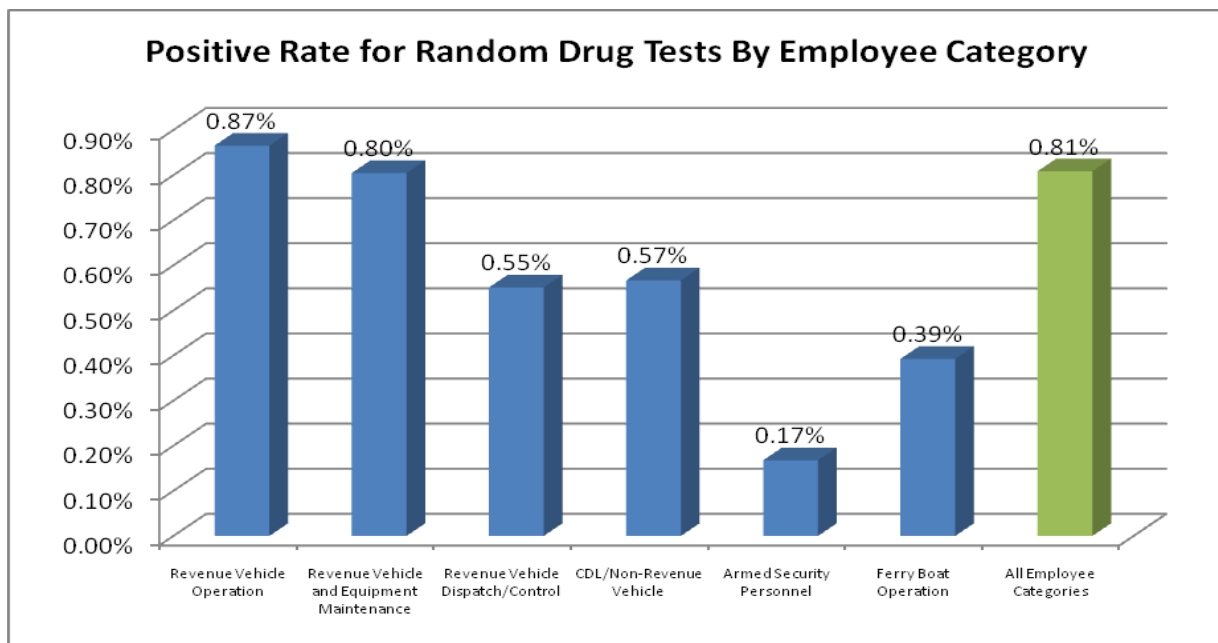
3.1.2 Random Drug Test Results

Table 6 gives the random drug test results by employee category. Figure 11 shows the positive rate for random drug tests for each employee category.

Table 6. Random Drug Test Results by Employee Category

Employee Category	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	70,362	69,753	538	318	176	3	17	37	4	4	17	46	132
Revenue Vehicle and Equipment Maintenance	18,017	17,872	133	88	36	0	1	11	0	2	3	7	18
Revenue Vehicle Dispatch/Control	7,259	7,219	38	30	8	0	0	1	0	0	2	0	7
CDL/Non-Revenue Vehicle	1,589	1,580	7	4	2	0	0	1	0	0	0	2	1
Armed Security Personnel	1,787	1,784	3	0	3	0	0	0	0	0	0	0	0
Ferry Boat Operation	1,274	1,269	5	4	1	0	0	0	0	0	0	0	6
Total	100,288	99,477	724	444	226	3	18	50	4	6	22	55	164

Figure 11. Positive Rate for Random Drug Tests by Employee Category



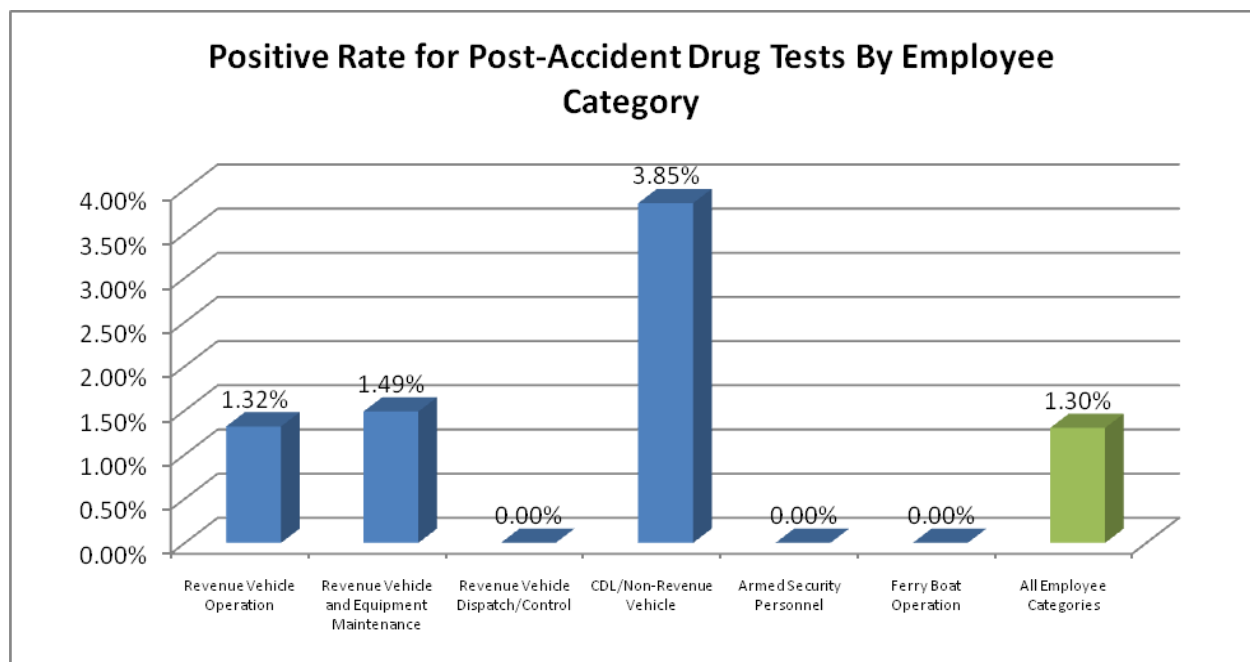
3.1.3 Post-Accident Drug Test Results

Table 7 gives the results for post-accident drug tests for all employee categories. Figure 12 illustrates the positive rate for these post-accident drug tests by employee category.

Table 7. Post-Accident Drug Test Results by Employee Category

Employee Category	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	12,823	12,654	148	80	67	0	5	4	0	1	3	17	38
Revenue Vehicle and Equipment Maintenance	538	530	8	4	4	0	0	0	0	0	0	0	1
Revenue Vehicle Dispatch/Control	95	95	0	0	0	0	0	0	0	0	0	0	1
CDL/Non-Revenue Vehicle	52	50	2	1	1	0	0	0	0	0	0	0	0
Armed Security Personnel	81	81	0	0	0	0	0	0	0	0	0	0	0
Ferry Boat Operation	161	161	0	0	0	0	0	0	0	0	0	0	0
Total	13,750	13,571	158	85	72	0	5	4	0	1	3	17	40

Figure 12. Positive Rate for Post-Accident Drug Tests by Employee Category



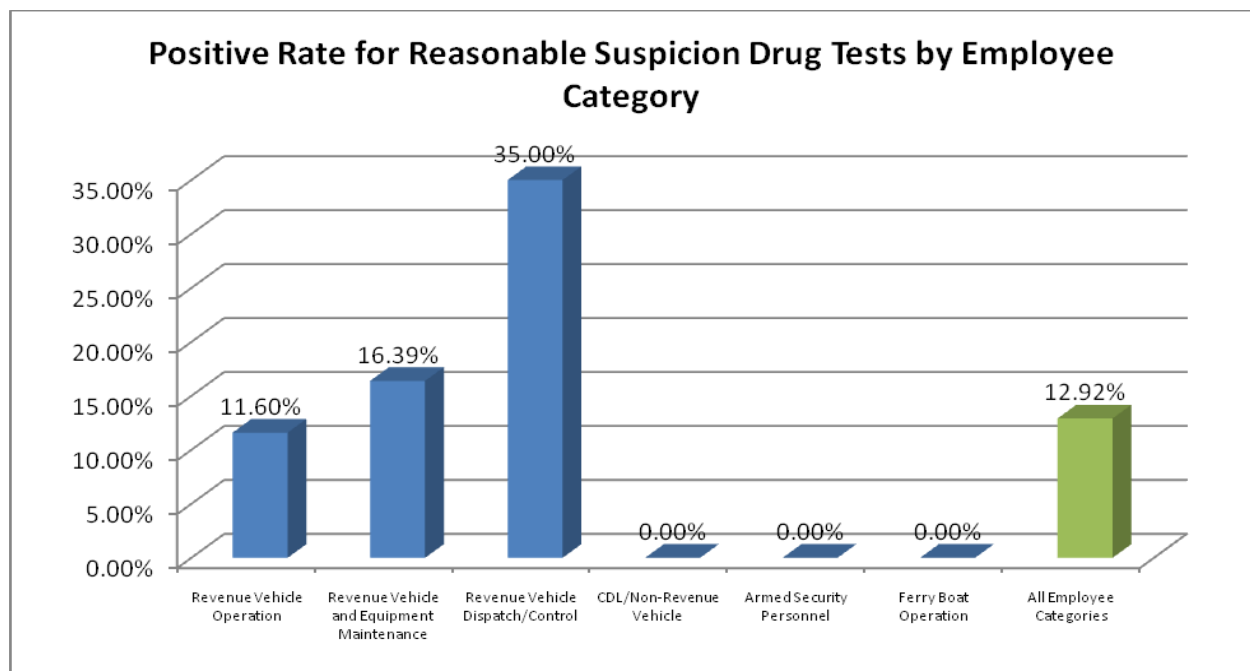
3.1.4 Reasonable Suspicion Drug Test Results

The results for reasonable suspicion drug tests for all employee categories are provided in Table 8. The positive rates for reasonable suspicion drug tests are illustrated in Figure 13 by employee category.

Table 8. Reasonable Suspicion Drug Test Results by Employee Category

Employee Category	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	388	343	31	18	12	1	3	3	0	1	0	13	1
Revenue Vehicle and Equipment Maintenance	61	51	8	1	6	0	1	1	0	0	0	2	1
Revenue Vehicle Dispatch/Control	20	13	5	2	0	0	1	2	0	0	0	2	1
CDL/Non-Revenue Vehicle	7	7	0	0	0	0	0	0	0	0	0	0	0
Armed Security Personnel	3	3	0	0	0	0	0	0	0	0	0	0	0
Ferry Boat Operation	1	1	0	0	0	0	0	0	0	0	0	0	0
Total	480	418	44	21	18	1	5	6	0	1	0	17	3

Figure 13. Positive Rate for Reasonable Suspicion Drug Tests by Employee Category



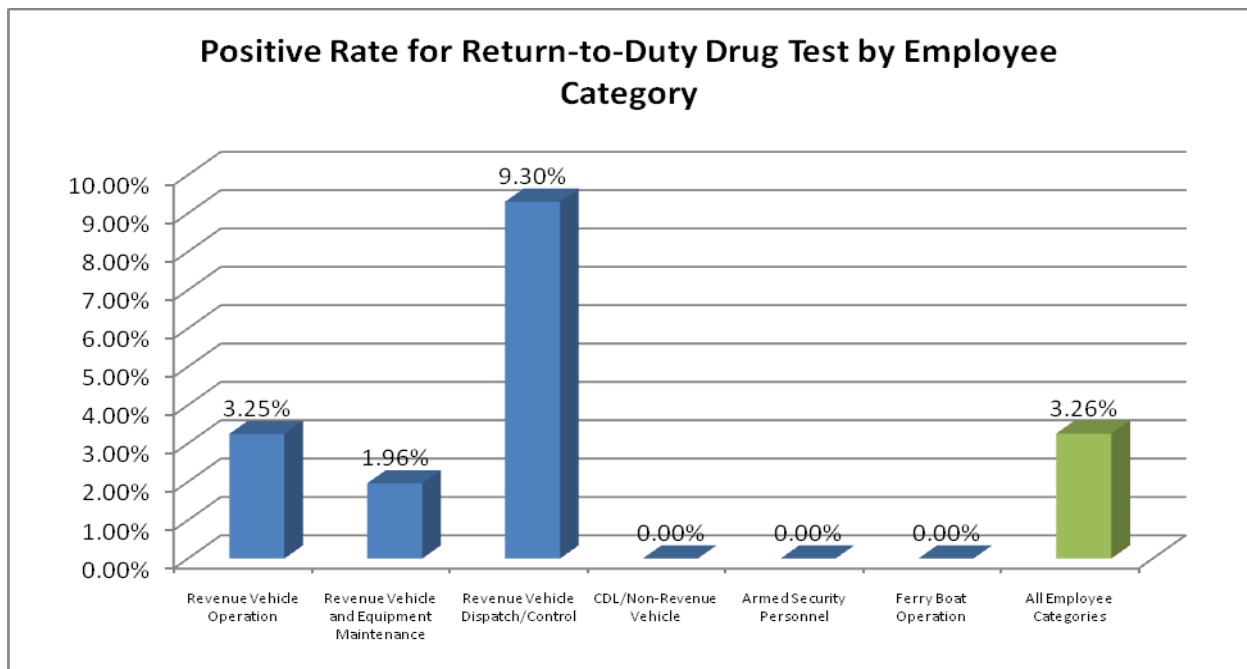
3.1.5 Return-to Duty Drug Test Results

Table 9 gives the results for return-to-duty drug tests for all employee categories. Figure 14 illustrates the positive rate for return-to-duty drug tests by employee category.

Table 9. Return-to-Duty Drug Test Results by Employee Category

Employee Category	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	554	536	15	13	2	0	0	0	1	0	0	2	4
Revenue Vehicle and Equipment Maintenance	153	150	3	2	1	0	0	0	0	0	0	0	0
Revenue Vehicle Dispatch/Control	43	39	3	3	0	0	0	0	0	0	0	1	0
CDL/Non-Revenue Vehicle	13	13	0	0	0	0	0	0	0	0	0	0	0
Armed Security Personnel	1	1	0	0	0	0	0	0	0	0	0	0	0
Ferry Boat Operation	3	3	0	0	0	0	0	0	0	0	0	0	0
Total	767	742	21	18	3	0	0	0	1	0	0	3	4

Figure 14. Positive Rate for Return-to-Duty Drug Tests by Employee Category



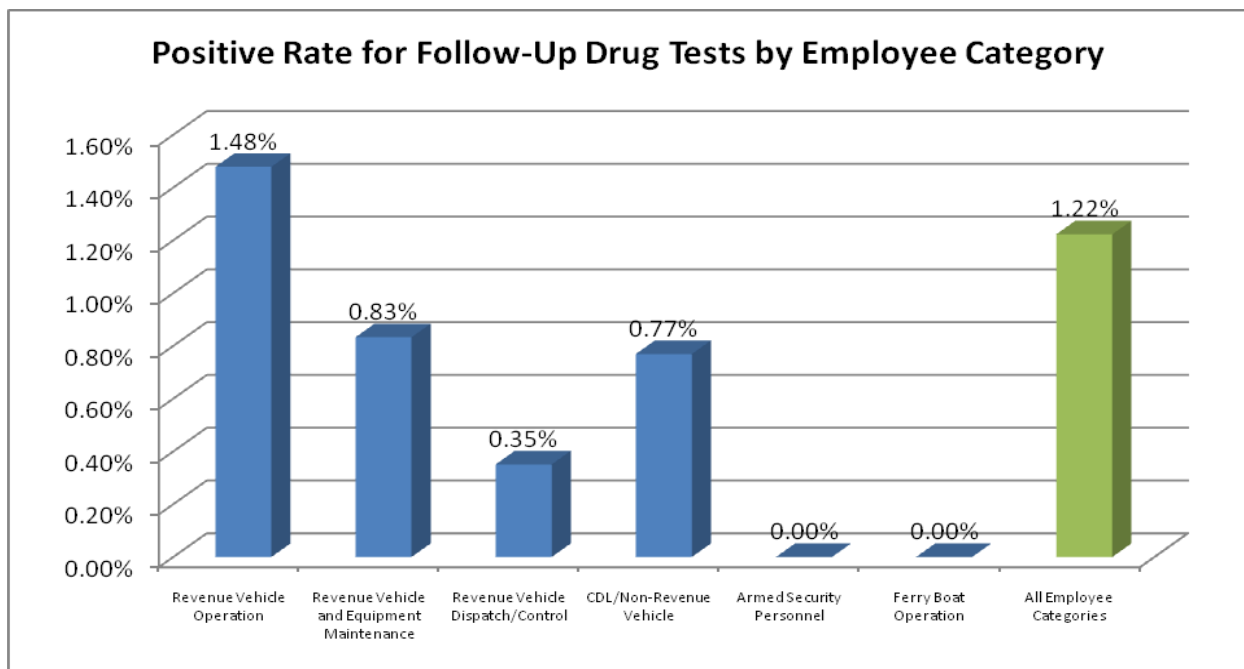
3.1.6 Follow-Up Drug Test Results

Table 10 gives the results for follow-up drug tests by employee category. Figure 15 shows the positive rate for follow-up drug tests for each employee category.

Table 10. Follow-Up Drug Test Results by Employee Category

Employee Category	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	3,855	3,798	48	30	15	1	1	1	0	0	4	5	10
Revenue Vehicle and Equipment Maintenance	1,681	1,667	14	6	8	0	0	0	0	0	0	0	2
Revenue Vehicle Dispatch/Control	285	284	1	1	0	0	0	0	0	0	0	0	0
CDL/Non-Revenue Vehicle	130	129	1	0	1	0	0	0	0	0	0	0	0
Armed Security Personnel	14	14	0	0	0	0	0	0	0	0	0	0	0
Ferry Boat Operation	4	4	0	0	0	0	0	0	0	0	0	0	0
Total	5,969	5,896	64	37	24	1	1	1	0	0	4	5	12

Figure 15. Positive Rate for Follow-Up Drug Tests by Employee Category



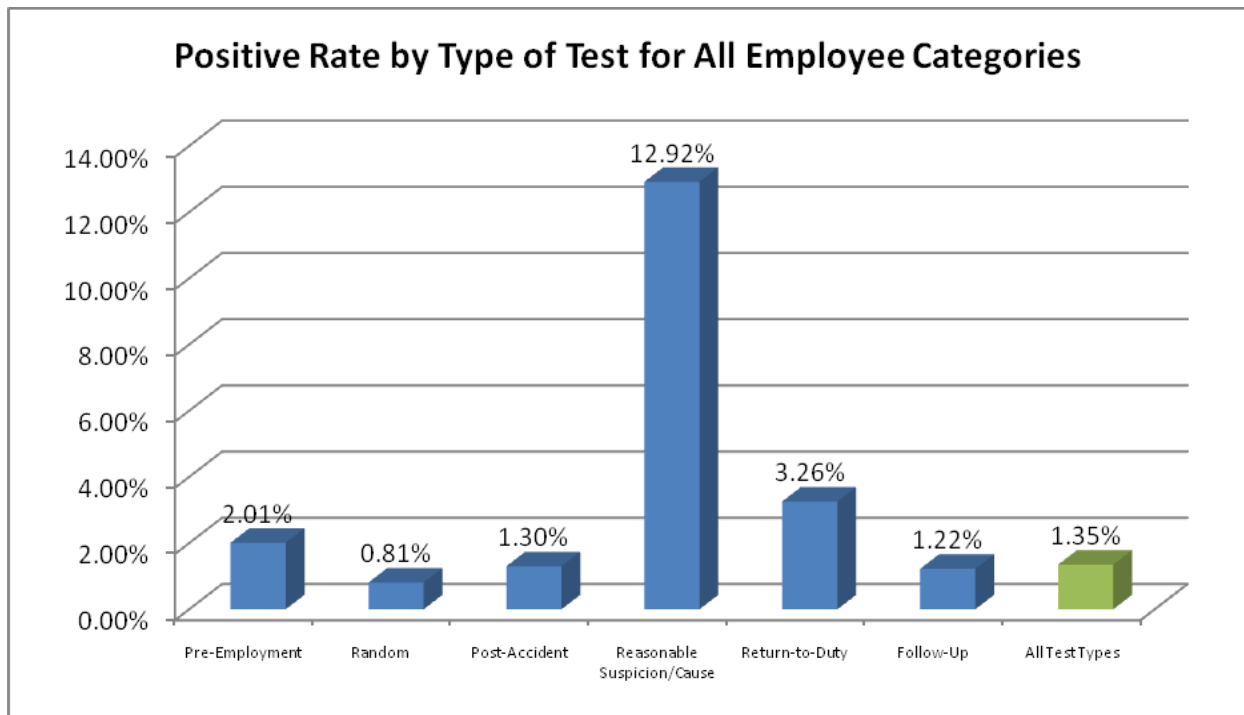
3.1.7 Drug Test Results by Test Type for All Employee Categories

Table 11 provides drug test results by test type for all employee categories. Figure 16 illustrates the positive rate for all employee categories by drug test type.

Table 11. Drug Test Results by Test Type for All Employee Categories

Type of Test	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	73,109	71,638	1,350	1,016	249	36	20	46	12	11	13	85	129
Random	100,288	99,477	724	444	226	3	18	50	4	6	22	55	164
Post-Accident	13,750	13,571	158	85	72	0	5	4	0	1	3	17	40
Reasonable Suspicion/Cause	480	418	44	21	18	1	5	6	0	1	0	17	3
Return-to-Duty	767	742	21	18	3	0	0	0	1	0	0	3	4
Follow-Up	5,969	5,896	64	37	24	1	1	1	0	0	4	5	12
Total	194,363	191,742	2,361	1,621	592	41	49	107	17	19	42	182	352

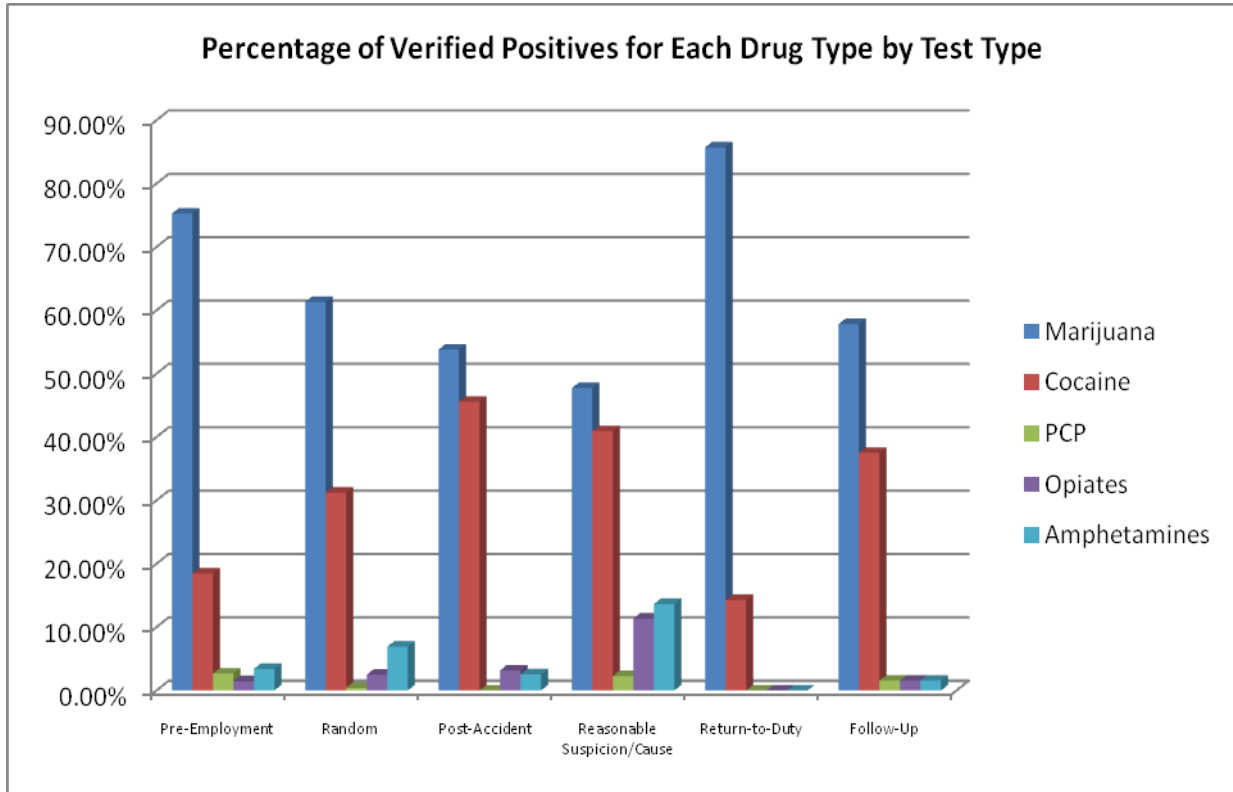
Figure 16. Positive Rate by Drug Test Type for All Employee Categories



3.1.8 Verified Positives for Drug Type by Type of Test

Figure 17 illustrates the percent of verified positives for each drug type by the type of test conducted.

Figure 17. Percentage of Verified Positives for Each Drug Type by Type of Test



3.2 Drug Test Results by Employee Category

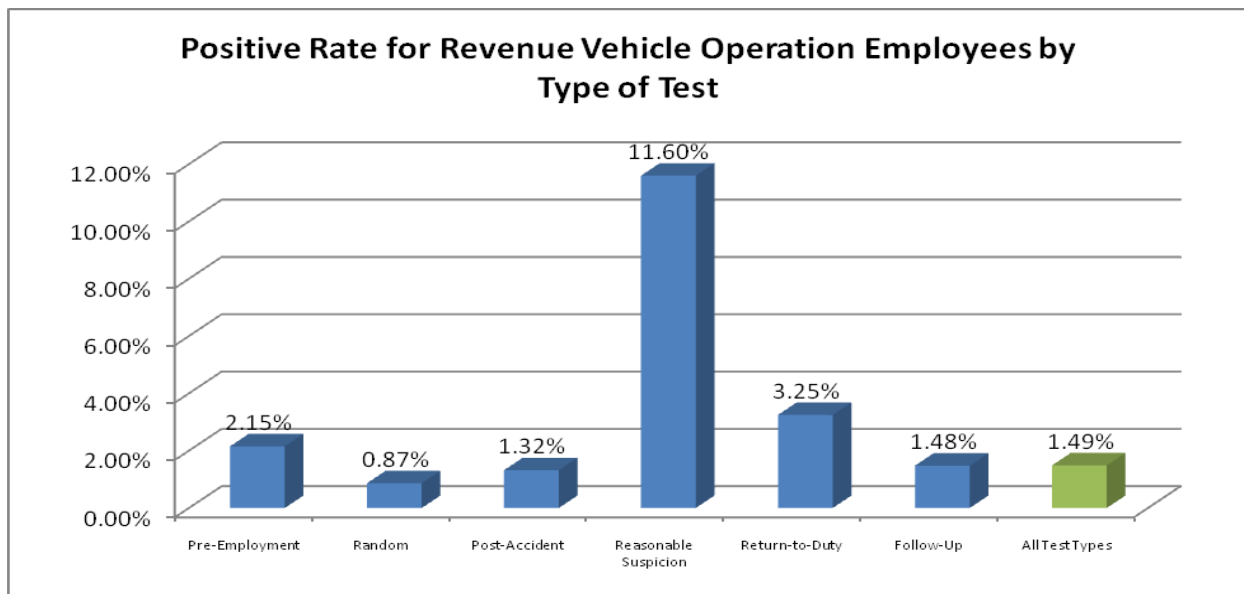
3.2.1 Revenue Vehicle Operation Drug Test Results

Table 12 gives the drug test results for revenue vehicle operation employees by drug test type. Figure 18 illustrates the positive test rate for revenue vehicle operation employees for each test type

Table 12. Drug Test Results for Revenue Vehicle Operation by Test Type

Employee Category	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	61,426	60,104	1,213	905	231	35	18	39	12	9	9	79	112
Random	70,362	69,753	538	318	176	3	17	37	4	4	17	46	132
Post-Accident	12,823	12,654	148	80	67	0	5	4	0	1	3	17	38
Reasonable Suspicion	388	343	31	18	12	1	3	3	0	1	0	13	1
Return-to-Duty	554	536	15	13	2	0	0	0	1	0	0	2	4
Follow-Up	3,855	3,798	48	30	15	1	1	1	0	0	4	5	10
Total	149,408	147,188	1,993	1,364	503	40	44	84	17	15	33	162	297

Figure 18. Positive Test Rate for Revenue Vehicle Operation by Test Type



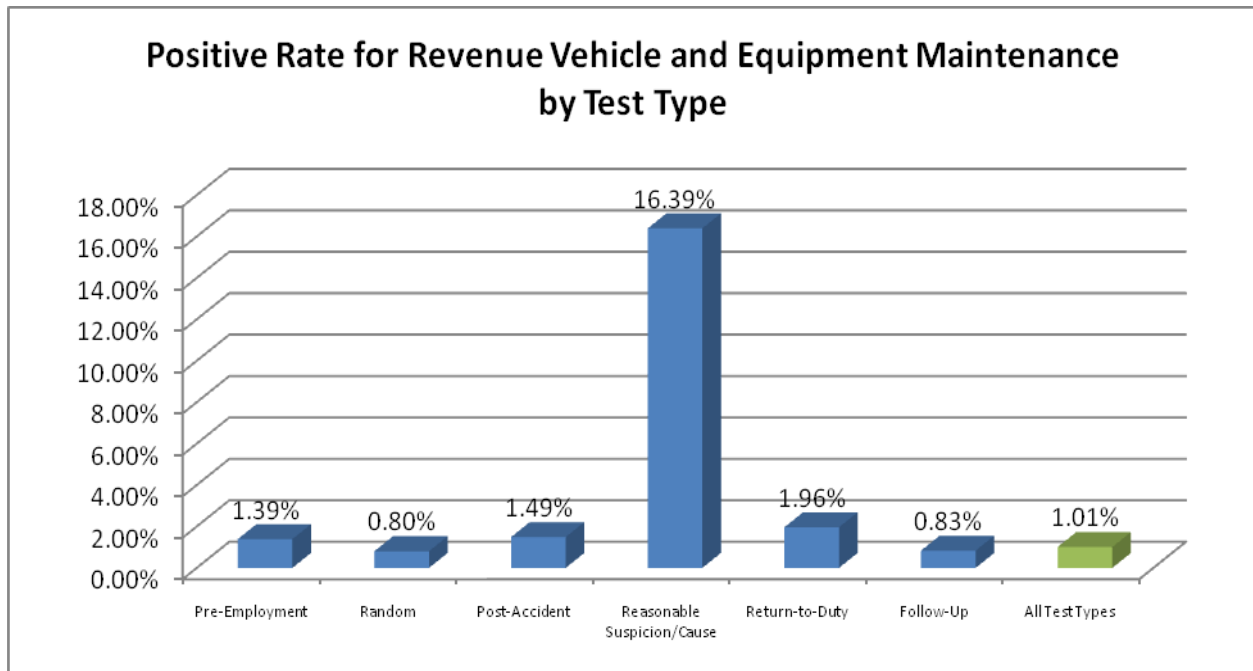
3.2.2 Revenue Vehicle and Equipment Maintenance Drug Test Results

Table 13 provides the drug test results for revenue vehicle and equipment maintenance employees by test type. Figure 19 illustrates the positive test rate for revenue vehicle and equipment maintenance employees by test type.

Table 13. Drug Test Results for Revenue Vehicle and Equipment Maintenance by Test Type

Type of Test	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	6,919	6,823	89	74	11	1	0	4	0	2	2	3	8
Random	18,017	17,872	133	88	36	0	1	11	0	2	3	7	18
Post-Accident	538	530	8	4	4	0	0	0	0	0	0	0	1
Reasonable Suspicion/Cause	61	51	8	1	6	0	1	1	0	0	0	2	1
Return-to-Duty	153	150	3	2	1	0	0	0	0	0	0	0	0
Follow-Up	1,681	1,667	14	6	8	0	0	0	0	0	0	0	2
Total	27,369	27,093	255	175	66	1	2	16	0	4	5	12	30

Figure 19. Positive Test Rate for Revenue Vehicle and Equipment Maintenance by Test Type



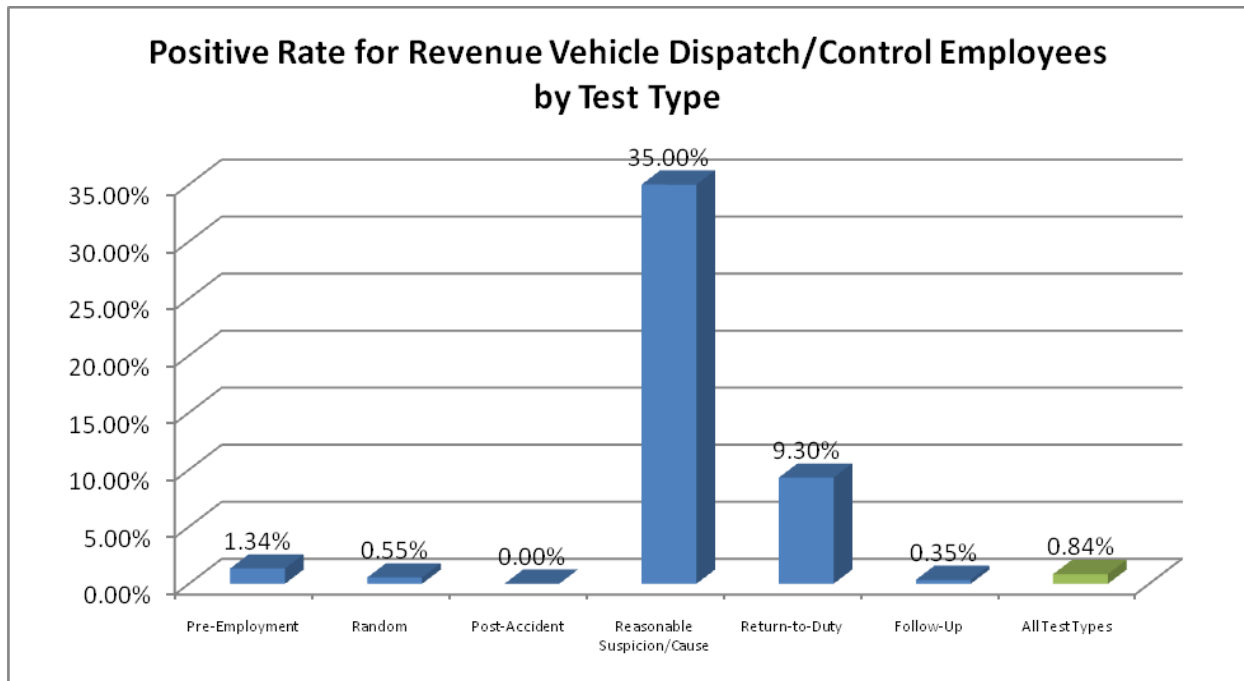
3.2.3 Revenue Vehicle Dispatch/Control Drug Test Results

Table 14 provides the drug test results of revenue vehicle dispatch/control by test type. Figure 20 shows the positive rate for drug test results of revenue vehicle dispatch/control by test type.

Table 14. Drug Test Results for Revenue Vehicle Dispatch/Control by Test Type

Type of Test	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Sly Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	2,539	2,505	30	23	5	0	1	2	0	0	2	2	5
Random	7,259	7,219	38	30	8	0	0	1	0	0	2	0	7
Post-Accident	95	95	0	0	0	0	0	0	0	0	0	0	1
Reasonable Suspicion/Cause	20	13	5	2	0	0	1	2	0	0	0	2	1
Return-to-Duty	43	39	3	3	0	0	0	0	0	0	0	1	0
Follow-Up	285	284	1	1	0	0	0	0	0	0	0	0	0
Total	10,241	10,155	77	59	13	0	2	5	0	0	4	5	14

Figure 20. Positive Test Rate for Revenue Vehicle Dispatch/Control by Test Type



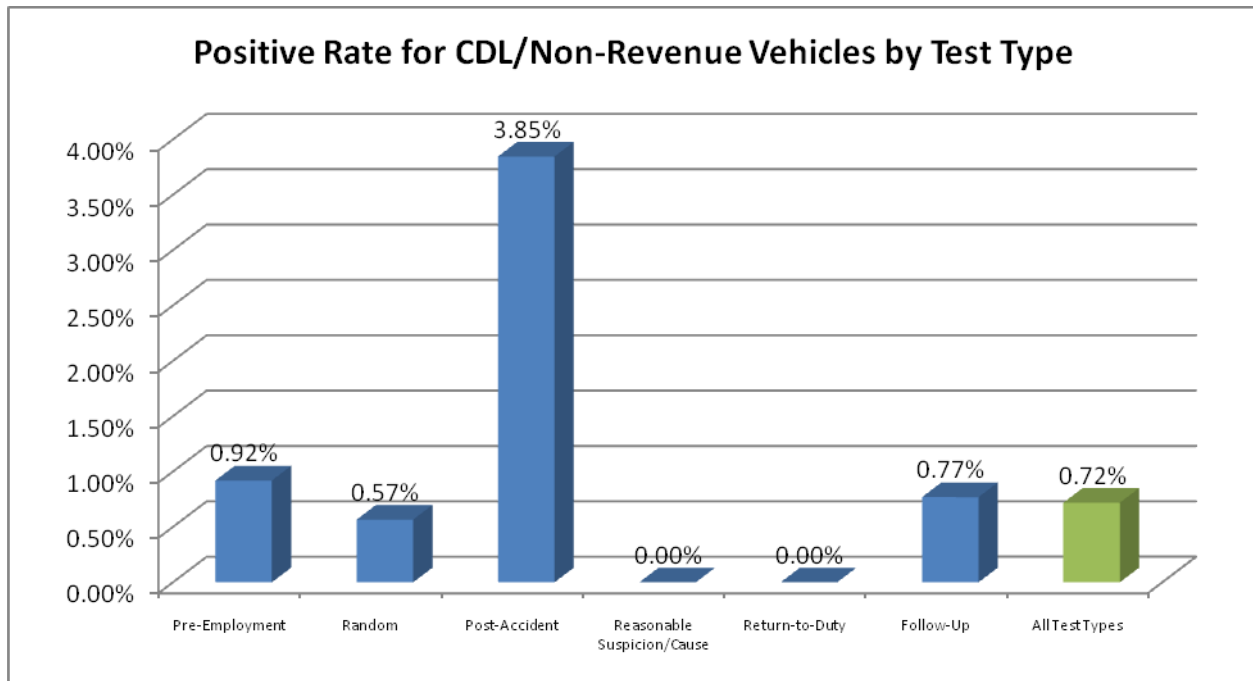
3.2.4 CDL/Non Revenue Vehicles Drug Test Results

Table 15 gives the drug test results of CDL/Non-Revenue Vehicle employees by test type. Figure 21 illustrates the positive test rate for drug tests for the CDL/Non-Revenue employee category by test type.

Table 15. Drug Test Results for CDL/Non-Revenue Vehicles by Test Type

Type of Test	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Sly Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	435	431	4	2	1	0	1	0	0	0	0	0	2
Random	1,589	1,580	7	4	2	0	0	1	0	0	0	2	1
Post-Accident	52	50	2	1	1	0	0	0	0	0	0	0	0
Reasonable Suspicion/Cause	7	7	0	0	0	0	0	0	0	0	0	0	0
Return-to-Duty	13	13	0	0	0	0	0	0	0	0	0	0	0
Follow-Up	130	129	1	0	1	0	0	0	0	0	0	0	0
Total	2,226	2,210	14	7	5	0	1	1	0	0	0	2	3

Figure 21. Positive Test Rate for CDL/Non-Revenue Vehicles by Test Type



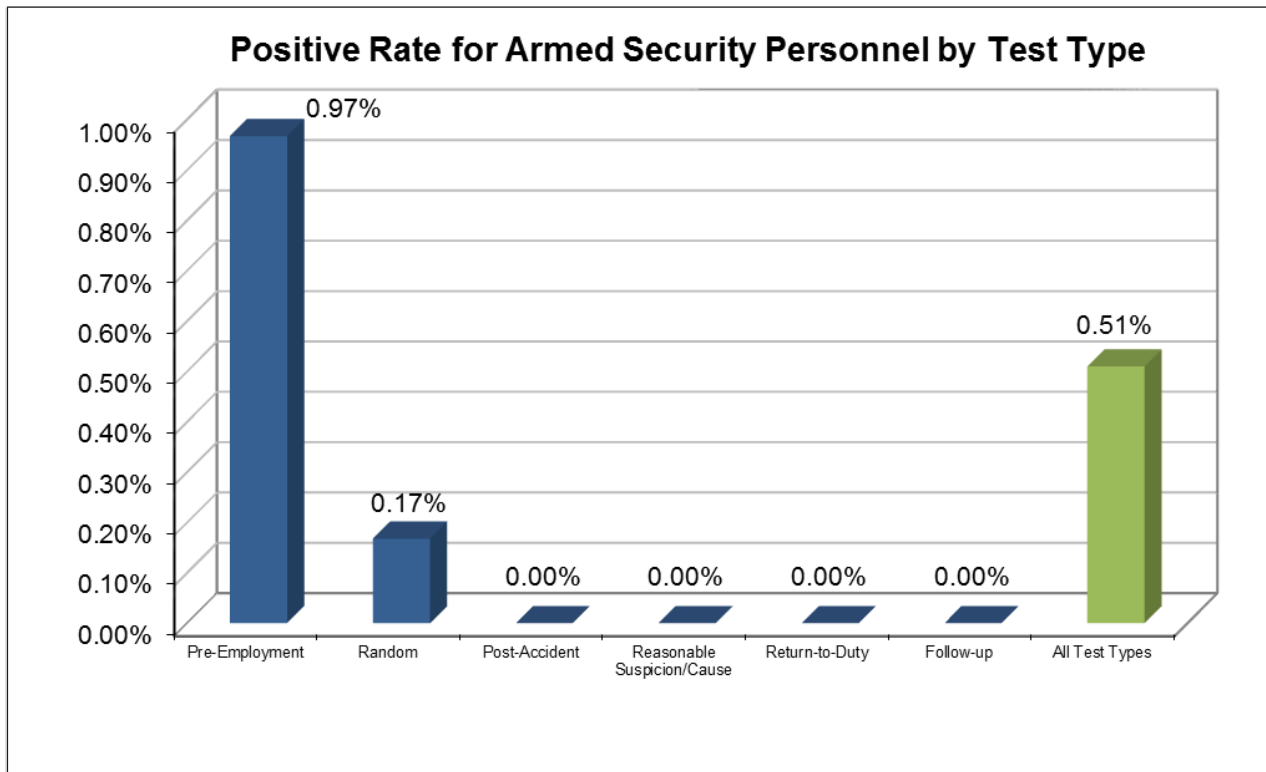
3.2.5 Armed Security Personnel Drug Test Results

Table 16 provides the drug test results for armed security personnel by test type. Figure 22 illustrates the positive test rate for armed security personnel drug tests.

Table 16. Drug Test Results for Armed Security Personnel by Test Type

Type of Test	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Sly Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	1,447	1,433	13	11	1	0	0	1	0	0	0	1	1
Random	1,787	1,784	3	0	3	0	0	0	0	0	0	0	0
Post-Accident	81	81	0	0	0	0	0	0	0	0	0	0	0
Reasonable Suspicion/Cause	3	3	0	0	0	0	0	0	0	0	0	0	0
Return-to-Duty	1	1	0	0	0	0	0	0	0	0	0	0	0
Follow-Up	14	14	0	0	0	0	0	0	0	0	0	0	0
Total	3,333	3,316	16	11	4	0	0	1	0	0	0	1	1

Figure 22. Positive Test Rate for Armed Security Personnel by Test Type



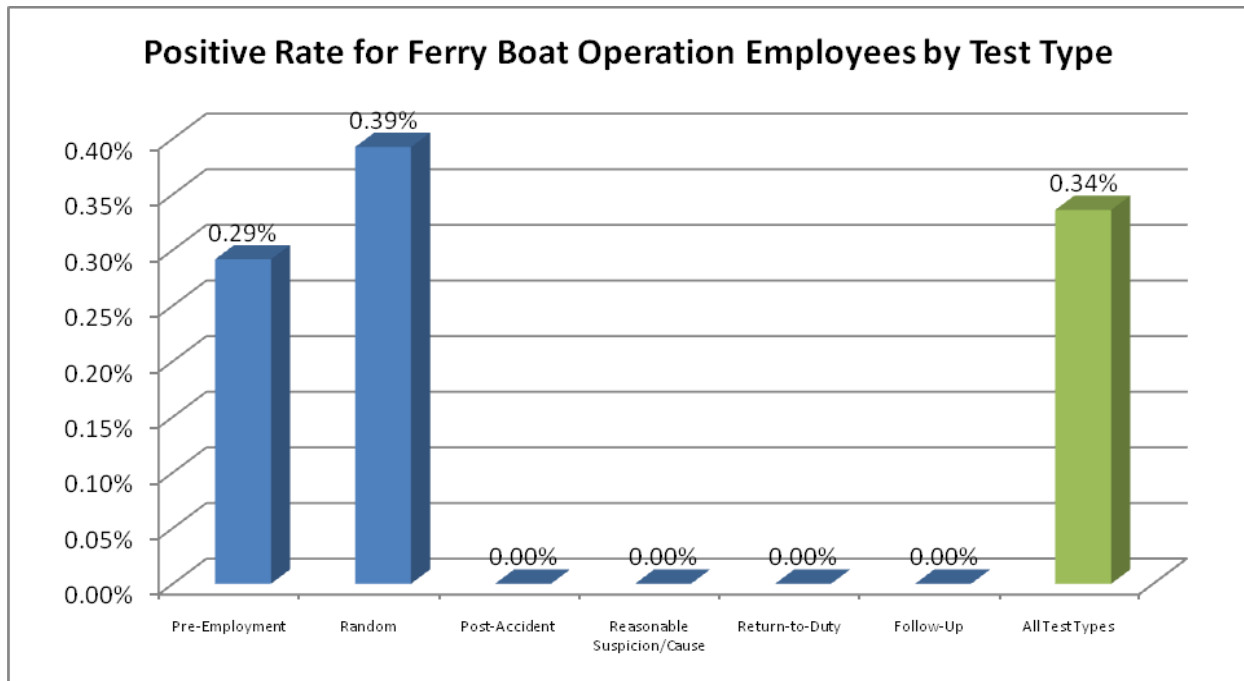
3.2.6 Ferry Boat Operation Drug Test Results

Table 17 provides the drug test results for ferry boat operators by test type. Figure 23 illustrates the positive test rate for drug tests administered to ferry boat operators.

Table 17. Drug Test Results for Ferry Boat Operation by Test Type

Type of Test	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Sly Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	343	342	1	1	0	0	0	0	0	0	0	0	1
Random	1,274	1,269	5	4	1	0	0	0	0	0	0	0	6
Post-Accident	161	161	0	0	0	0	0	0	0	0	0	0	0
Reasonable Suspicion/Cause	1	1	0	0	0	0	0	0	0	0	0	0	0
Return-to-Duty	3	3	0	0	0	0	0	0	0	0	0	0	0
Follow-Up	4	4	0	0	0	0	0	0	0	0	0	0	0
Total	1,786	1,780	6	5	1	0	0	0	0	0	0	0	7

Figure 23. Positive Test Rate for Ferry Boat Operation by Test Type



3.2.7 Drug Test Results for All Test Types by Employee Category

Table 18 provides drug test results for all test types by employee category. Figure 24 shows the positive rate for all test types by employee category. Figure 25 shows the percentage of verified positives for each drug type by type of test.

Table 18. Drug Test Results for All Test Types by Employee Category

Employee Category	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	149,408	147,188	1,993	1,364	503	40	44	84	17	15	33	162	297
Revenue Vehicle and Equipment Maintenance	27,369	27,093	225	175	66	1	2	16	0	4	5	12	30
Revenue Vehicle Dispatch/Control	10,241	10,155	77	59	13	0	2	5	0	0	4	5	14
CDL/Non-Revenue Vehicle	2,226	2,210	14	7	5	0	1	1	0	0	0	2	3
Armed Security Personnel	3,333	3,316	16	11	4	0	0	1	0	0	0	1	1
Ferry Boat Operation	1,786	1,780	6	5	1	0	0	0	0	0	0	0	7
Total	194,363	191,742	2,361	1,621	592	41	49	107	17	19	42	182	352

Figure 24. Positive Rate for All Test Types by Employee Category

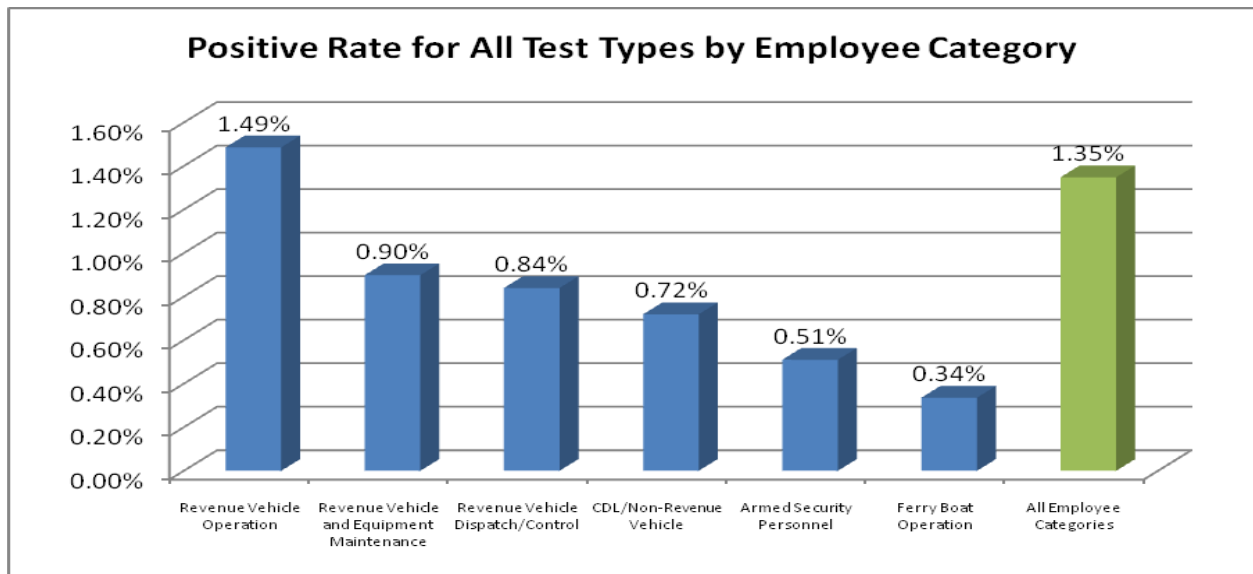
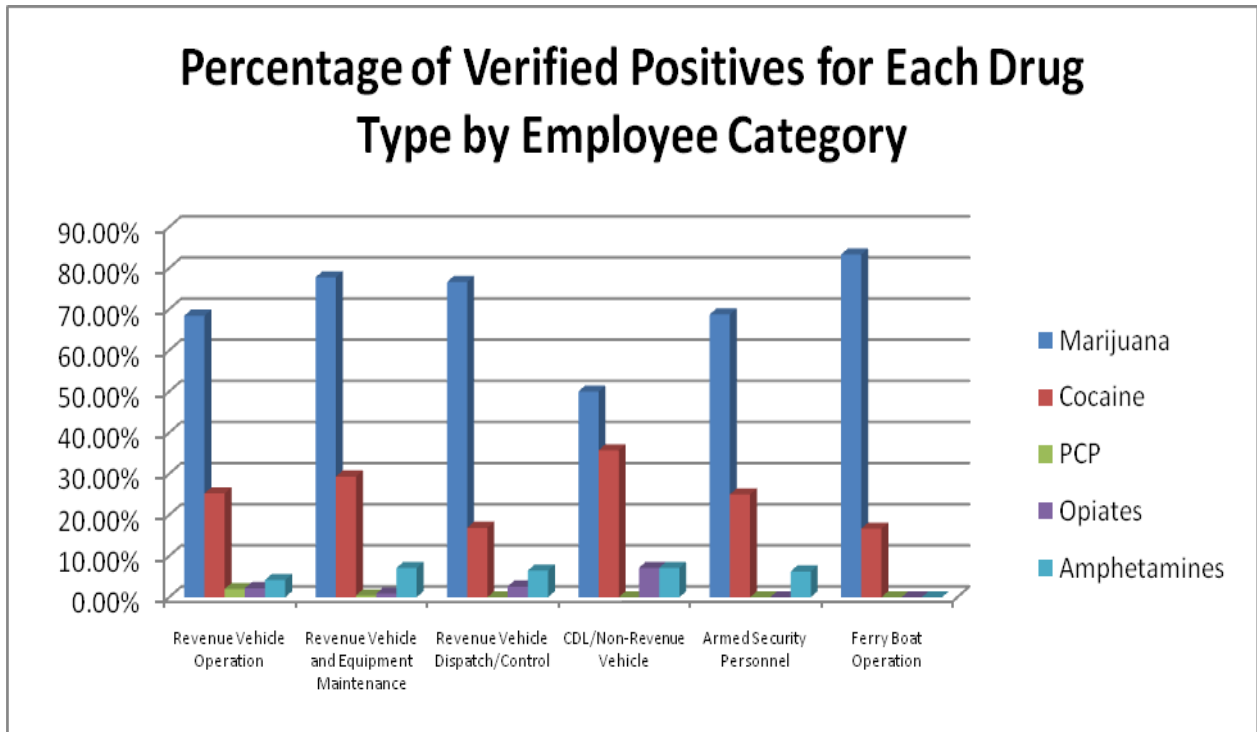


Figure 25. Percentage of Verified Positives for Drug Type by Employee Type



4. Drug Test Results by Region

Tables 19 through 28 provide drug test results by test type and drugs detected for FTA Regions 1 through 10.

Table 19. Drug Test Results by Test Type for FTA Region 1

Type of Test	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	2,932	2,871	61	49	12	1	1	0	0	0	0	0	2
Random	4,046	4,004	39	21	19	0	1	0	0	0	0	3	14
Post-Accident	539	531	8	6	3	0	1	0	0	0	0	0	1
Reasonable Suspicion/Cause	20	17	3	1	2	0	0	0	0	0	0	0	0
Return-to-Duty	19	17	2	2	0	0	0	0	0	0	0	0	0
Follow-Up	300	295	5	1	4	0	0	0	0	0	0	0	0
Total	7,856	7,735	118	80	40	1	3	0	0	0	0	3	17

Table 20. Drug Test Results by Test Type for FTA Region 2

Type of Test	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	12,335	12,064	249	171	71	3	5	1	7	2	2	11	12
Random	20,274	20,173	91	49	44	0	0	0	0	1	3	6	24
Post-Accident	2,414	2,390	19	7	13	0	0	0	0	0	0	5	3
Reasonable Suspicion/Cause	75	66	5	3	2	0	0	0	0	1	0	3	0
Return-to-Duty	106	102	4	4	0	0	0	0	0	0	0	0	0
Follow-Up	1,295	1,284	8	3	5	0	0	0	0	0	1	2	0
Total	36,499	36,079	376	237	135	3	5	1	7	4	6	27	39

Table 21. Drug Test Results by Test Type for FTA Region 3

Type of Test	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	10,981	10,603	350	254	61	29	6	2	0	2	1	25	18
Random	12,099	11,984	102	60	38	1	6	1	0	0	2	11	15
Post-Accident	1,644	1,626	17	7	10	0	0	0	0	0	0	1	4
Reasonable Suspicion/Cause	78	67	8	3	3	1	3	0	0	0	0	3	1
Return-to-Duty	150	148	2	0	2	0	0	0	0	0	0	0	1
Follow-Up	1,116	1,105	10	6	2	1	0	1	0	0	0	1	1
Total	26,068	25,533	489	330	116	32	15	4	0	2	3	41	40

Table 22. Drug Test Results by Test Type for FTA Region 4

Type of Test	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	7,325	7,199	117	95	21	0	1	1	1	3	0	5	8
Random	12,335	12,247	79	54	24	0	0	2	0	0	0	9	14
Post-Accident	1,906	1,885	16	10	6	0	0	0	0	0	0	5	6
Reasonable Suspicion/Cause	52	48	3	3	1	0	0	0	0	0	0	1	1
Return-to-Duty	113	109	3	3	0	0	0	0	1	0	0	0	1
Follow-Up	201	198	3	1	2	0	0	0	0	0	0	0	2
Total	21,932	21,686	221	166	54	0	1	3	2	3	0	20	32

Table 23. Drug Test Results by Test Type for FTA Region 5

Type of Test	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	10,438	10,260	160	129	30	0	2	4	1	2	4	11	18
Random	14,166	14,036	109	76	25	0	1	7	1	0	13	7	19
Post-Accident	2,247	2,203	42	24	19	0	2	0	0	0	2	0	7
Reasonable Suspicion/Cause	73	62	8	5	3	0	0	1	0	0	0	3	0
Return-to-Duty	132	127	4	3	1	0	0	0	0	0	0	1	1
Follow-Up	960	945	12	9	3	0	0	0	0	0	2	1	1
Total	28,016	27,633	335	246	81	0	5	12	2	2	21	23	46

Table 24. Drug Test Results by Test Type for FTA Region 6

Type of Test	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	7,107	6,981	115	92	19	0	1	5	0	1	2	8	19
Random	6,747	6,667	70	40	28	1	3	4	1	2	2	5	14
Post-Accident	1,040	1,031	7	6	1	0	0	0	0	0	1	1	6
Reasonable Suspicion/Cause	27	23	1	0	1	0	0	0	0	0	0	3	0
Return-to-Duty	33	32	1	1	0	0	0	0	0	0	0	0	0
Follow-Up	102	101	1	0	1	0	0	0	0	0	0	0	0
Total	15,056	14,835	195	139	50	1	4	9	1	3	5	17	39

Table 25. Drug Test Results by Test Type for FTA Region 7

Type of Test	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	2,959	2,919	35	26	1	1	1	6	1	0	0	4	4
Random	2,935	2,913	19	14	3	0	0	2	1	0	0	2	4
Post-Accident	441	421	19	9	9	0	1	0	0	0	0	1	0
Reasonable Suspicion/Cause	18	15	2	1	1	0	0	1	0	0	0	1	0
Return-to-Duty	17	16	0	0	0	0	0	0	0	0	0	1	0
Follow-Up	96	96	0	0	0	0	0	0	0	0	0	0	0
Total	6,466	6,380	75	50	14	1	2	9	2	0	0	9	8

Table 26. Drug Test Results by Test Type for FTA Region 8

Type of Test	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	4,426	4,368	55	40	12	0	1	2	0	0	0	3	12
Random	5,255	5,201	51	30	19	0	2	0	0	1	0	2	19
Post-Accident	391	386	5	5	0	0	0	0	0	0	0	0	1
Reasonable Suspicion/Cause	24	21	3	1	1	0	0	1	0	0	0	0	0
Return-to-Duty	53	49	4	4	0	0	0	0	0	0	0	0	0
Follow-Up	408	405	3	2	1	0	0	0	0	0	0	0	2
Total	10,557	10,430	121	82	33	0	3	3	0	1	0	5	34

Table 27. Drug Test Results by Test Type for FTA Region 9

Type of Test	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	11,912	11,706	185	140	22	2	2	22	2	1	3	15	31
Random	17,137	16,992	133	75	23	0	4	33	1	2	2	7	34
Post-Accident	2,417	2,391	21	8	11	0	1	3	0	1	0	4	11
Reasonable Suspicion/Cause	81	70	9	3	4	0	1	2	0	0	0	2	1
Return-to-Duty	116	115	1	1	0	0	0	0	0	0	0	0	1
Follow-Up	1,274	1,257	17	12	5	0	0	0	0	0	0	0	5
Total	32,937	32,531	366	239	65	2	8	60	3	4	5	28	83

Table 28. Drug Test Results by Test Type for FTA Region 10

Type of Test	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	2,694	2,667	23	20	0	0	0	3	0	0	1	3	5
Random	5,294	5,260	31	25	3	1	1	1	0	0	0	3	7
Post-Accident	711	707	4	3	0	0	0	1	0	0	0	0	1
Reasonable Suspicion/Cause	32	29	2	1	0	0	1	1	0	0	0	1	0
Return-to-Duty	28	27	0	0	0	0	0	0	0	0	0	1	0
Follow-Up	217	210	5	3	1	0	1	0	0	0	1	1	1
Total	8,976	8,900	65	52	4	1	3	6	0	0	2	9	14

4.1 Drug Test Results by Type of Drug for Each Region

Figures 26 through 30 provide data on verified positive drug test results by each drug type for each FTA region. Figure 31 shows the percent of total test refusals by region.

Figure 26. Percent of Verified Positives for Marijuana by Region

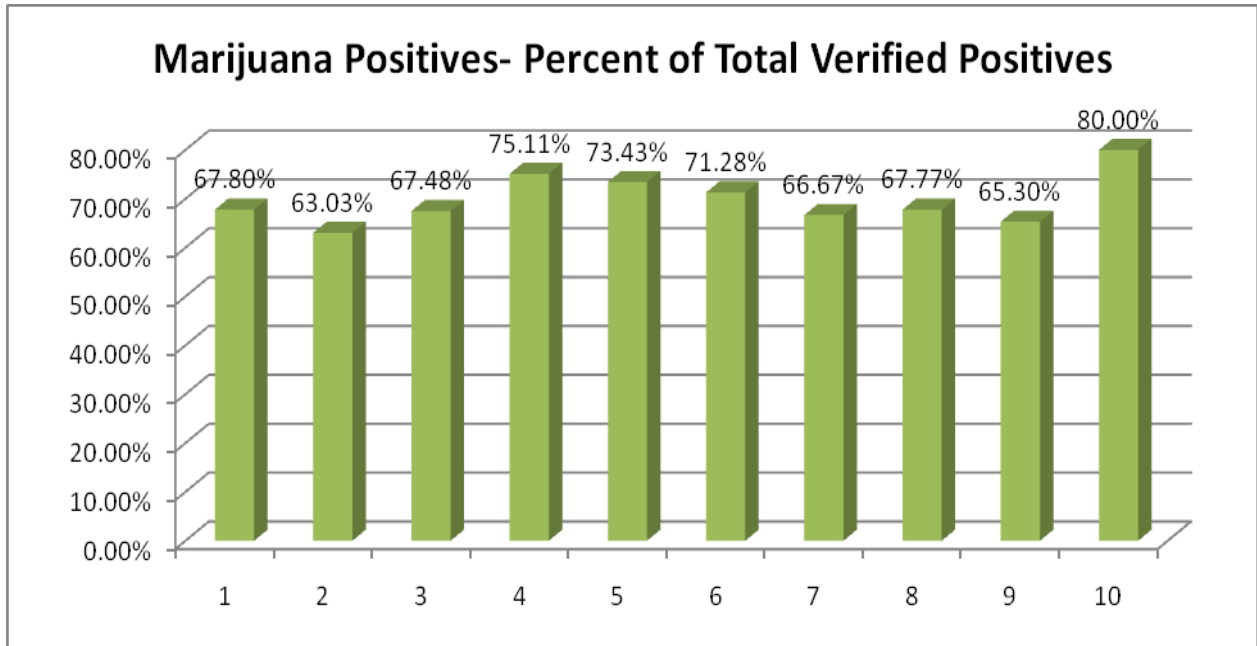


Figure 27. Percent of Verified Positives for Cocaine by Region

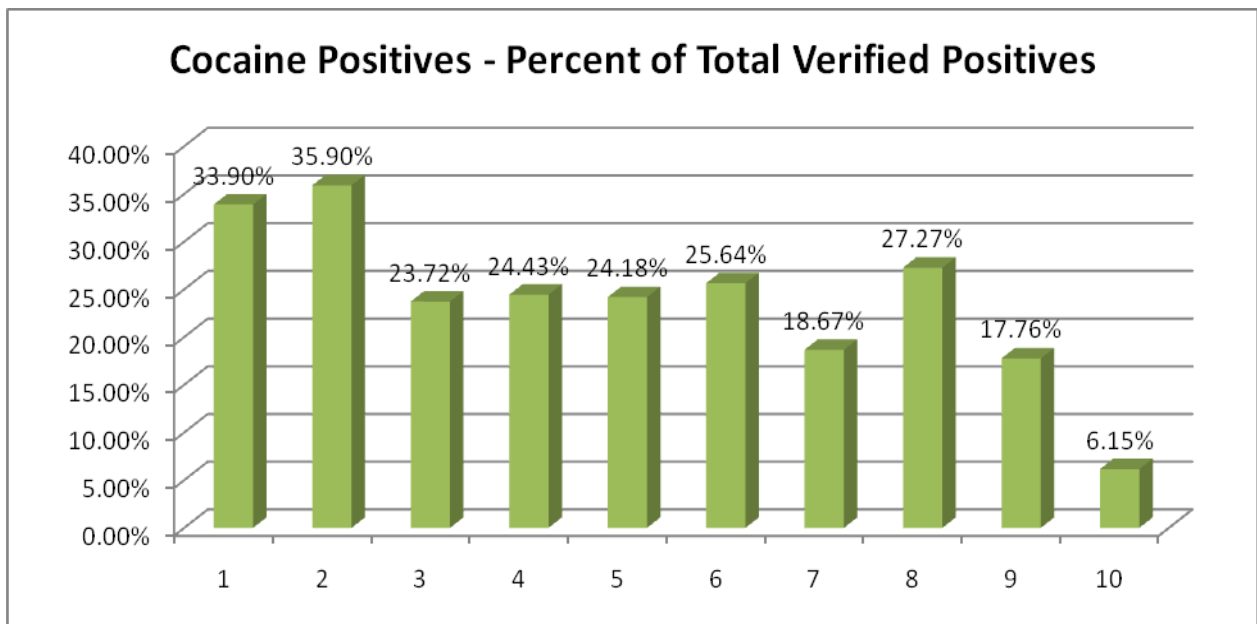


Figure 28. Percent of Verified Positives for PCP by Region

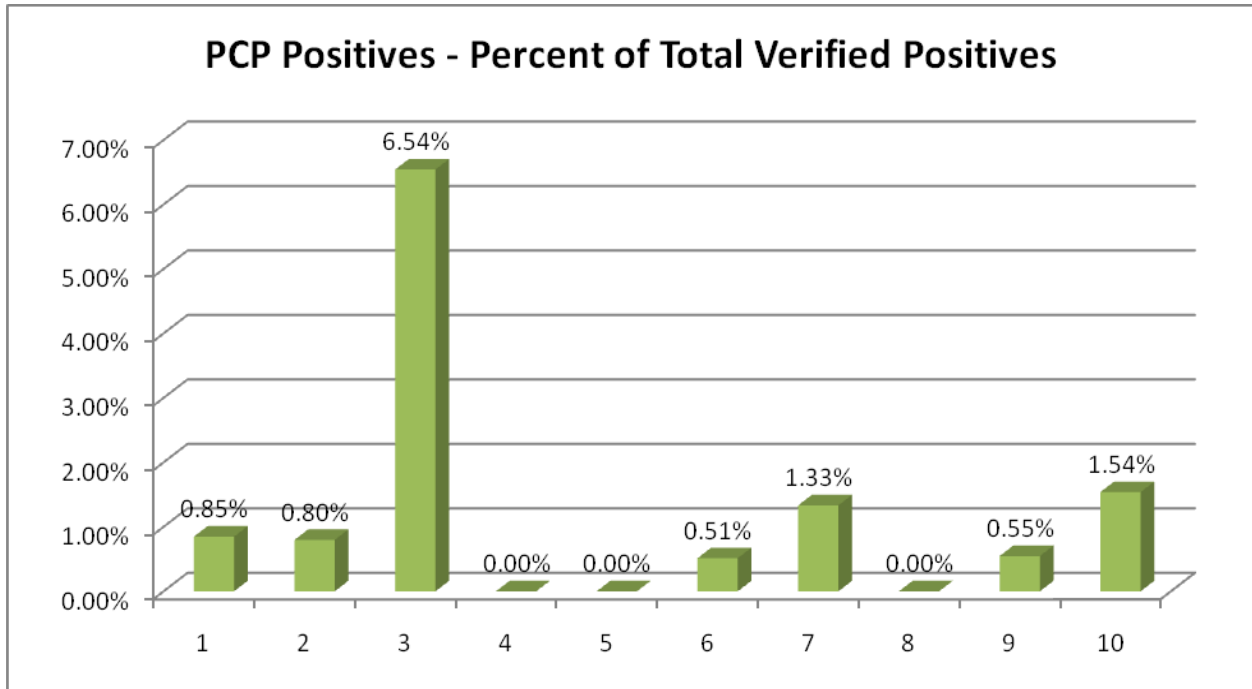


Figure 29. Percent of Verified Positives for Opiates by Region

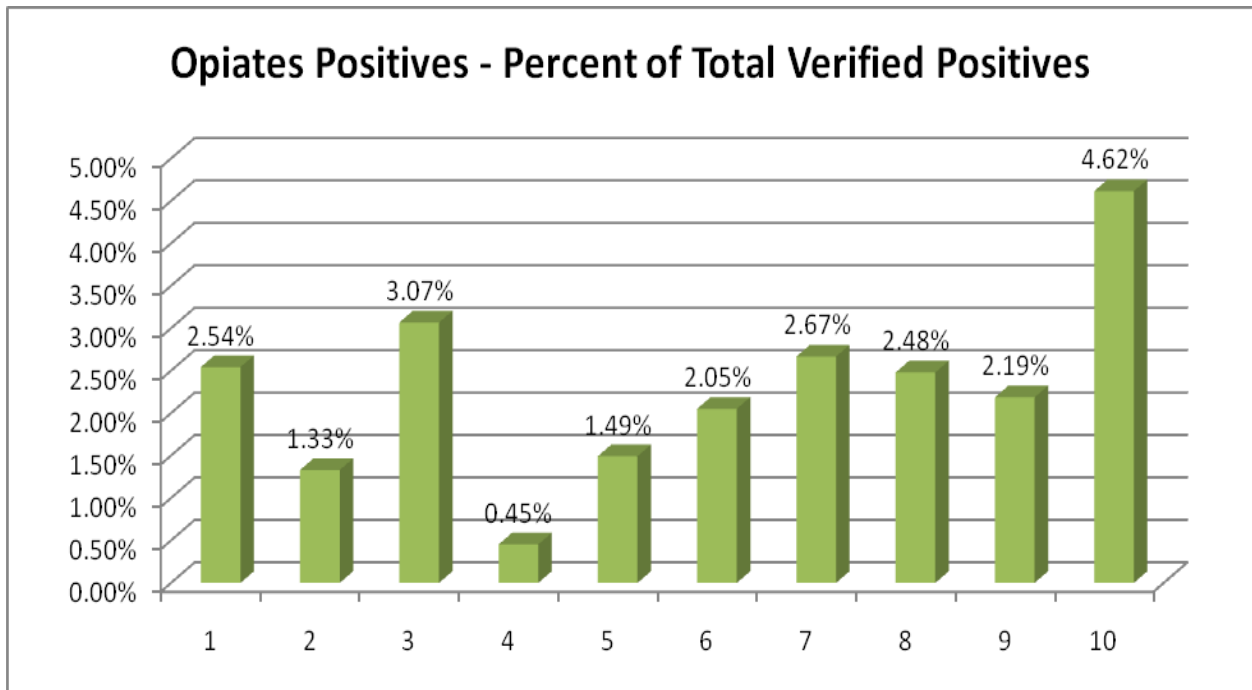


Figure 30. Percent of Verified Positives for Amphetamines by Region

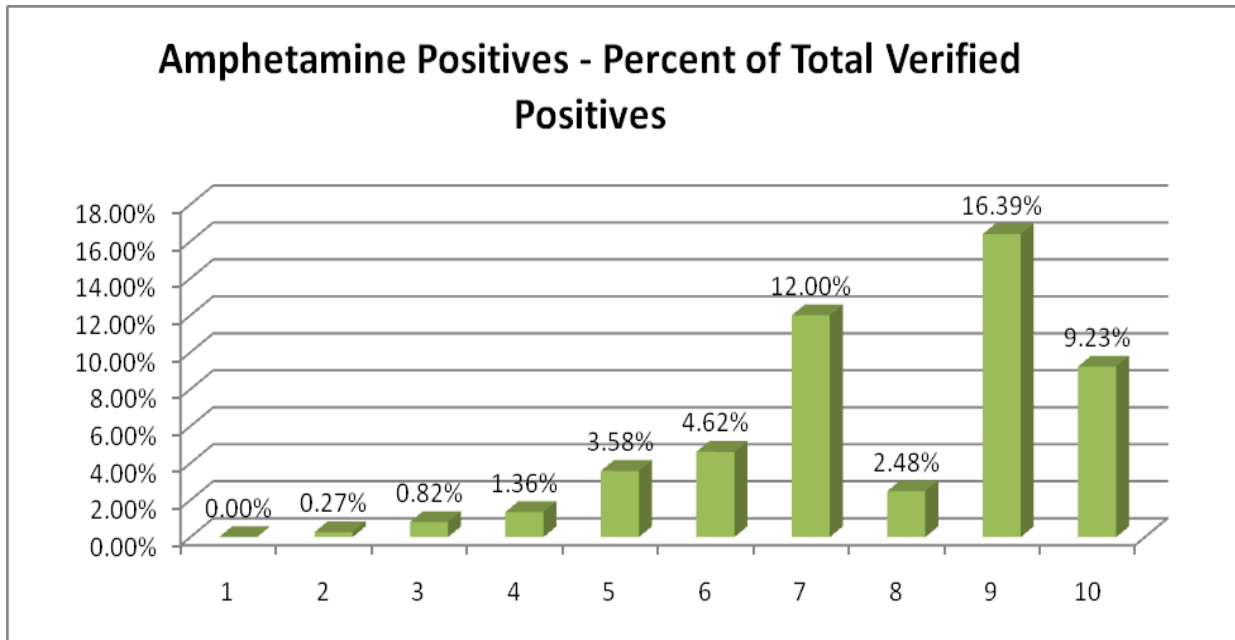
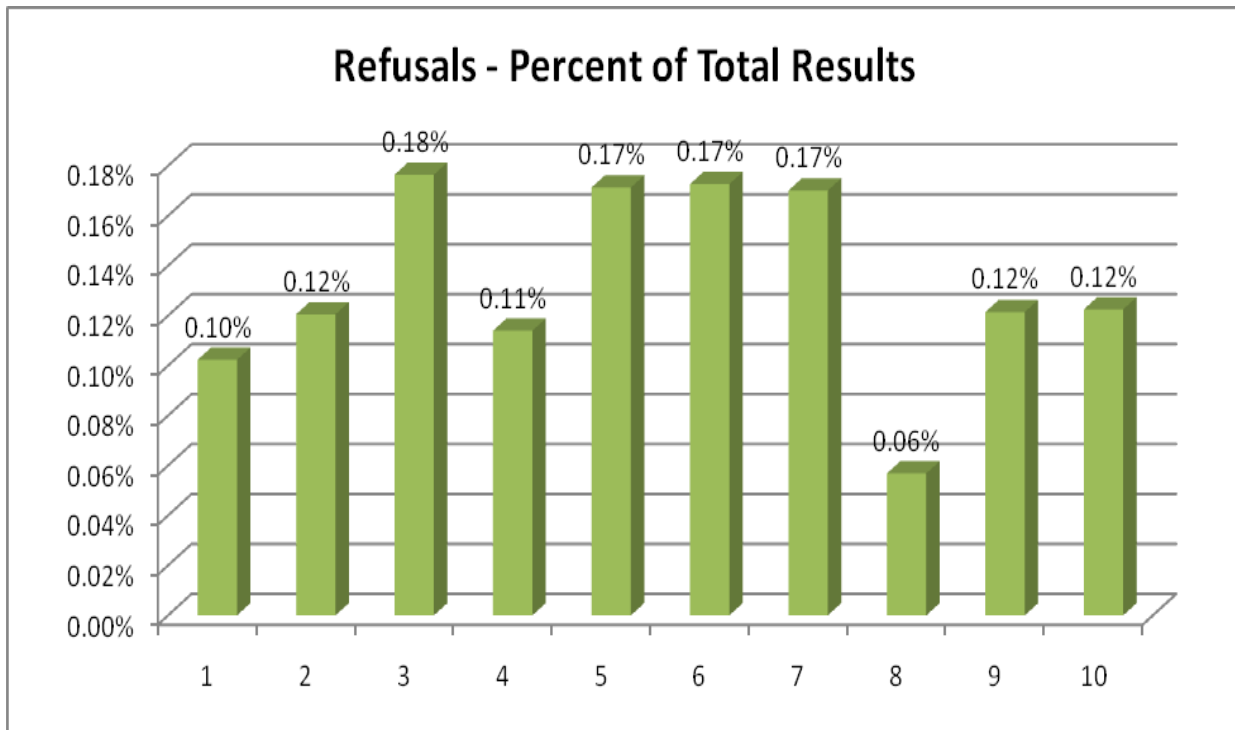


Figure 31. Percent of Total Test Refusals by Region



4.2 Drug Test Results for Transit Employers and Contractors

Table 29 gives drug test results for transit employers by region. Table 30 gives the drug test results for contractors by region.

Table 29. Drug Test Results for Transit Employers by Region

Region	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
1	3,039	2,996	42	24	18	0	1	0	0	0	0	1	9
2	23,499	23,372	113	70	40	0	4	1	0	2	4	8	25
3	13,450	13,324	115	74	37	4	4	1	0	0	2	9	18
4	10,362	10,276	77	51	25	0	0	1	2	2	0	5	15
5	13,835	13,724	100	58	36	0	4	6	0	0	9	2	21
6	8,188	8,089	86	61	26	1	1	3	1	3	2	7	12
7	2,316	2,295	19	15	2	0	0	2	0	0	0	2	3
8	3,176	3,153	22	16	5	0	0	1	0	0	0	1	9
9	15,522	15,402	110	65	26	1	3	20	1	3	0	6	21
10	5,339	5,304	32	26	2	1	3	1	0	0	1	2	5
Total	98,726	97,935	716	460	217	7	20	36	4	10	18	43	138

Table 30. Drug Test Results for Contractors by Region

Region	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
1	2,915	2,854	59	45	17	0	1	0	0	0	0	2	4
2	12,452	12,162	260	165	94	3	1	0	7	2	2	19	14
3	10,140	9,759	351	242	71	26	11	3	0	1	1	28	19
4	5,781	5,672	99	78	21	0	0	1	0	0	0	10	9
5	10,412	10,173	207	162	43	0	1	5	2	2	10	18	25
6	3,556	3,466	83	64	17	0	2	2	0	0	1	6	19
7	1,057	1,458	43	24	12	1	1	5	0	0	0	6	2
8	5,569	5,480	84	56	24	0	2	2	0	1	0	4	25
9	15,953	15,682	244	163	39	1	5	39	2	1	3	21	58
10	2,545	2,511	28	21	2	0	0	5	0	0	1	5	9
Total	70,830	69,217	1,458	1,020	340	31	24	62	11	7	18	119	184

Figure 32 illustrates the positive drug test rate for transit employers and contractors by region. Figure 33 shows the verified positives for transit employers and contractors for each drug type.

Figure 32. Positive Drug Test Rate for Transit Employers and Contractors by Region

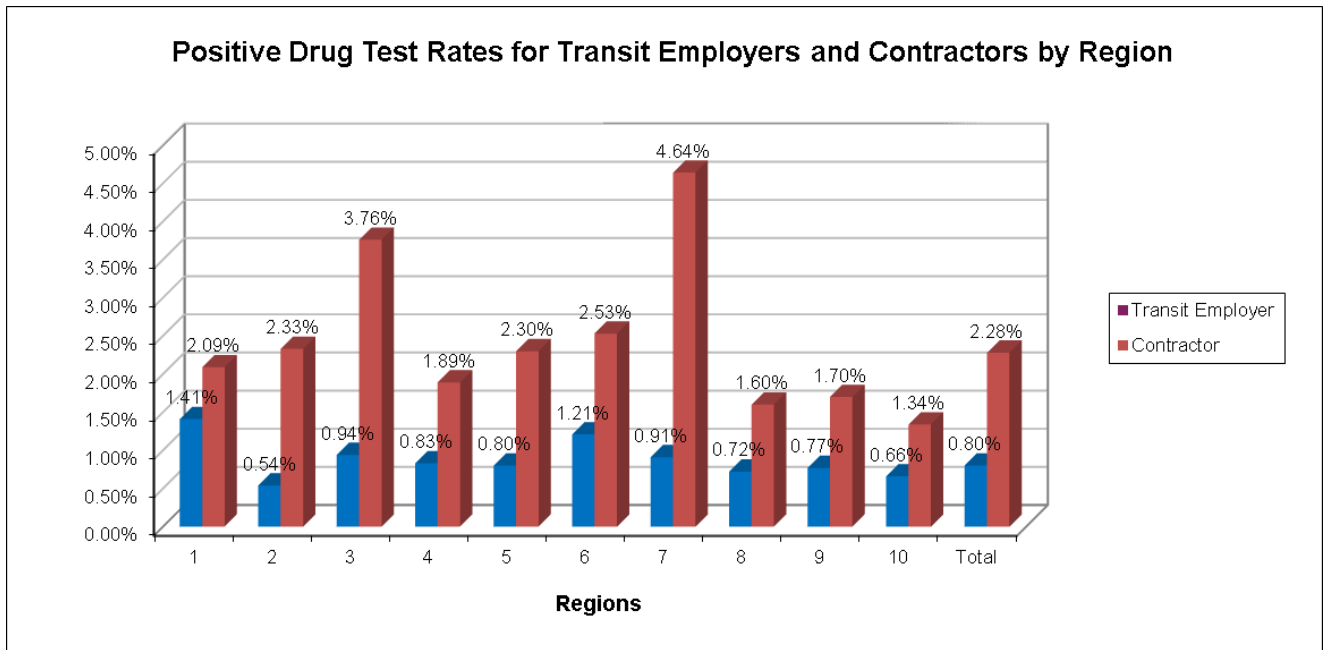
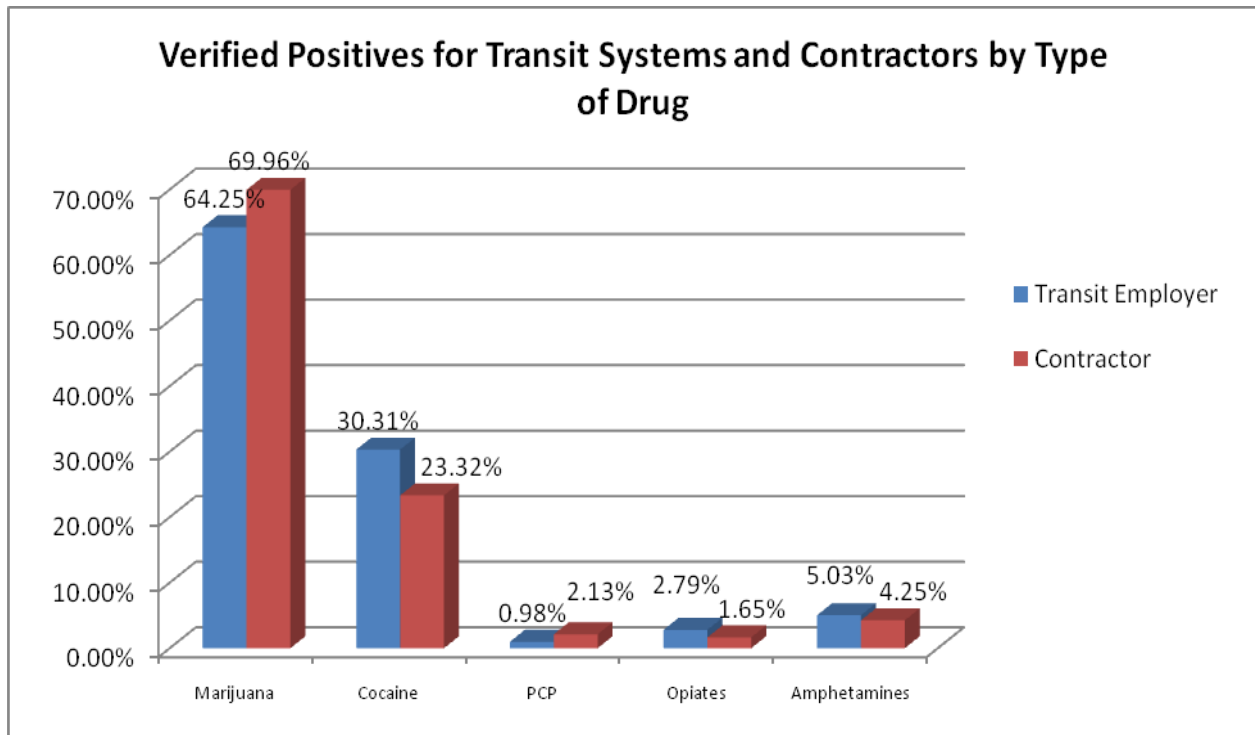


Figure 33. Verified Positives for Transit Systems and Contractors by Drug Type



5. Historical Drug Test Data

This section provides drug test results to show drugs use trends for the years 2003 – 2009.

5.1 Historical Drug Test Results by Year

Tables 31 through 37 provide drug test results for all test types and employee categories by region for each year from 2003 through 2009.

Table 31. Drug Test Results for All Test Types and Employee Categories by Region - 2003

Region	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	“Shy Bladder” with No Medical Explanation	Other Refusals to Submit to Testing	
1	9,913	9,786	124	73	46	1	1	1	0	0	0	3	12
2	44,467	43,920	522	279	206	8	21	6	6	2	4	13	54
3	26,388	25,900	439	251	177	16	8	2	1	2	6	40	51
4	26,799	26,395	363	195	135	2	5	16	1	3	12	25	46
5	33,985	33,401	555	317	202	5	20	11	2	7	2	18	51
6	17,802	17,562	223	135	81	2	3	9	0	3	1	13	26
7	8,009	7,903	97	61	26	0	2	9	0	0	1	8	14
8	7,391	7,245	132	80	37	0	1	4	0	1	2	11	13
9	38,802	38,148	591	304	167	6	19	76	21	1	6	35	67
10	11,150	11,016	122	76	27	0	2	16	0	0	2	10	19
Total	224,706	221,276	3,168	1,771	1,104	40	82	150	31	19	36	176	353

Table 32. Drug Test Results for All Test Types and Employee Categories by Region – 2004

Region	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
1	10,177	10,072	102	65	38	1	1	1	0	0	0	3	13
2	43,346	42,813	502	267	205	15	11	9	3	8	4	16	65
3	28,697	28,133	506	298	187	8	25	2	0	0	4	54	48
4	30,061	29,598	419	237	167	1	7	17	6	4	2	32	49
5	35,611	35,071	492	285	198	2	17	13	4	2	15	27	46
6	17,578	17,318	246	156	81	1	5	8	1	3	1	9	31
7	8,400	8,291	99	66	24	0	2	11	2	0	3	5	22
8	7,948	7,826	109	76	20	0	3	12	1	1	5	6	17
9	43,405	42,766	584	336	133	2	23	117	7	2	6	40	118
10	11,853	11,718	120	86	15	0	4	19	0	0	1	14	28
Total	237,076	233,606	3,179	1,872	1,068	30	98	209	24	20	41	206	437

Table 33. Drug Test Results for All Test Types and Employee Categories by Region – 2005

Region	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
1	10,505	10,388	111	81	29	0	1	0	0	0	3	3	20
2	43,776	43,258	480	268	201	6	11	7	11	0	6	21	45
3	29,284	28,795	431	260	148	8	15	9	6	1	4	47	53
4	29,847	29,444	362	218	149	1	6	4	5	5	4	27	53
5	35,337	34,775	508	298	191	6	10	16	8	3	13	30	58
6	16,789	16,577	194	113	69	2	6	12	0	0	5	13	33
7	8,503	8,415	76	50	25	0	0	3	0	1	0	11	35
8	8,272	8,143	118	74	34	1	1	8	2	0	1	8	25
9	45,145	44,397	670	372	160	1	21	135	5	2	17	54	113
10	12,126	12,019	92	53	23	0	4	17	5	0	2	8	14
Total	239,584	236,211	3,042	1,787	1,029	25	75	211	42	12	55	222	449

Table 34. Drug Test Results for All Test Types and Employee Categories by Region – 2006

Region	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
1	11,400	11,248	138	80	52	1	3	4	0	0	1	13	21
2	46,577	45,970	575	337	239	4	12	2	9	4	6	13	49
3	29,686	29,053	573	328	213	29	12	9	1	2	1	56	59
4	30,782	30,352	406	253	152	0	7	4	2	1	2	19	86
5	35,299	34,797	452	283	160	2	15	5	0	4	13	33	71
6	19,051	18,800	220	146	61	4	4	9	0	0	4	27	37
7	8,762	8,683	67	57	5	0	0	7	1	1	0	10	19
8	9,180	9,023	146	100	42	0	0	9	1	1	0	9	17
9	46,689	45,881	721	444	172	11	22	99	11	2	6	68	131
10	13,507	13,397	97	61	19	0	3	15	1	0	1	11	25
Total	250,933	247,204	3,395	2,089	1,115	51	78	163	26	15	34	259	515

Table 35. Drug Test Results for All Test Types and Employee Categories by Region – 2007

Region	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
1	8,711	8,565	139	93	46	1	1	2	0	0	0	7	26
2	38,504	37,948	531	343	176	7	13	3	7	2	0	16	43
3	25,518	24,881	570	376	151	42	15	4	2	0	4	61	65
4	27,430	26,990	398	261	134	4	16	5	6	4	6	26	78
5	29,444	28,978	419	274	135	2	12	3	9	5	10	23	45
6	16,063	15,784	237	143	80	6	0	11	2	0	3	37	35
7	7,270	7,183	78	61	12	0	2	4	0	0	0	9	12
8	8,441	8,300	131	87	37	0	4	8	2	1	0	7	26
9	41,986	41,263	664	457	123	5	18	81	8	4	6	41	126
10	10,426	10,326	87	54	18	0	2	15	0	2	2	9	15
Total	213,793	210,218	3,254	2,149	912	67	83	136	36	18	31	236	471

Table 36. Drug Test Results for All Test Types and Employee Categories by Region – 2008

Region	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
1	8,383	8,249	125	76	45	2	6	4	0	1	1	7	15
2	34,965	64,561	386	252	127	4	10	1	4	3	0	11	51
3	30,144	29,506	583	411	136	38	11	3	0	1	2	52	65
4	25,616	25,315	277	185	90	1	3	2	5	0	1	18	43
5	30,648	30,210	395	288	89	2	8	12	4	2	11	26	74
6	15,107	14,838	235	164	62	4	4	17	1	2	11	20	34
7	7,601	7,493	95	75	13	0	3	5	0	1	1	11	12
8	8,343	8,230	105	79	23	0	2	2	0	0	1	7	25
9	38,066	37,491	535	357	109	4	7	68	0	0	7	33	114
10	10,185	10,099	71	57	9	0	3	3	1	0	1	13	10
Total	209,058	205,992	2,807	1,944	703	55	57	117	15	10	36	198	443

Table 37. Drug Test Results for All Test Types and Employee Categories by Region – 2009

Region	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Refusals				Cancelled Tests
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
1	7,856	7,735	118	80	40	1	3	0	0	0	0	3	17
2	36,499	36,079	376	237	135	3	5	1	7	4	6	27	39
3	26,068	25,533	489	330	116	32	15	4	0	2	3	41	40
4	21,932	21,686	221	166	54	0	1	3	2	3	0	20	32
5	28,016	27,633	335	246	81	0	5	12	2	2	21	23	46
6	15,056	14,835	195	139	50	1	4	9	1	3	5	17	39
7	6,466	6,380	75	50	14	1	2	9	2	0	0	9	8
8	10,557	10,430	121	82	33	0	3	3	0	1	0	5	34
9	32,937	32,531	366	239	65	2	8	60	3	4	5	28	83
10	8,976	8,900	65	52	4	1	3	6	0	0	2	9	14
Total	194,363	191,742	2,361	1,621	592	41	49	107	17	19	42	182	352

Figure 34 shows the percent of verified positives for all drug types by year. Figure 35 shows the percent of verified positives for each drug test by year.

Figure 34. Percent of Verified Positives for All Drug Types by Year 2003 – 2009

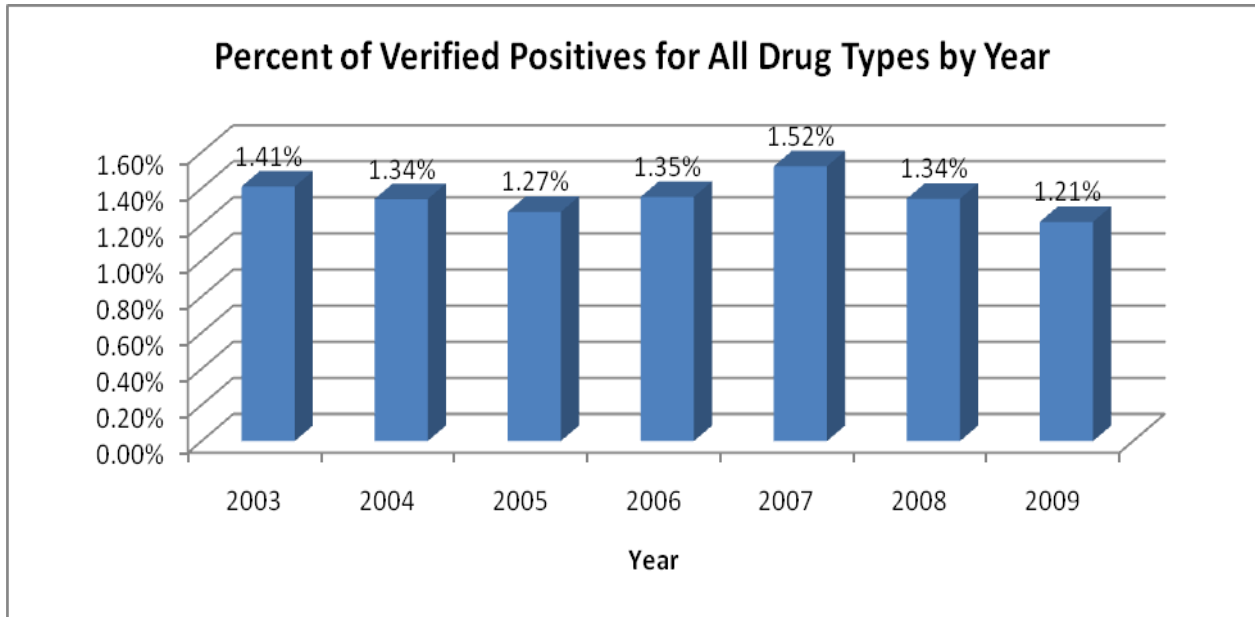
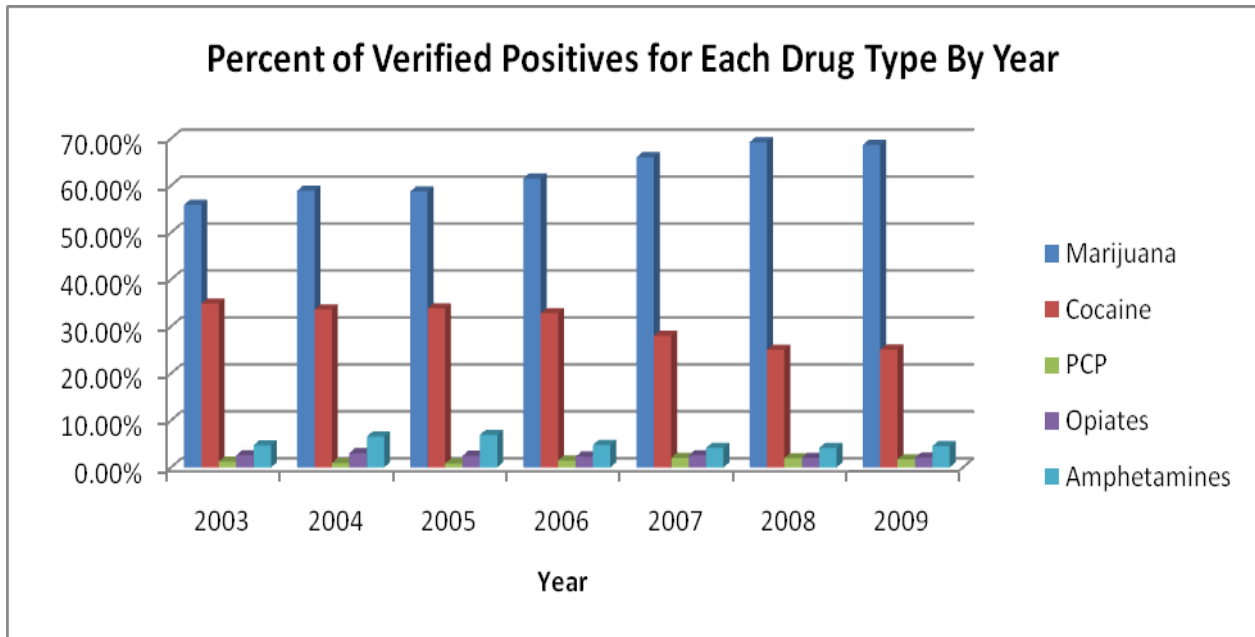


Figure 35. Percent of Verified Positives for Each Drug Type by Year



5.2 Historical Drug Test Results by Drug Type and by FTA Region

The figures in this section illustrate the drug test results for each type of drug for each FTA region. Figures 36 through 45 illustrate the percent of verified positives for each drug type by year for Regions 1 through 10.

Figure 36. Percent of Verified Positives for Each Drug Type by Year for Region 1

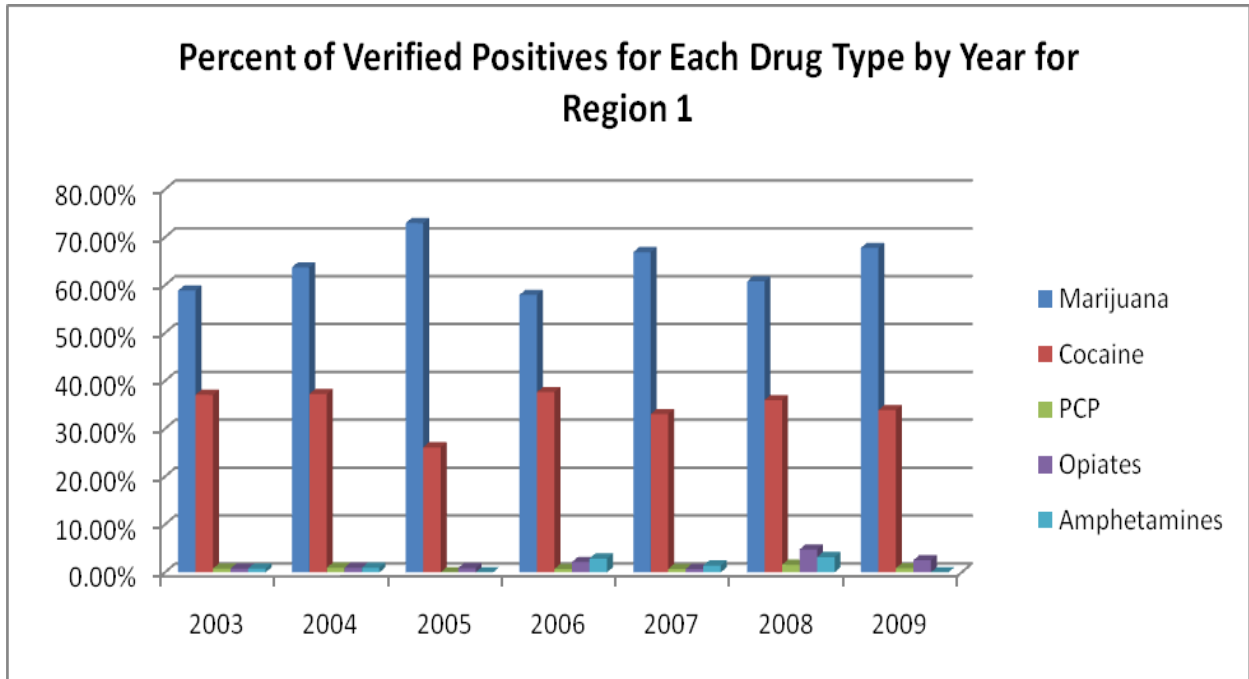


Figure 37. Percent of Verified Positives for Each Drug Type by Year for Region 2

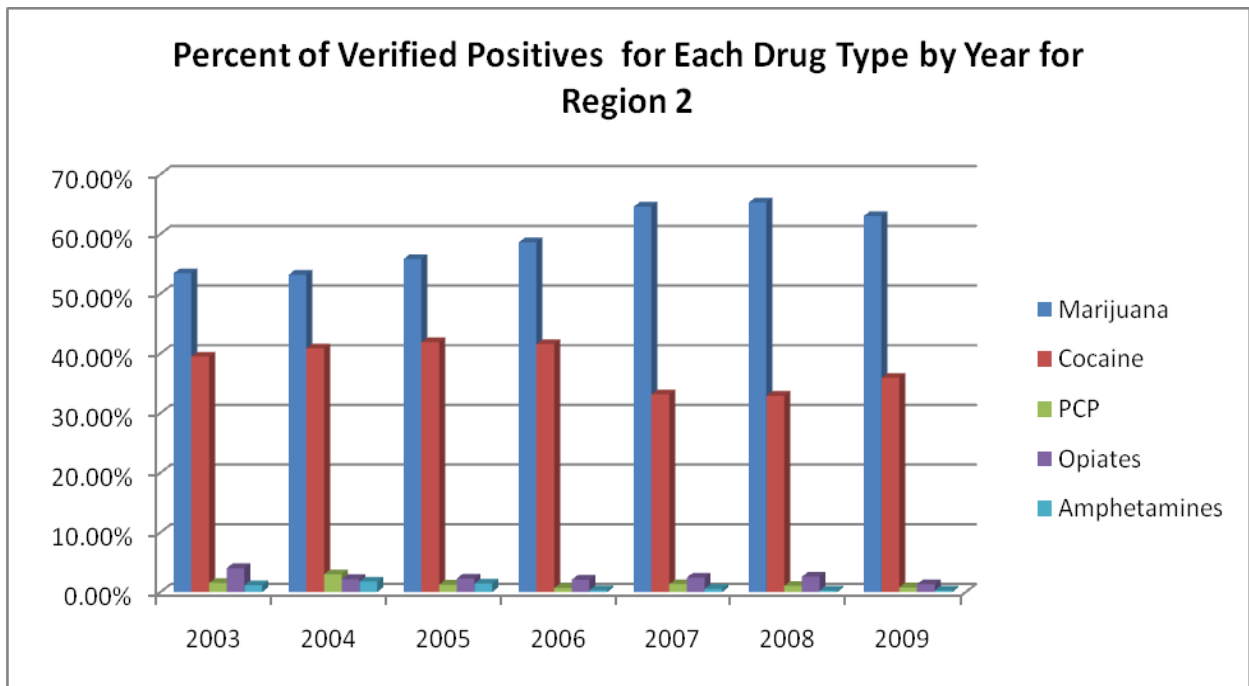


Figure 38. Percent of Verified Positives for Each Drug Type by Year for Region 3

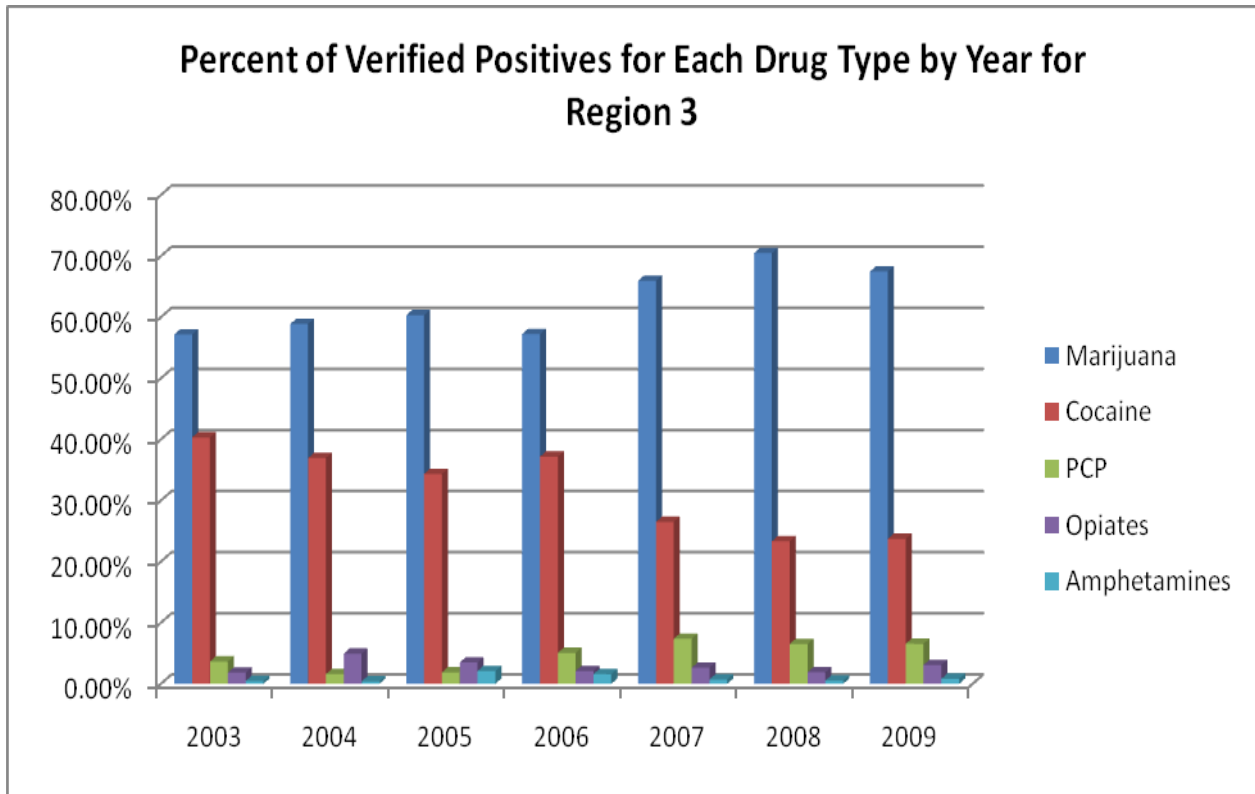


Figure 39. Percent of Verified Positives for Each Drug Type by Year for Region 4

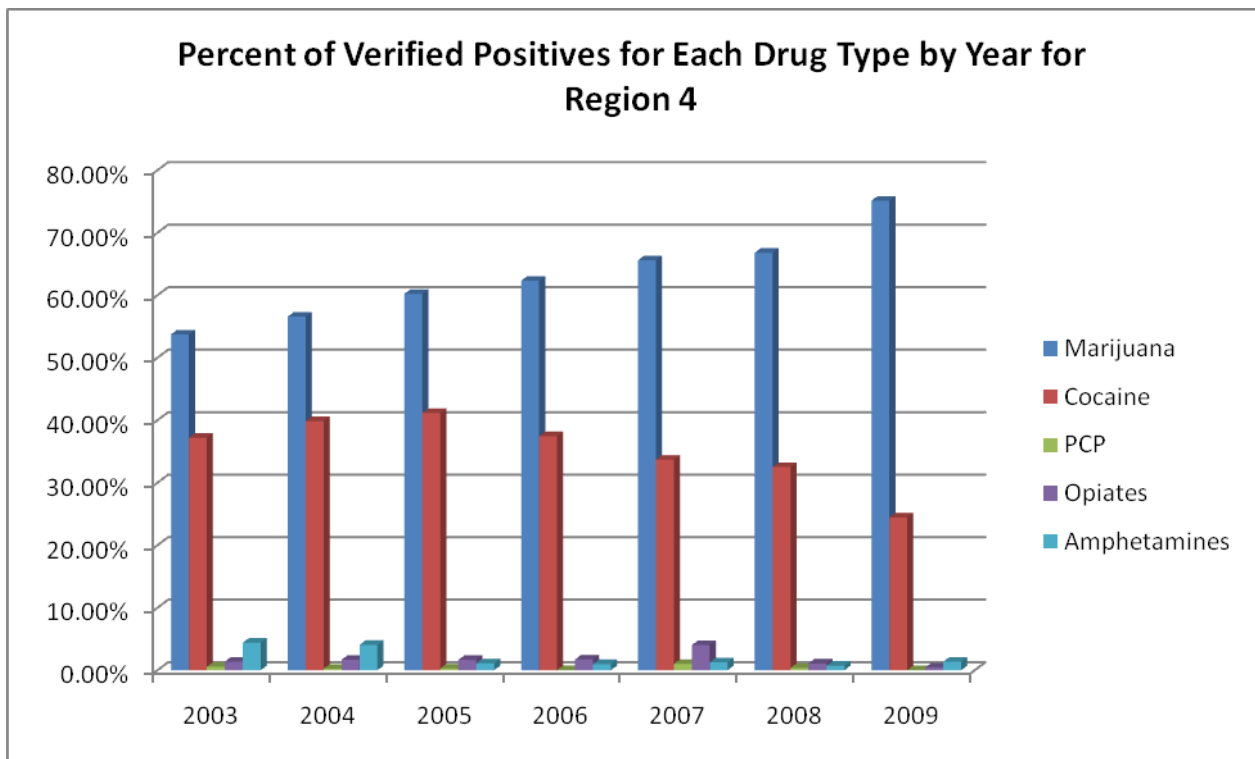


Figure 40. Percent of Verified Positives for Each Drug Type by Year for Region 5

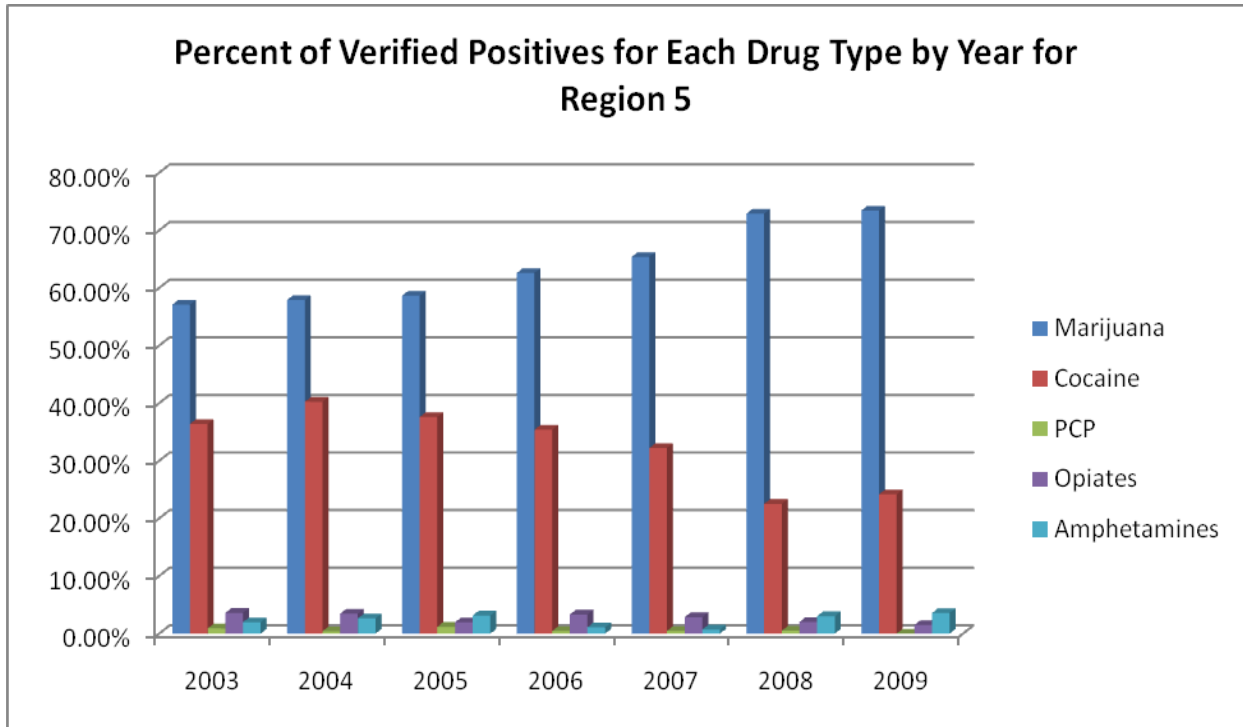


Figure 41. Percent of Verified Positives for Each Drug Type by Year for Region 6

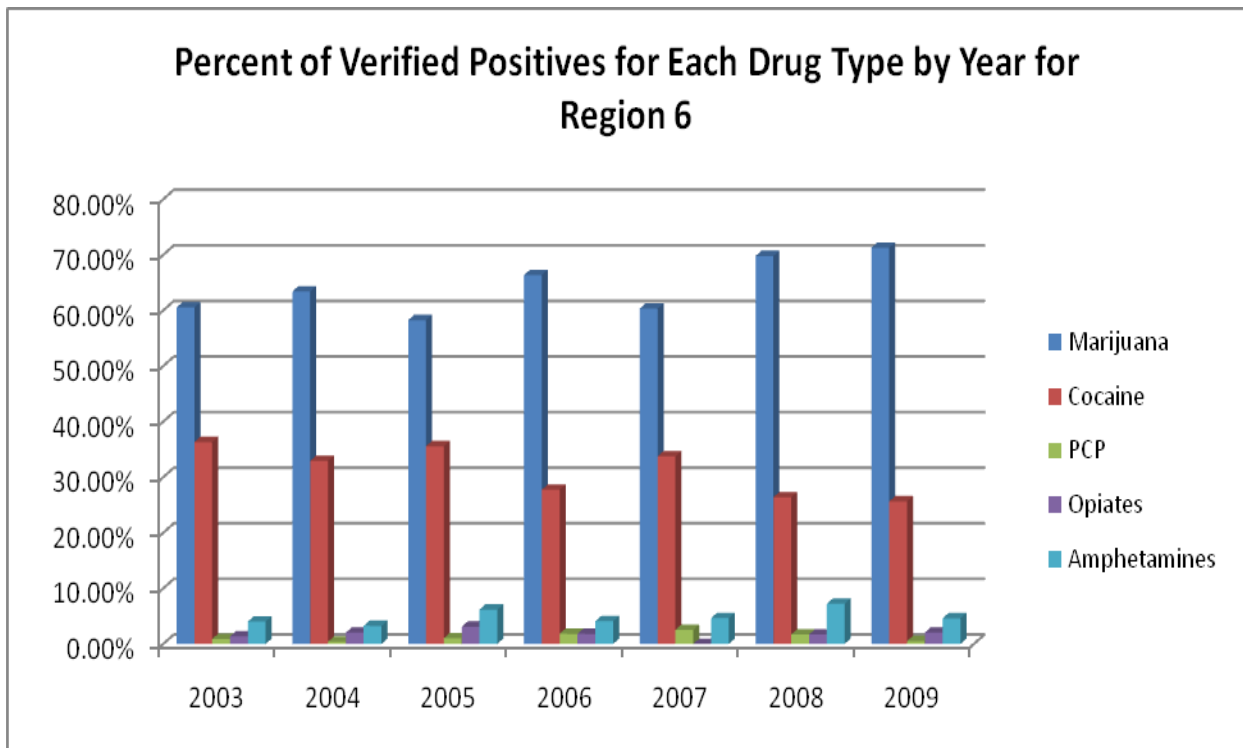


Figure 42. Percent of Verified Positives for Each Drug Type by Year for Region 7

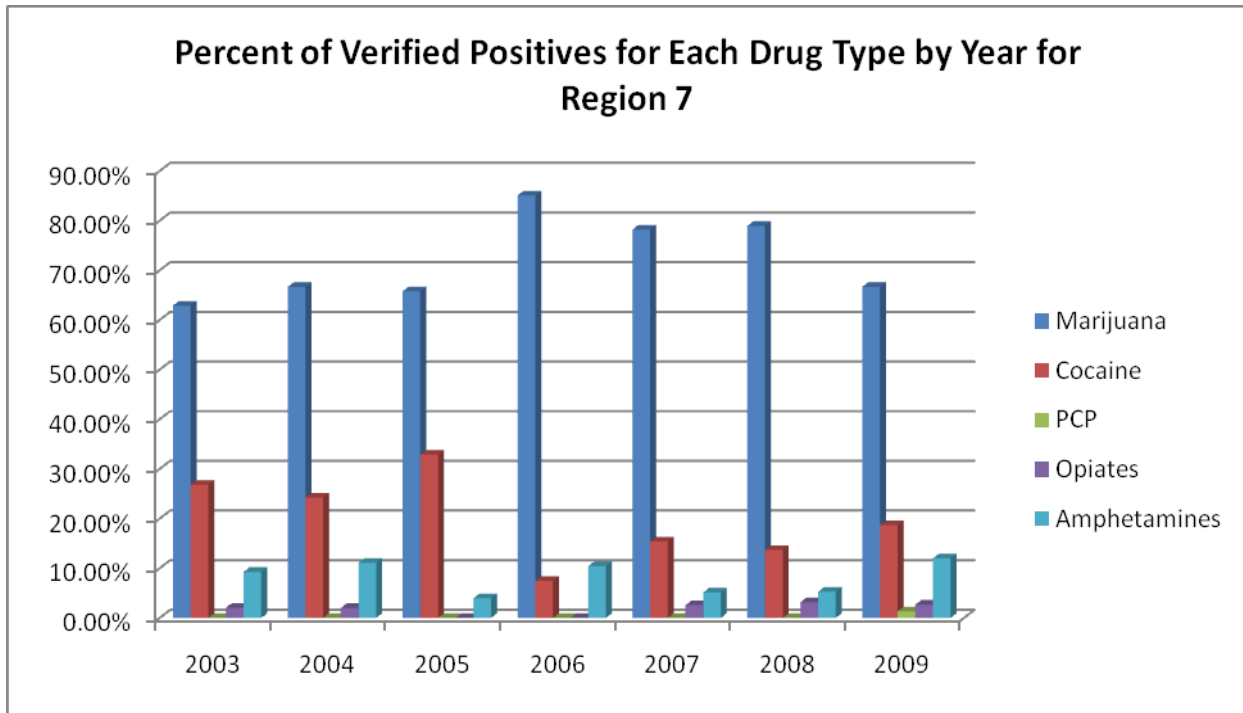


Figure 43. Percent of Verified Positives for Each Drug Type by Year for Region 8

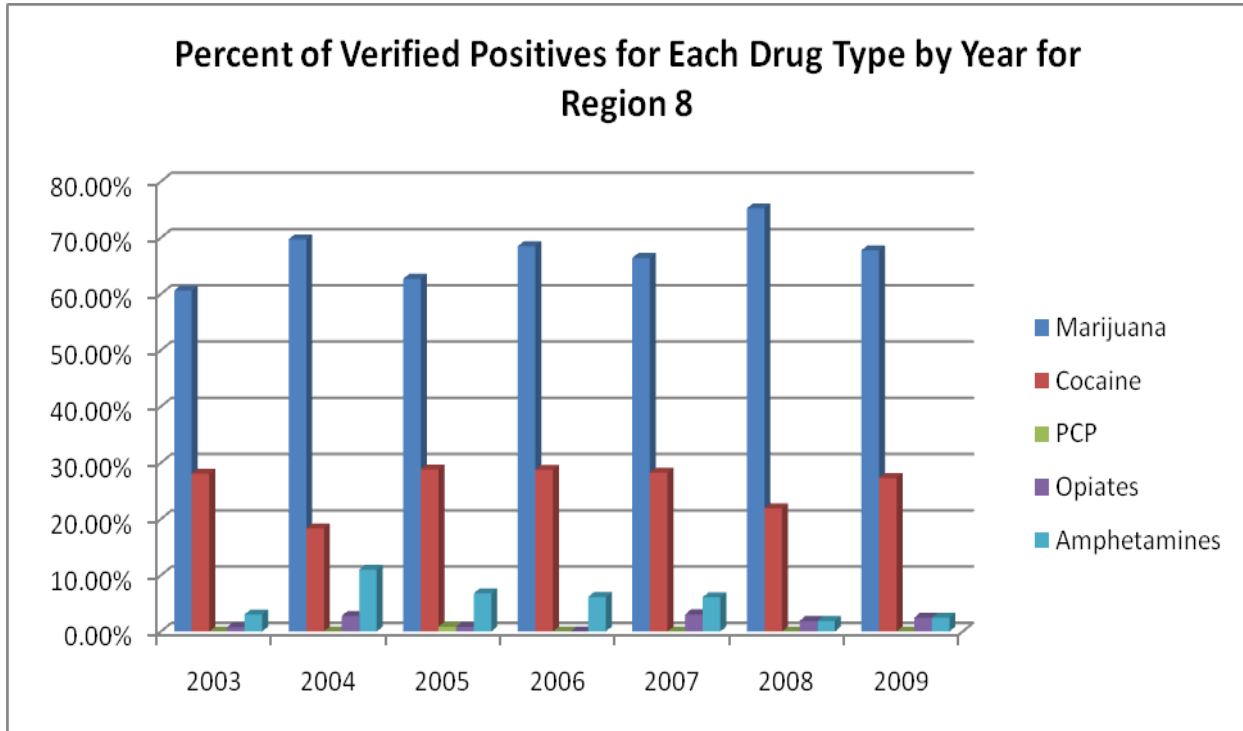


Figure 44. Percent of Verified Positives for Each Drug Type by Year for Region 9

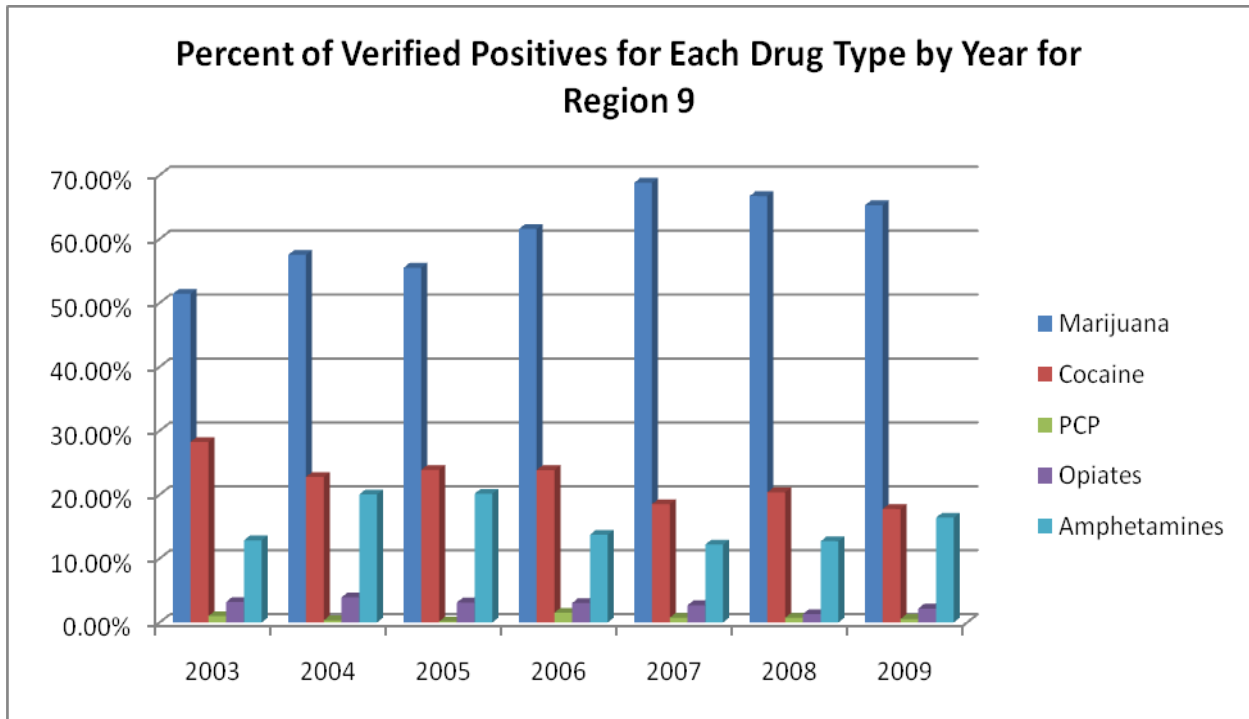
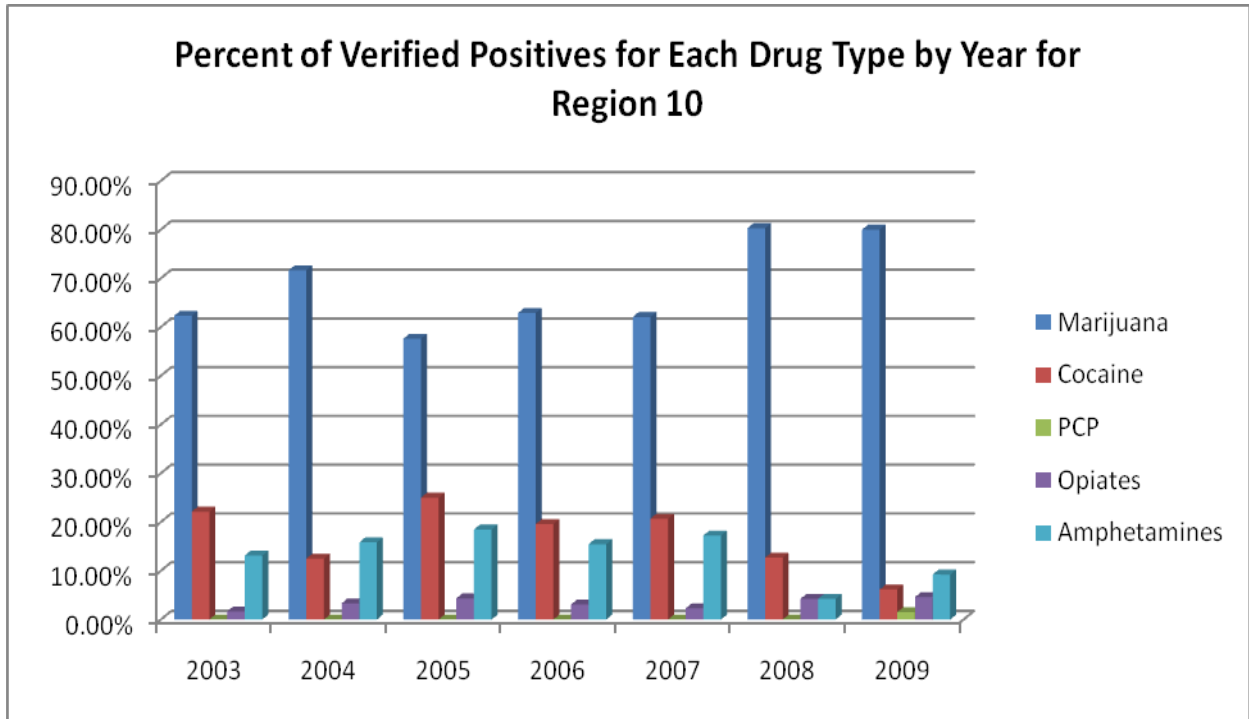


Figure 45. Percent of Verified Positives for Each Drug Type by Year for Region 10



6. Alcohol Test Results

6.1 Alcohol Test Results by Test Type

This section provides alcohol test results by test type conducted for each employee category.

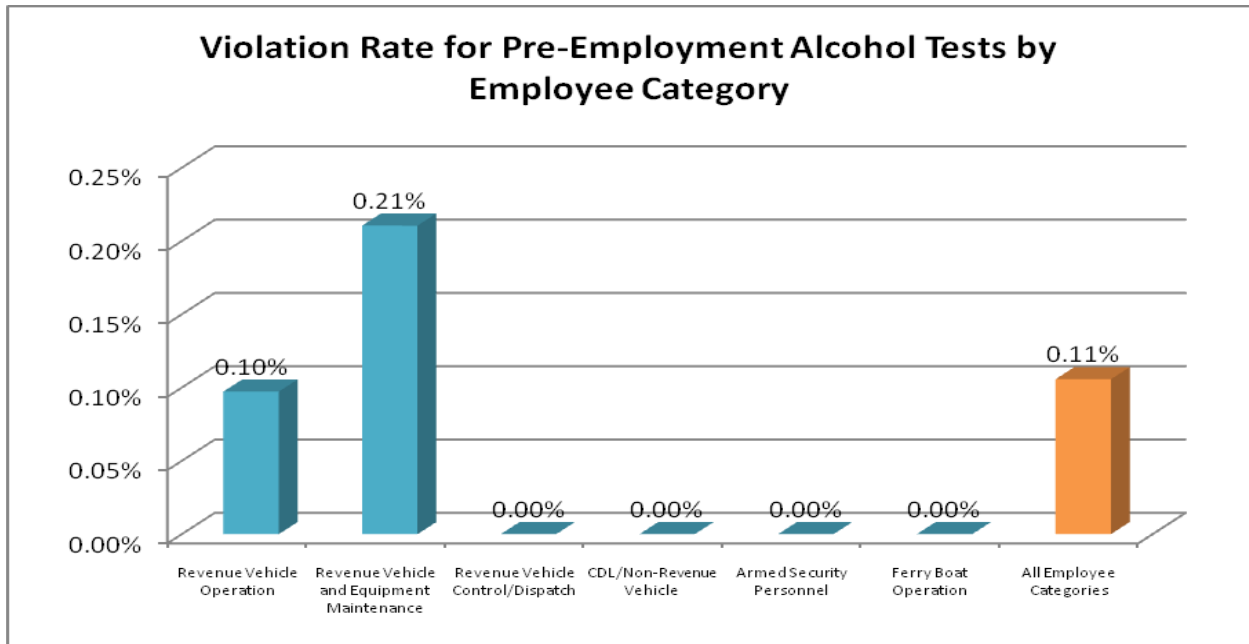
6.1.1 Pre-Employment Alcohol Test Results

Table 38 provides the alcohol test results for pre-employment tests for each employee category. Figure 46 illustrates the violation rate for pre-employment tests for each employee category.

Table 38. Pre-Employment Alcohol Test Results by Employee Category

Employee Category	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	9,251	9,235	15	13	5	8	1	0	2
Revenue Vehicle and Equipment Maintenance	1,425	1,421	4	3	0	3	0	0	1
Revenue Vehicle Control/Dispatch	310	310	0	0	0	0	0	0	0
CDL/Non-Revenue Vehicle	111	111	0	0	0	0	0	0	0
Armed Security Personnel	257	256	1	1	1	0	0	0	0
Ferry Boat Operation	1	1	0	0	0	0	0	0	0
TOTAL	11,355	11,334	20	17	6	11	1	0	3

Figure 46. Violation Rate for Pre-Employment Alcohol Tests



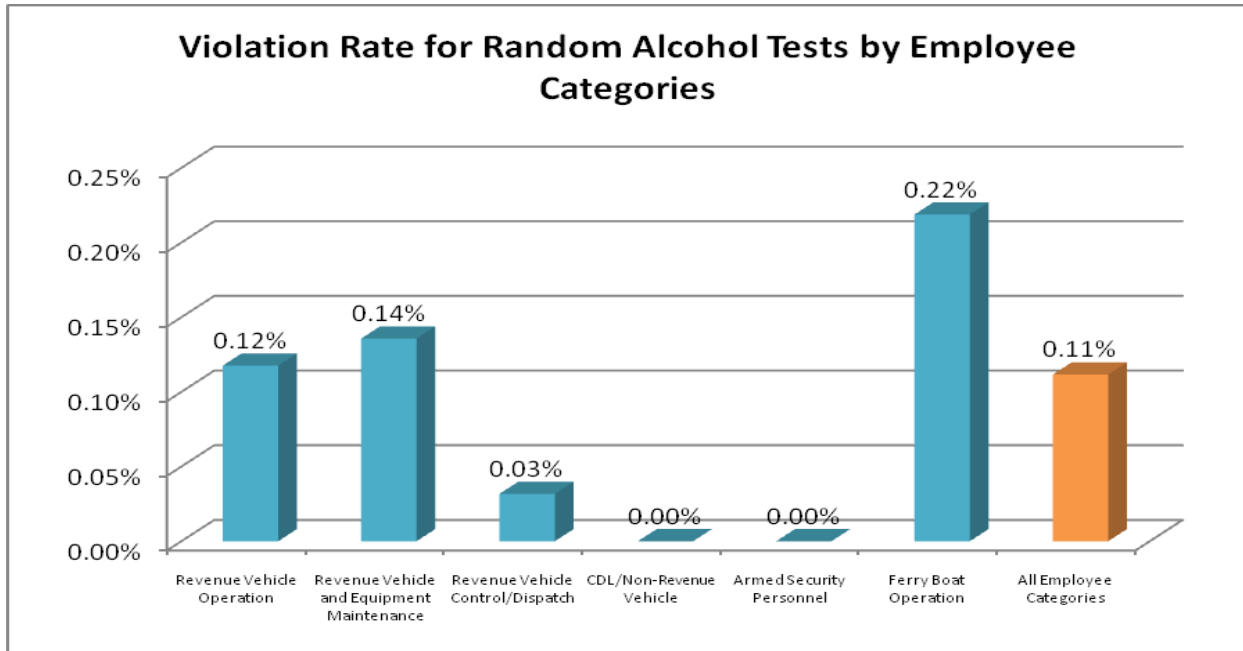
6.1.2 Random Alcohol Test Results

Table 39 gives the alcohol test results for random tests for each employee category. Figure 47 shows the violation rate for random alcohol tests by employee category.

Table 39. Random Alcohol Test Results by Employee Category

Employee Category	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	29,745	29,665	69	51	20	24	2	9	21
Revenue Vehicle and Equipment Maintenance	8,103	8,078	23	20	7	9	1	1	2
Revenue Vehicle Control/Dispatch	3,147	3,138	9	5	3	1	0	0	4
CDL/Non-Revenue Vehicle	741	741	0	0	0	0	0	0	1
Armed Security Personnel	799	799	0	0	0	0	0	0	0
Ferry Boat Operation	457	456	1	1	0	1	0	0	4
TOTAL	42,992	42,877	102	77	30	35	3	10	32

Figure 47. Violation Rate for Random Alcohol Tests by Employee Category



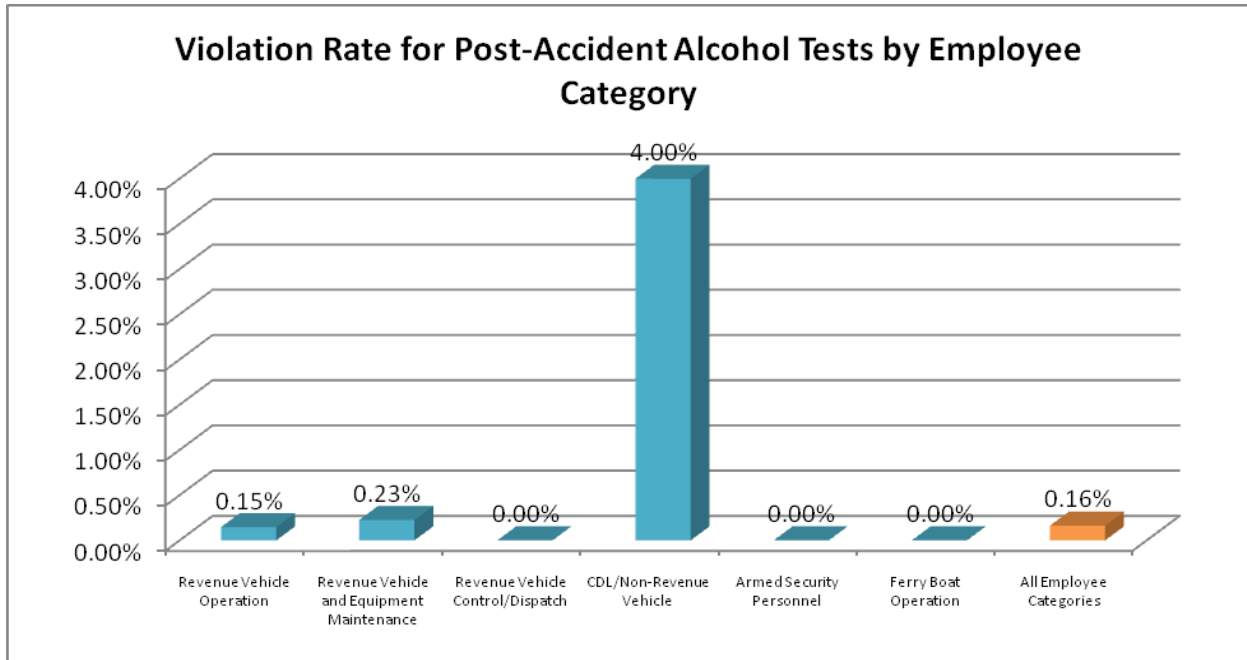
6.1.3 Post-Accident Alcohol Test Results

Table 40 provides post-accident alcohol test results by employee category. Figure 48 illustrates the violation rate for post-accident alcohol tests for each employee category.

Table 40. Post-Accident Alcohol Test Results by Employee Category

Employee Category	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	11,638	11,602	27	13	4	8	1	8	9
Revenue Vehicle and Equipment Maintenance	443	442	1	1	0	1	0	0	0
Revenue Vehicle Control/Dispatch	82	82	0	0	0	0	0	0	0
CDL/Non-Revenue Vehicle	50	48	1	1	0	1	1	0	0
Armed Security Personnel	70	69	1	1	1	0	0	0	0
Ferry Boat Operation	39	39	0	0	0	0	0	0	0
TOTAL	12,322	12,282	30	16	5	10	2	8	9

Figure 48. Violation Rate for Post-Accident Alcohol Test Results by Employee Category



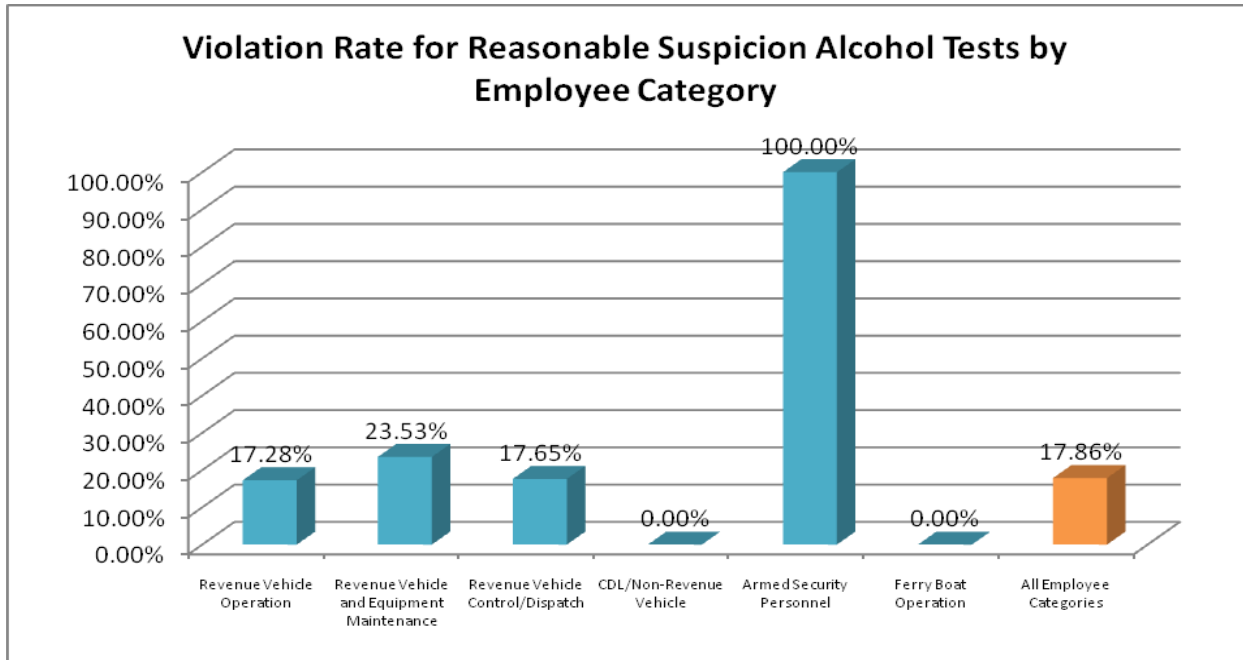
6.1.4 Reasonable Suspicion Alcohol Test Results

Table 41 provides alcohol test results for reasonable suspicion tests for each employee category. Figure 49 illustrates the violation rate for reasonable suspicion alcohol tests for each employee category.

Table 41. Reasonable Suspicion Alcohol Test Results by Employee Category

Employee Category	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	382	284	87	75	14	55	0	11	0
Revenue Vehicle and Equipment Maintenance	51	30	20	15	3	11	0	1	0
Revenue Vehicle Control/Dispatch	17	11	4	2	1	1	0	2	1
CDL/Non-Revenue Vehicle	8	8	0	0	0	0	0	0	0
Armed Security Personnel	1	0	1	1	0	1	0	0	0
Ferry Boat Operation	0	0	0	0	0	0	0	0	0
TOTAL	459	333	112	93	18	68	0	14	1

Figure 49. Violation Rate for Reasonable Suspicion Alcohol Test Results by Employee Category



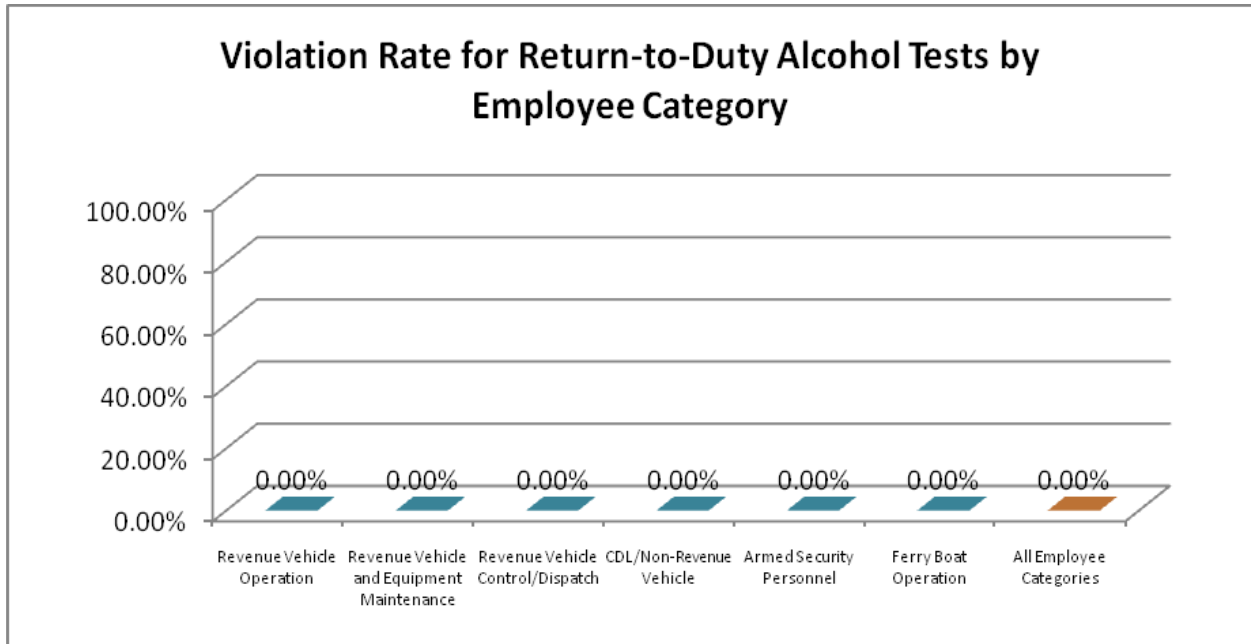
6.1.5 Return-to-Duty Alcohol Test Results

Table 42 gives the return-to-duty alcohol test results by employee category. Figure 50 shows the violation rate for return-to-duty alcohol test results for each employee category.

Table 42. Return-to-Duty Alcohol Test Results by Employee Category

Employee Category	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	264	263	1	0	0	0	0	0	5
Revenue Vehicle and Equipment Maintenance	116	116	0	0	0	0	0	0	0
Revenue Vehicle Control/Dispatch	25	25	0	0	0	0	0	0	0
CDL/Non-Revenue Vehicle	10	10	0	0	0	0	0	0	0
Armed Security Personnel	1	1	0	0	0	0	0	0	0
Ferry Boat Operation	2	2	0	0	0	0	0	0	0
TOTAL	418	417	1	0	0	0	0	0	5

Figure 50. Violation Rate for Return-to-Duty Alcohol Test Results by Employee Category



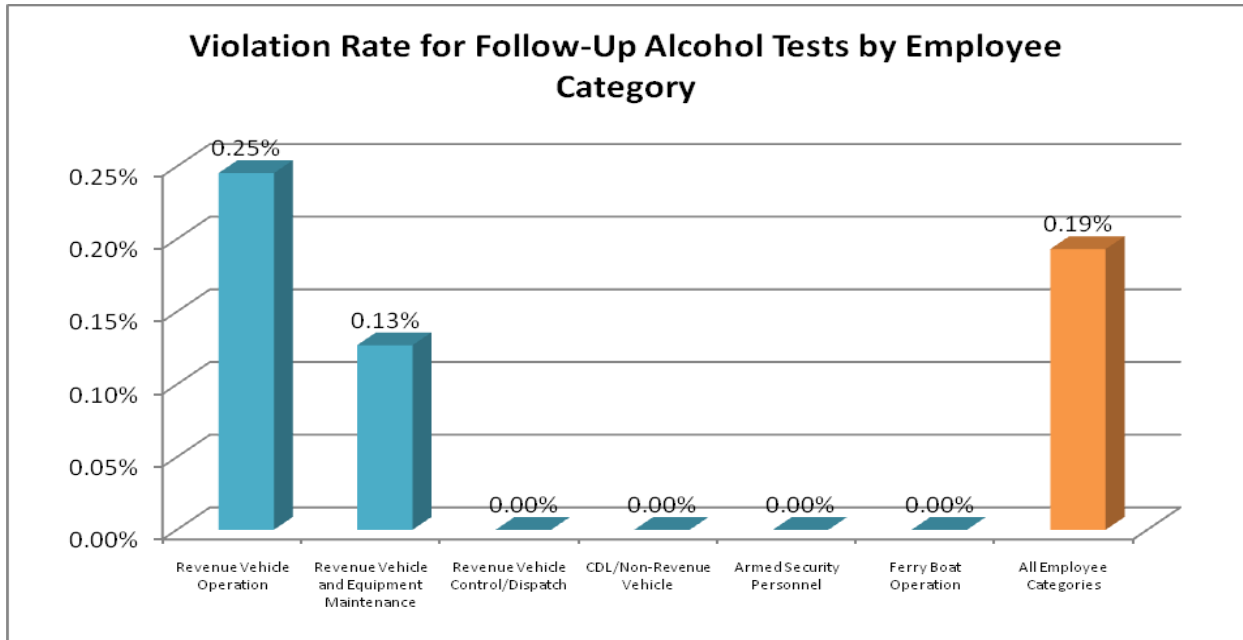
6.1.6 Follow-Up Alcohol Test Results

Table 43 provides follow-up alcohol test results for each employee category. Figure 51 shows the violation rate for follow-up alcohol tests by employee category.

Table 43. Follow-Up Alcohol Test Results by Employee Category

Employee Category	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	3,260	6,242	17	17	8	7	0	1	0
Revenue Vehicle and Equipment Maintenance	1,575	1,570	5	5	3	2	0	0	0
Revenue Vehicle Control/Dispatch	228	228	0	0	0	0	0	0	0
CDL/Non-Revenue Vehicle	87	86	1	1	1	0	0	0	0
Armed Security Personnel	24	24	0	0	0	0	0	0	0
Ferry Boat Operation	4	4	0	0	0	0	0	0	0
TOTAL	5,178	5,154	23	23	12	9	0	1	0

Figure 51. Violation Rate for Follow-Up Alcohol Test Results by Employee Category



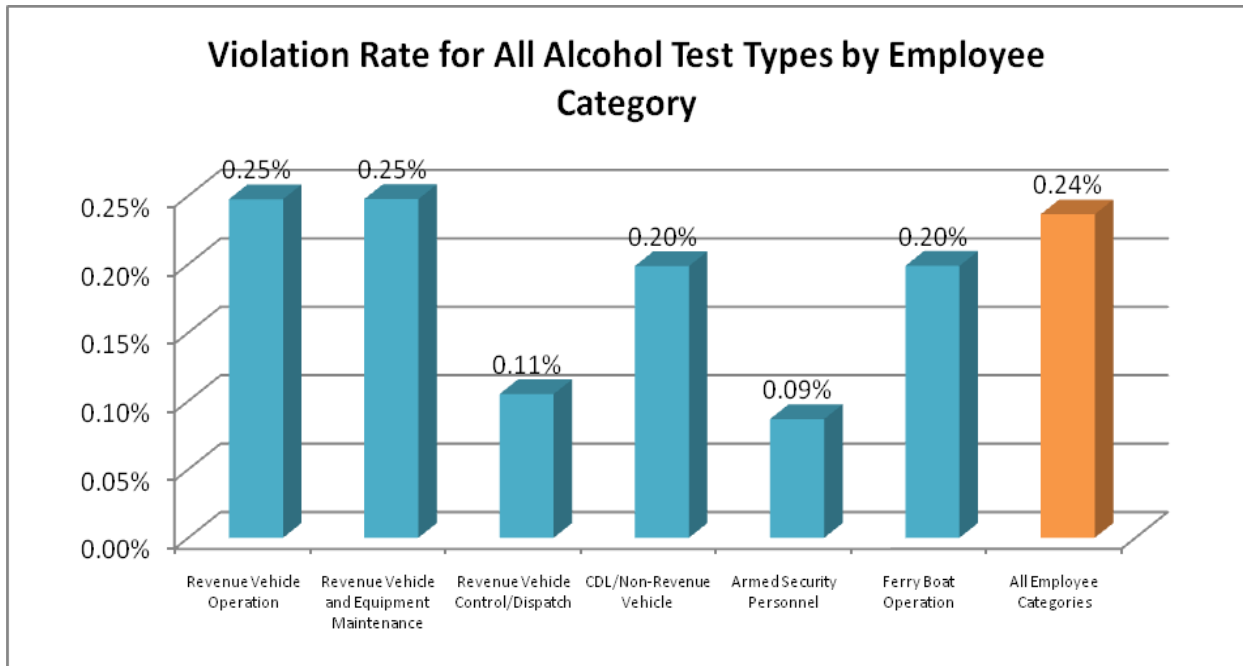
6.1.7 Alcohol Test Results for All Test Types by Employee Category

Table 44 provides alcohol test results for all test types by employee category. Figure 52 illustrates the violation rate for all test types by employee category.

Table 44. Alcohol Test Results for all Test Types by Employee Category

Employee Category	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							“Shy Lung” With no Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	54,540	54,291	216	169	51	102	4	29	37
Revenue Vehicle and Equipment Maintenance	11,713	11,657	53	44	13	26	1	2	3
Revenue Vehicle Control/Dispatch	3,809	3,794	13	7	4	2	0	2	5
CDL/Non-Revenue Vehicle	1,007	1,004	2	2	1	1	1	0	1
Armed Security Personnel	1,152	1,149	3	3	2	1	0	0	0
Ferry Boat Operation	503	502	1	1	0	1	0	0	4
TOTAL	72,724	72,397	288	226	71	133	6	33	50

Figure 52. Violation Rate for Alcohol Tests for all Test Types by Employee Category



6.2 Alcohol Results by Employee Category

This section provides data on alcohol test results for each employee category

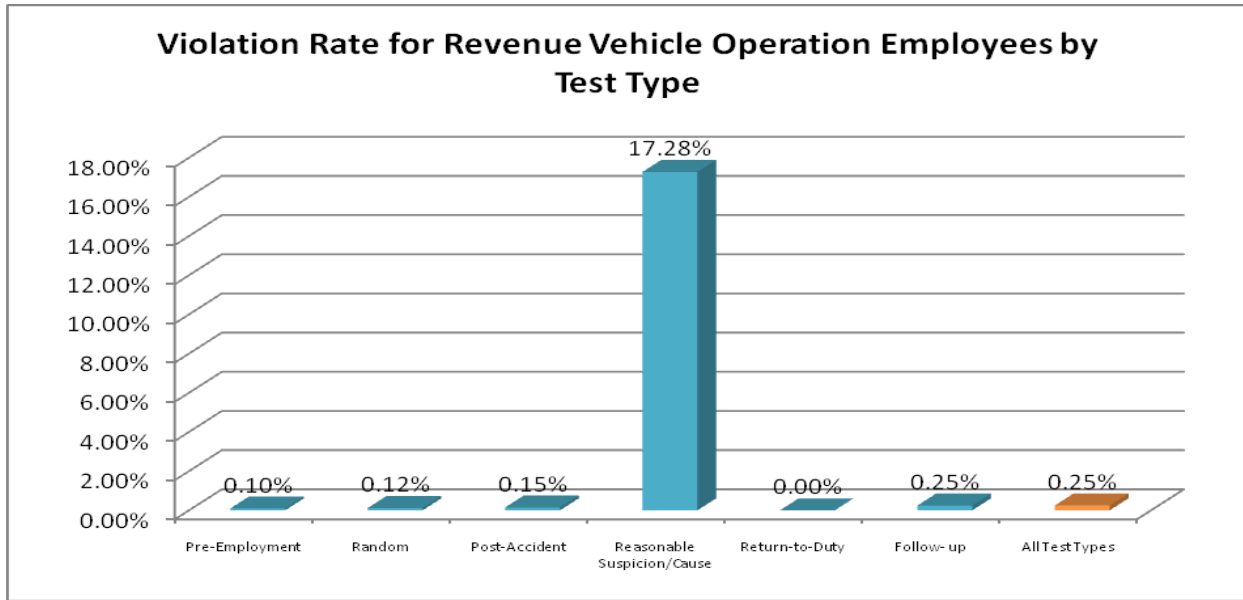
6.2.1 Revenue Vehicle Operation Alcohol Test Results

Table 45 provides alcohol test results for revenue vehicle operation by test type. Figure 53 illustrates the violation rate for alcohol tests for revenue vehicle operation by test type.

Table 45. Alcohol Results for Revenue Vehicle Operation by Test Type

Type of Test	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	9,251	9,235	15	13	5	8	1	0	2
Random	29,745	29,665	69	51	20	24	2	9	21
Post-Accident	11,638	11,602	27	13	4	8	1	8	9
Reasonable Suspicion/Cause	382	284	87	75	14	55	0	11	0
Return-to-Duty	264	263	1	0	0	0	0	0	5
Follow-up	3,260	3,242	17	17	8	7	0	1	0
TOTAL	54,540	54,291	216	169	51	102	4	29	37

Figure 53. Violation Rate for Alcohol Tests for Revenue Vehicle Operation by Test Type



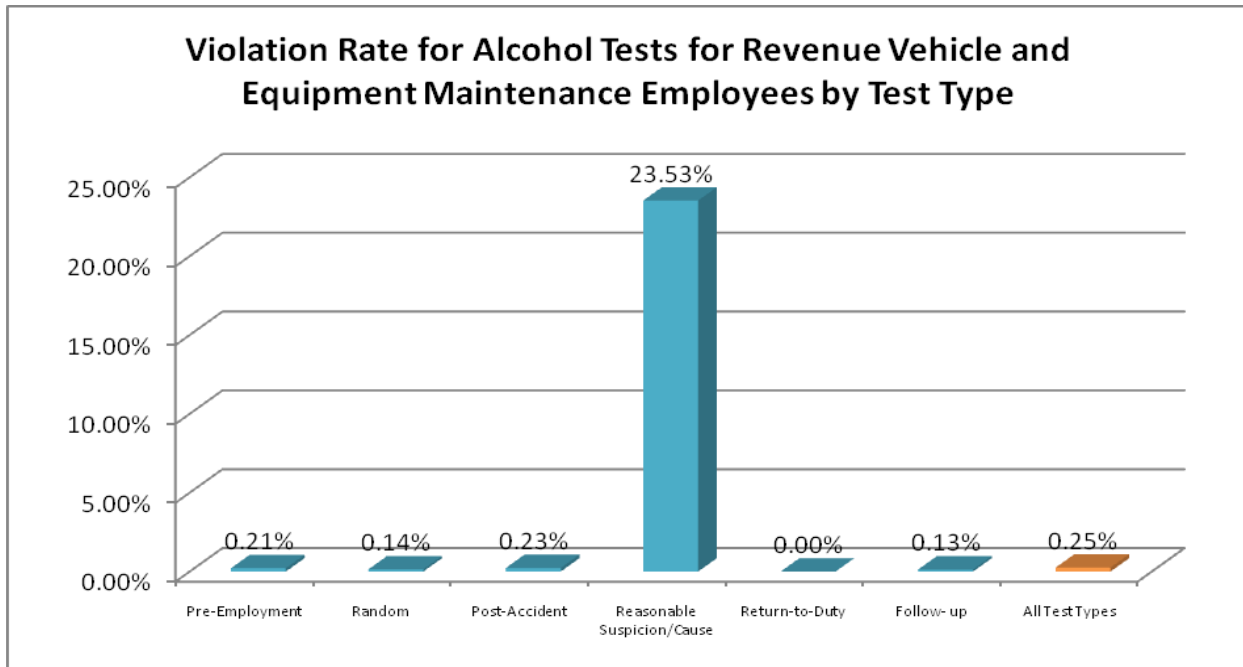
6.2.2 Revenue Vehicle and Equipment Maintenance Alcohol Test Results

Table 46 gives the results of alcohol tests for revenue vehicle and equipment maintenance by test type. Figure 54 shows the violation rate for alcohol tests for revenue vehicle and equipment maintenance by test type.

Table 46. Alcohol Results for Revenue Vehicle and Equipment Maintenance by Test Type

Type of Test	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							“Shy Lung” With no Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	1,425	1,421	4	3	0	3	0	0	1
Random	8,103	8,078	23	20	7	9	1	1	2
Post-Accident	443	442	1	1	0	1	0	0	0
Reasonable Suspicion/Cause	51	30	20	15	3	11	0	1	0
Return-to-Duty	116	116	0	0	0	0	0	0	0
Follow-up	1,575	1,570	5	5	3	2	0	0	0
TOTAL	11,713	11,657	53	44	13	26	1	2	3

Figure 54. Violation Rate for Alcohol Tests for Revenue Vehicle and Equipment Maintenance by Test Type



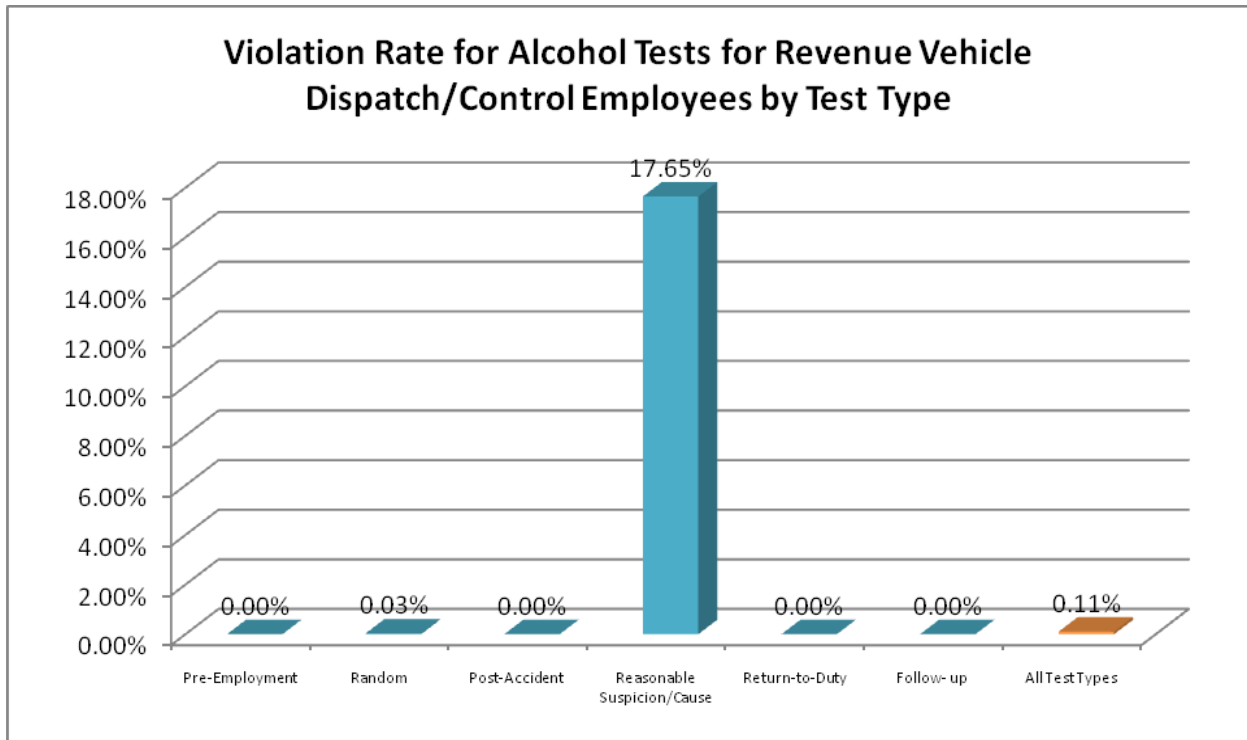
6.2.3 Revenue Vehicle Dispatch/Control Alcohol Test Results

Table 47 provides the results of alcohol tests for revenue vehicle dispatch and control by test type. Figure 55 illustrates the violation rate for alcohol tests for revenue vehicle dispatch and control by test type.

Table 47. Alcohol Results for Revenue Vehicle Dispatch/Control by Test Type

Type of Test	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	310	310	0	0	0	0	0	0	0
Random	3,147	3,138	9	5	3	1	0	0	4
Post-Accident	82	82	0	0	0	0	0	0	0
Reasonable Suspicion/Cause	17	11	4	2	1	1	0	2	1
Return-to-Duty	25	25	0	0	0	0	0	0	0
Follow-up	228	228	0	0	0	0	0	0	0
TOTAL	3,809	3,794	13	7	4	2	0	2	5

Figure 55. Violation Rate for Alcohol Tests for Revenue Vehicle Dispatch/Control by Test Type



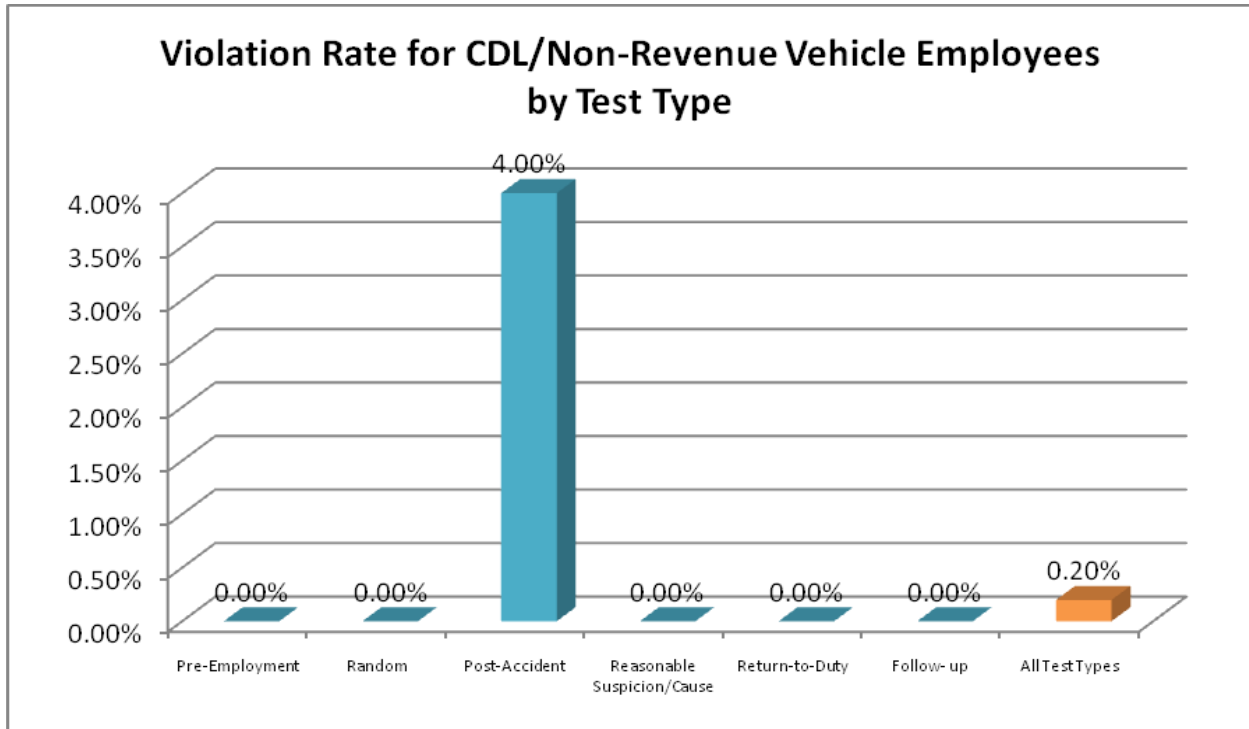
6.2.4 CDL/Non-Revenue Vehicle Alcohol Test Results

Table 48 provides the results for CDL/Non-Revenue vehicle alcohol tests by test type. Figure 56 shows the violation rate for alcohol tests for CDL/Non-Revenue vehicles by test type.

Table 48. Alcohol Results for CDL/Non-Revenue Vehicles by Test Type

Type of Test	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	111	111	0	0	0	0	0	0	0
Random	741	741	0	0	0	0	0	0	1
Post-Accident	50	48	1	1	0	1	1	0	0
Reasonable Suspicion/Cause	8	8	0	0	0	0	0	0	0
Return-to-Duty	10	10	0	0	0	0	0	0	0
Follow-up	87	86	1	1	1	0	0	0	0
TOTAL	1,007	1,004	2	2	1	1	1	0	1

Figure 56. Violation Rate for Alcohol Tests for CDL/Non-Revenue Vehicles by Test Type



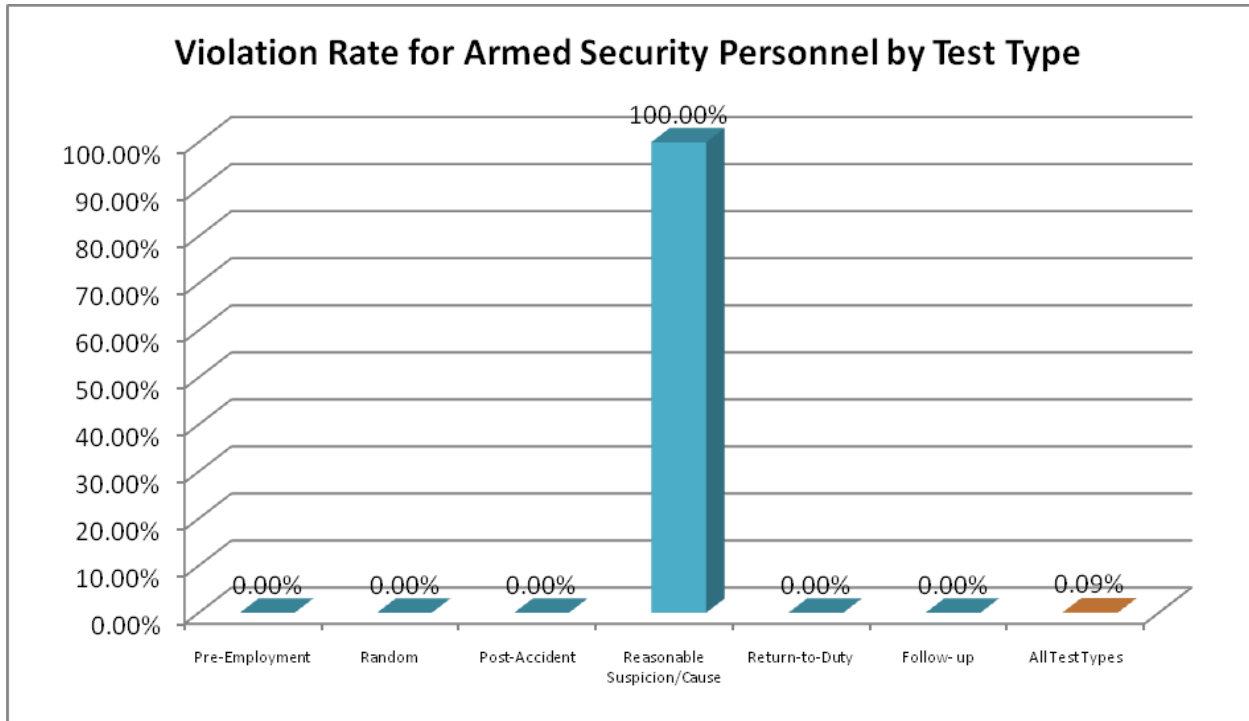
6.2.5 Armed Security Personnel Alcohol Test Results

Table 49 gives the results for alcohol tests for armed security personnel by test type. Figure 57 shows the violation rate for alcohol tests for armed security personnel by test type.

Table 49. Alcohol Results for Armed Security Personnel by Test Type

Type of Test	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	257	256	1	1	1	0	0	0	0
Random	799	799	0	0	0	0	0	0	0
Post-Accident	70	69	1	1	1	0	0	0	0
Reasonable Suspicion/Cause	1	0	1	1	0	1	0	0	0
Return-to-Duty	1	1	0	0	0	0	0	0	0
Follow-up	24	24	0	0	0	0	0	0	0
TOTAL	1,152	1,149	3	3	2	1	0	0	0

Figure 57. Violation Rate for Alcohol Tests for Armed Security Personnel by Test Type



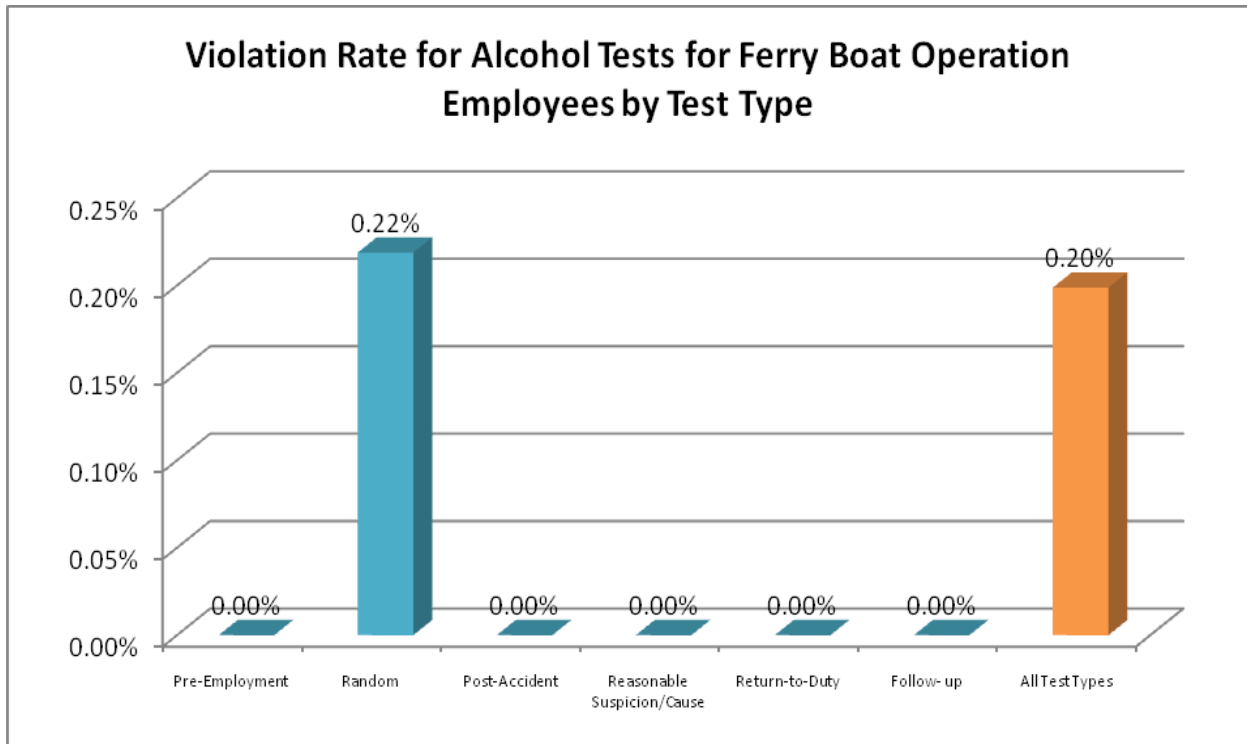
6.2.6 Ferry Boat Operation Alcohol Test Results

Table 50 provides the results for alcohol tests for ferry boat operation by test type. Figure 58 illustrates the violation rate for alcohol tests for ferry boat operation.

Table 50. Alcohol Results for Ferry Boat Operation by Test Type

Type of Test	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							“Shy Lung” With no Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	1	1	0	0	0	0	0	0	0
Random	457	456	1	1	0	1	0	0	4
Post-Accident	39	39	0	0	0	0	0	0	0
Reasonable Suspicion/Cause	0	0	0	0	0	0	0	0	0
Return-to-Duty	2	2	0	0	0	0	0	0	0
Follow-up	4	4	0	0	0	0	0	0	0
TOTAL	503	502	1	1	0	1	0	0	4

Figure 58. Violation Rate for Alcohol Tests for Ferry Boat Operation by Test Type



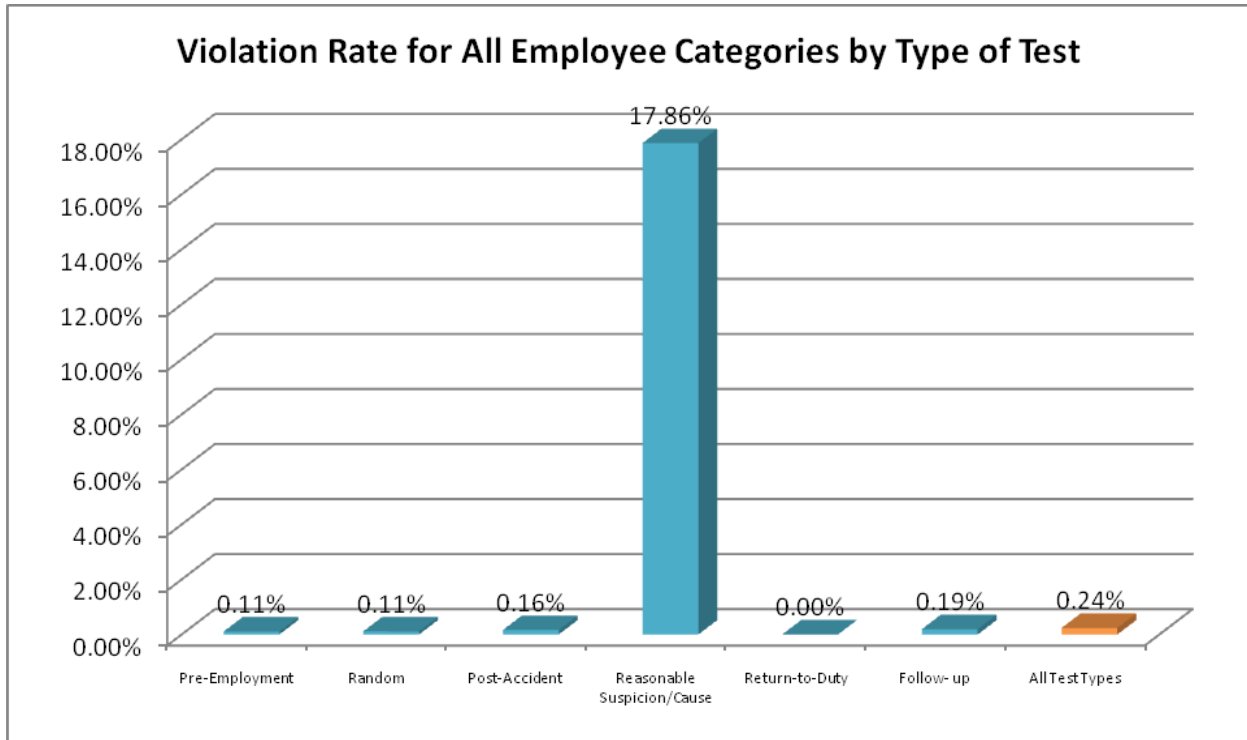
6.2.7 Alcohol Test Results for All Employee Categories by Test Type

Table 51 provides alcohol test results by test type for all employee categories. Figure 59 illustrates the violation rate for all employee categories by test type.

Table 51. Alcohol Test Results by Test Type for All Employee Categories

Test Type	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	11,355	11,334	20	17	6	11	1	0	3
Random	42,992	42,877	102	77	30	35	3	10	32
Post-Accident	12,322	12,282	30	16	5	10	2	8	9
Reasonable Suspicion/Cause	459	333	112	93	18	68	0	14	1
Return-to-Duty	418	417	1	0	0	0	0	0	5
Follow-up	5,178	5,154	23	23	12	9	0	1	0
TOTAL	72,724	72,397	288	226	71	133	6	33	50

Figure 59. Violation Rate for Alcohol Tests by Test Type for All Employee Categories



6.3 Alcohol Test Results by Region

6.3.1 Alcohol Test Results for All Employee Categories by Test Type

This section provides alcohol test results for all employee categories within each FTA region, by test type. Tables 52 through 61 provide alcohol test results for all employee categories by test type for FTA Regions 1 through 10. Figure 60 illustrates the violation rate for random alcohol tests by region.

Table 52. Alcohol Test Results for all Employee Categories by Test Type for Region 1

Type of Test	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	93	93	0	0	0	0	0	0	0
Random	1,495	1,491	4	3	1	2	0	0	3
Post-Accident	508	506	2	2	0	2	0	0	0
Reasonable Suspicion/Cause	18	14	4	3	1	2	0	0	0
Return-to-Duty	14	14	0	0	0	0	0	0	0
Follow- up	278	274	4	4	3	1	0	0	0
TOTAL	2,406	2,392	14	12	5	7	0	0	3

Table 53. Alcohol Test Results for all Employee Categories by Test Type for Region 2

Type of Test	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	1,140	1,138	2	2	0	2	0	0	0
Random	10,505	10,479	22	22	8	12	1	3	5
Post-Accident	2,300	2,293	4	3	0	2	1	2	0
Reasonable Suspicion/Cause	62	45	14	9	2	7	0	3	0
Return-to-Duty	64	64	0	0	0	0	0	0	0
Follow- up	1,229	1,222	7	7	4	2	0	0	0
TOTAL	15,300	15,241	49	43	14	25	2	8	5

Table 54. Alcohol Test Results for all Employee Categories by Test Type for Region 3

Type of Test	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	3,443	3,431	12	12	6	6	0	0	0
Random	6,268	6,251	16	15	7	3	1	0	2
Post-Accident	1,542	1,539	3	2	2	0	0	0	0
Reasonable Suspicion/Cause	74	52	19	16	5	11	0	3	0
Return-to-Duty	97	97	0	0	0	0	0	0	0
Follow- up	1,141	1,133	7	7	2	4	0	1	0
TOTAL	12,565	12,503	57	52	22	24	1	4	2

Table 55. Alcohol Test Results for all Employee Categories by Test Type for Region 4

Type of Test	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	1,057	1,054	3	1	0	1	0	0	0
Random	5,082	5,075	5	4	2	2	1	1	0
Post-Accident	1,613	1,611	0	0	0	0	0	2	1
Reasonable Suspicion/Cause	61	45	13	7	1	5	0	3	1
Return-to-Duty	47	47	0	0	0	0	0	0	5
Follow- up	88	87	1	1	1	0	0	0	0
TOTAL	79,48	7,919	22	13	4	8	1	6	7

Table 56. Alcohol Test Results for all Employee Categories by Test Type for Region 5

Type of Test	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	2,634	2,633	1	0	0	0	0	0	0
Random	5,628	5,597	29	10	4	6	0	2	10
Post-Accident	2,042	2,028	14	4	1	3	0	0	1
Reasonable Suspicion/Cause	80	55	24	24	2	19	0	1	0
Return-to-Duty	70	69	1	0	0	0	0	0	0
Follow- up	670	668	2	2	1	1	0	0	0
TOTAL	11,124	11,050	71	40	8	29	0	3	11

Table 57. Alcohol Test Results for all Employee Categories by Test Type for Region 6

Type of Test	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	839	839	0	0	0	0	0	0	0
Random	2,778	2,772	5	4	1	1	0	1	0
Post-Accident	841	839	2	1	0	1	0	0	0
Reasonable Suspicion/Cause	26	18	6	5	2	3	0	2	0
Return-to-Duty	14	14	0	0	0	0	0	0	0
Follow- up	73	73	0	0	0	0	0	0	0
TOTAL	4,571	4,555	13	10	3	5	0	3	0

Table 58. Alcohol Test Results for all Employee Categories by Test Type for Region 7

Type of Test	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	311	311	0	0	0	0	0	0	0
Random	1,255	1,252	3	2	1	1	0	0	0
Post-Accident	341	340	1	1	1	0	0	0	1
Reasonable Suspicion/Cause	13	10	3	3	1	2	0	0	0
Return-to-Duty	1	1	0	0	0	0	0	0	0
Follow- up	64	64	0	0	0	0	0	0	0
TOTAL	1,985	1,978	7	6	3	3	0	0	1

Table 59. Alcohol Test Results for all Employee Categories by Test Type for Region 8

Type of Test	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	140	138	1	1	0	1	1	0	0
Random	1,637	1,633	4	4	1	2	0	0	6
Post-Accident	312	310	1	0	0	0	0	1	1
Reasonable Suspicion/Cause	21	17	4	3	0	3	0	0	0
Return-to-Duty	19	19	0	0	0	0	0	0	0
Follow- up	334	333	1	1	0	1	0	0	0
TOTAL	2,463	2,450	11	9	1	7	1	1	7

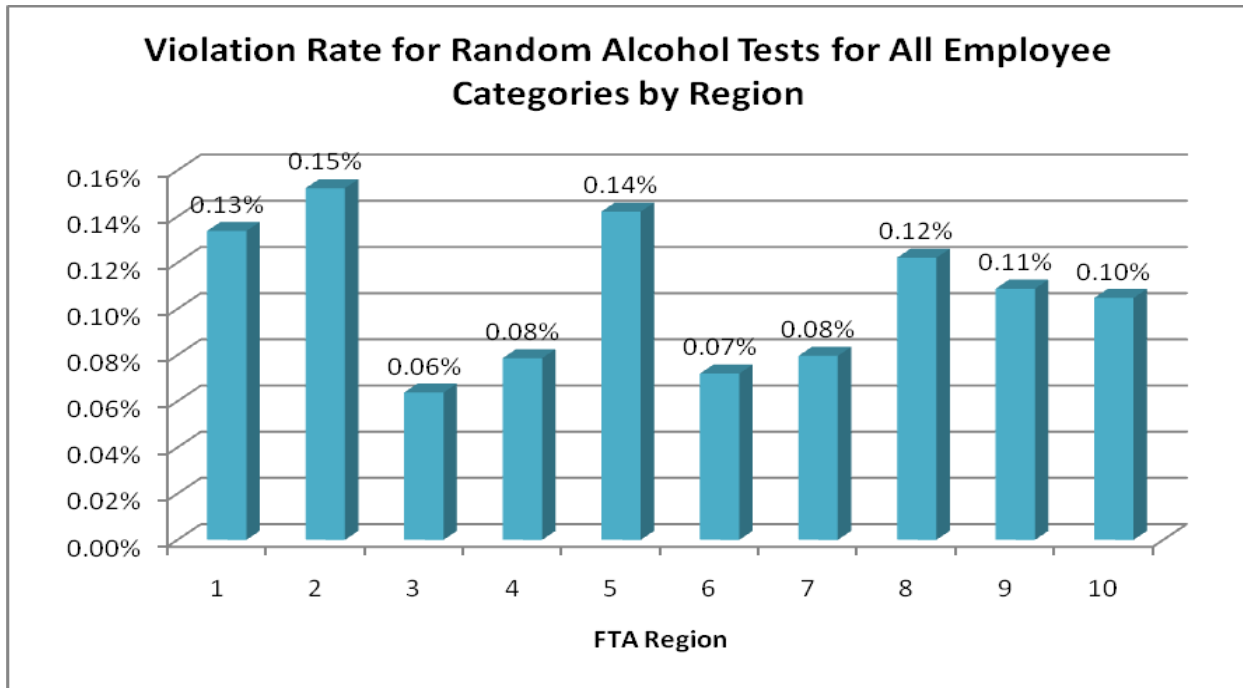
Table 60. Alcohol Test Results for all Employee Categories by Test Type for Region 9

Type of Test	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	1,574	1,573	1	1	0	1	0	0	3
Random	6,435	6,422	11	10	3	5	0	2	5
Post-Accident	2,253	2,247	3	3	1	2	0	3	5
Reasonable Suspicion/Cause	72	52	18	17	3	12	0	2	0
Return-to-Duty	82	82	0	0	0	0	0	0	0
Follow- up	1,169	1,169	0	0	0	0	0	0	0
TOTAL	11,585	11,545	33	31	7	20	0	7	13

Table 61. Alcohol Test Results for all Employee Categories by Test Type for Region 10

Type of Test	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Pre-Employment	124	124	0	0	0	0	0	0	0
Random	1,909	1,905	3	3	2	1	0	1	1
Post-Accident	570	569	0	0	0	0	1	0	0
Reasonable Suspicion/Cause	32	25	7	6	1	4	0	0	0
Return-to-Duty	10	10	0	0	0	0	0	0	0
Follow- up	132	131	1	1	1	0	0	0	0
TOTAL	2,777	2,764	11	10	4	5	1	1	1

Figure 60. Violation Rate for Random Alcohol Tests by Region



6.3.2 Alcohol Test Results for All Test Types by Employee Category

This section provides alcohol test results for all test types within each FTA region, by employee category. Tables 62 through 71 provide alcohol test results for all test types by employee category for Regions 1 through 10.

Table 62. Alcohol Test Results by Employee Category for all Test Types for Region 1

Employee Category	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	1,888	1,875	13	11	5	6	0	0	3
Revenue Vehicle and Equipment Maintenance	341	340	1	1	0	1	0	0	0
Revenue Vehicle Control/Dispatch	125	125	0	0	0	0	0	0	0
CDL/Non-Revenue Vehicle	6	6	0	0	0	0	0	0	0
Armed Security Personnel	36	36	0	0	0	0	0	0	0
Ferry Boat Operation	10	10	0	0	0	0	0	0	0
TOTAL	2,406	2,392	14	12	5	7	0	0	3

Table 63. Alcohol Test Results by Employee Category for all Test Types for Region 2

Employee Category	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	10,097	10,065	24	20	6	12	1	7	0
Revenue Vehicle and Equipment Maintenance	3,420	3,401	17	16	5	10	1	1	1
Revenue Vehicle Control/Dispatch	924	919	5	4	2	1	0	0	0
CDL/Non-Revenue Vehicle	69	67	2	2	1	1	0	0	0
Armed Security Personnel	313	313	0	0	0	0	0	0	0
Ferry Boat Operation	477	476	1	1	0	1	0	0	4
TOTAL	15,300	15,241	49	43	14	25	2	8	5

Table 64. Alcohol Test Results by Employee Category for all Test Types for Region 3

Employee Category	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	9,638	9,591	42	38	17	17	1	4	2
Revenue Vehicle and Equipment Maintenance	1,929	1,917	12	11	3	6	0	0	0
Revenue Vehicle Control/Dispatch	421	420	1	1	1	0	0	0	0
CDL/Non-Revenue Vehicle	278	278	0	0	0	0	0	0	0
Armed Security Personnel	299	297	2	2	1	1	0	0	0
Ferry Boat Operation	0	0	0	0	0	0	0	0	0
TOTAL	12,565	12,503	57	52	22	24	1	4	2

Table 65. Alcohol Test Results by Employee Category for all Test Types for Region 4

Employee Category	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							“Shy Lung” With no Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	5,909	5,886	17	10	3	6	1	5	6
Revenue Vehicle and Equipment Maintenance	1,158	1,154	4	3	1	2	0	0	0
Revenue Vehicle Control/Dispatch	542	540	1	0	0	0	0	1	1
CDL/Non-Revenue Vehicle	203	203	0	0	0	0	0	0	0
Armed Security Personnel	136	136	0	0	0	0	0	0	0
Ferry Boat Operation	0	0	0	0	0	0	0	0	0
TOTAL	7,948	7,919	22	13	4	8	1	6	7

Table 66. Alcohol Test Results by Employee Category for all Test Types for Region 5

Employee Category	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							“Shy Lung” With no Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	8,680	8,618	59	34	7	25	0	3	11
Revenue Vehicle and Equipment Maintenance	1,750	1,743	7	4	0	3	0	0	0
Revenue Vehicle Control/Dispatch	583	578	5	2	1	1	0	0	0
CDL/Non-Revenue Vehicle	89	89	0	0	0	0	0	0	0
Armed Security Personnel	22	22	0	0	0	0	0	0	0
Ferry Boat Operation	0	0	0	0	0	0	0	0	0
TOTAL	11,124	11,050	71	40	8	29	0	3	11

Table 67. Alcohol Test Results by Employee Category for all Test Types for Region 6

Employee Category	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	3,412	3,400	11	9	2	5	0	1	0
Revenue Vehicle and Equipment Maintenance	600	597	2	1	1	0	0	1	0
Revenue Vehicle Control/Dispatch	305	304	0	0	0	0	0	1	0
CDL/Non-Revenue Vehicle	101	101	0	0	0	0	0	0	0
Armed Security Personnel	153	153	0	0	0	0	0	0	0
Ferry Boat Operation	0	0	0	0	0	0	0	0	0
TOTAL	4,571	4,555	13	10	3	5	0	3	0

Table 68. Alcohol Test Results by Employee Category for all Test Types for Region 7

Employee Category	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	1,758	1,752	6	6	3	3	0	0	1
Revenue Vehicle and Equipment Maintenance	125	124	1	0	0	0	0	0	0
Revenue Vehicle Control/Dispatch	62	62	0	0	0	0	0	0	0
CDL/Non-Revenue Vehicle	33	33	0	0	0	0	0	0	0
Armed Security Personnel	7	7	0	0	0	0	0	0	0
Ferry Boat Operation	0	0	0	0	0	0	0	0	0
TOTAL	1,985	1,978	7	6	3	3	0	0	1

Table 69. Alcohol Test Results by Employee Category for all Test Types for Region 8

Employee Category	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	1,960	1,947	11	9	1	7	1	1	3
Revenue Vehicle and Equipment Maintenance	308	308	0	0	0	0	0	0	0
Revenue Vehicle Control/Dispatch	121	121	0	0	0	0	0	0	3
CDL/Non-Revenue Vehicle	55	55	0	0	0	0	0	0	1
Armed Security Personnel	19	19	0	0	0	0	0	0	0
Ferry Boat Operation	0	0	0	0	0	0	0	0	0
TOTAL	2,463	2,450	11	9	1	7	1	1	7

Table 70. Alcohol Test Results by Employee Category for all Test Types for Region 9

Employee Category	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	8,987	8,955	25	24	4	17	0	7	10
Revenue Vehicle and Equipment Maintenance	1,710	1,704	6	6	2	3	0	0	2
Revenue Vehicle Control/Dispatch	581	580	1	0	0	0	0	0	1
CDL/Non-Revenue Vehicle	126	126	0	0	0	0	0	0	0
Armed Security Personnel	166	165	1	1	1	0	0	0	0
Ferry Boat Operation	15	15	0	0	0	0	0	0	0
TOTAL	11,585	11,545	33	31	7	20	0	7	13

Table 71. Alcohol Test Results by Employee Category for all Test Types for Region 10

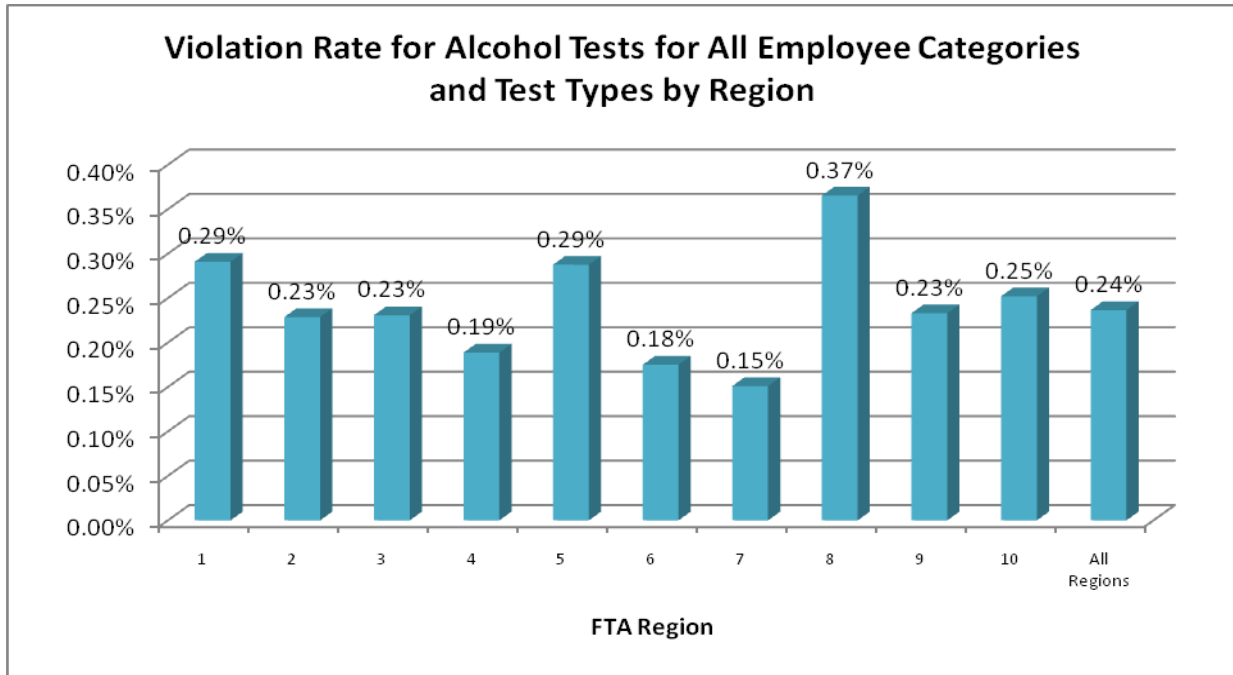
Employee Category	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							“Shy Lung” With no Medical Explanation	Other Refusals to Submit to Testing	
Revenue Vehicle Operation	2,211	2,202	8	8	3	4	0	1	1
Revenue Vehicle and Equipment Maintenance	372	369	3	2	1	1	0	0	0
Revenue Vehicle Control/Dispatch	145	145	0	0	0	0	0	0	0
CDL/Non-Revenue Vehicle	47	46	0	0	0	0	1	0	0
Armed Security Personnel	1	1	0	0	0	0	0	0	0
Ferry Boat Operation	1	1	0	0	0	0	0	0	0
TOTAL	2,777	2,764	11	10	4	5	1	1	1

Table 72 provides alcohol results for all employee categories and test types for each region. Figure 61 illustrates the violation rate for all test types by region.

Table 72. Alcohol Test Results for All Employee Categories and Test Types by Region

FTA Region	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							“Shy Lung” With no Medical Explanation	Other Refusals to Submit to Testing	
1	2,406	2,392	14	12	5	7	0	0	3
2	15,300	15,241	49	43	14	25	2	8	5
3	12,565	12,503	57	52	22	24	1	4	2
4	7,948	7,919	22	13	4	8	1	6	7
5	11,124	11,050	71	40	8	29	0	3	11
6	4,571	4,555	13	10	3	5	0	3	0
7	1,985	1,978	7	6	3	3	0	0	1
8	2,463	2,450	11	9	1	7	1	1	7
9	11,585	11,545	33	31	7	20	0	7	13
10	2,777	2,764	11	10	4	5	1	1	1
TOTAL	72,724	72,397	288	226	71	133	6	33	50

Figure 61. Violation Rate for Alcohol Tests for All Test Types by FTA Region



6.3.3 Alcohol Test Results for Transit Employers and Contractors

Table 73 provides alcohol test results for transit system employers for all test types by region. Table 74 provides alcohol test results for contractors for all test types by region. Figure 62 illustrates the violation rate for contractors and transit systems for all test types by region.

Table 73. Alcohol Test Results for Transit System Employers for All Test Types by Region

Region	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							"Shy Lung" With no Medical Explanation	Other Refusals to Submit to Testing	
Region 1	1,287	1,279	8	8	5	3	0	0	2
Region 2	12,104	12,065	39	39	13	22	0	0	4
Region 3	8,402	8,358	43	39	16	17	0	1	0
Region 4	4,568	4,554	11	7	3	3	0	3	1
Region 5	5,451	5,420	30	20	6	12	0	1	2
Region 6	3,000	2,987	11	9	3	5	0	2	0
Region 7	826	823	3	2	2	0	0	0	0
Region 8	947	944	2	2	0	2	0	1	2
Region 9	7,089	7,070	17	16	4	10	0	2	10
Region 10	1,830	1,821	8	8	4	3	1	0	0
TOTAL	45,504	45,321	172	150	56	77	1	10	21

Table 74. Alcohol Test Results for Contractors for All Test Types by Region

Region	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Tests Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 or Greater	Refusal Results		Cancelled Results
							“Shy Lung” With no Medical Explanation	Other Refusals to Submit to Testing	
Region 1	604	600	4	2	0	2	0	0	0
Region 2	2,961	2,941	10	4	1	3	2	8	1
Region 3	3,518	3,500	14	13	6	7	1	3	2
Region 4	1,553	1,544	7	5	1	4	0	2	1
Region 5	4,492	4,454	37	16	1	14	0	1	9
Region 6	670	669	0	0	0	0	0	1	0
Region 7	548	546	2	2	0	2	0	0	0
Region 8	1,110	1,100	9	7	1	5	1	0	4
Region 9	4,006	3,986	15	14	3	9	0	5	1
Region 10	587	584	2	2	0	2	0	1	0
TOTAL	20,049	19,924	100	65	13	48	4	21	18

Figure 62. Violation Rate for Transit Systems and Contractors for all Test Types by Region

