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of Transportation

**Federal Transit
Administration**

Drug and Alcohol Testing Results 2006 Annual Report

August 2008

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 12th 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 2006, 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 2006, 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 1995 through 2006.

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 2006 are provided, as well as the official random rate trends over the last 12 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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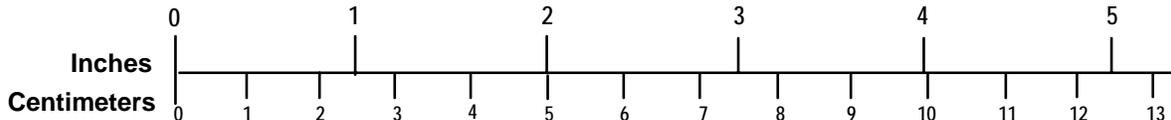| 17. SECURITY CLASSIFICATION OF REPORT Unclassified	18. SECURITY CLASSIFICATION OF THIS PAGE Unclassified	19. SECURITY CLASSIFICATION OF ABSTRACT Unclassified	20. LIMITATION OF ABSTRACT Unlimited

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METRIC/ENGLISH CONVERSION FACTORS

ENGLISH TO METRIC

METRIC TO ENGLISH

LENGTH (APPROXIMATE)

1 inch (in)	= 2.5 centimeters (cm)
1 foot (ft)	= 30 centimeters (cm)
1 yard (yd)	= 0.9 meter (m)
1 mile (mi)	= 1.6 kilometers (km)

LENGTH (APPROXIMATE)

1 millimeter (mm)	= 0.04 inch (in)
1 centimeter (cm)	= 0.4 inch (in)
1 meter (m)	= 3.3 feet (ft)
1 meter (m)	= 1.1 yards (yd)
1 kilometer (km)	= 0.6 mile (mi)

AREA (APPROXIMATE)

1 square inch (sq in, in^2)	= 6.5 square centimeters (cm^2)
1 square foot (sq ft, ft^2)	= 0.09 square meter (m^2)
1 square yard (sq yd, yd^2)	= 0.8 square meter (m^2)
1 square mile (sq mi, mi^2)	= 2.6 square kilometers (km^2)
1 acre = 0.4 hectare (he)	= 4,000 square meters (m^2)

AREA (APPROXIMATE)

1 square centimeter (cm^2)	= 0.16 square inch (sq in, in^2)
1 square meter (m^2)	= 1.2 square yards (sq yd, yd^2)
1 square kilometer (km^2)	= 0.4 square mile (sq mi, mi^2)
10,000 square meters (m^2)	= 1 hectare (ha) = 2.5 acres

MASS - WEIGHT (APPROXIMATE)

1 ounce (oz)	= 28 grams (gm)
1 pound (lb)	= 0.45 kilogram (kg)
1 short ton = 2,000 pounds (lb)	= 0.9 tonne (t)

MASS - WEIGHT (APPROXIMATE)

1 gram (gm)	= 0.036 ounce (oz)
1 kilogram (kg)	= 2.2 pounds (lb)
1 tonne (t)	= 1,000 kilograms (kg)
	= 1.1 short tons

VOLUME (APPROXIMATE)

1 teaspoon (tsp)	= 5 milliliters (ml)
1 tablespoon (tbsp)	= 15 milliliters (ml)
1 fluid ounce (fl oz)	= 30 milliliters (ml)
1 cup (c)	= 0.24 liter (l)
1 pint (pt)	= 0.47 liter (l)
1 quart (qt)	= 0.96 liter (l)
1 gallon (gal)	= 3.8 liters (l)
1 cubic foot (cu ft, ft^3)	= 0.03 cubic meter (m^3)
1 cubic yard (cu yd, yd^3)	= 0.76 cubic meter (m^3)

VOLUME (APPROXIMATE)

1 milliliter (ml)	= 0.03 fluid ounce (fl oz)
1 liter (l)	= 2.1 pints (pt)
1 liter (l)	= 1.06 quarts (qt)
1 liter (l)	= 0.26 gallon (gal)
1 cubic meter (m^3)	= 36 cubic feet (cu ft, ft^3)
1 cubic meter (m^3)	= 1.3 cubic yards (cu yd, yd^3)

TEMPERATURE (EXACT)

$[(x-32)(5/9)]$ °F = y °C

TEMPERATURE (EXACT)

$[(9/5) y + 32]$ °C = x °F

QUICK INCH - CENTIMETER LENGTH CONVERSION

Inches: 0 1 2 3 4 5

Centimeters: 0 1 2 3 4 5 6 7 8 9 10 11 12 13

QUICK FAHRENHEIT - CELSIUS TEMPERATURE CONVERSION

°F	-40°	-22°	-4°	14°	32°	50°	68°	86°	104°	122°	140°	158°	176°	194°	212°
°C	-40°	-30°	-20°	-10°	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
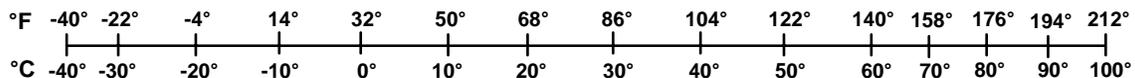
For more exact and or other conversion factors, see NIST Miscellaneous Publication 286, Units of Weights and Measures. Price $2.50 SD Catalog No. C13 10286

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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, except for pre-employment testing. Employers are required to conduct four types of tests of 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 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 the glossary in Appendix C. You may also refer to FTA and DOT drug and alcohol regulations on the FTA Office of Safety and Security Web site at http://transit-safety.volpe.dot.gov/Safety/datesting/regulations/default.asp. For additional guidance, another excellent source is the Office of Drug and Alcohol Policy and Compliance (ODAPC) Web site http://www.dot.gov/ost/dapc/index.html.

This year's annual report marks the first year that random alcohol testing results for ferry boat operators were broken out between FTA and the United States Coast Guard (USCG). Ferry boat operators must be randomly tested for alcohol in compliance with FTA's testing requirements as defined in 49 CFR Part 655.45, as well as the USCG testing regulations as defined in 46 CFR Parts 4 and 16 and 33 CFR Part 95. Refer to Section 4.2.6 for additional information on these testing requirements.

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

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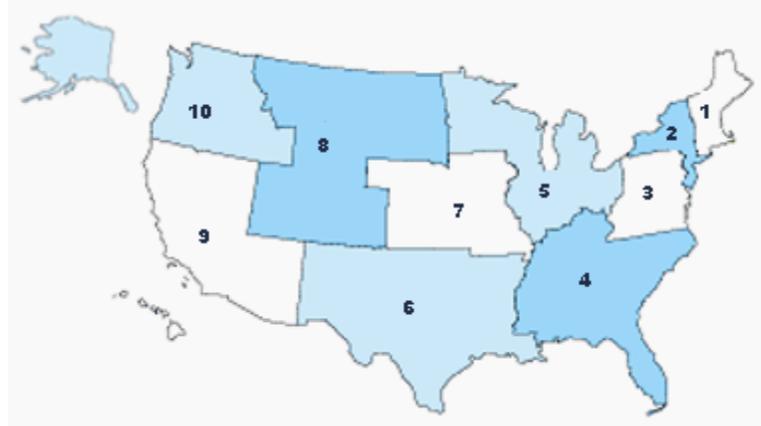
Figure 1. The Ten FTA Regions Required to Test for Drugs and Alcohol

Table 2. States and Territories by Region

Region	States
1	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont
2	New Jersey, New York, U.S. Virgin Islands
3	Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia
4	Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, Puerto Rico
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	American Samoa, Arizona, California, Guam, Hawaii, Nevada, 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 an entity subject to 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.

Table 3. Number of Covered Employees and Employers by Region

Region	Number of Covered Employees	Number of Covered Employers
1	13,036	208
2	54,853	216
3	30,466	190
4	31,329	561
5	39,423	615
6	18,589	237
7	9,950	340
8	8,491	183
9	44,639	389
10	15,463	214
Total	**266,239**	**3,153**

1.4   Percent Positive for Drugs and Alcohol

When testing for drugs, the term "percent positive" refers to the number of verified positive results plus the number of refusal results divided by the number of test results. For alcohol tests, percent positive is the number of confirmation tests with results of 0.04 or greater plus the number of refusal results divided by the number of screening test results.

2. Random Drug and Alcohol Rates

2.1 Official Random Rates for 2006

Figures 2 and 3 show the official rates for random drug and alcohol tests used by the FTA Administrator in determining the random rates for 2006. Figure 2 shows the positive rate for random drug tests over the last 12 years (1995 through 2006). Figure 3 shows the violation rate for random alcohol tests over the same 12-year span.

2.2 Calculating Positive Rates and Violation Rates

The positive rate for drugs is calculated by taking the total number of verified positive tests; adding the total 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 (those without medical explanation) plus the total number of other refusals, and dividing by the total number of screens conducted.
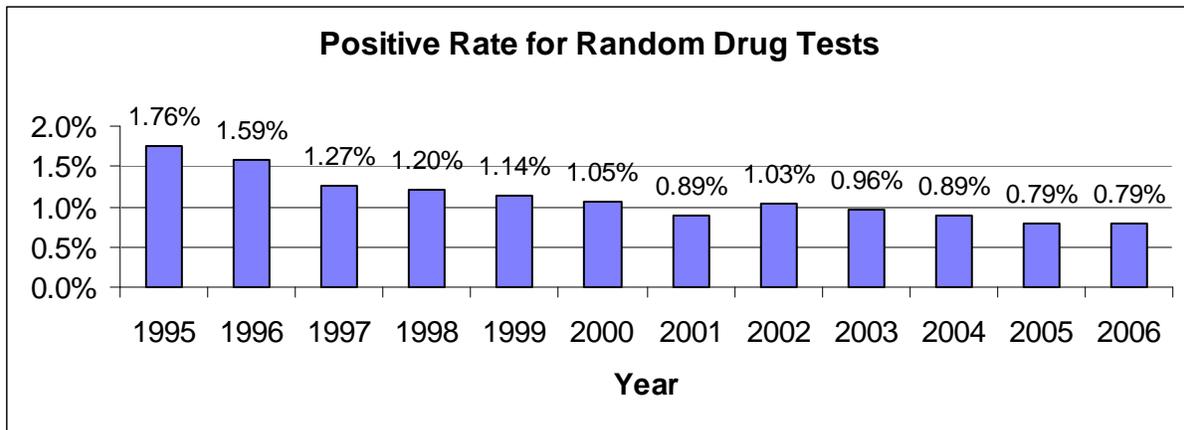
Figure 2. Positive Rate for Random Drug Tests (1995–2006)

Violation Rate for Random Alcohol Tests

Year	Rate
1995	0.25%
1996	0.21%
1997	0.19%
1998	0.20%
1999	0.18%
2000	0.15%
2001	0.19%
2002	0.17%
2003	0.11%
2004	0.11%
2005	0.12%
2006	0.13%
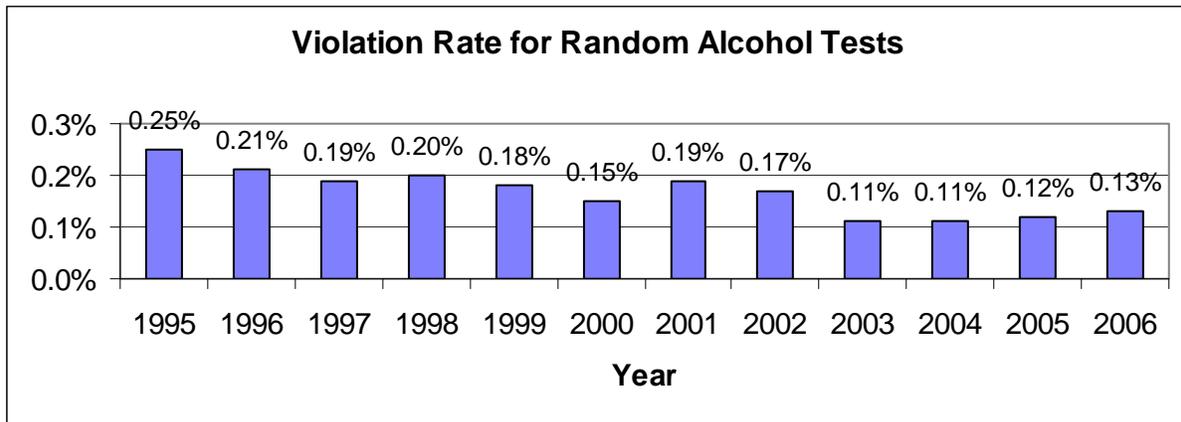
Figure 3. Violation Rate for Random Alcohol Tests (1995–2006)

2.3   Official Positive Rate and Violation Rate Trends

As shown in Figure 4, the official positive rate (drugs) remained static at 0.79 percent. While the rate is still the same as reported for 2005, it is still over 50 percent lower than the random positive rate recorded in 1995. The violation rate (alcohol) increased slightly to 0.13 percent in 2006.
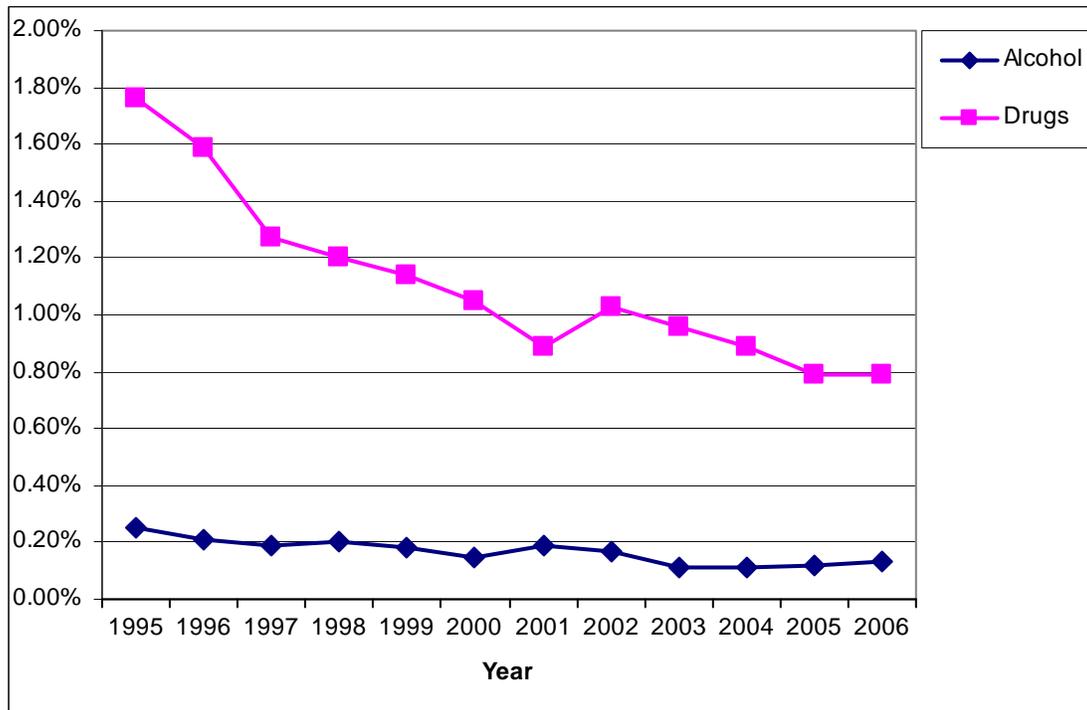
Figure 4. Official Positive Rates and Violation Rates (1995–2006)

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

Table 4. Pre-employment Drug Test Results by Employee Categories

| 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	73,582	71,622	1,813	1,227	469	40	42	82	16	4	5	122	173
Revenue Vehicle & Equipment Maintenance	8,486	8,301	177	127	43	2	1	9	1	0	0	7	17
Revenue Vehicle Control/Dispatch	2,913	2,862	46	33	10	2	0	2	1	0	0	4	9
CDL/Non-Revenue Vehicle	1,182	1,161	21	15	7	1	0	0	0	0	0	0	4
Armed Security Personnel	1,213	1,204	8	7	1	0	0	0	0	0	0	1	2
TOTAL	87,376	85,150	2,065	1,409	530	45	43	93	18	4	5	134	205
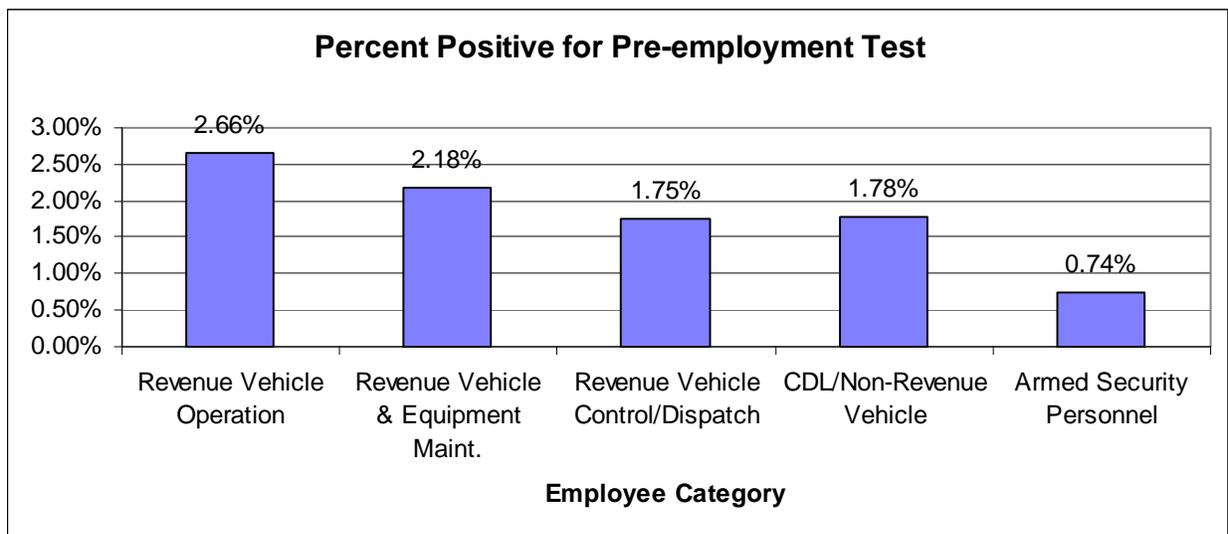
Figure 5. Percent Positive for Pre-employment Drug Tests by Employee Category

3.1.2 Random Drug Test Results

Table 5 provides results of random drug tests for all employee categories. Figure 6 illustrates the percent positive by employee category for all random drug tests.

Table 5. Random Drug Test Results by Employee Categories

| 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	98,279	97,480	680	345	290	5	19	39	6	7	18	88	218
Revenue Vehicle & Equipment Maintenance	27,005	26,781	214	121	81	0	7	14	0	1	1	8	27
Revenue Vehicle Control/Dispatch	9,912	9,849	50	27	22	0	2	0	0	0	4	9	16
CDL/Non-Revenue Vehicle	3,085	3,061	22	9	13	0	2	2	0	1	0	1	3
Armed Security Personnel	2,590	2,586	4	2	2	0	0	0	0	0	0	0	1
TOTAL	**140,871**	**139,757**	**970**	**504**	**408**	**5**	**30**	**55**	**6**	**9**	**23**	**106**	**265**
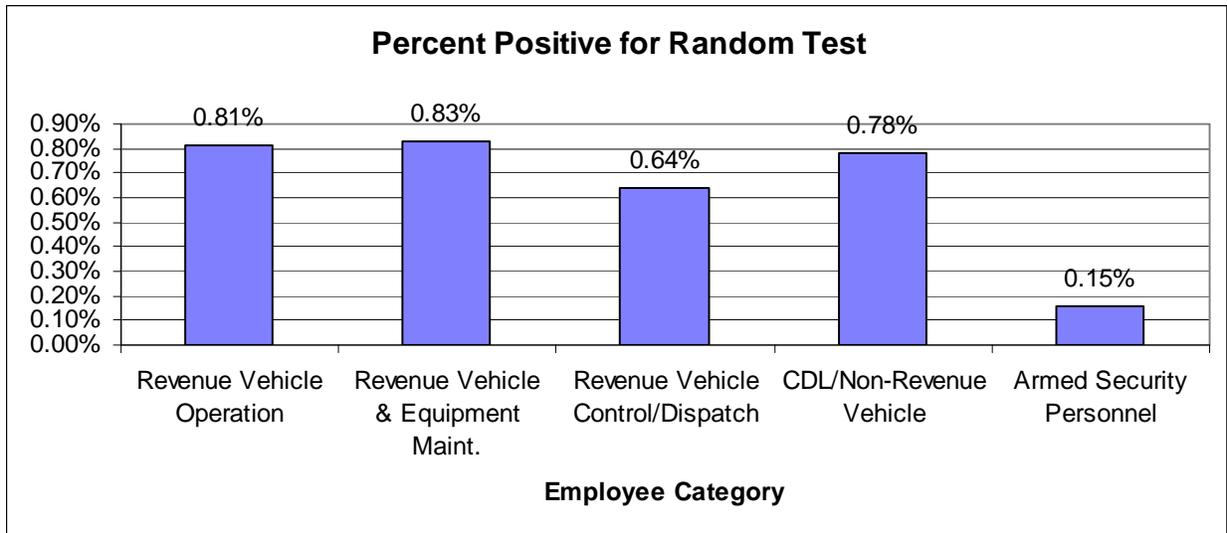
Figure 6. Percent Positive for Random Drug Tests by Employee Category

3.1.3   Post-Accident Drug Test Results

Table 6 provides results of post-accident drug tests for all employee categories. Figure 7 illustrates the percent positive by employee category for all post-accident drug tests.

Table 6. Post-Accident Drug Test Results by Employee Categories

| 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	12,706	12,535	161	75	79	1	4	7	2	1	3	4	25
Revenue Vehicle & Equipment Maintenance	614	604	10	7	3	0	0	0	0	0	0	0	0
Revenue Vehicle Control/Dispatch	125	125	0	0	0	0	0	0	0	0	0	0	0
CDL/Non-Revenue Vehicle	72	72	0	0	0	0	0	0	0	0	0	0	0
Armed Security Personnel	66	66	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**13,583**	**13,402**	**171**	**82**	**82**	**1**	**4**	**7**	**2**	**1**	**3**	**4**	**25**
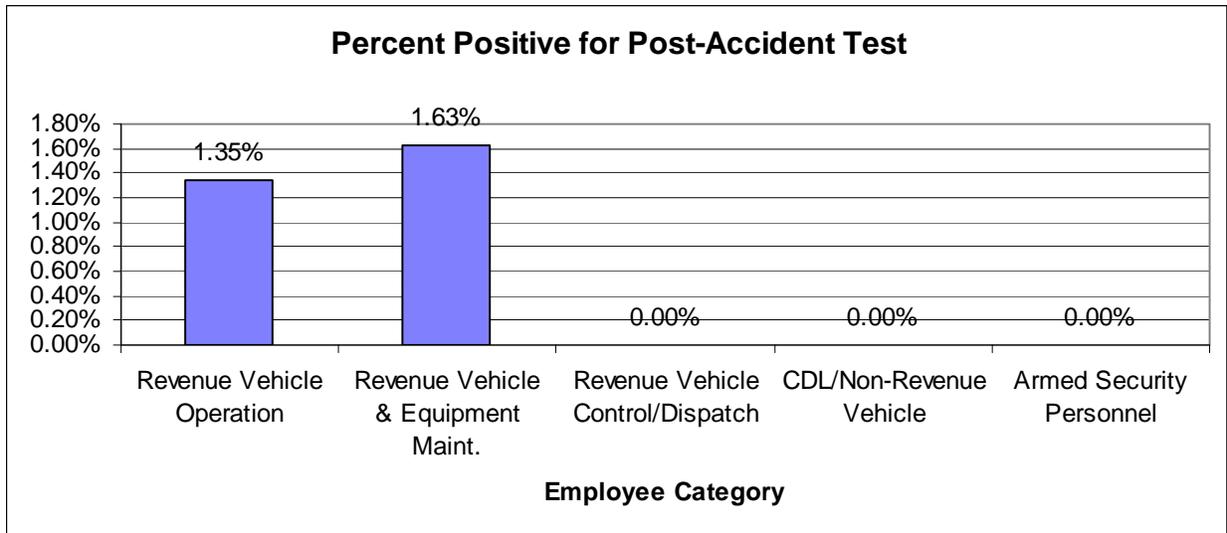
Figure 7. Percent Positive for Post-Accident Drug Tests by Employee Category

3.1.4   Reasonable Suspicion Drug Test Results

Table 7 provides results of reasonable suspicion drug tests for all employee categories. Figure 8 illustrates the percent positive by employee category for all reasonable suspicion drug tests.

Table 7. Reasonable Suspicion Drug Test Results by Employee Categories

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	455	418	29	12	18	0	1	1	0	0	2	6	1
Revenue Vehicle & Equipment Maintenance	77	67	10	8	2	0	0	2	0	0	0	0	0
Revenue Vehicle Control/Dispatch	20	16	3	2	1	0	0	0	0	0	0	1	0
CDL/Non-Revenue Vehicle	9	7	1	1	0	0	0	0	0	0	0	1	1
Armed Security Personnel	1	0	1	0	1	0	0	0	0	0	0	0	0
TOTAL	562	508	44	23	22	0	1	3	0	0	2	8	2
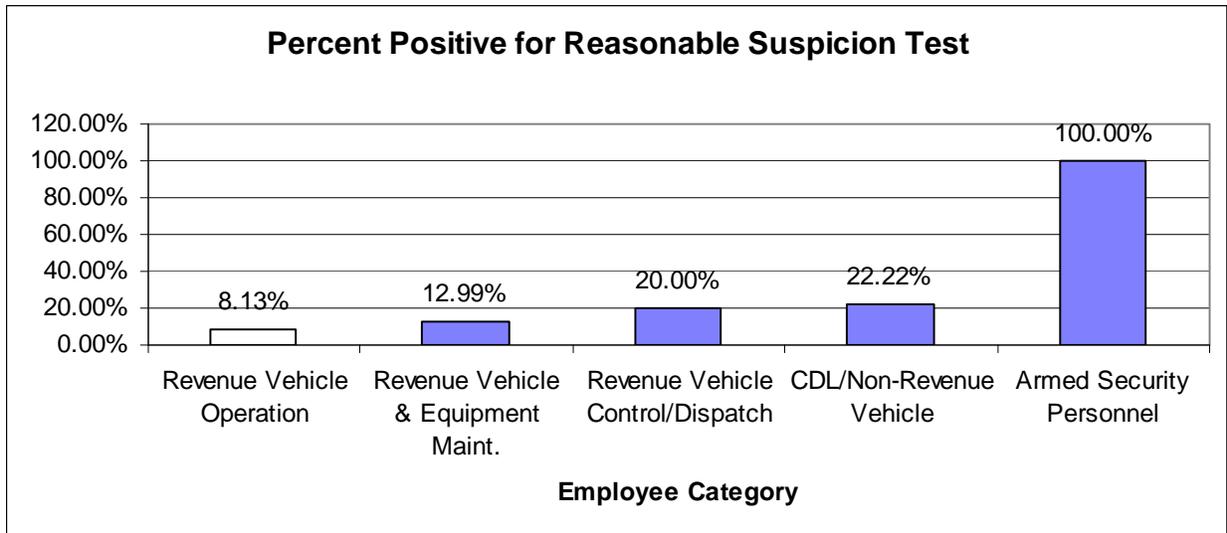
Figure 8. Percent Positive for Reasonable Suspicion Drug Tests by Employee Category

3.1.5 Return-to-Duty Drug Test Results

Table 8 provides results of return-to-duty drug tests for all employee categories. Figure 9 illustrates the percent positive by employee category for all return-to-duty drug tests.

Table 8. Return-to-Duty Drug Test Results for All Employee Categories

| 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	795	778	17	13	4	0	0	0	0	0	0	0	0
Revenue Vehicle & Equipment Maintenance	164	160	4	2	2	0	0	0	0	0	0	0	0
Revenue Vehicle Control/Dispatch	50	48	2	2	0	0	0	0	0	0	0	0	0
CDL/Non-Revenue Vehicle	25	25	0	0	0	0	0	0	0	0	0	0	0
Armed Security Personnel	4	3	1	0	1	0	0	0	0	0	0	0	0
TOTAL	**1,038**	**1,014**	**24**	**17**	**7**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
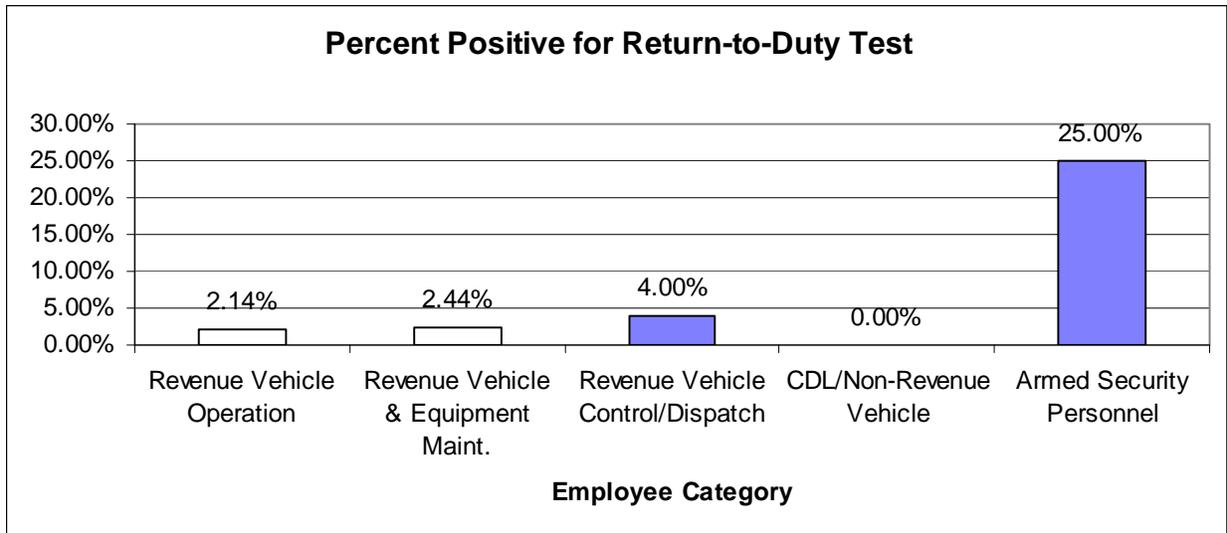
Figure 9. Percent Positive for Return-to-Duty Drug Tests by Employee Category

3.1.6 Follow-up Drug Test Results

Table 9 provides results of follow-up drug tests for all employee categories. Figure 10 illustrates the percent positive by employee category for all follow-up drug tests.

Table 9. Follow-up Drug Test Results for All Employee Categories

| 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	4,310	4,219	85	37	48	0	0	3	0	1	0	5	12
Revenue Vehicle & Equipment Maintenance	1,667	1,640	24	12	12	0	0	1	0	0	1	2	2
Revenue Vehicle Control/Dispatch	180	175	5	4	1	0	0	0	0	0	0	0	0
CDL/Non-Revenue Vehicle	250	246	4	0	4	0	0	0	0	0	0	0	1
Armed Security Personnel	30	30	0	0	0	0	0	0	0	0	0	0	1
TOTAL	6,437	6,310	118	53	65	0	0	4	0	1	1	7	16

Percent Positive for Follow-up Test

- Revenue Vehicle Operation: 2.11%
- Revenue Vehicle & Equipment Maint.: 1.62%
- Revenue Vehicle Control/Dispatch: 2.78%
- CDL/Non-Revenue Vehicle: 1.60%
- Armed Security Personnel: 0.00%
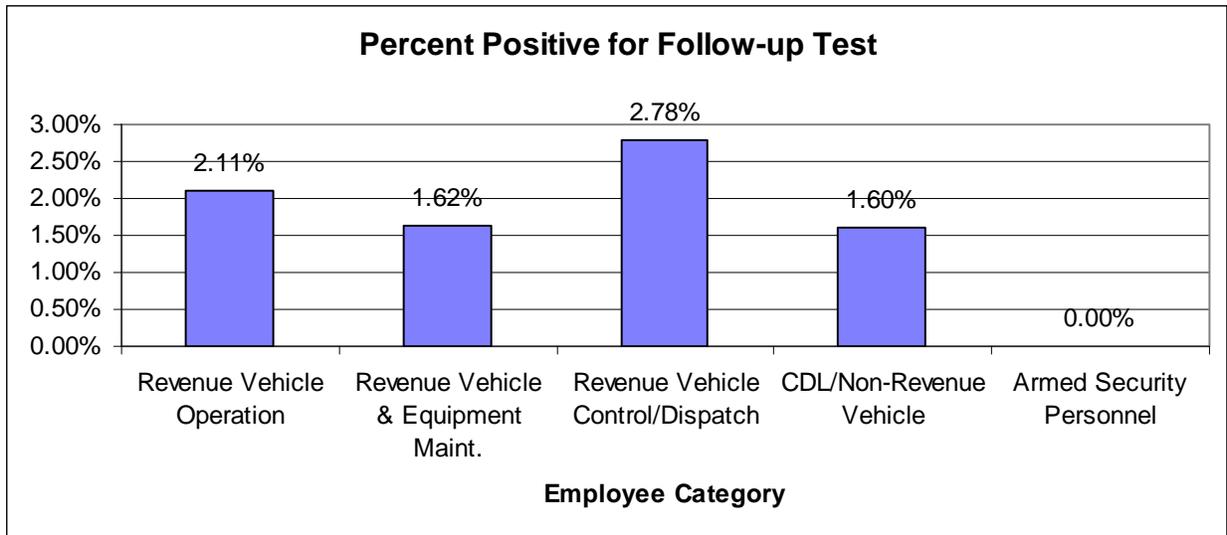
Employee Category

Figure 10. Percent Positive for Follow-up Drug Tests by Employee Category

3.1.7 Drug Test Results by Test Type for All Employee Categories

Table 10 provides drug test results by test type for all employee categories. Figure 11 illustrates the percent positive for all employee categories by test type.

Table 10. Drug Test Results by Test Type for All Employee Categories

Test Type	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	87,376	85,150	2,065	1,409	530	45	43	93	18	4	5	134	205
Random	140,871	139,757	970	504	408	5	30	55	6	9	23	106	265
Post-Accident	13,583	13,402	171	82	82	1	4	7	2	1	3	4	25
Reasonable Suspicion	562	508	44	23	22	0	1	3	0	0	2	8	2
Return-to-Duty	1,038	1,014	24	17	7	0	0	0	0	0	0	0	0
Follow-up	6,437	6,310	118	53	65	0	0	4	0	1	1	7	16
TOTAL	**249,867**	**246,141**	**3,392**	**2,088**	**1,114**	**51**	**78**	**162**	**26**	**15**	**34**	**259**	**513**
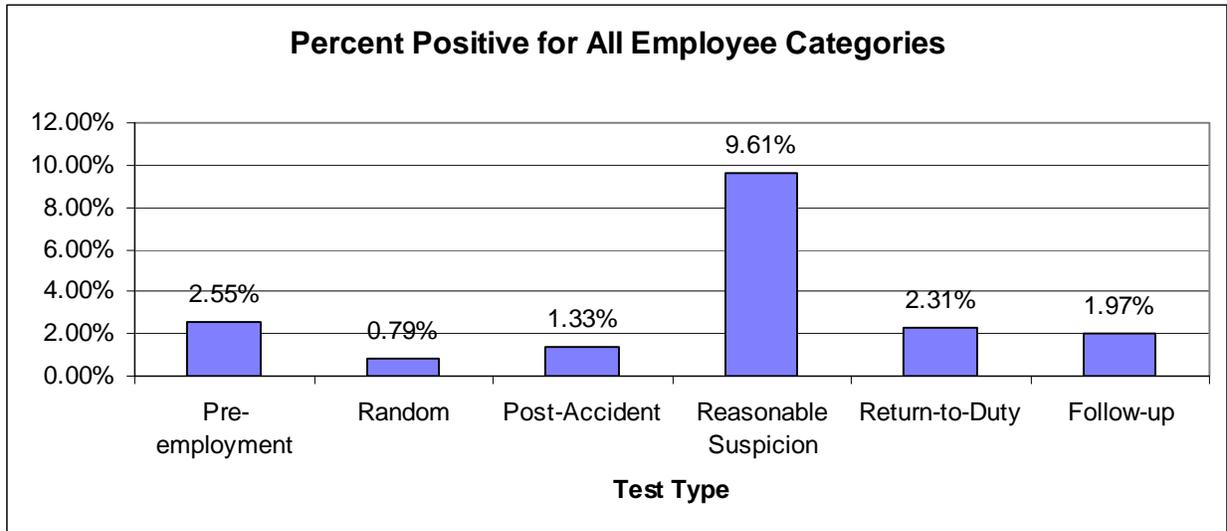
Figure 11. Percent Positive for All Employee Categories by Test Type

3.2   Drug Test Results by Employee Category

3.2.1   Revenue Vehicle Operation

Table 11 provides drug test results for the revenue vehicle operation employee category. Figure 12 illustrates the percent positive for each test type under the revenue vehicle operation employee category.

Table 11. Drug Test Results for Revenue Vehicle Operation

| Test Type | 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	73,582	71,622	1,813	1,227	469	40	42	82	16	4	5	122	173
Random	98,279	97,480	680	345	290	5	19	39	6	7	18	88	218
Post-Accident	12,706	12,535	161	75	79	1	4	7	2	1	3	4	25
Reasonable Suspicion	455	418	29	12	18	0	1	1	0	0	2	6	1
Return-to-Duty	795	778	17	13	4	0	0	0	0	0	0	0	0
Follow-up	4,310	4,219	85	37	48	0	0	3	0	1	0	5	12
TOTAL	**190,127**	**187,052**	**2,785**	**1,709**	**908**	**46**	**66**	**132**	**24**	**13**	**28**	**225**	**429**
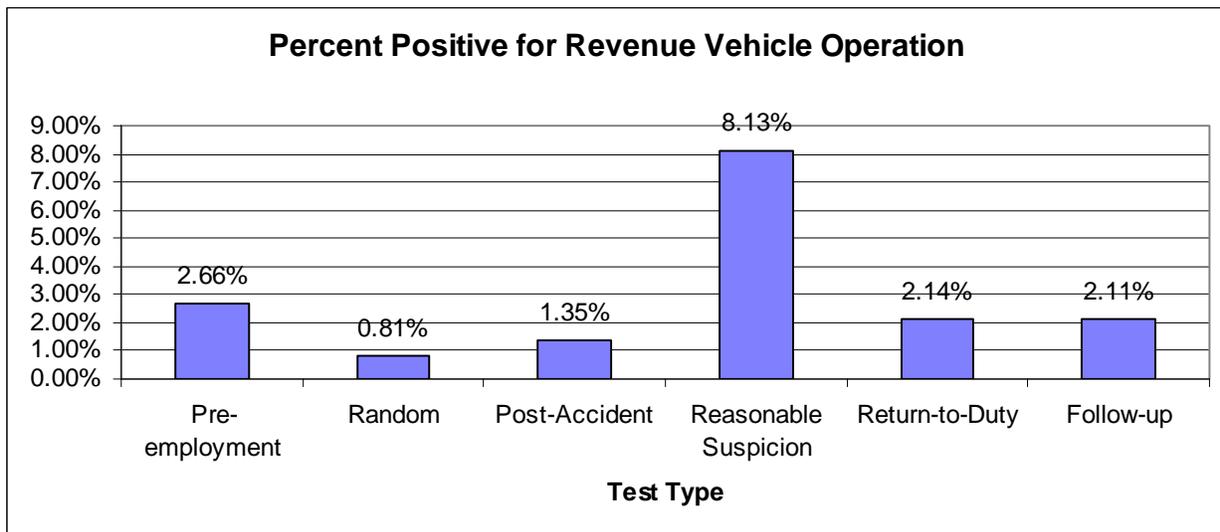
Figure 12. Percent Positive for Revenue Vehicle Operation by Test Type

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3.2.2 Revenue Vehicle and Equipment Maintenance

Table 12 provides drug test results for the revenue vehicle and equipment maintenance employee category by test type. Figure 13 illustrates the percent positive for the revenue vehicle and equipment maintenance employee category by test type.

Table 12. Drug Test Results for Revenue Vehicle and Equipment Maintenance

Test Type	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	8,486	8,301	177	127	43	2	1	9	1	0	0	7	17
Random	27,005	26,781	214	121	81	0	7	14	0	1	1	8	27
Post-Accident	614	604	10	7	3	0	0	0	0	0	0	0	0
Reasonable Suspicion	77	67	10	8	2	0	0	2	0	0	0	0	0
Return-to-Duty	164	160	4	2	2	0	0	0	0	0	0	0	0
Follow-up	1,667	1,640	24	12	12	0	0	1	0	0	1	2	2
TOTAL	**38,013**	**37,553**	**439**	**277**	**143**	**2**	**8**	**26**	**1**	**1**	**2**	**17**	**46**
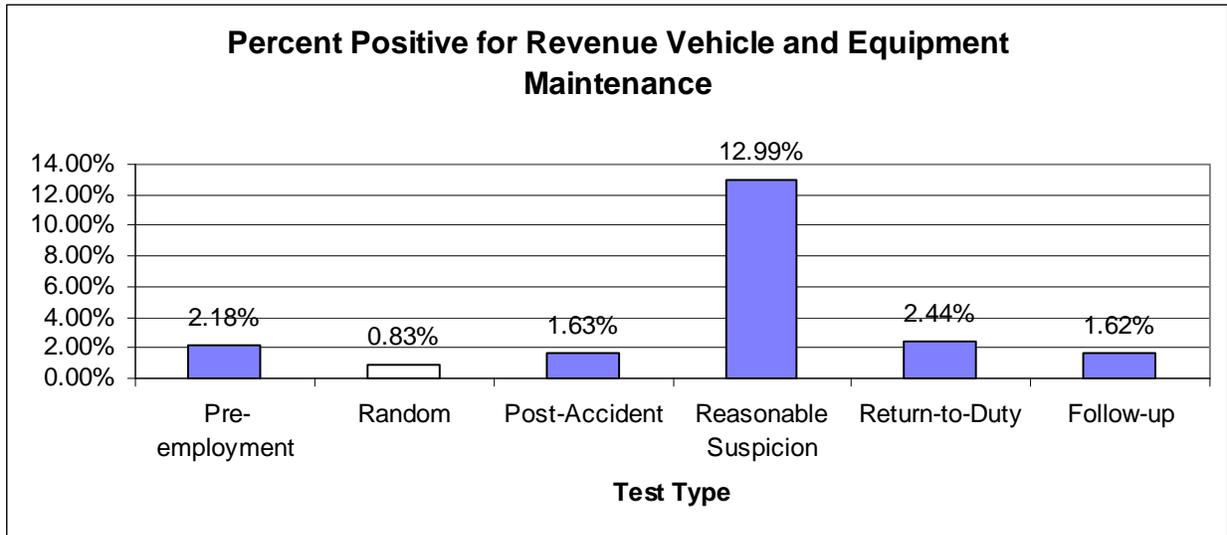
Figure 13. Percent Positive for Revenue Vehicle and Equipment Maintenance by Test Type

3.2.3 Revenue Vehicle Control/Dispatch

Table 13 provides drug test results for the revenue vehicle control/dispatch employee category by test type. Figure 14 illustrates the percent positive for the revenue vehicle control/dispatch employee category by test type.

Table 13. Drug Test Results for Revenue Vehicle Control/Dispatch

| Test Type | 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	2,913	2,862	46	33	10	2	0	2	1	0	0	4	9
Random	9,912	9,849	50	27	22	0	2	0	0	0	4	9	16
Post-Accident	125	125	0	0	0	0	0	0	0	0	0	0	0
Reasonable Suspicion	20	16	3	2	1	0	0	0	0	0	0	1	0
Return-to-Duty	50	48	2	2	0	0	0	0	0	0	0	0	0
Follow-up	180	175	5	4	1	0	0	0	0	0	0	0	0
TOTAL	**13,200**	**13,075**	**106**	**68**	**34**	**2**	**2**	**2**	**1**	**0**	**4**	**14**	**25**
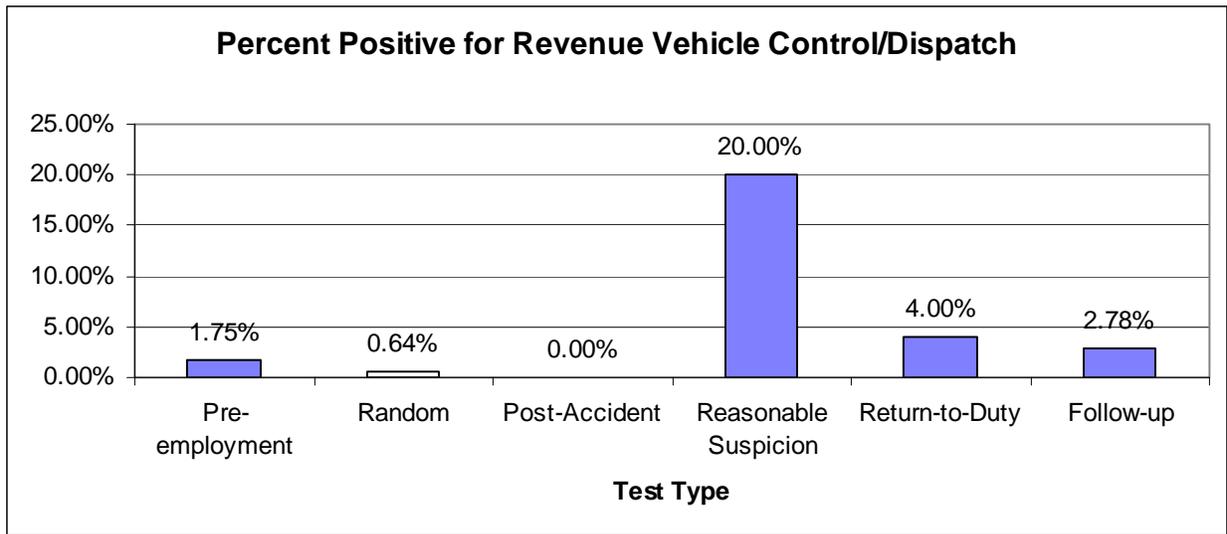
Figure 14. Percent Positive for Revenue Vehicle Control/Dispatch by Test Type

3.2.4 Commercial Driver's License (CDL)/Non-Revenue Vehicle

Table 14 provides drug test results for the commercial driver's license (CDL)/non-revenue vehicle employee category by test type. Figure 15 illustrates the percent positive for the CDL/non-revenue vehicle employee category by test type.

Table 14. Drug Test Results for Commercial Driver's License (CDL)/Non-Revenue Vehicle

Test Type	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	1,182	1,161	21	15	7	1	0	0	0	0	0	0	4
Random	3,085	3,061	22	9	13	0	2	2	0	1	0	1	3
Post-Accident	72	72	0	0	0	0	0	0	0	0	0	0	0
Reasonable Suspicion	9	7	1	1	0	0	0	0	0	0	0	1	1
Return-to-Duty	25	25	0	0	0	0	0	0	0	0	0	0	0
Follow-up	250	246	4	0	4	0	0	0	0	0	0	0	1
TOTAL	**4,623**	**4,572**	**48**	**25**	**24**	**1**	**2**	**2**	**0**	**1**	**0**	**2**	**9**

Percent Positive for Commercial Driver's License (CDL)/ Non-Revenue Vehicle

- Pre-employment: 1.78%
- Random: 0.78%
- Post-Accident: 0.00%
- Reasonable Suspicion: 22.22%
- Return-to-Duty: 0.00%
- Follow-up: 1.60%
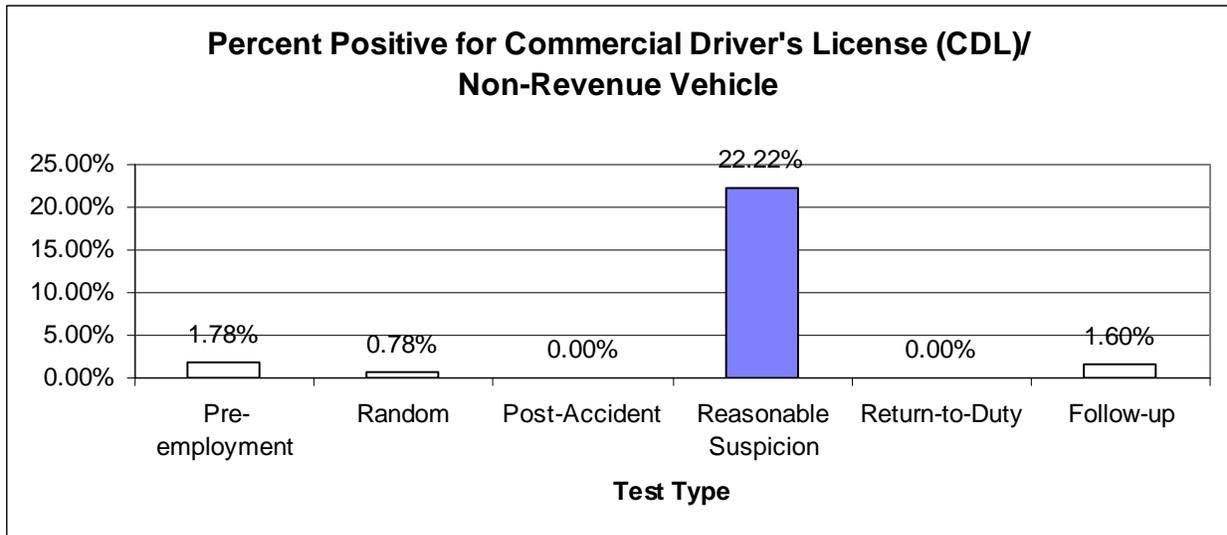
Test Type

Figure 15. Percent Positive for Commercial Driver's License (CDL)/ Non-Revenue Vehicle by Test Type

3.2.5 Armed Security Personnel

Table 15 provides drug test results for the armed security personnel employee category by test type. Figure 16 illustrates the percent positive for the armed security personnel employee category by test type.

Table 15. Drug Test Results for Armed Security Personnel

Test Type	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	Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
										Refusals			
Pre-employment	1,213	1,204	8	7	1	0	0	0	0	0	0	1	2
Random	2,590	2,586	4	2	2	0	0	0	0	0	0	0	1
Post-Accident	66	66	0	0	0	0	0	0	0	0	0	0	0
Reasonable Suspicion	1	0	1	0	1	0	0	0	0	0	0	0	0
Return-to-Duty	4	3	1	0	1	0	0	0	0	0	0	0	0
Follow-up	30	30	0	0	0	0	0	0	0	0	0	0	1
TOTAL	**3,904**	**3,889**	**14**	**9**	**5**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**4**
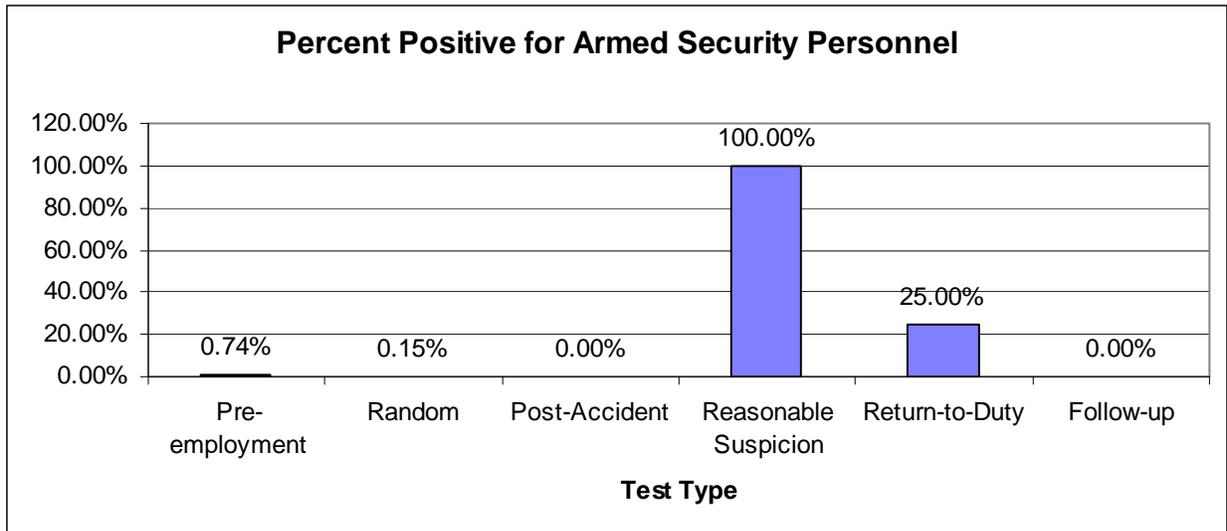
Figure 16. Percent Positive for Armed Security Personnel by Test Type

3.2.6 Drug Test Results for All Employee Categories

Table 16 provides drug test results for all test types by employee category. Figure 17 illustrates the percent positive for all test types by employee category.

Table 16. 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	190,127	187,052	2,785	1,709	908	46	66	132	24	13	28	225	429
Revenue Vehicle & Equipment Maintenance	38,013	37,553	439	277	143	2	8	26	1	1	2	17	46
Revenue Vehicle Control/Dispatch	13,200	13,075	106	68	34	2	2	2	1	0	4	14	25
CDL/Non-Revenue Vehicle	4,623	4,572	48	25	24	1	2	2	0	1	0	2	9
Armed Security Personnel	3,904	3,889	14	9	5	0	0	0	0	0	0	1	4
TOTAL	**249,867**	**246,141**	**3,392**	**2,088**	**1,114**	**51**	**78**	**162**	**26**	**15**	**34**	**259**	**513**
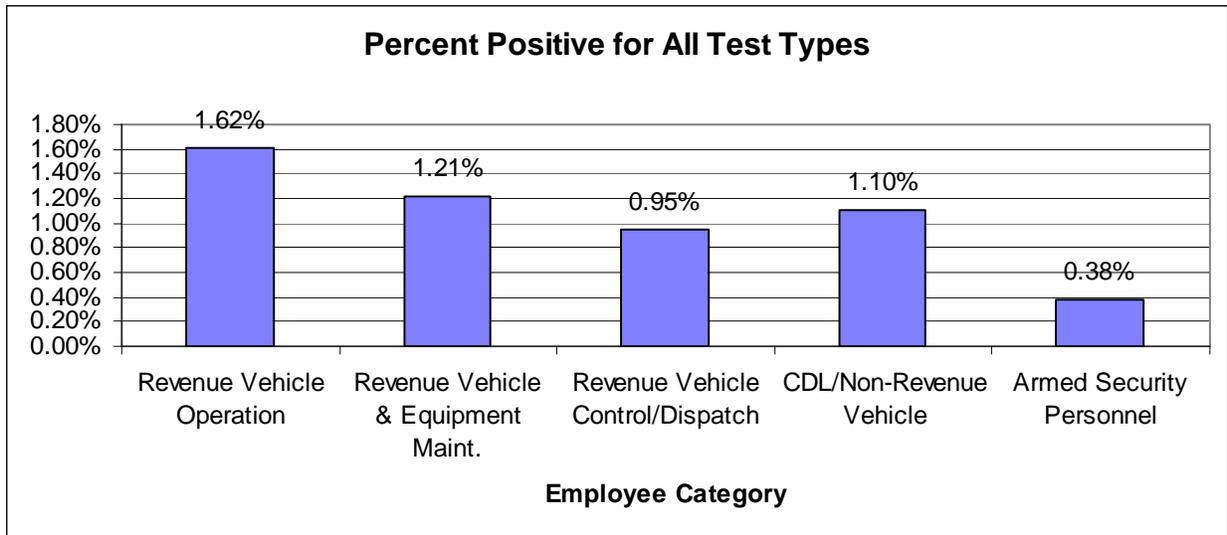
Figure 17. Percent Positive for All Test Types by Employee Category

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3.3 Drug Test Results by Region

3.3.1 Drug Test Results for Region 1

Table 17 provides drug test results by test type and drugs detected for Region 1. Figure 18 illustrates the percent positive for all test types for Region 1.

Table 17. Drug Test Results by Test Type and Drugs Detected for Region 1

| Test Type | 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	3,649	3,567	78	52	20	1	3	3	0	0	1	3	6
Random	6,646	6,591	47	24	23	0	0	1	0	0	0	8	13
Post-Accident	557	551	6	0	6	0	0	0	0	0	0	0	1
Reasonable Suspicion	14	14	0	0	0	0	0	0	0	0	0	0	0
Return-to-Duty	46	45	1	1	0	0	0	0	0	0	0	0	0
Follow-up	315	309	5	2	3	0	0	0	0	0	0	1	1
TOTAL	**11,227**	**11,077**	**137**	**79**	**52**	**1**	**3**	**4**	**0**	**0**	**1**	**12**	**21**

Figure 18. Percent Positive for All Test Types for Region 1

3.3.2 Drug Test Results for Region 2

Table 18 provides drug test results by test type and drugs detected for Region 2. Figure 19 illustrates the percent positive for all test types for Region 2.

Table 18. Drug Test Results by Test Type and Drugs Detected for Region 2

Test Type	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	Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
										Refusals			
Pre-employment	13,736	13,371	347	227	119	2	9	2	8	0	1	9	29
Random	28,861	28,667	182	89	93	1	3	0	0	3	4	5	17
Post-Accident	2,244	2,222	21	13	8	1	0	0	1	0	0	0	0
Reasonable Suspicion	98	92	6	5	3	0	0	0	0	0	0	0	0
Return-to-Duty	192	188	4	2	2	0	0	0	0	0	0	0	0
Follow-up	1,619	1,601	16	2	14	0	0	0	0	1	1	0	3
TOTAL	**46,750**	**46,141**	**576**	**338**	**239**	**4**	**12**	**2**	**9**	**4**	**6**	**14**	**49**

Figure 19. Percent Positive for All Test Types for Region 2

3.3.3 Drug Test Results for Region 3

Table 19 provides drug test results by test type and drugs detected for Region 3. Figure 20 illustrates the percent positive for all test types for Region 3.

Table 19. Drug Test Results by Test Type and Drugs Detected for Region 3

Test Type	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 Adulterated	Refusals Substituted	Refusals "Shy Bladder" with No Medical Explanation	Refusals Other Refusals to Submit to Testing	Cancelled Tests
Pre-employment	11,111	10,676	387	252	107	27	8	6	1	1	1	45	23
Random	16,014	15,876	131	56	70	2	4	2	0	0	0	7	32
Post-Accident	1,327	1,298	28	10	18	0	0	1	0	1	0	0	3
Reasonable Suspicion	74	66	5	2	3	0	0	0	0	0	0	3	0
Return-to-Duty	142	140	2	1	1	0	0	0	0	0	0	0	0
Follow-up	1,018	997	20	7	14	0	0	0	0	0	0	1	1
TOTAL	**29,686**	**29,053**	**573**	**328**	**213**	**29**	**12**	**9**	**1**	**2**	**1**	**56**	**59**

Figure 20. Percent Positive for All Test Types for Region 3

3.3.4 Drug Test Results for Region 4

Table 20 provides drug test results by test type and drugs detected for Region 4. Figure 21 illustrates the percent positive for all test types for Region 4.

Table 20. Drug Test Results by Test Type and Drugs Detected for Region 4

Test Type	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	11,199	10,983	210	144	64	0	4	2	0	0	0	6	28
Random	16,894	16,735	145	86	60	0	1	1	2	1	1	10	54
Post-Accident	1,965	1,939	26	14	12	0	2	0	0	0	0	0	3
Reasonable Suspicion	126	114	10	2	8	0	0	1	0	0	1	1	0
Return-to-Duty	167	161	6	4	2	0	0	0	0	0	0	0	0
Follow-up	431	420	9	3	6	0	0	0	0	0	0	2	1
TOTAL	**30,782**	**30,352**	**406**	**253**	**152**	**0**	**7**	**4**	**2**	**1**	**2**	**19**	**86**
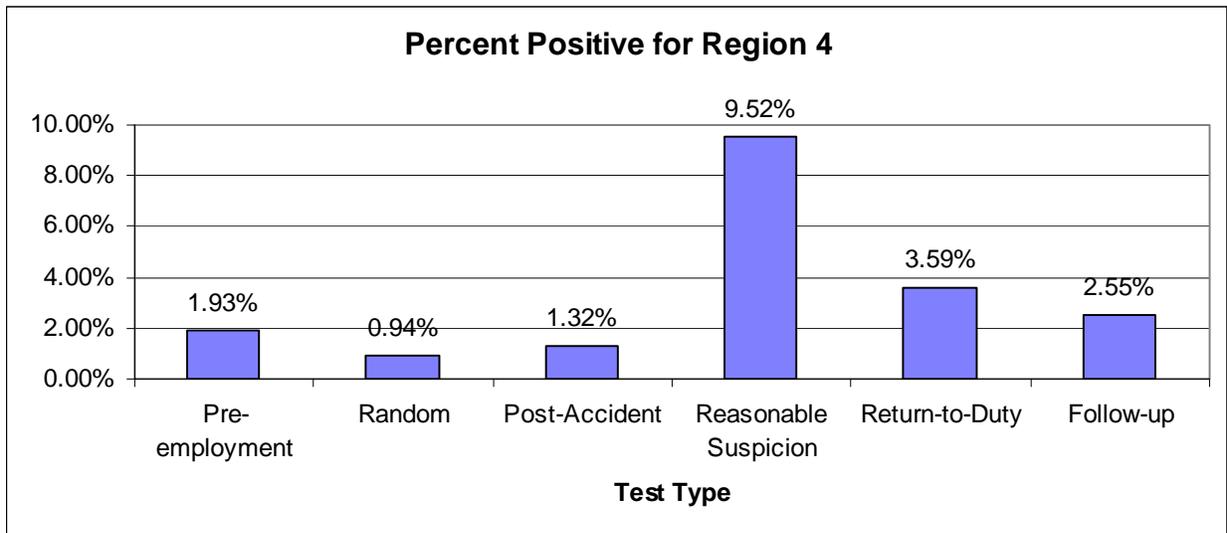
Figure 21. Percent Positive for All Test Types for Region 4

3.3.5 Drug Test Results for Region 5

Table 21 provides drug test results by test type and drugs detected for Region 5. Figure 22 illustrates the percent positive for all test types for Region 5.

Table 21. Drug Test Results by Test Type and Drugs Detected for Region 5

| Test Type | 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	10,545	10,317	212	147	60	2	4	3	0	2	0	14	28
Random	21,003	20,811	163	96	64	0	10	1	0	2	10	17	39
Post-Accident	2,473	2,434	36	15	19	0	1	1	0	0	2	1	4
Reasonable Suspicion	105	98	6	4	3	0	0	0	0	0	1	0	0
Return-to-Duty	165	158	7	5	2	0	0	0	0	0	0	0	0
Follow-up	1,008	979	28	16	12	0	0	0	0	0	0	1	0
TOTAL	**35,299**	**34,797**	**452**	**283**	**160**	**2**	**15**	**5**	**0**	**4**	**13**	**33**	**71**
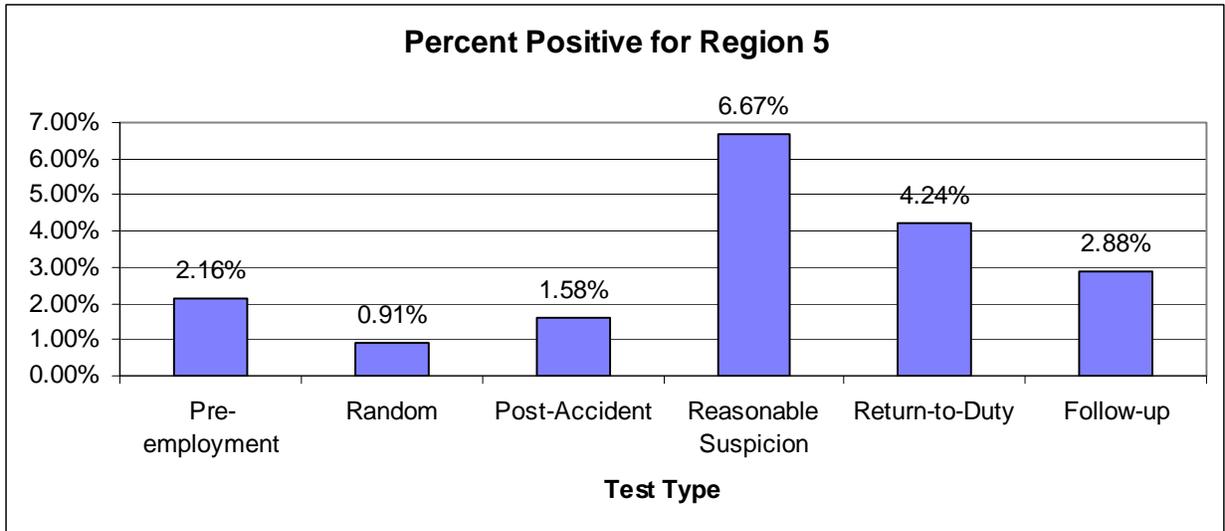
Figure 22. Percent Positive for All Test Types for Region 5

3.3.6 Drug Test Results for Region 6

Table 22 provides drug test results by test type and drugs detected for Region 6. Figure 23 illustrates the percent positive for all test types for Region 6.

Table 22. Drug Test Results by Test Type and Drugs Detected for Region 6

Test Type	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	Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
											Refusals		
Pre-employment	7,384	7,223	148	109	29	4	1	7	0	0	1	12	14
Random	10,474	10,399	59	30	26	0	3	2	0	0	2	14	21
Post-Accident	1,015	1,005	9	5	4	0	0	0	0	0	1	0	2
Reasonable Suspicion	22	19	2	1	1	0	0	0	0	0	0	1	0
Return-to-Duty	36	36	0	0	0	0	0	0	0	0	0	0	0
Follow-up	120	118	2	1	1	0	0	0	0	0	0	0	0
TOTAL	**19,051**	**18,800**	**220**	**146**	**61**	**4**	**4**	**9**	**0**	**0**	**4**	**27**	**37**
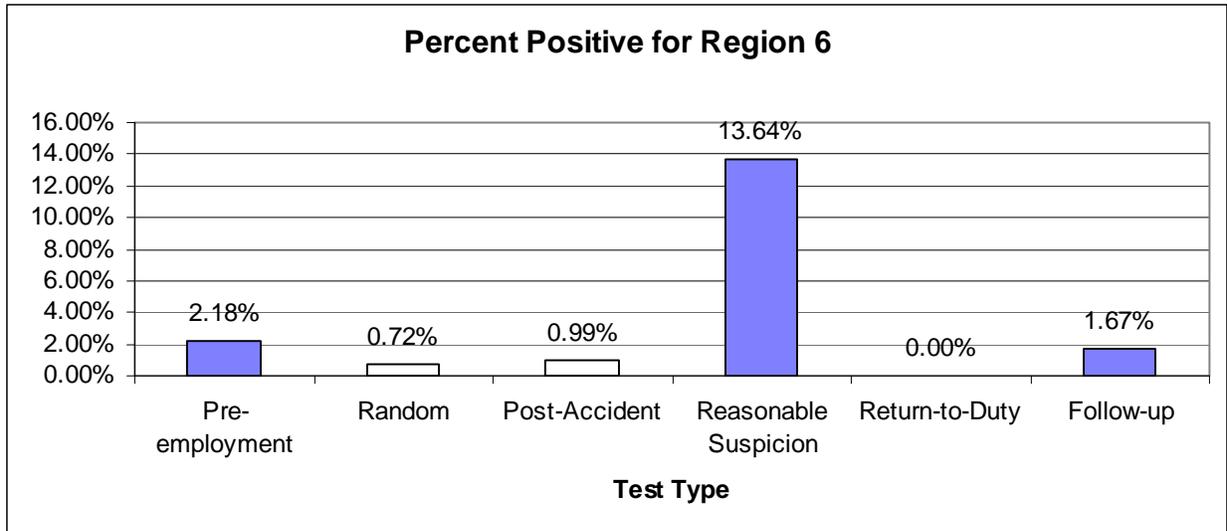
Figure 23. Percent Positive for All Test Types for Region 6

3.3.7 Drug Test Results for Region 7

Table 23 provides drug test results by test type and drugs detected for Region 7. Figure 24 illustrates the percent positive for all test types for Region 7.

Table 23. Drug Test Results by Test Type and Drugs Detected for Region 7

| Test Type | 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	3,250	3,206	39	36	1	0	0	2	1	0	0	4	8
Random	4,910	4,889	17	11	3	0	0	4	0	1	0	3	11
Post-Accident	390	385	3	3	0	0	0	0	0	0	0	2	0
Reasonable Suspicion	23	20	2	2	0	0	0	0	0	0	0	1	0
Return-to-Duty	45	44	1	1	0	0	0	0	0	0	0	0	0
Follow-up	144	139	5	4	1	0	0	1	0	0	0	0	0
TOTAL	**8,762**	**8,683**	**67**	**57**	**5**	**0**	**0**	**7**	**1**	**1**	**0**	**10**	**19**
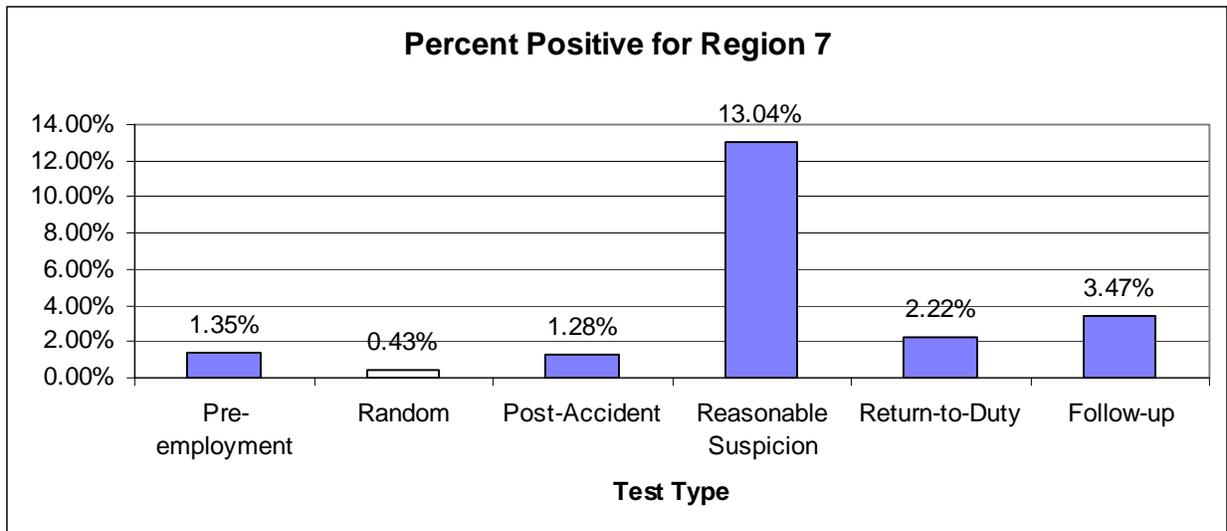
Figure 24. Percent Positive for All Test Types for Region 7

3.3.8 Drug Test Results for Region 8

Table 24 provides drug test results by test type and drugs detected for Region 8. Figure 25 illustrates the percent positive for all test types for Region 8.

Table 24. Drug Test Results by Test Type and Drugs Detected for Region 8

| Test Type | 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	4,156	4,056	95	69	22	0	0	5	0	1	0	4	11
Random	4,454	4,414	36	20	15	0	0	4	0	0	0	4	5
Post-Accident	379	369	9	5	4	0	0	0	1	0	0	0	1
Reasonable Suspicion	16	14	1	1	0	0	0	0	0	0	0	1	0
Return-to-Duty	37	37	0	0	0	0	0	0	0	0	0	0	0
Follow-up	138	133	5	5	1	0	0	0	0	0	0	0	0
TOTAL	**9,180**	**9,023**	**146**	**100**	**42**	**0**	**0**	**9**	**1**	**1**	**0**	**9**	**17**

Percent Positive for Region 8

- Pre-employment: 2.41%
- Random: 0.90%
- Post-Accident: 2.64%
- Reasonable Suspicion: 12.50%
- Return-to-Duty: 0.00%
- Follow-up: 3.62%
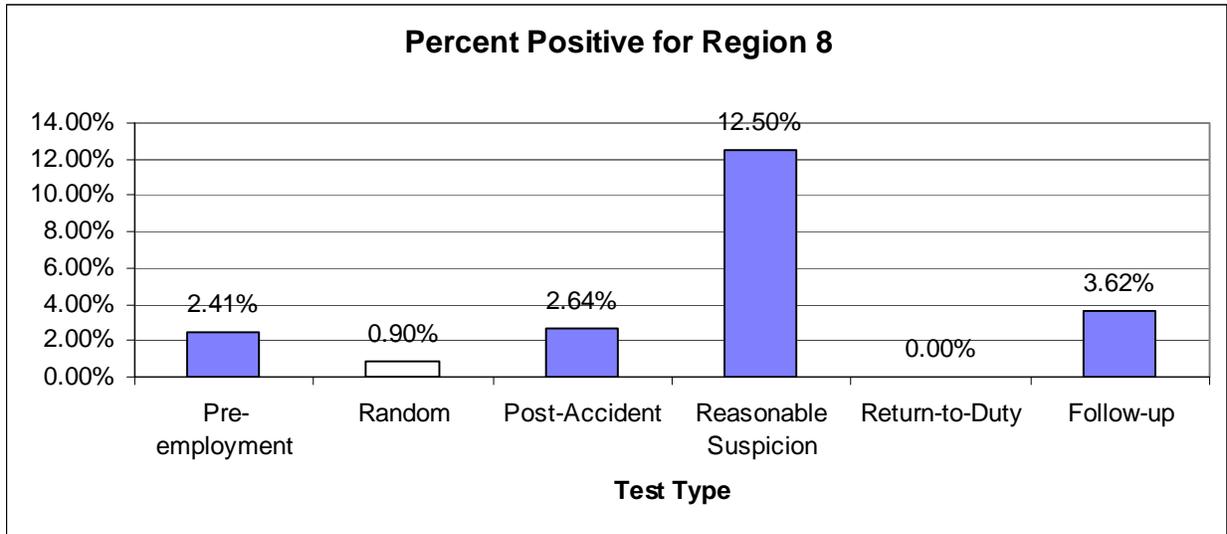
Figure 25. Percent Positive for All Test Types for Region 8

3.3.9 Drug Test Results for Region 9

Table 25 provides drug test results by test type and drugs detected for Region 9. Figure 26 illustrates the percent positive for all test types for Region 9.

Table 25. Drug Test Results by Test Type and Drugs Detected for Region 9

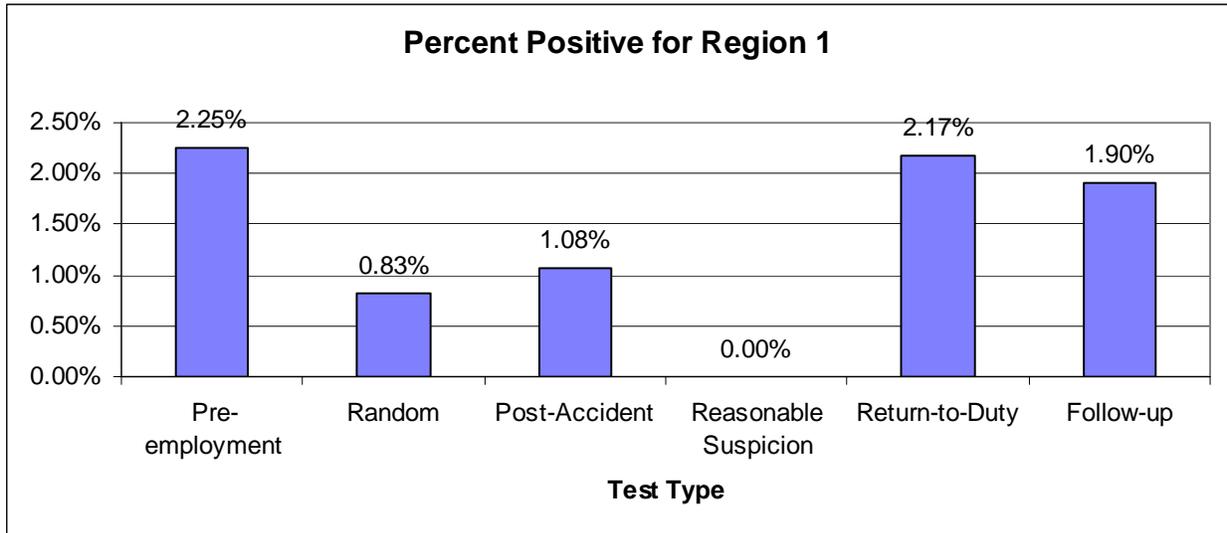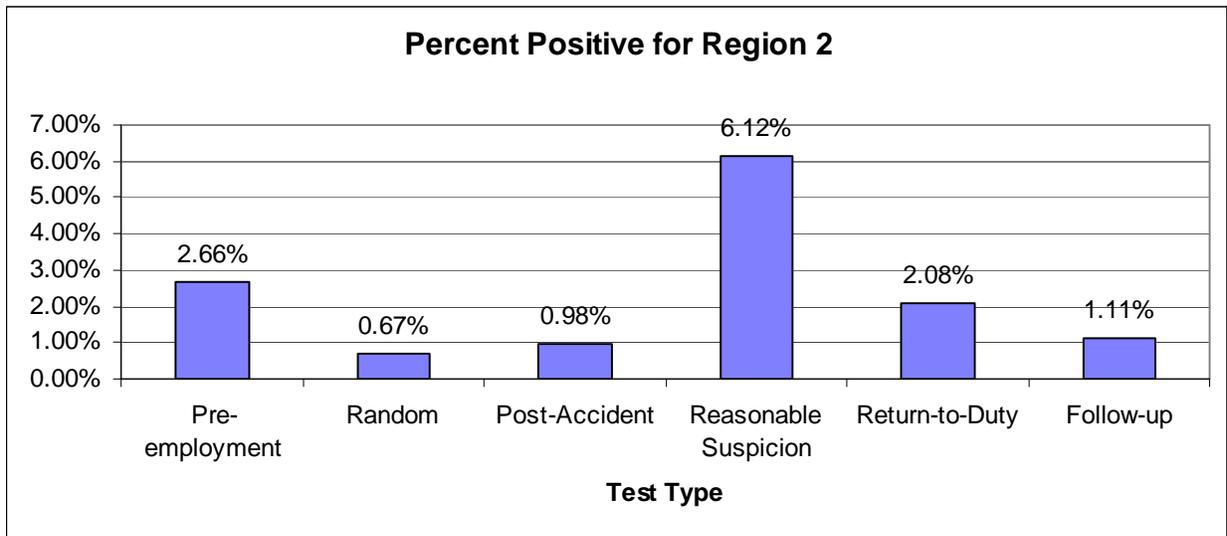| Test Type | Total Number of Test Results | Verified Negative Results | Verified Positive Results for One or More Drugs | Positive for Marijuana | Positive for Cocaine | Positive for PCP | Positive for Opiates | Positive for Amphetamines | Refusals | | | | Cancelled Tests |
									Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	
Pre-employment	18,382	17,830	510	347	102	9	12	57	8	0	1	33	54
Random	24,159	23,965	152	69	47	2	8	33	3	2	5	32	56
Post-Accident	2,531	2,508	22	10	8	0	1	4	0	0	0	1	10
Reasonable Suspicion	59	48	11	5	4	0	1	2	0	0	0	0	2
Return-to-Duty	173	171	2	2	0	0	0	0	0	0	0	0	0
Follow-up	1,385	1,359	24	11	11	0	0	3	0	0	0	2	9
TOTAL	**46,689**	**45,881**	**721**	**444**	**172**	**11**	**22**	**99**	**11**	**2**	**6**	**68**	**131**
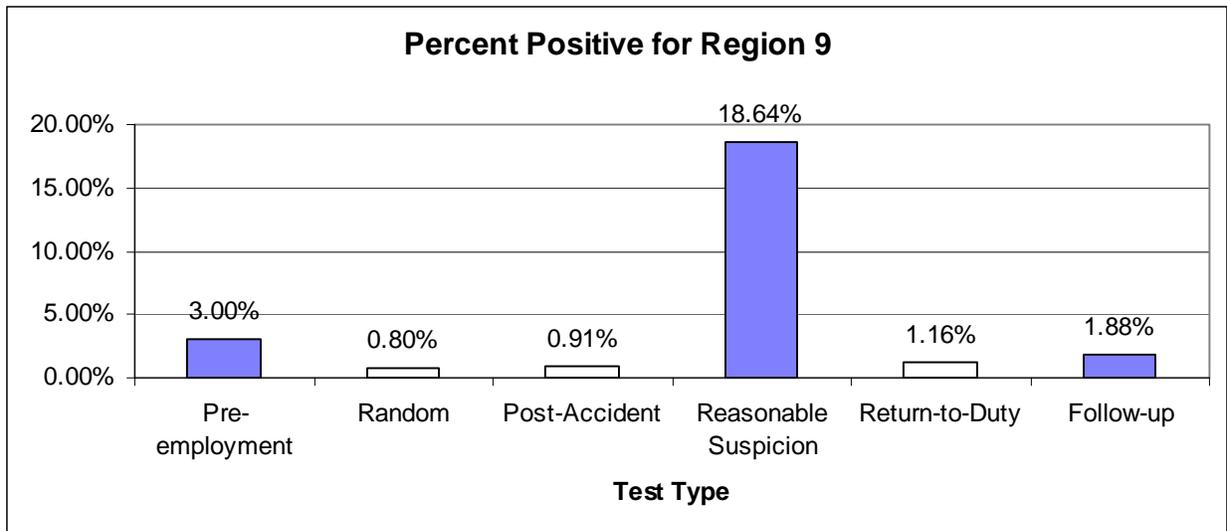
Figure 26. Percent Positive for All Test Types for Region 9

3.3.10 Drug Test Results for Region 10

Table 26 provides drug test results by test type and drugs detected for Region 10. Figure 27 illustrates the percent positive for all test types for Region 10.

Table 26. Drug Test Results by Test Type and Drugs Detected for Region 10

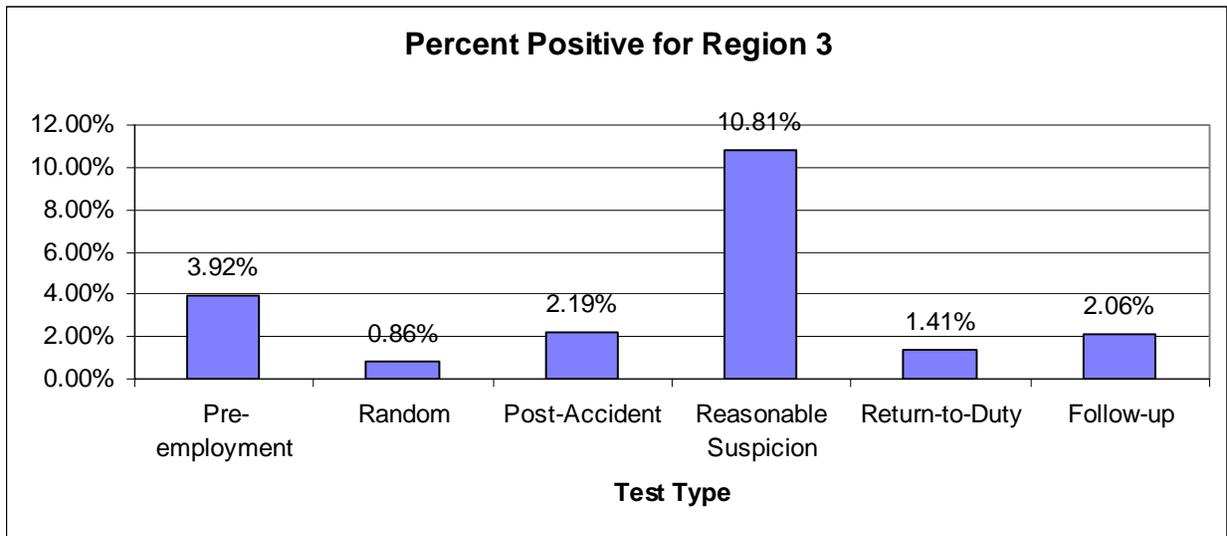| Test Type	Total Number of Test Results	Verified Negative Results	Verified Positive Results for One or More Drugs	Positive for Marijuana	Positive for Cocaine	Positive for PCP	Positive for Opiates	Positive for Amphetamines	Adulterated	Substituted	"Shy Bladder" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
									Refusals				
Pre-employment	4,167	4,122	41	27	7	0	2	6	0	0	0	4	4
Random	8,199	8,152	39	23	7	0	1	8	1	0	1	6	17
Post-Accident	818	807	11	7	3	0	0	1	0	0	0	0	3
Reasonable Suspicion	25	23	1	1	0	0	0	0	0	0	0	1	0
Return-to-Duty	36	35	1	1	0	0	0	0	0	0	0	0	0
Follow-up	262	258	4	2	2	0	0	0	0	0	0	0	1
TOTAL	**13,507**	**13,397**	**97**	**61**	**19**	**0**	**3**	**15**	**1**	**0**	**1**	**11**	**25**
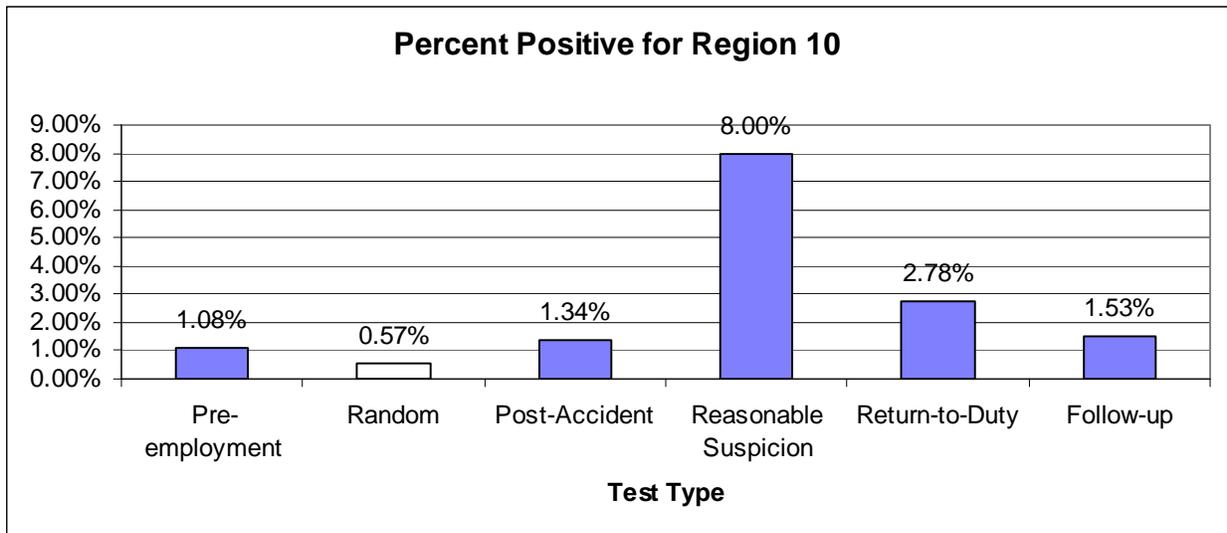
Figure 27. Percent Positive for All Test Types for Region 10

3.3.11 Drug Test Results for All Regions

Table 27 provides drug test results for all test types and drugs detected for each region. Figure 28 illustrates the percent positive for all test types by region.

Table 27. Drug Test Results for All Regions

| 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	11,227	11,077	137	79	52	1	3	4	0	0	1	12	21
2	46,750	46,141	576	338	239	4	12	2	9	4	6	14	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
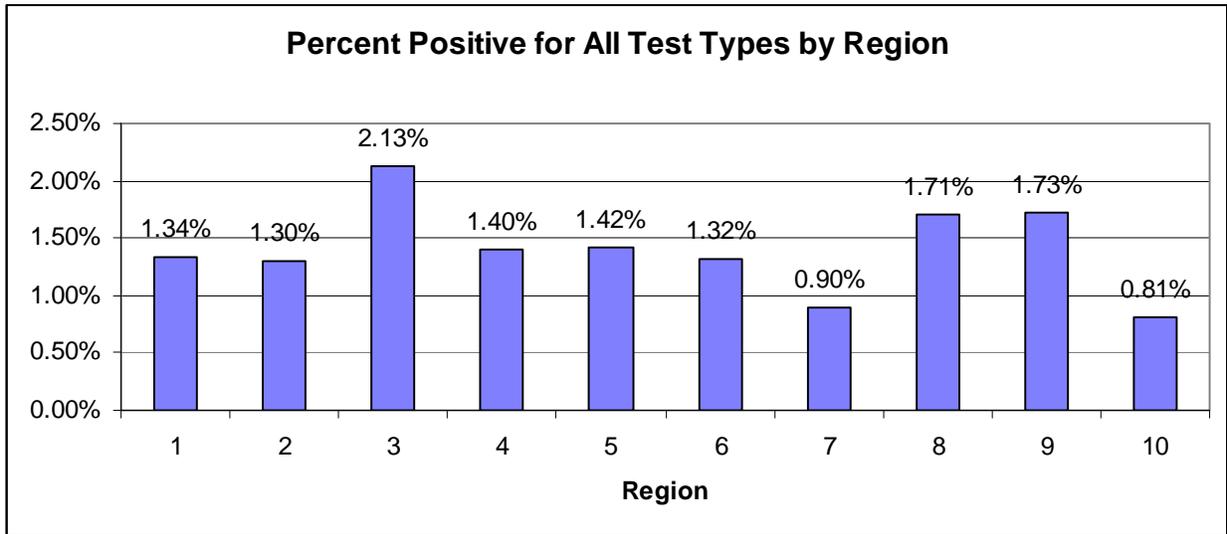
Figure 28. Percent Positive for All Test Types by Region

3.3.12 Drug Test Results for Transit Employers and Contractors

Table 28 provides drug test results for transit employers by region. Figure 29 illustrates the percent positive for transit employers by region. Table 29 provides drug test results for contractors by region. Figure 30 illustrates the percent positive for contractors by region.

Table 28. 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	7,583	7,486	86	50	32	0	2	3	0	0	1	10	12
2	32,786	32,533	240	144	95	3	3	0	0	2	4	7	27
3	19,088	18,833	234	124	96	15	5	3	1	1	1	18	32
4	22,632	22,401	214	135	79	0	3	3	2	0	2	13	38
5	25,704	25,457	214	131	77	1	8	3	0	1	12	20	46
6	14,697	14,543	136	86	40	2	4	7	0	0	4	14	21
7	7,488	7,441	41	37	2	0	0	4	1	1	0	4	15
8	5,507	5,428	72	49	23	0	0	4	0	1	0	6	10
9	22,829	22,622	192	119	49	1	8	22	0	0	2	13	52
10	9,358	9,308	44	23	11	0	2	8	1	0	0	5	21
TOTAL	167,672	166,052	1,473	898	504	22	35	57	5	6	26	110	274
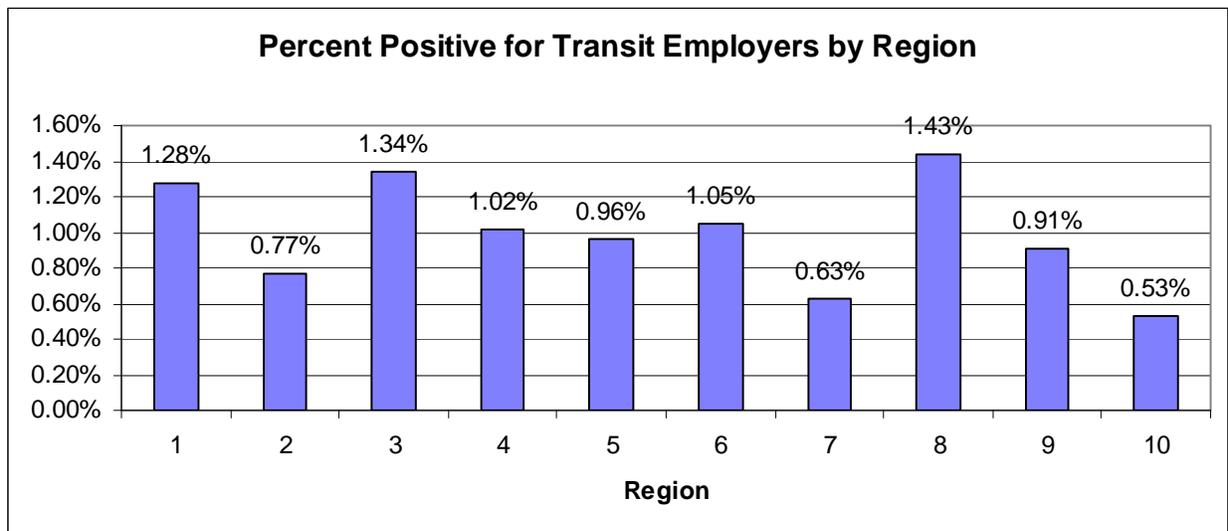
Figure 29. Percent Positive for Transit Employers by Region

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Table 29. 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	3,644	3,591	51	29	20	1	1	1	0	0	0	2	9
2	13,964	13,608	336	194	144	1	9	2	9	2	2	7	22
3	10,598	10,220	339	204	117	14	7	6	0	1	0	38	27
4	8,150	7,951	192	118	73	0	4	1	0	1	0	6	48
5	9,595	9,340	238	152	83	1	7	2	0	3	1	13	25
6	4,354	4,257	84	60	21	2	0	2	0	0	0	13	16
7	1,274	1,242	26	20	3	0	0	3	0	0	0	6	4
8	3,673	3,595	74	51	19	0	0	5	1	0	0	3	7
9	23,860	23,259	529	325	123	10	14	77	11	2	4	55	79
10	4,149	4,089	53	38	8	0	1	7	0	0	1	6	4
TOTAL	83,261	81,152	1,922	1,191	611	29	43	106	21	9	8	149	241
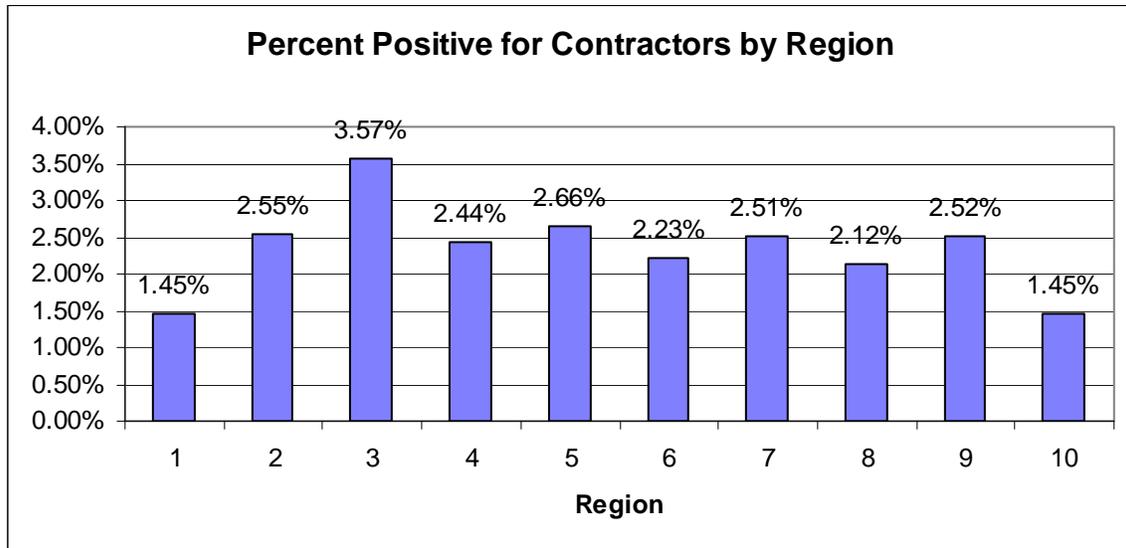
Figure 30. Percent Positive for Contractors by Region

4. Alcohol Test Results

4.1 Alcohol Test Results by Test Type and Employee Category

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

4.1.1 Pre-employment Alcohol Test Results

Table 30 provides alcohol results for pre-employment tests for each employee category. Figure 31 illustrates the percent positive for pre-employment tests by employee category.

Table 30. 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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Revenue Vehicle Operation	10,362	10,339	19	178	5	6	1	3	3
Revenue Vehicle & Equipment Maintenance	1,427	1,424	3	3	1	1	0	0	0
Revenue Vehicle Control/Dispatch	420	420	0	0	0	0	0	0	0
CDL/Non-Revenue Vehicle	249	249	0	0	0	0	0	0	0
Armed Security Personnel	262	262	0	0	0	0	0	0	0
TOTAL	**12,720**	**12,694**	**22**	**181**	**6**	**7**	**1**	**3**	**3**
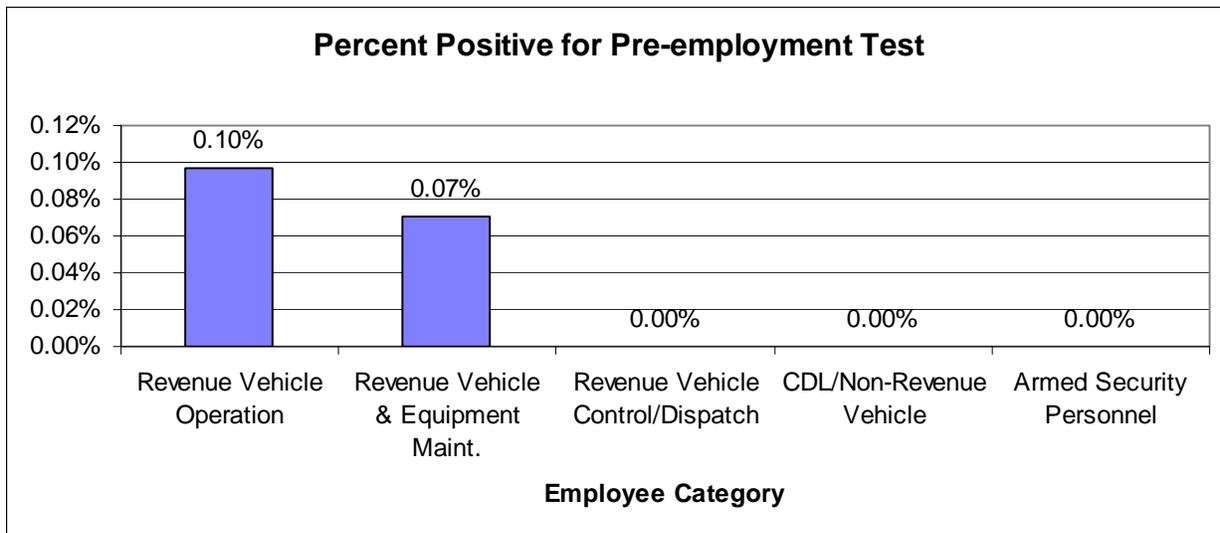
Figure 31. Percent Positive for Pre-employment Tests by Employee Category

4.1.2   Random Alcohol Test Results

Table 31 provides alcohol results for random tests for each employee category. Figure 32 illustrates the percent positive for random alcohol tests by employee category.

Table 31. 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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Revenue Vehicle Operation	28,118	28,049	51	146	15	23	5	13	43
Revenue Vehicle & Equipment Maintenance	7,632	7,612	20	18	9	6	0	0	2
Revenue Vehicle Control/Dispatch	3,012	3,001	6	3	2	0	0	5	3
CDL/Non-Revenue Vehicle	940	939	1	1	1	0	0	0	0
Armed Security Personnel	744	743	1	1	0	1	0	0	0
Ferry Boat Operator	403	403	0	0	0	0	0	0	0
TOTAL	**40,849**	**40,747**	**79**	**169**	**27**	**30**	**5**	**18**	**48**
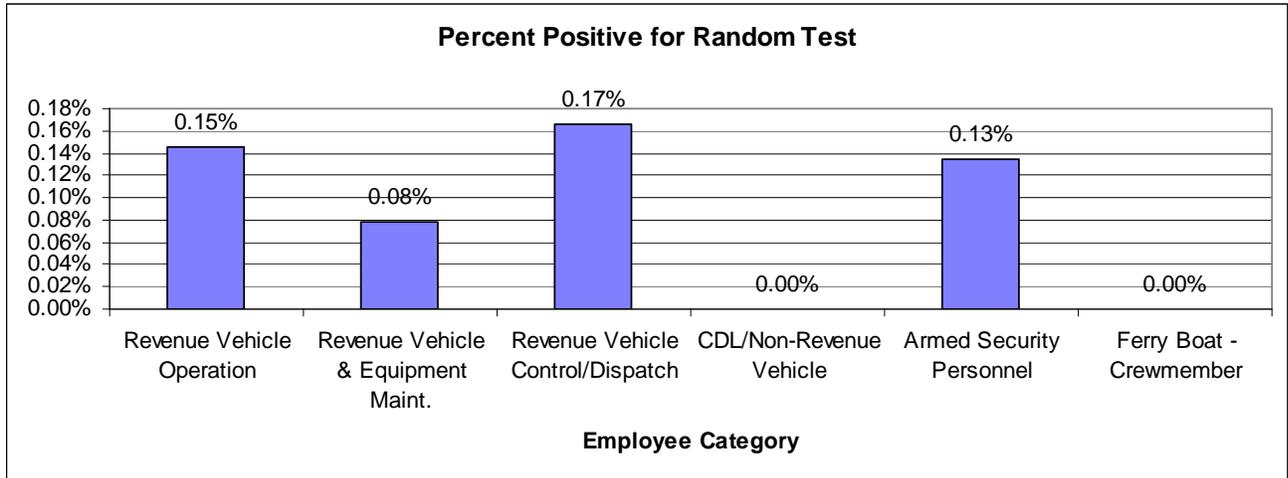
Figure 32. Percent Positive for Random Tests by Employee Category

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4.1.3 Post-Accident Alcohol Test Results

Table 32 provides alcohol results for post-accident tests for each employee category. Figure 33 illustrates the percent positive for post-accident tests by employee category.

Table 32. 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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Revenue Vehicle Operation	11,482	11,459	18	14	6	7	2	3	8
Revenue Vehicle & Equipment Maintenance	479	478	1	0	0	0	0	0	1
Revenue Vehicle Control/Dispatch	96	96	0	0	0	0	0	0	0
CDL/Non-Revenue Vehicle	56	56	0	0	0	0	0	0	0
Armed Security Personnel	67	67	0	0	0	0	0	0	0
TOTAL	**12,180**	**12,156**	**19**	**14**	**6**	**7**	**2**	**3**	**9**
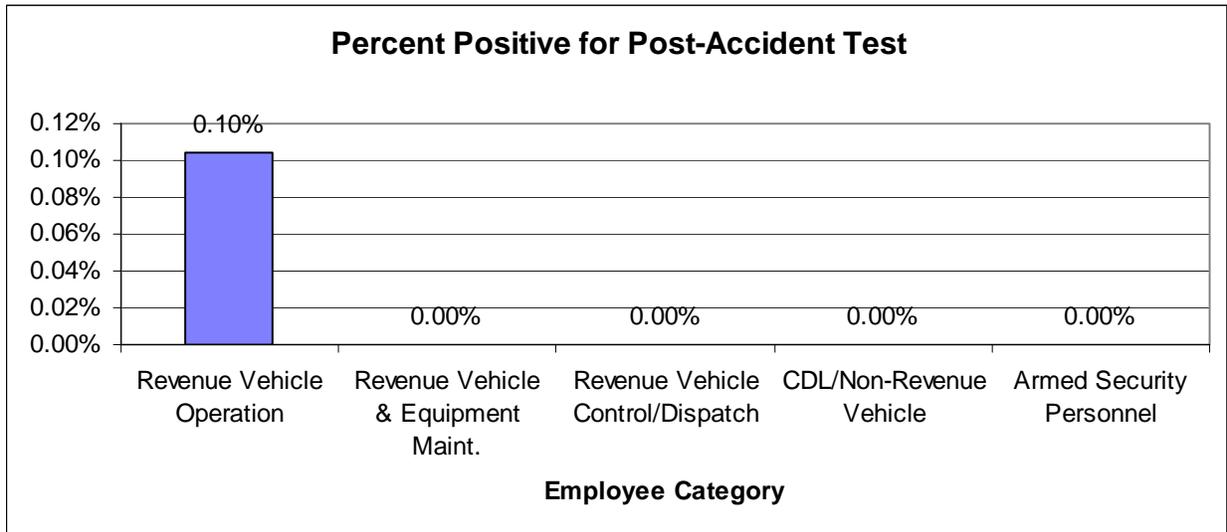
Figure 33. Percent Positive for Post-Accident Tests by Employee Category

4.1.4 Reasonable Suspicion Alcohol Test Results

Table 33 provides alcohol results for reasonable suspicion tests for each employee category. Figure 34 illustrates the percent positive for reasonable suspicion tests by employee category.

Table 33. 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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Revenue Vehicle Operation	372	308	59	52	14	35	0	5	0
Revenue Vehicle & Equipment Maintenance	75	57	18	16	3	12	0	0	1
Revenue Vehicle Control/Dispatch	13	9	3	3	1	1	0	1	0
CDL/Non-Revenue Vehicle	7	6	1	1	1	0	0	0	0
Armed Security Personnel	5	2	3	2	0	1	0	0	0
TOTAL	**472**	**382**	**84**	**74**	**19**	**49**	**0**	**6**	**1**
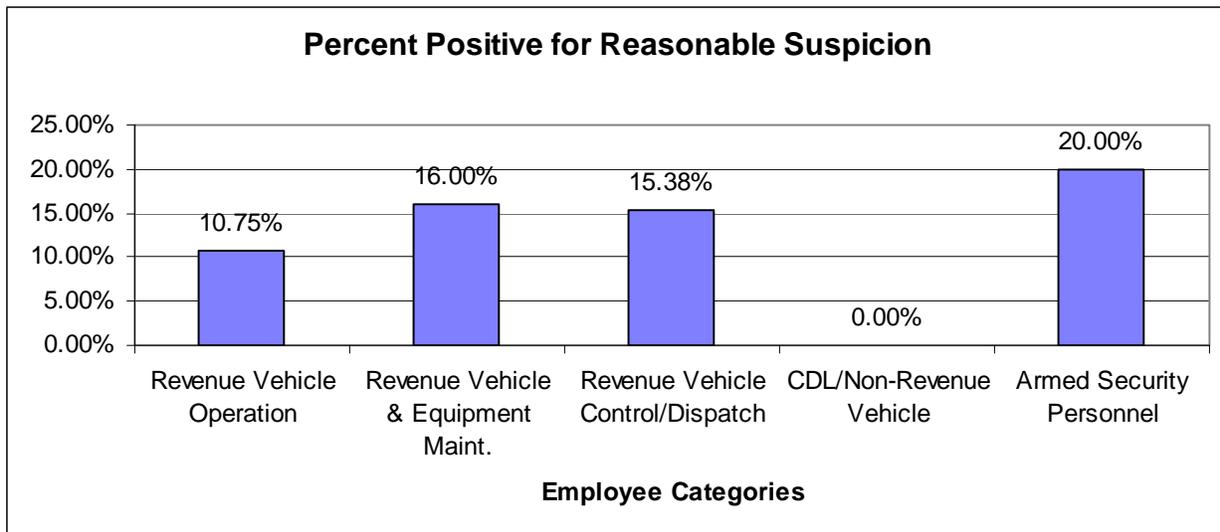
Figure 34. Percent Positive for Reasonable Suspicion Tests by Employee Category

4.1.5 Return-to-Duty Alcohol Test Results

Table 34 provides alcohol results for return-to-duty tests for each employee category. Figure 35 illustrates the percent positive for return-to-duty tests by employee category.

Table 34. 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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Revenue Vehicle Operation	373	372	1	1	0	1	0	0	0
Revenue Vehicle & Equipment Maintenance	117	117	0	0	0	0	0	0	0
Revenue Vehicle Control/Dispatch	25	25	0	0	0	0	0	0	0
CDL/Non-Revenue Vehicle	12	12	0	0	0	0	0	0	0
Armed Security Personnel	2	2	0	0	0	0	0	0	0
TOTAL	**529**	**528**	**1**	**1**	**0**	**1**	**0**	**0**	**0**
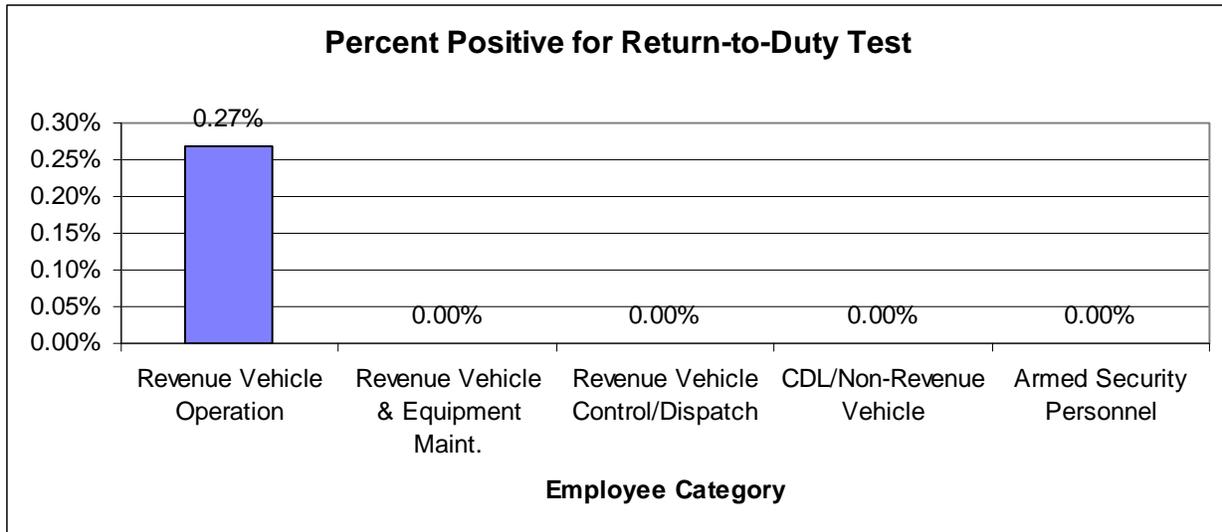
Figure 35. Percent Positive for Return-to-Duty Tests by Employee Category

4.1.6 Follow-up Alcohol Test Results

Table 35 provides alcohol results for follow-up tests for each employee category. Figure 36 illustrates the percent positive for follow-up tests by employee category.

Table 35. 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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Revenue Vehicle Operation	3,181	3,166	14	14	2	11	0	1	1
Revenue Vehicle & Equipment Maintenance	1,421	1,416	5	5	1	4	0	0	0
Revenue Vehicle Control/Dispatch	146	146	0	0	0	0	0	0	0
CDL/Non-Revenue Vehicle	142	142	0	0	0	0	0	0	0
Armed Security Personnel	24	24	0	0	0	0	0	0	0
TOTAL	**4,914**	**4,894**	**19**	**19**	**3**	**15**	**0**	**1**	**1**
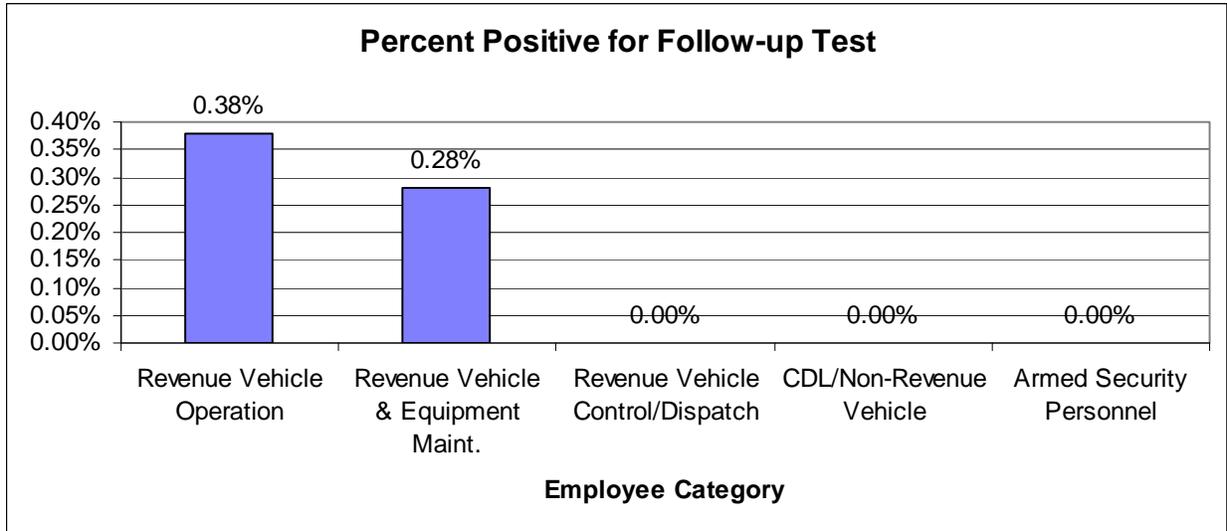
Figure 36. Percent Positive for Follow-up Tests by Employee Category

4.1.7 Alcohol Test Results for All Employee Categories by Test Type

Table 36 provides alcohol results for all employee categories by test type. Figure 37 illustrates the percent positive for all employee categories by test type.

Table 36. Alcohol Test Results for All Test Types

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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Pre-employment	12,720	12,694	22	181	6	7	1	3	3
Random	40,849	40,747	79	169	27	30	5	18	50
Post-Accident	12,180	12,156	19	14	6	7	2	3	9
Reasonable Suspicion	472	382	84	74	19	49	0	6	1
Return-to-Duty	529	528	1	1	0	1	0	0	0
Follow-up	4,914	4,894	19	19	3	15	0	1	1
TOTAL	**71,664**	**71,401**	**224**	**458**	**61**	**109**	**8**	**31**	**64**
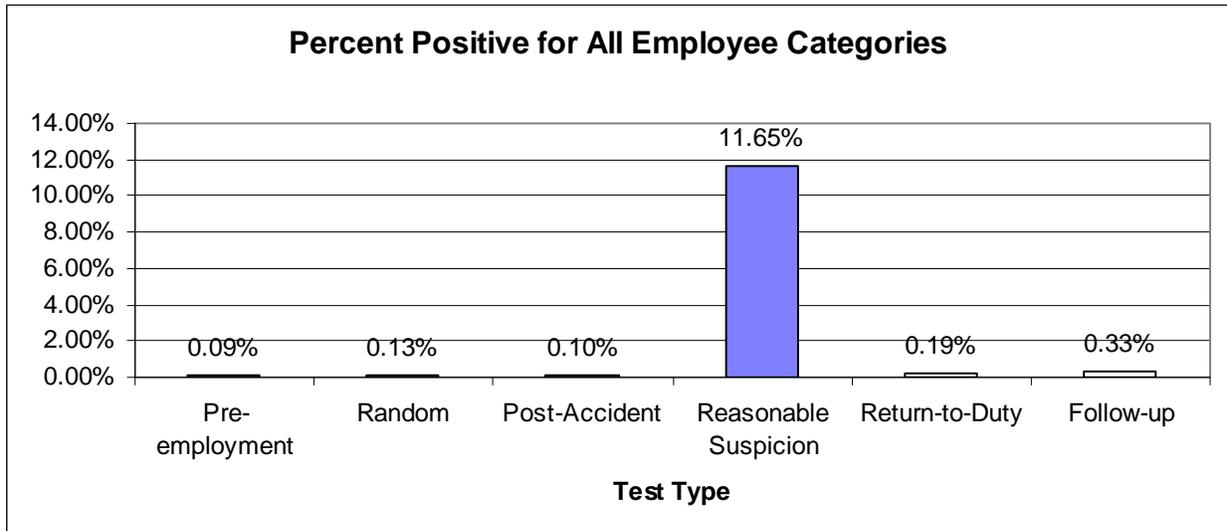
Figure 37. Percent Positive for All Employee Categories by Test Type

4.2   Alcohol Results by Employee Category

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

4.2.1   Revenue Vehicle Operation

Table 37 provides alcohol results for the revenue vehicle operation employee category by test type. Figure 38 illustrates the percent positive for the revenue vehicle operation employee category by test type.

Table 37. Alcohol Results for Revenue Vehicle Operation by Test Type

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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Pre-employment	10,362	10,339	19	178	5	6	1	3	3
Random	28,118	28,049	51	146	15	23	5	13	43
Post-Accident	11,482	11,459	18	14	6	7	2	3	8
Reasonable Suspicion	372	308	59	52	14	35	0	5	0
Return-to-Duty	373	372	1	1	0	1	0	0	0
Follow-up	3,181	3,166	14	14	2	11	0	1	1
TOTAL	**53,888**	**53,693**	**162**	**405**	**42**	**83**	**8**	**25**	**55**
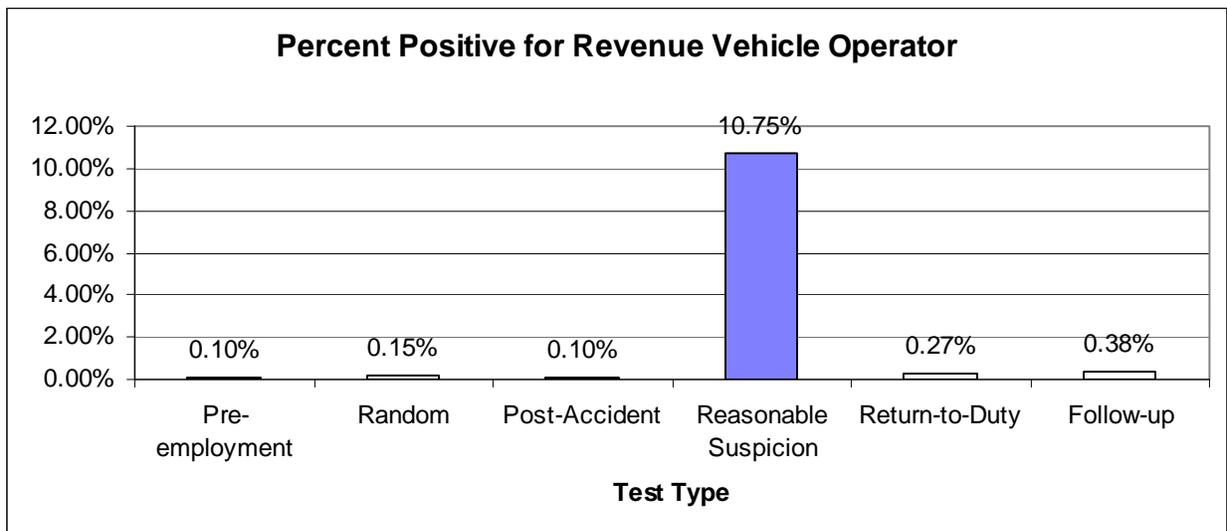
Figure 38. Percent Positive for the Revenue Vehicle Operation Employee Category by Test Type

4.2.2 Revenue Vehicle and Equipment Maintenance

Table 38 provides alcohol results for the revenue vehicle and equipment maintenance employee category by test type. Figure 39 illustrates the percent positive for the revenue vehicle and equipment maintenance employee category by test type.

Table 38. Alcohol Results for Revenue Vehicle and Equipment Maintenance by Test Type

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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Pre-employment	1,427	1,424	3	3	1	1	0	0	0
Random	7,632	7,612	20	18	9	6	0	0	2
Post-Accident	479	478	1	0	0	0	0	0	1
Reasonable Suspicion	75	57	18	16	3	12	0	0	1
Return-to-Duty	117	117	0	0	0	0	0	0	0
Follow-up	1,421	1,416	5	5	1	4	0	0	0
TOTAL	**11,151**	**11,104**	**47**	**42**	**14**	**23**	**0**	**0**	**4**
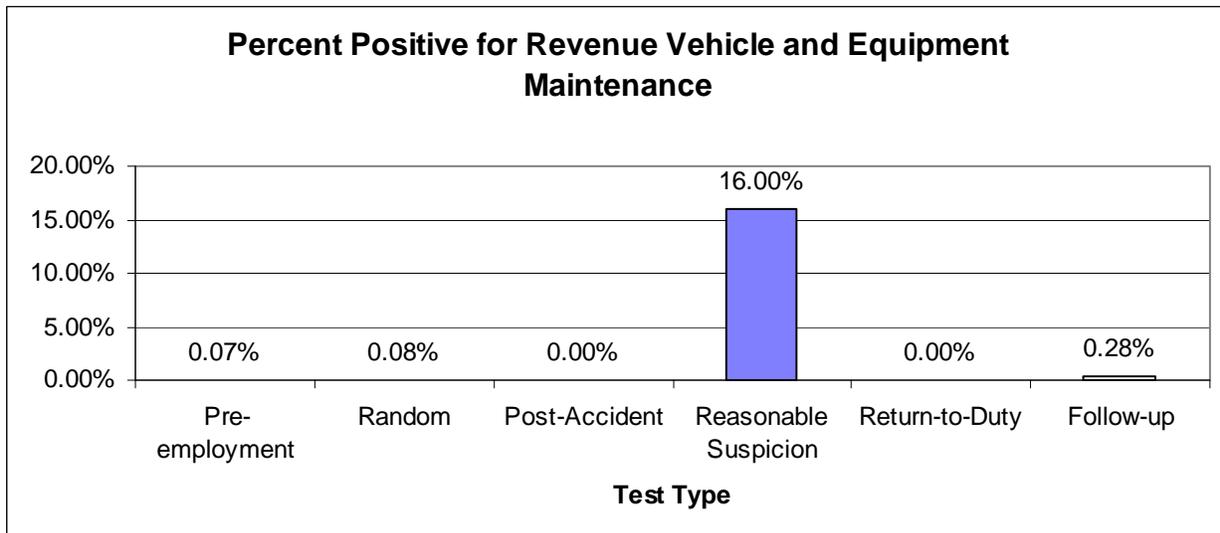
Figure 39. Percent Positive for the Revenue Vehicle and Equipment Maintenance Employee Category by Test Type

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4.2.3   Revenue Vehicle Control/Dispatch

Table 39 provides alcohol results for the revenue vehicle control/dispatch employee category by test type. Figure 40 illustrates the percent positive for the revenue vehicle control/dispatch employee category by test type.

Table 39. Alcohol Results for Revenue Vehicle Control/Dispatch by Test Type

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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Pre-employment	420	420	0	0	0	0	0	0	0
Random	3,012	3,001	6	3	2	0	0	5	3
Post-Accident	96	96	0	0	0	0	0	0	0
Reasonable Suspicion	13	9	3	3	1	1	0	1	0
Return-to-Duty	25	25	0	0	0	0	0	0	0
Follow-up	146	146	0	0	0	0	0	0	0
TOTAL	**3,712**	**3,697**	**9**	**6**	**3**	**1**	**0**	**6**	**3**
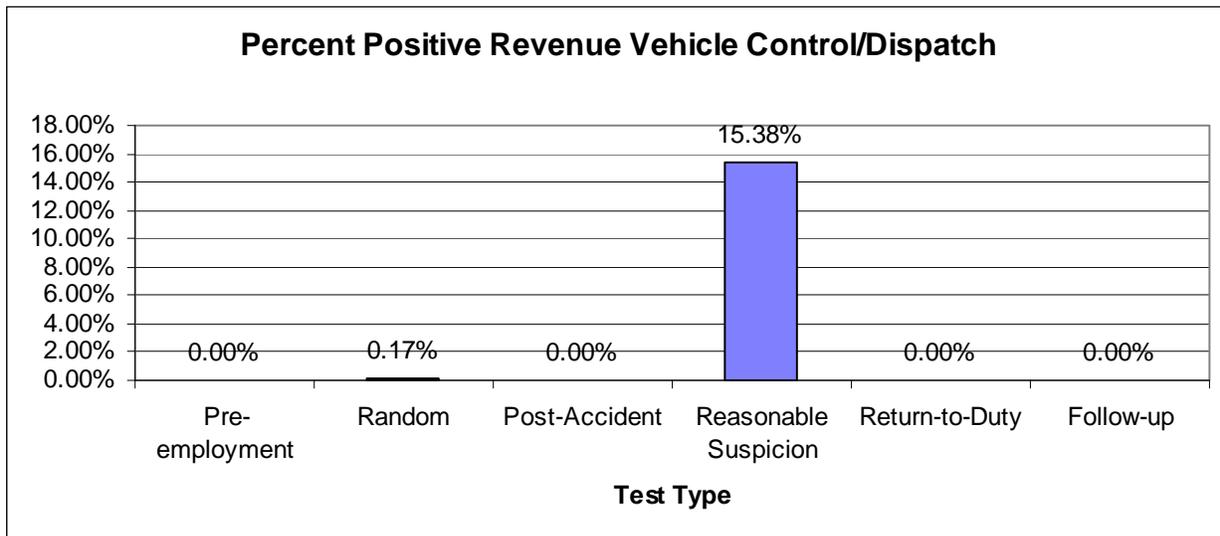
**Figure 40. Percent Positive for the Revenue Vehicle Control/
Dispatch Employee Category by Test Type**

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4.2.4 CDL/Non-Revenue Vehicle

Table 40 provides alcohol results for the CDL/non-revenue vehicle employee category by test type. Figure 41 illustrates the percent positive for the CDL/non-revenue vehicle employee category by test type.

Table 40. Alcohol Results for CDL/Non-Revenue Vehicle by Test Type

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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Pre-employment	249	249	0	0	0	0	0	0	0
Random	940	939	1	1	1	0	0	0	0
Post-Accident	56	56	0	0	0	0	0	0	0
Reasonable Suspicion	7	6	1	1	1	0	0	0	0
Return-to-Duty	12	12	0	0	0	0	0	0	0
Follow-up	142	142	0	0	0	0	0	0	0
TOTAL	**1,406**	**1,404**	**2**	**2**	**2**	**0**	**0**	**0**	**0**
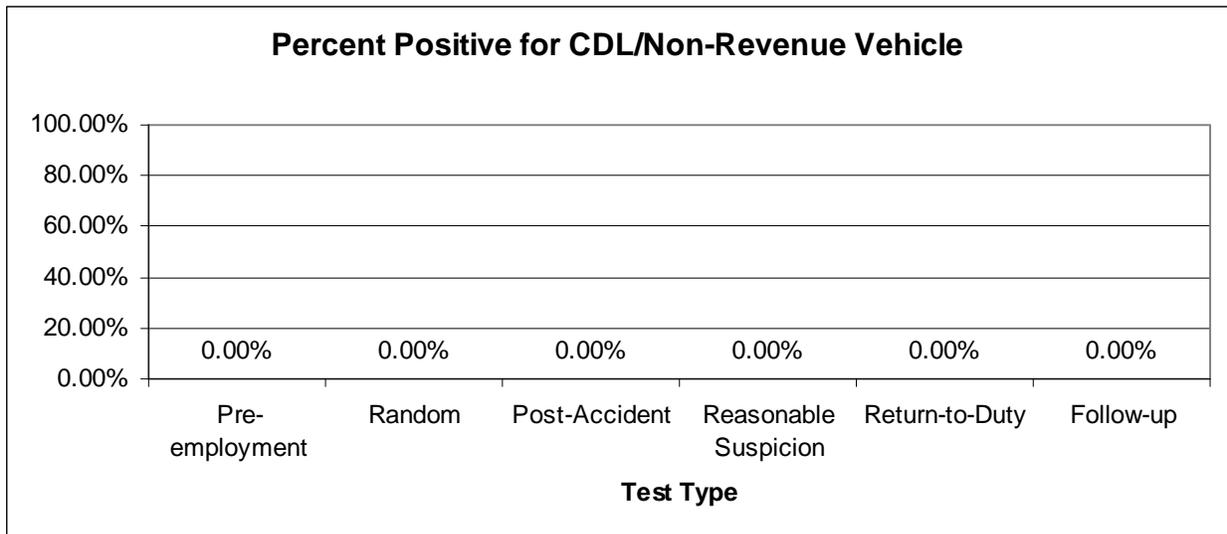
**Figure 41. Percent Positive for the CDL/Non-Revenue Vehicle
Employee Category by Test Type**

4.2.5 Armed Security Personnel

Table 41 provides alcohol results for the armed security personnel employee category by test type. Figure 42 illustrates the percent positive for the armed security personnel employee category by test type.

Table 41. Alcohol Results for Armed Security Personnel by Test Type

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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Pre-employment	262	262	0	0	0	0	0	0	0
Random	744	743	1	1	0	1	0	0	0
Post-Accident	67	67	0	0	0	0	0	0	0
Reasonable Suspicion	5	2	3	2	0	1	0	0	0
Return-to-Duty	2	2	0	0	0	0	0	0	0
Follow-up	24	24	0	0	0	0	0	0	0
TOTAL	**1,104**	**1,100**	**4**	**3**	**0**	**2**	**0**	**0**	**0**
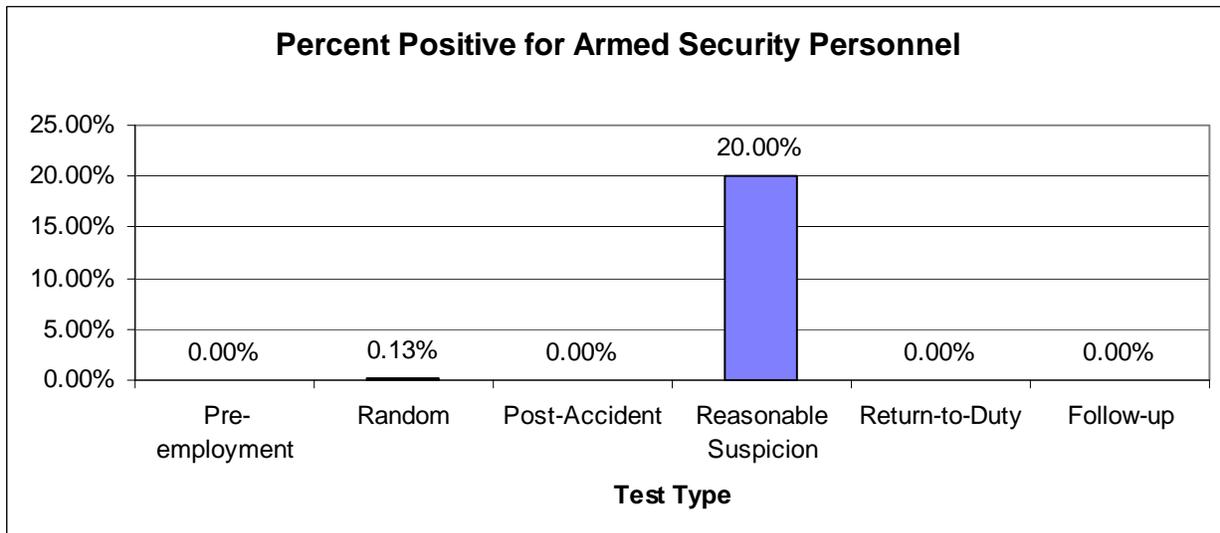
Figure 42. Percent Positive for the Armed Security Personnel Employee Category by Test Type

4.2.6 Ferry Boat Operator

On April 22, 2002, FTA published a Notice of Interpretation in the Federal Register that changed the applicability of the FTA Drug and Alcohol Testing Regulations to FTA-funded ferry boat operators. Previously, public transit ferry operators were required to comply with both the FTA and USCG regulations. The interpretation stated that FTA-funded ferry operations that comply with the relevant USCG drug and alcohol testing regulations were to be deemed in concurrent compliance with the FTA drug testing regulations. Since the USCG does not have a random alcohol testing provision that is similar to FTA's, the ferry operators were still required to comply with FTA's random alcohol testing requirements as defined in Section 655.45. On June 5, 2006, FTA published a Notice of Proposed Rulemaking (NPRM) that proposed to codify this interpretation in the final rule. If a ferry boat operator fails to be in compliance with the USCG testing regulations (46 CFR Part 4 and 16, and 33 CFR Part 95) or the FTA random alcohol testing regulations, the operator will be in non-compliance with 49 CFR Part 655. The employee is also subject to FTA consequences defined in Subpart G of the FTA regulations. The employer is responsible for the administrative and compliance certification requirements defined in Subparts H and I of the FTA regulations. This NPRM became a Final Rule, issued in November of 2006, and became effective January 2, 2007.

Table 42 provides alcohol results for the ferry boat operator employee category for random tests only.

Table 42. Alcohol Results for Ferry Boat Operator for a Random Test

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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Random	403	403	0	0	0	0	0	0	2
TOTAL	**403**	**403**	**0**	**0**	**0**	**0**	**0**	**0**	**2**

4.2.7 Alcohol Test Results for All Employee Categories

Table 43 provides alcohol results for all test types by employee category. Figure 43 illustrates the percent positive for all test types by employee category.

Table 43. Alcohol Results for All Employee Categories by Test Type

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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Revenue Vehicle Operation	53,888	53,693	162	405	42	83	8	25	55
Revenue Vehicle & Equipment Maintenance	11,151	11,104	47	42	14	23	0	0	4
Revenue Vehicle Control/Dispatch	3,712	3,697	9	6	3	1	0	6	3
CDL/Non-Revenue Vehicle	1,406	1,404	2	2	2	0	0	0	0
Armed Security Personnel	1,104	1,100	4	3	0	2	0	0	0
Ferry Boat Operator	403	403	0	0	0	0	0	0	0
TOTAL	**71,664**	**70,998**	**224**	**458**	**61**	**109**	**8**	**31**	**62**
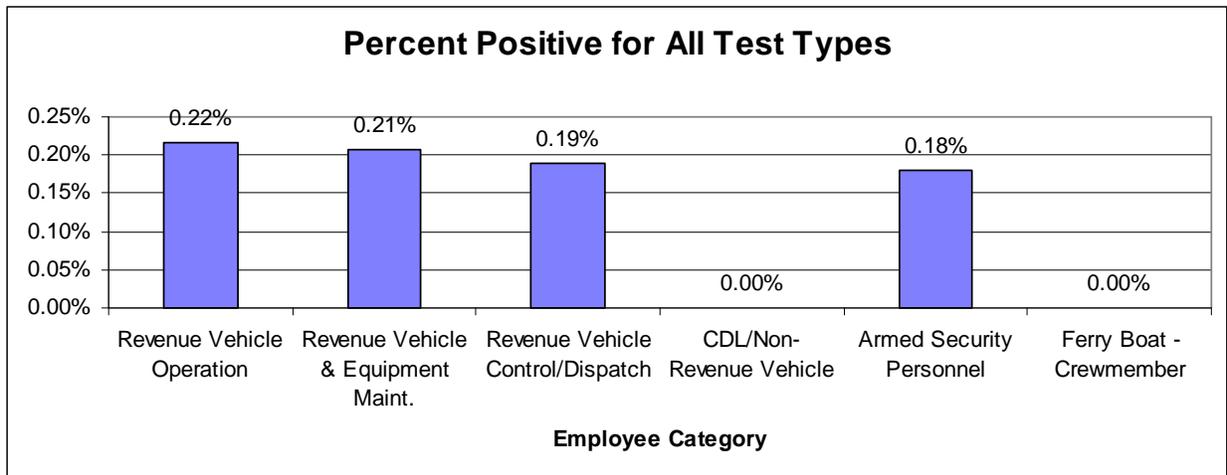
Figure 43. Percent Positive for All Test Types by Employee Category

46

4.3 Alcohol Test Results by Region

The following section provides alcohol test results for all test types, by each employee category, and for every region.

4.3.1 Alcohol Test Results for Region 1

Table 44 provides alcohol test results by employee category for all test types within Region 1. Figure 44 illustrates the percent positive by employee category for all test types within Region 1.

Table 44. Alcohol Results by Employee Category for All Test Types within 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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Revenue Vehicle Operation	1,903	1,895	7	6	1	4	0	1	0
Revenue Vehicle & Equipment Maintenance	333	332	1	1	0	1	0	0	0
Revenue Vehicle Control/Dispatch	135	135	0	0	0	0	0	0	1
CDL/Non-Revenue Vehicle	36	36	0	0	0	0	0	0	0
Armed Security Personnel	54	54	0	0	0	0	0	0	0
Ferry Boat Operator	0	0	0	0	0	0	0	0	0
TOTAL	**2,461**	**2,452**	**8**	**7**	**1**	**5**	**0**	**1**	**1**

Figure 44. Percent Positive by Employee Category for All Test Types within Region 1

4.3.2 Alcohol Test Results for Region 2

Table 45 provides alcohol test results by employee category for all test types within Region 2. Figure 45 illustrates the percent positive by employee category for all test types within Region 2.

Table 45. Alcohol Results by Employee Category for All Test Types within 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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Revenue Vehicle Operation	10,102	10,074	27	17	4	12	0	1	6
Revenue Vehicle & Equipment Maintenance	3,093	3,070	23	22	8	11	0	0	0
Revenue Vehicle Control/Dispatch	737	733	4	3	1	0	0	0	0
CDL/Non-Revenue Vehicle	217	217	0	0	0	0	0	0	0
Armed Security Personnel	271	270	1	1	0	1	0	0	0
Ferry Boat Operator	403	403	0	0	0	0	0	0	2
TOTAL	**14,823**	**14,767**	**55**	**43**	**13**	**24**	**0**	**1**	**8**

Percent Positive by Employee Category (Region 2)

- Revenue Vehicle Operation: 0.13%
- Revenue Vehicle & Equipment Maint.: 0.36%
- Revenue Vehicle Control/Dispatch: 0.00%
- CDL/Non-Revenue Vehicle: 0.00%
- Armed Security Personnel: 0.37%
- Ferry Boat - Crewmember: 0.00%

Figure 45. Percent Positive by Employee Category for All Test Types within Region 2

4.3.3 Alcohol Test Results for Region 3

Table 46 provides alcohol test results by employee category for all test types within Region 3. Figure 46 illustrates the percent positive by employee category for all test types within Region 3.

Table 46. Alcohol Results by Employee Category for All Test Types within 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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Revenue Vehicle Operation	8,906	8,868	32	27	11	13	0	6	2
Revenue Vehicle & Equipment Maintenance	1,826	1,823	3	3	3	0	0	0	2
Revenue Vehicle Control/Dispatch	398	396	1	1	0	1	0	1	0
CDL/Non-Revenue Vehicle	390	389	1	1	1	0	0	0	0
Armed Security Personnel	319	319	0	0	0	0	0	0	0
Ferry Boat Operator	0	0	0	0	0	0	0	0	0
TOTAL	**11,839**	**11,795**	**37**	**32**	**15**	**14**	**0**	**7**	**4**

Figure 46. Percent Positive by Employee Category (Region 3). Categories with values: Revenue Vehicle Operation 0.21%, Revenue Vehicle & Equipment Maint. 0.00%, Revenue Vehicle Control/Dispatch 0.50%, CDL/Non-Revenue Vehicle 0.00%, Armed Security Personnel 0.00%, Ferry Boat - Crewmember 0.00%.

Figure 46. Percent Positive by Employee Category for All Test Types within Region 3

4.3.4   Alcohol Test Results for Region 4

Table 47 provides alcohol test results by employee category for all test types within Region 4. Figure 47 illustrates the percent positive by employee category for all test types within Region 4.

Table 47. Alcohol Results by Employee Category for All Test Types within 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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Revenue Vehicle Operation	6,746	6,728	13	8	3	4	1	4	10
Revenue Vehicle & Equipment Maintenance	1,308	1,305	3	2	2	0	0	0	1
Revenue Vehicle Control/Dispatch	701	699	1	0	0	0	0	1	1
CDL/Non-Revenue Vehicle	223	223	0	0	0	0	0	0	0
Armed Security Personnel	147	146	1	1	0	0	0	0	0
Ferry Boat Operator	0	0	0	0	0	0	0	0	0
TOTAL	**9,125**	**9,101**	**18**	**11**	**5**	**4**	**1**	**5**	**12**

Figure 47. Percent Positive by Employee Category for All Test Types within Region 4

4.3.5 Alcohol Test Results for Region 5

Table 48 provides alcohol test results by employee category for all test types within Region 5. Figure 48 illustrates the percent positive by employee category for all test types within Region 5.

Table 48. Alcohol Results by Employee Category for All Test Types within 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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Revenue Vehicle Operation	7,602	7,564	33	33	7	24	2	3	4
Revenue Vehicle & Equipment Maintenance	1,419	1,416	3	2	0	2	0	0	0
Revenue Vehicle Control/Dispatch	537	536	1	0	0	0	0	0	0
CDL/Non-Revenue Vehicle	112	112	0	0	0	0	0	0	0
Armed Security Personnel	28	28	0	0	0	0	0	0	0
Ferry Boat Operator	0	0	0	0	0	0	0	0	0
TOTAL	**9,698**	**9,656**	**37**	**35**	**7**	**26**	**2**	**3**	**4**

Percent Positive by Employee Category (Region 5)

- Revenue Vehicle Operation: 0.38%
- Revenue Vehicle & Equipment Maint.: 0.14%
- Revenue Vehicle Control/Dispatch: 0.00%
- CDL/Non-Revenue Vehicle: 0.00%
- Armed Security Personnel: 0.00%
- Ferry Boat - Crewmember: 0.00%

Employee Category

Figure 48. Percent Positive by Employee Category for All Test Types within Region 5

4.3.6 Alcohol Test Results for Region 6

Table 49 provides alcohol test results by employee category for all test types within Region 6. Figure 49 illustrates the percent positive by employee category for all test types within Region 6.

Table 49. Alcohol Results by Employee Category for All Test Types within 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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Revenue Vehicle Operation	3,613	3,602	7	7	1	5	2	2	13
Revenue Vehicle & Equipment Maintenance	698	694	4	3	0	3	0	0	0
Revenue Vehicle Control/Dispatch	281	279	0	0	0	0	0	2	0
CDL/Non-Revenue Vehicle	107	107	0	0	0	0	0	0	0
Armed Security Personnel	127	126	1	1	0	1	0	0	0
Ferry Boat Operator	0	0	0	0	0	0	0	0	0
TOTAL	**4,826**	**4,808**	**12**	**11**	**1**	**9**	**2**	**4**	**13**

Percent Positive by Employee Category (Region 6)

- Revenue Vehicle Operation: 0.25%
- Revenue Vehicle & Equipment Maint.: 0.43%
- Revenue Vehicle Control/Dispatch: 0.71%
- CDL/Non-Revenue Vehicle: 0.00%
- Armed Security Personnel: 0.79%
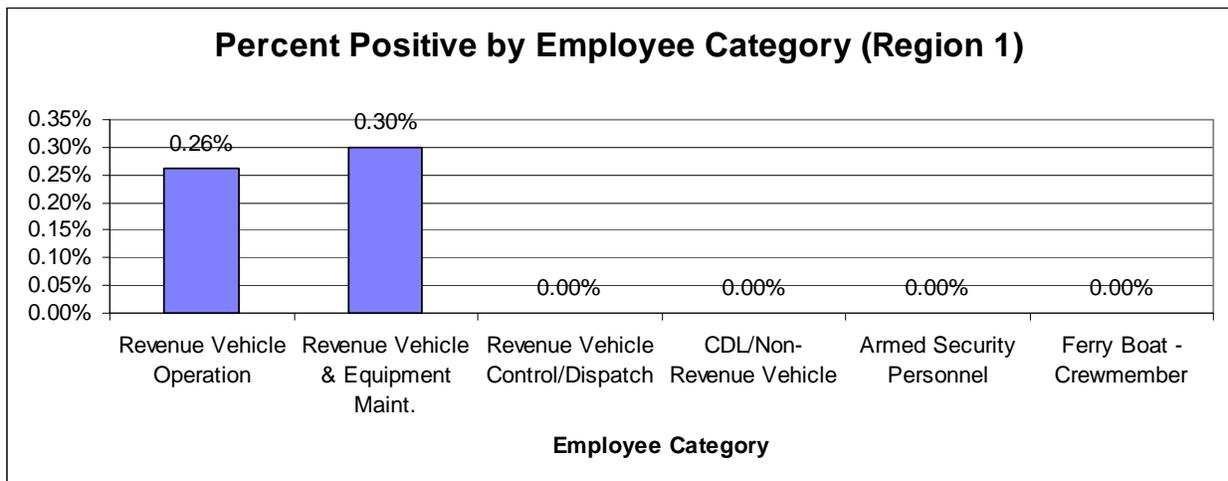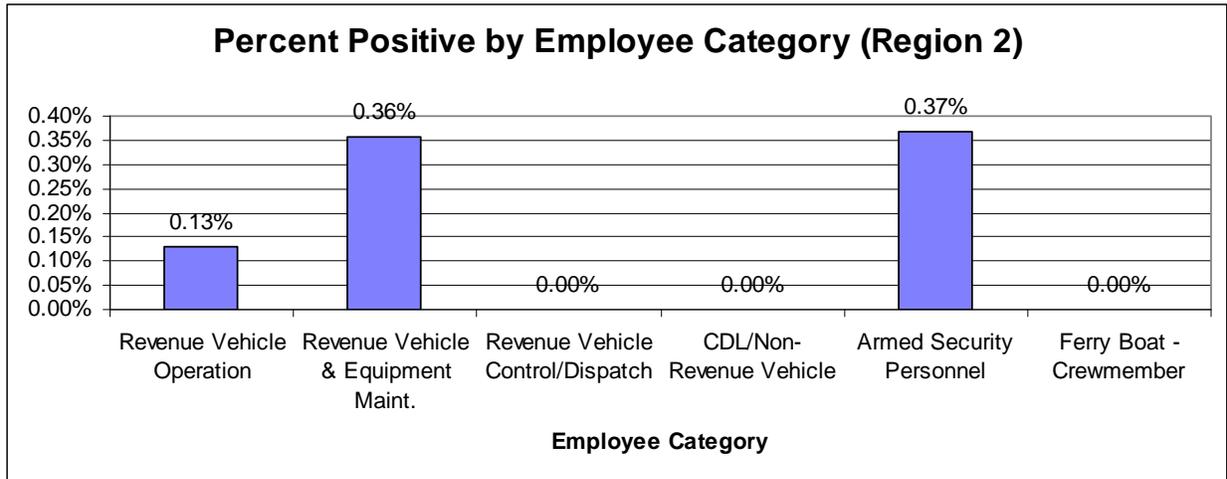- Ferry Boat - Crewmember: 0.00%

Figure 49. Percent Positive by Employee Category for All Test Types within Region 6

4.3.7 Alcohol Test Results for Region 7

Table 50 provides alcohol test results by employee category for all test types within Region 7. Figure 50 illustrates the percent positive by employee category for all test types within Region 7.

Table 50. Alcohol Results by Employee Category for All Test Types within Region 7

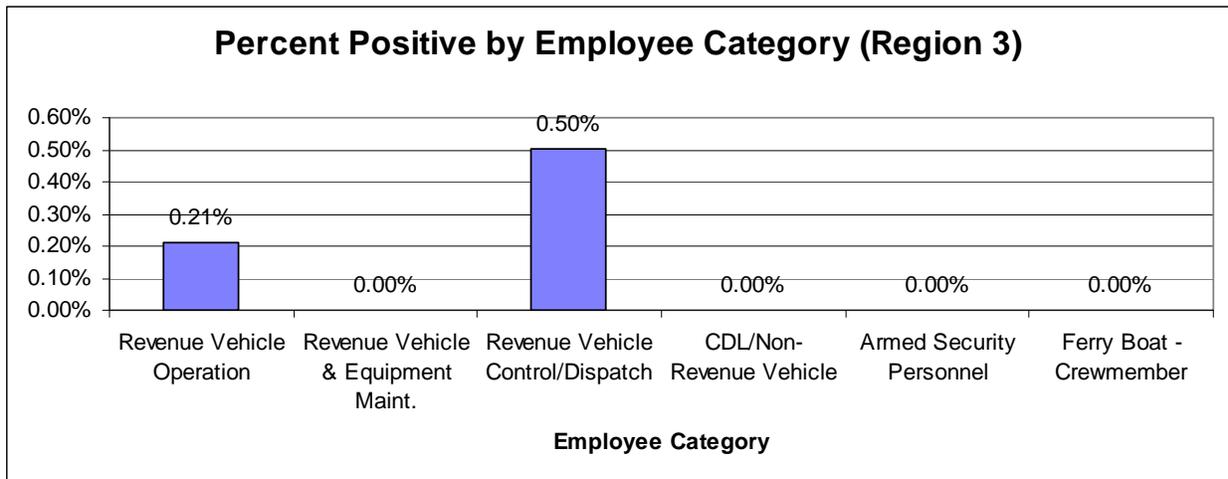| Employee Category	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Revenue Vehicle Operation	1,575	1,567	7	7	3	4	1	0	1
Revenue Vehicle & Equipment Maintenance	154	153	1	1	1	0	0	0	0
Revenue Vehicle Control/Dispatch	63	63	0	0	0	0	0	0	0
CDL/Non-Revenue Vehicle	38	38	0	0	0	0	0	0	0
Armed Security Personnel	13	13	0	0	0	0	0	0	0
Ferry Boat Operator	0	0	0	0	0	0	0	0	0
TOTAL	**1,843**	**1,834**	**8**	**8**	**4**	**4**	**1**	**0**	**1**

Figure 50. Percent Positive by Employee Category for All Test Types within Region 7

4.3.8 Alcohol Test Results for Region 8

Table 51 provides alcohol test results by employee category for all test types within Region 8. Figure 51 illustrates the percent positive by employee category for all test types within Region 8.

Table 51. Alcohol Results by Employee Category for All Test Types within 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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Revenue Vehicle Operation	1,235	1,232	2	2	1	1	0	1	1
Revenue Vehicle & Equipment Maintenance	242	241	1	1	0	0	0	0	0
Revenue Vehicle Control/Dispatch	83	82	0	0	0	0	0	1	0
CDL/Non-Revenue Vehicle	46	46	0	0	0	0	0	0	0
Armed Security Personnel	23	22	1	0	0	0	0	0	0
Ferry Boat Operator	0	0	0	0	0	0	0	0	0
TOTAL	**1,629**	**1,623**	**4**	**3**	**1**	**1**	**0**	**2**	**1**

Percent Positive by Employee Category (Region 8)

- Revenue Vehicle Operation: 0.16%
- Revenue Vehicle & Equipment Maint.: 0.00%
- Revenue Vehicle Control/Dispatch: 1.20%
- CDL/Non-Revenue Vehicle: 0.00%
- Armed Security Personnel: 0.00%
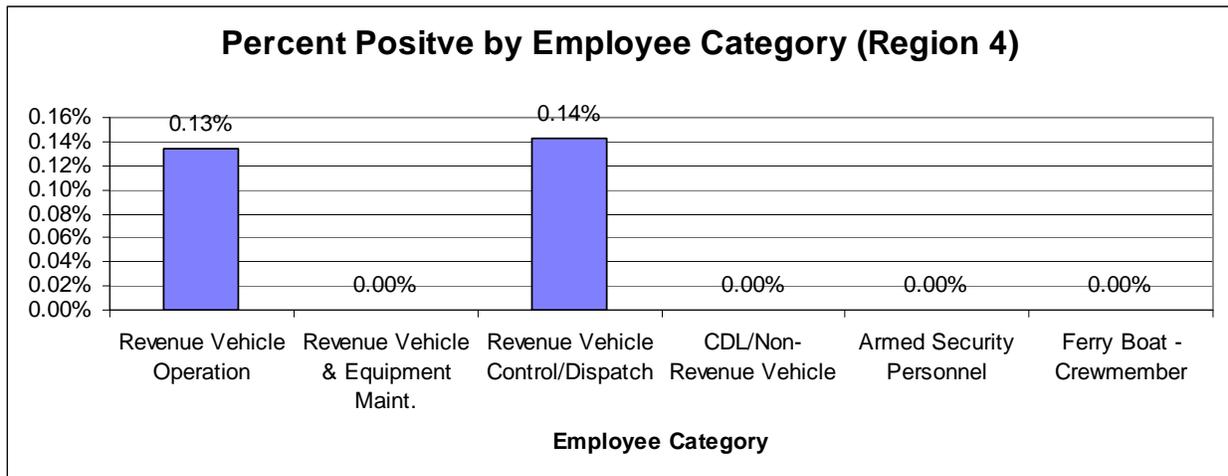- Ferry Boat - Crewmember: 0.00%

Figure 51. Percent Positive by Employee Category for All Test Types within Region 8

4.3.9 Alcohol Test Results for Region 9

Table 52 provides alcohol test results by employee category for all test types within Region 9. Figure 52 illustrates the percent positive by employee category for all test types within Region 9.

Table 52. Alcohol Results by Employee Category for All Test Types within Region 9

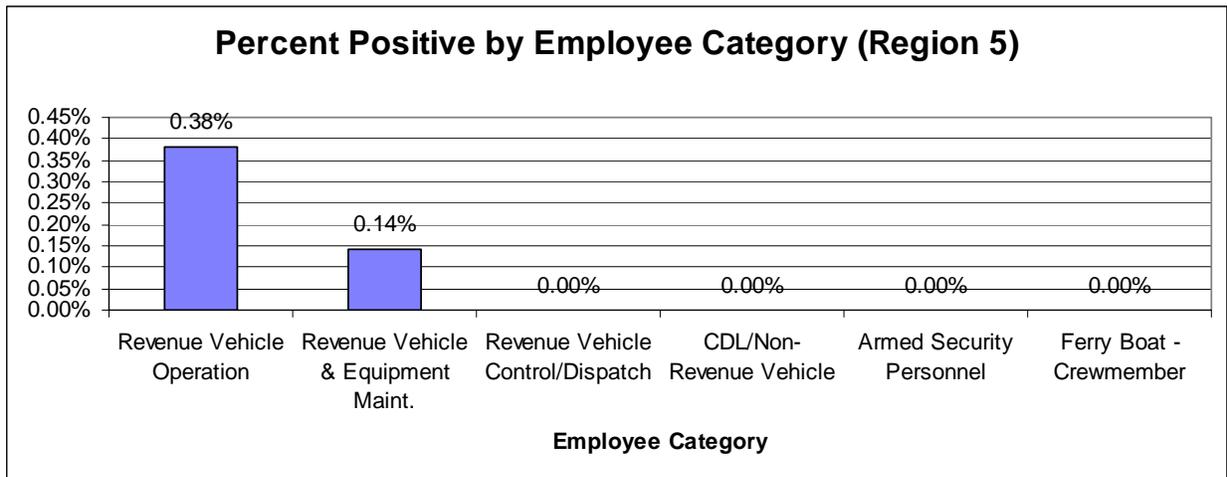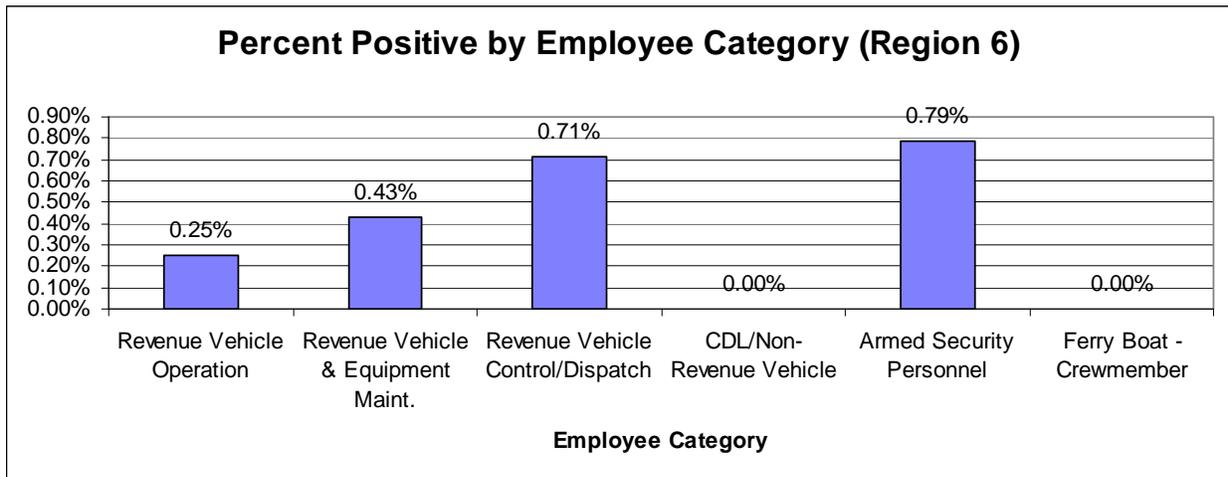| Employee Category	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Revenue Vehicle Operation	9,745	9,711	25	289	6	12	2	7	15
Revenue Vehicle & Equipment Maintenance	1,758	1,751	7	7	0	6	0	0	0
Revenue Vehicle Control/Dispatch	619	616	2	2	2	0	0	1	0
CDL/Non-Revenue Vehicle	154	153	1	1	1	0	0	0	0
Armed Security Personnel	122	122	0	0	0	0	0	0	0
Ferry Boat Operator	0	0	0	0	0	0	0	0	0
TOTAL	**12,398**	**12,353**	**35**	**299**	**9**	**18**	**2**	**8**	**15**

Figure 52. Percent Positive by Employee Category for All Test Types within Region 9

4.3.10 Alcohol Test Results for Region 10

Table 53 provides alcohol test results by employee category for all test types within Region 10. Figure 53 illustrates the percent positive by employee category for all test types within Region 10.

Table 53. Alcohol Results by Employee Category for All Test Types within 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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Revenue Vehicle Operation	2,461	2,452	9	9	5	4	0	0	3
Revenue Vehicle & Equipment Maintenance	320	319	1	0	0	0	0	0	1
Revenue Vehicle Control/Dispatch	158	158	0	0	0	0	0	0	1
CDL/Non-Revenue Vehicle	83	83	0	0	0	0	0	0	0
Armed Security Personnel	0	0	0	0	0	0	0	0	0
Ferry Boat Operator	0	0	0	0	0	0	0	0	0
TOTAL	**3,022**	**3,012**	**10**	**9**	**5**	**4**	**0**	**0**	**5**

Percent Positive by Employee Category (Region 10)

- Revenue Vehicle Operation: 0.16%
- Revenue Vehicle & Equipment Maint.: 0.00%
- Revenue Vehicle Control/Dispatch: 0.00%
- CDL/Non-Revenue Vehicle: 0.00%
- Armed Security Personnel: 0.00%
- Ferry Boat - Crewmember: 0.00%

Figure 53. Percent Positive by Employee Category for All Test Types within Region 10

4.3.11 Alcohol Test Results for All Test Types by Region

Table 54 provides alcohol test results for all employee categories and test types for all of the regions. Figure 54 illustrates the percent positive for all employee categories and test types for each region.

Table 54. Alcohol Results for All Employee Categories and 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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
1	2,461	2,452	8	7	1	5	0	1	1
2	14,823	14,767	55	43	13	24	0	1	8
3	11,839	11,795	37	32	15	14	0	7	4
4	9,125	9,101	18	11	5	4	1	5	12
5	9,698	9,656	37	35	7	26	2	3	4
6	4,826	4,808	12	11	1	9	2	4	13
7	1,843	1,834	8	8	4	4	1	0	1
8	1,629	1,623	4	3	1	1	0	2	1
9	12,398	12,353	35	299	9	18	2	8	15
10	3,022	3,012	10	9	5	4	0	0	5
TOTAL	71,664	71,401	224	458	61	109	8	31	64
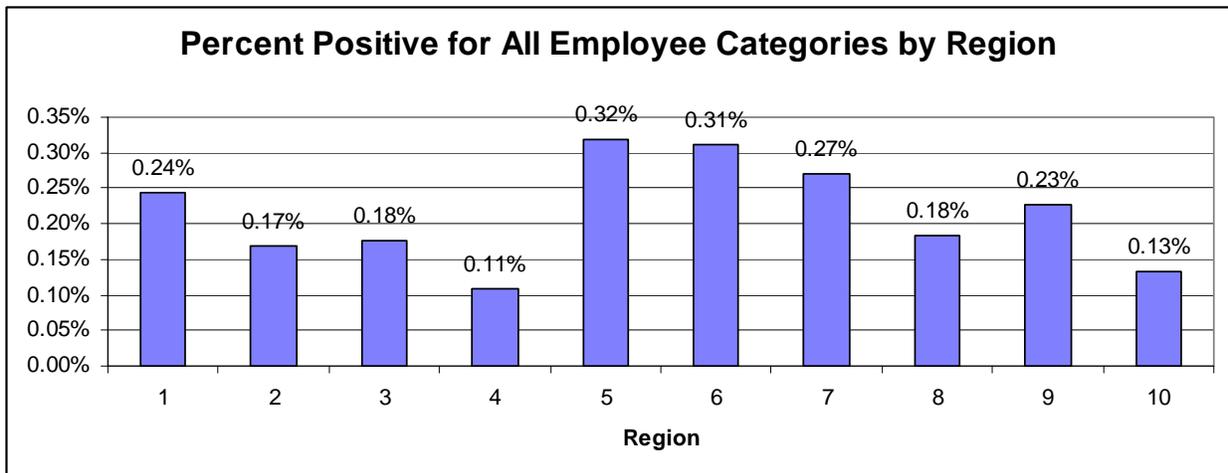
Figure 54. Percent Positive for All Employee Categories and Test Types by Region

4.4 Transit Employer and Contractor Alcohol Test Results

4.4.1 Alcohol Test Results for Transit Employers for All Test Types by Region

Table 55 provides alcohol test results for transit employers for all test types by region. Figure 55 illustrates the percent positive for transit employers for all test types by region.

Table 55. Alcohol Results for Transit 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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
1	1,774	1,770	4	4	0	4	0	0	0
2	11,196	11,160	35	34	12	16	0	1	4
3	9,075	9,045	26	23	12	8	0	4	3
4	7,553	7,539	11	7	3	3	1	2	3
5	7,159	7,135	22	21	6	15	2	0	3
6	4,137	4,121	10	9	1	7	2	4	3
7	1,608	1,599	8	8	4	4	1	0	1
8	1,096	1,090	4	3	1	1	0	2	1
9	8,372	8,345	24	20	5	10	0	3	11
10	2,390	2,385	5	5	3	2	0	0	4
TOTAL	54,360	54,189	149	134	47	70	6	16	33
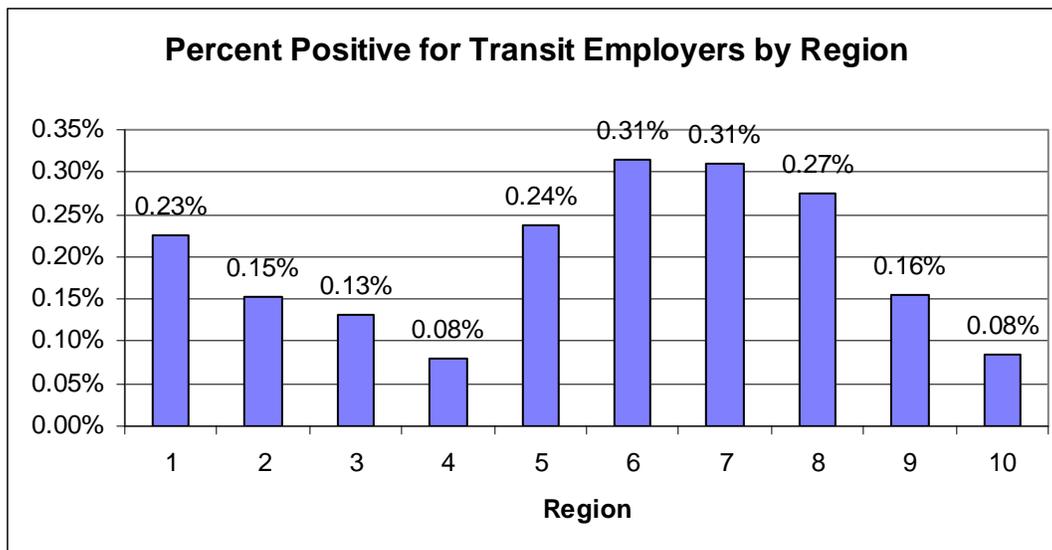
Figure 55. Percent Positive for Transit Employers for All Test Types by Region

4.4.2 Alcohol Test Results for Contractors for All Test Types by Region

Table 56 provides alcohol test results for contractors for all test types by region. Figure 56 illustrates the percent positive for contractors for all test types by region.

Table 56. Alcohol 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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
1	687	682	4	3	1	1	0	1	1
2	3,627	3,607	20	9	1	8	0	0	4
3	2,764	2,750	11	9	3	6	0	3	1
4	1,572	1,562	7	4	2	1	0	3	9
5	2,539	2,521	15	14	1	11	0	3	1
6	689	687	2	2	0	2	0	0	10
7	235	235	0	0	0	0	0	0	0
8	533	533	0	0	0	0	0	0	0
9	4,026	4,008	11	279	4	8	2	5	4
10	632	627	5	4	2	2	0	0	1
TOTAL	17,304	17,212	75	324	14	39	2	15	31

Percent Positive for Contractors by Region

Region	Percent
1	0.29%
2	0.22%
3	0.33%
4	0.25%
5	0.55%
6	0.29%
7	0.00%
8	0.00%
9	0.37%
10	0.32%
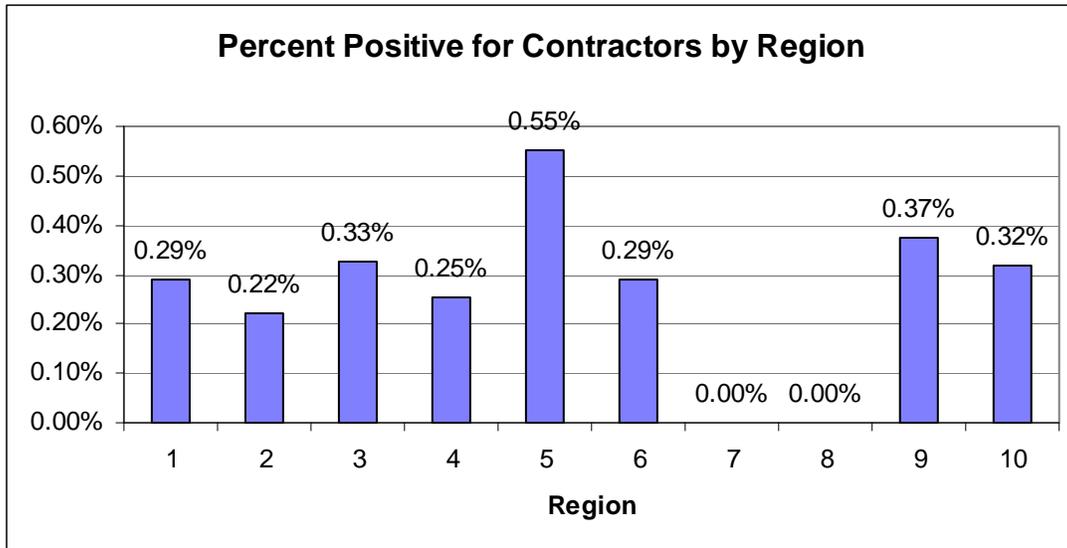
Figure 56. Percent Positive for Contractors for All Test Types by Region

4.5 Alcohol Test Results by Test Type for Each Region

This section provides alcohol test results by test type for all employee categories within each region.

4.5.1 Alcohol Test Results for Region 1

Table 57 provides alcohol test results for all employee categories by test type within Region 1. Figure 57 illustrates the percent positive for all employee categories by test type within Region 1.

Table 57. Alcohol Results for All Employee Categories by Test Type for Region 1

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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Pre-employment	167	166	1	0	0	0	0	0	0
Random	1,495	1,491	4	4	1	2	0	0	1
Post-Accident	512	512	0	0	0	0	0	0	0
Reasonable Suspicion	13	9	3	3	0	3	0	1	0
Return-to-Duty	21	21	0	0	0	0	0	0	0
Follow-up	253	253	0	0	0	0	0	0	0
TOTAL	**2,461**	**2,452**	**8**	**7**	**1**	**5**	**0**	**1**	**1**

Figure 57. Percent Positive for All Employee Categories by Test Type for Region 1

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4.5.2 Alcohol Test Results for Region 2

Table 58 provides alcohol test results for all employee categories by test type within Region 2. Figure 58 illustrates the percent positive for all employee categories by test type within Region 2.

Table 58. Alcohol Results for All Employee Categories by Test Type for Region 2

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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Pre-employment	1,970	1,967	3	3	1	1	0	0	1
Random	9,136	9,113	22	17	6	8	0	1	5
Post-Accident	2,112	2,106	6	1	1	0	0	0	1
Reasonable Suspicion	82	66	16	14	3	9	0	0	0
Return-to-Duty	85	85	0	0	0	0	0	0	0
Follow-up	1,438	1,430	8	8	2	6	0	0	1
TOTAL	**14,823**	**14,767**	**55**	**43**	**13**	**24**	**0**	**1**	**8**

Percent Positive by Test Type (Region 2)

- Pre-employment: 0.05%
- Random: 0.10%
- Post-Accident: 0.00%
- Reasonable Suspicion: 10.98%
- Return-to-Duty: 0.00%
- Follow-up: 0.42%

Figure 58. Percent Positive for All Employee Categories by Test Type for Region 2

4.5.3 Alcohol Test Results for Region 3

Table 59 provides alcohol test results for all employee categories by test type within Region 3. Figure 59 illustrates the percent positive for all employee categories by test type within Region 3.

Table 59. Alcohol Results for All Employee Categories by Test Type for Region 3

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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Pre-employment	3,703	3,692	9	8	2	4	0	2	1
Random	5,829	5,820	6	5	4	1	0	3	2
Post-Accident	1,208	1,206	2	2	2	0	0	0	0
Reasonable Suspicion	78	57	19	16	7	8	0	2	1
Return-to-Duty	102	102	0	0	0	0	0	0	0
Follow-up	919	918	1	1	0	1	0	0	0
TOTAL	**11,839**	**11,795**	**37**	**32**	**15**	**14**	**0**	**7**	**4**

Percent Positive by Test Type (Region 3)

Test Type	Percent Positive
Pre-employment	0.16%
Random	0.07%
Post-Accident	0.00%
Reasonable Suspicion	12.82%
Return-to-Duty	0.00%
Follow-up	0.11%

Figure 59. Percent Positive for All Employee Categories by Test Type for Region 3

4.5.4 Alcohol Test Results for Region 4

Table 60 provides alcohol test results for all employee categories by test type within Region 4. Figure 60 illustrates the percent positive for all employee categories by test type within Region 4.

Table 60. Alcohol Results for All Employee Categories by Test Type for Region 4

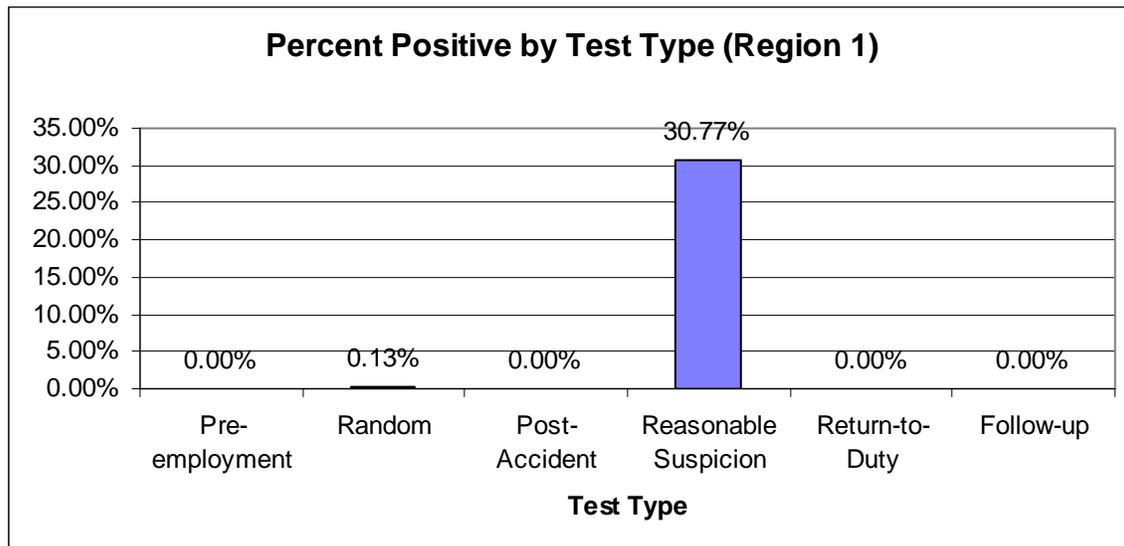| Test Type	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Pre-employment	1,982	1,981	1	0	0	0	0	0	0
Random	5,178	5,163	10	6	3	3	1	4	12
Post-Accident	1,622	1,622	0	0	0	0	0	0	0
Reasonable Suspicion	43	36	6	4	2	1	0	1	0
Return-to-Duty	53	53	0	0	0	0	0	0	0
Follow-up	247	246	1	1	0	0	0	0	0
TOTAL	**9,125**	**9,101**	**18**	**11**	**5**	**4**	**1**	**5**	**12**

Figure 60. Percent Positive for All Employee Categories by Test Type for Region 4

4.5.5 Alcohol Test Results for Region 5

Table 61 provides alcohol test results for all employee categories by test type within Region 5. Figure 61 illustrates the percent positive for all employee categories by test type within Region 5.

Table 61. Alcohol Results for All Employee Categories by Test Type for Region 5

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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Pre-employment	1,351	1,349	2	2	1	1	0	0	0
Random	5,509	5,495	12	10	3	6	1	1	3
Post-Accident	2,188	2,179	6	6	2	4	1	2	1
Reasonable Suspicion	108	95	13	13	1	11	0	0	0
Return-to-Duty	82	82	0	0	0	0	0	0	0
Follow-up	460	456	4	4	0	4	0	0	0
TOTAL	**9,698**	**9,656**	**37**	**35**	**7**	**26**	**2**	**3**	**4**

Percent Positive by Test Type (Region 5)

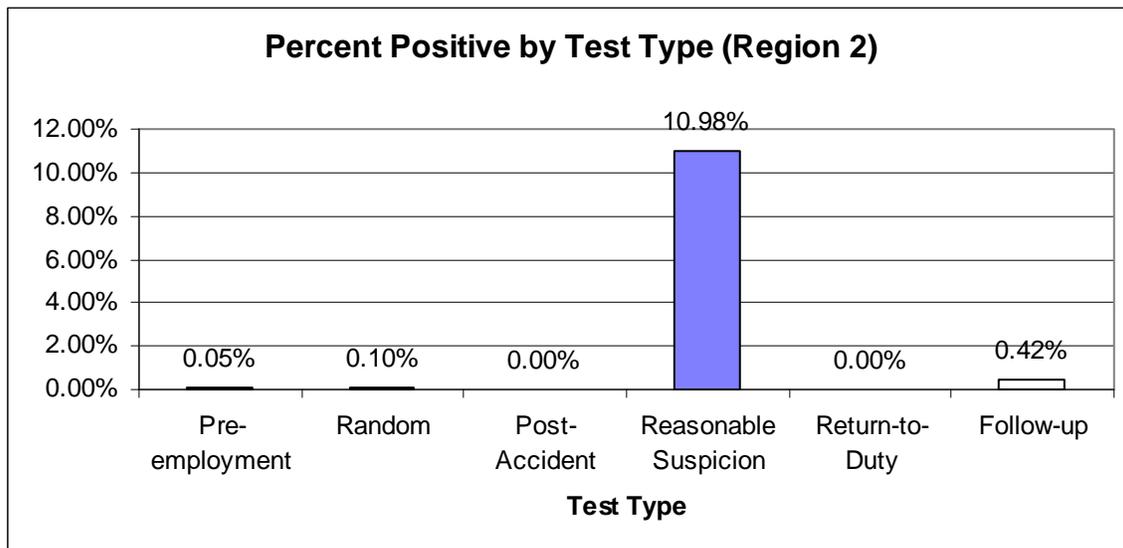| Test Type	Percent Positive
Pre-employment	0.07%
Random	0.15%
Post-Accident	0.32%
Reasonable Suspicion	10.19%
Return-to-Duty	0.00%
Follow-up	0.87%

Figure 61. Percent Positive for All Employee Categories by Test Type for Region 5

4.5.6 Alcohol Test Results for Region 6

Table 62 provides alcohol test results for all employee categories by test type within Region 6. Figure 62 illustrates the percent positive for all employee categories by test type within Region 6.

Table 62. Alcohol Results for All Employee Categories by Test Type for Region 6

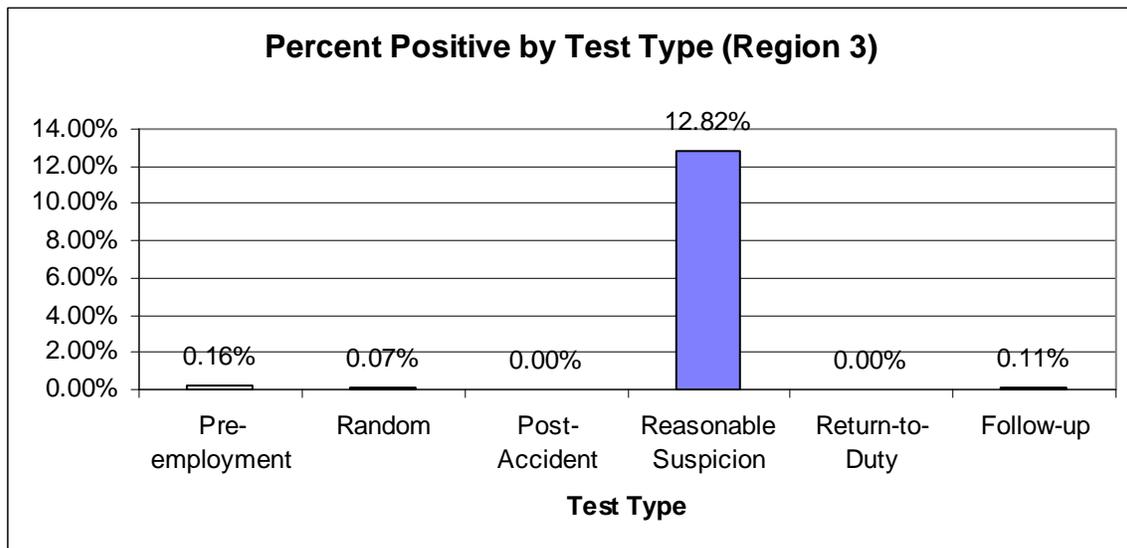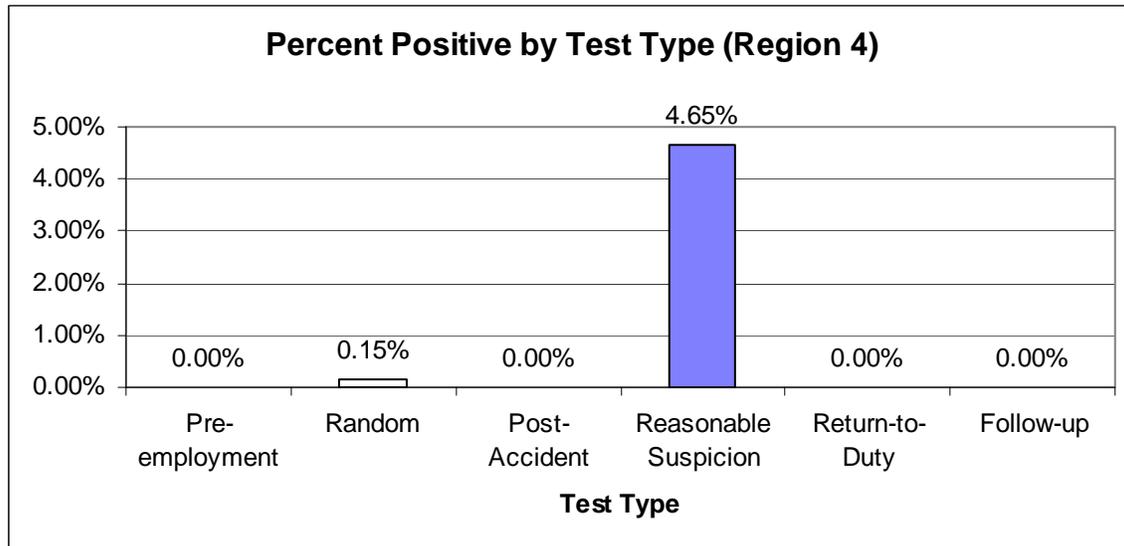| Test Type	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Pre-employment	757	754	2	2	1	1	1	0	0
Random	3,074	3,066	5	5	0	4	0	3	12
Post-Accident	888	887	0	0	0	0	1	0	1
Reasonable Suspicion	21	15	5	4	0	4	0	1	0
Return-to-Duty	18	18	0	0	0	0	0	0	0
Follow-up	68	68	0	0	0	0	0	0	0
TOTAL	**4,826**	**4,808**	**12**	**11**	**1**	**9**	**2**	**4**	**13**

Figure 62. Percent Positive for All Employee Categories by Test Type for Region 6

4.5.7 Alcohol Test Results for Region 7

Table 63 provides alcohol test results for all employee categories by test type within Region 7. Figure 63 illustrates the percent positive for all employee categories by test type within Region 7.

Table 63. Alcohol Results for All Employee Categories by Test Type for Region 7

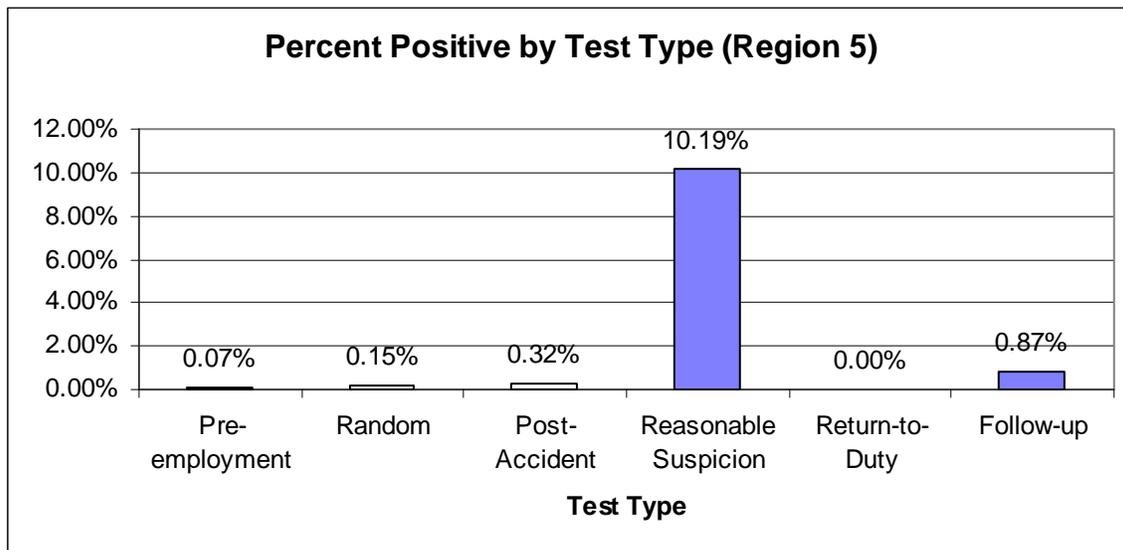| Test Type	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Pre-employment	70	70	0	0	0	0	0	0	0
Random	1,217	1,209	7	7	3	4	1	0	1
Post-Accident	360	359	1	1	1	0	0	0	0
Reasonable Suspicion	36	36	0	0	0	0	0	0	0
Return-to-Duty	27	27	0	0	0	0	0	0	0
Follow-up	133	133	0	0	0	0	0	0	0
TOTAL	**1,843**	**1,834**	**8**	**8**	**4**	**4**	**1**	**0**	**1**

Figure 63. Percent Positive for All Employee Categories by Test Type for Region 7

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4.5.8 Alcohol Test Results for Region 8

Table 64 provides alcohol test results for all employee categories by test type within Region 8. Figure 64 illustrates the percent positive for all employee categories by test type within Region 8.

Table 64. Alcohol Results for All Employee Categories by Test Type for Region 8

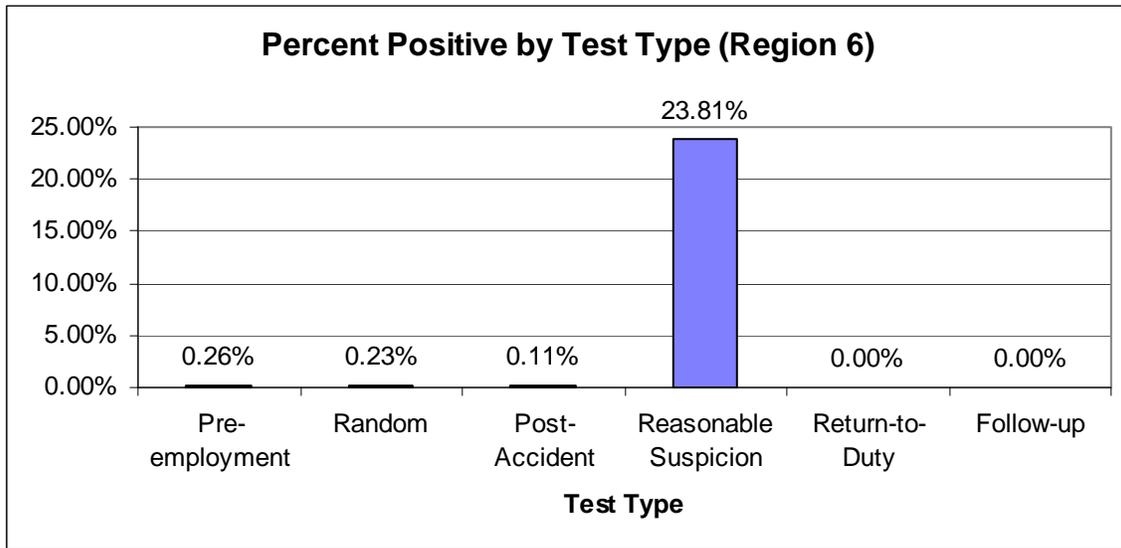| Test Type	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Pre-employment	79	78	1	1	0	0	0	0	0
Random	1,135	1,132	1	1	1	0	0	2	1
Post-Accident	287	287	0	0	0	0	0	0	0
Reasonable Suspicion	14	12	2	1	0	1	0	0	0
Return-to-Duty	9	9	0	0	0	0	0	0	0
Follow-up	105	105	0	0	0	0	0	0	0
TOTAL	**1,629**	**1,623**	**4**	**3**	**1**	**1**	**0**	**2**	**1**

Figure 64. Percent Positive for All Employee Categories by Test Type for Region 8

4.5.9 Alcohol Test Results for Region 9

Table 65 provides alcohol test results for all employee categories by test type within Region 9. Figure 65 illustrates the percent positive for all employee categories by test type within Region 9.

Table 65. Alcohol Results for All Employee Categories by Test Type for Region 9

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 Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Pre-employment	2,288	2,284	3	165	1	0	0	1	1
Random	6,394	6,379	9	111	4	1	2	4	10
Post-Accident	2,348	2,344	3	4	0	3	0	1	4
Reasonable Suspicion	51	35	15	14	3	10	0	1	0
Return-to-Duty	130	129	1	1	0	1	0	0	0
Follow-up	1,187	1,182	4	4	1	3	0	1	0
TOTAL	**12,398**	**12,353**	**35**	**299**	**9**	**18**	**2**	**8**	**15**

Percent Positive by Test Type (Region 9)

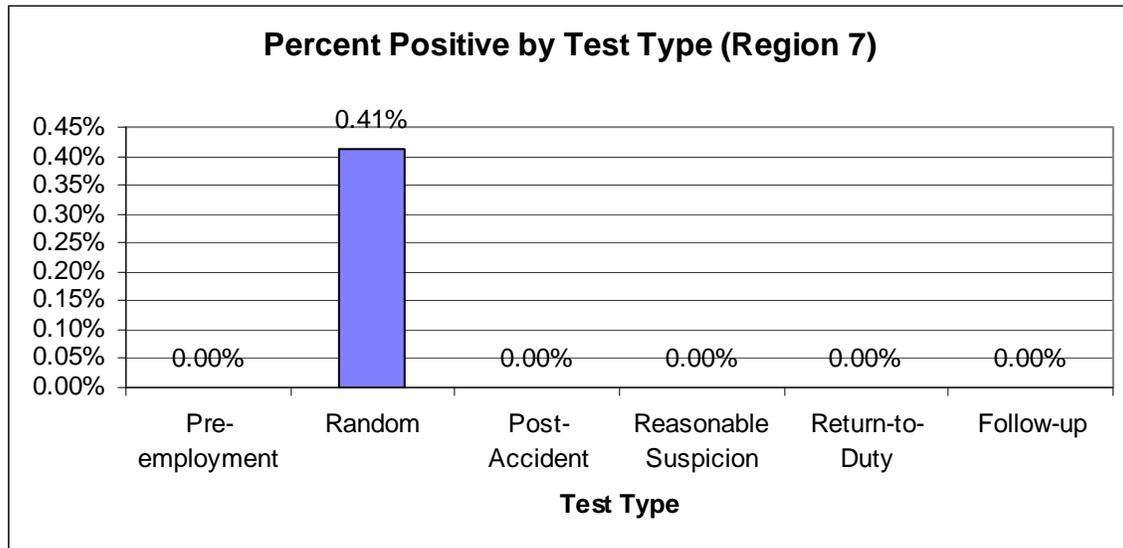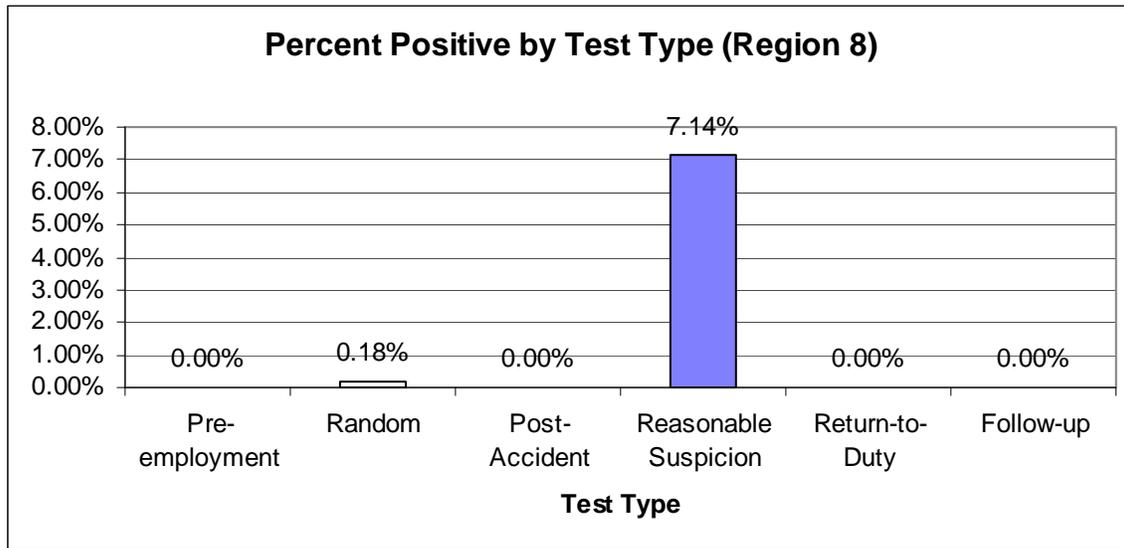| Test Type	Percent Positive
Pre-employment	0.04%
Random	0.11%
Post-Accident	0.17%
Reasonable Suspicion	21.57%
Return-to-Duty	0.77%
Follow-up	0.34%
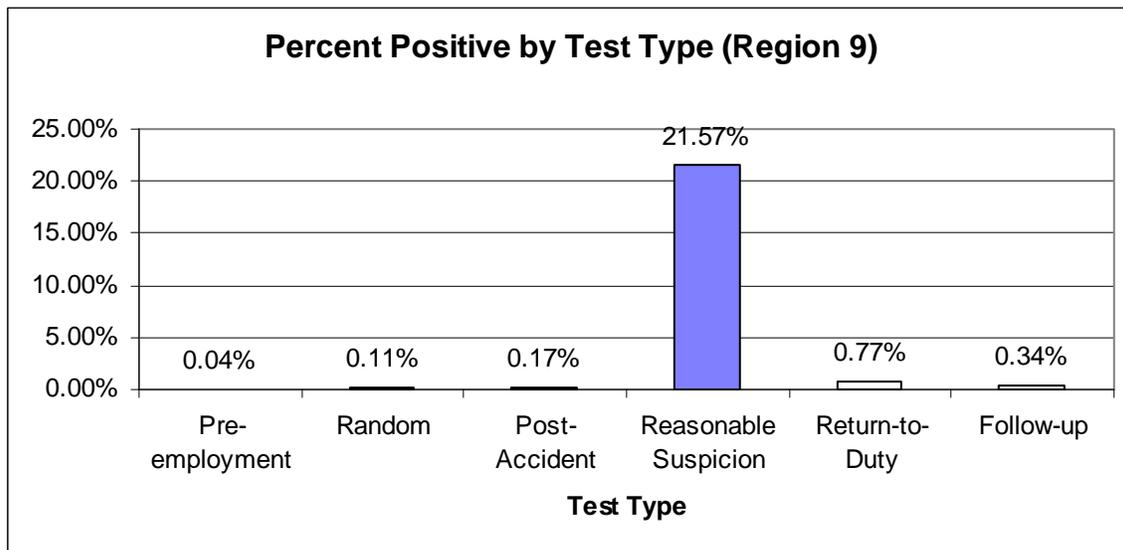
Figure 65. Percent Positive for All Employee Categories by Test Type for Region 9

4.5.10 Alcohol Test Results for Region 10

Table 66 provides alcohol test results for all employee categories by test type within Region 10. Figure 66 illustrates the percent positive for all employee categories by test type within Region 10.

Table 66. Alcohol Results for All Employee Categories by Test Type for Region 10

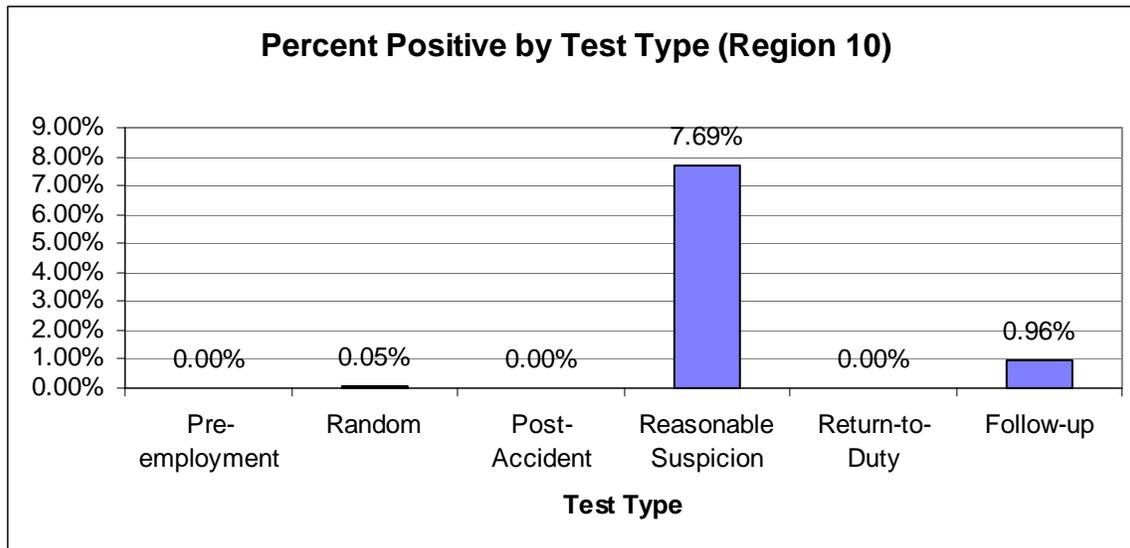| Test Type	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Test Results	Confirmation Tests with Results 0.02 to 0.039	Confirmation Tests with Results 0.04 or Greater	"Shy Lung" with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Pre-employment	353	353	0	0	0	0	0	0	0
Random	1,882	1,879	3	3	2	1	0	0	3
Post-Accident	655	654	1	0	0	0	0	0	2
Reasonable Suspicion	26	21	5	5	3	2	0	0	0
Return-to-Duty	2	2	0	0	0	0	0	0	0
Follow-up	104	103	1	1	0	1	0	0	0
TOTAL	**3,022**	**3,012**	**10**	**9**	**5**	**4**	**0**	**0**	**5**

Figure 66. Percent Positive for All Employee Categories by Test Type for Region 10

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Appendix A. MIS Data Collection Form

U.S. DEPARTMENT OF TRANSPORTATION DRUG AND ALCOHOL TESTING MIS DATA COLLECTION FORM

Calendar Year Covered by this Report: _____   OMB No. 2105-0529

I. Employer:

Company Name:_____

Doing Business As (DBA) Name (if applicable):_____

Address:_____ E-mail: _____

Name of Certifying Official: _____ Signature: _____

Telephone: (_____)_____ Date Certified: _____

Prepared by (if different): _____ Telephone: (_____)_____

C/TPA Name and Telephone (if applicable): _____ (_____)_____

Check the DOT agency for which you are reporting MIS data; and complete the information on that same line as appropriate:

___ FMCSA – Motor Carrier: DOT #: _____ Owner-operator: (circle one) YES or NO   Exempt (Circle One) YES or NO

___ FAA – Aviation: Certificate # (if applicable): _____ Plan / Registration # (if applicable):_____

___ RSPA – Pipeline: (Check) Gas Gathering__ Gas Transmission__ Gas Distribution__ Transport Hazardous Liquids__ Transport Carbon Dioxide__

___ FRA – Railroad: Total Number of observed/documented Part 219 "Rule G" Observations for covered employees: _____

___ USCG – Maritime: Vessel ID # (USCG- or State-Issued): _____ (If more than one vessel, list separately.)

___ FTA – Transit

II. Covered Employees: (A) Enter Total Number Safety-Sensitive Employees In All Employee Categories:

(B) Enter Total Number of Employee Categories:

(C)

Employee Category	Total Number of Employees in this Category

If you have multiple employee categories, complete Sections I and II (A) & (B). Take that filled-in form and make one copy for each employee category and complete Sections II (C), III, and IV for each separate employee category.

III. Drug Testing Data:

Type of Test	1 Total Number Of Test Results [Should equal the sum of Columns 2, 9, 10, 11, and 12]	2 Verified Negative Results	3 Verified Positive Results ~ For One Or More Drugs	4 Positive For Marijuana	5 Positive For Cocaine	6 Positive For PCP	7 Positive For Opiates	8 Positive For Amphetamines	Refusal Results 9 Adulterated	10 Substituted	11 "Shy Bladder" ~ With No Medical Explanation	12 Other Refusals To Submit To Testing	13 Cancelled Results
Pre-Employment													
Random													
Post-Accident													
Reasonable Susp./Cause													
Return-to-Duty													
Follow-Up													
TOTAL													

IV. Alcohol Testing Data:

Type of Test	1 Total Number Of Screening Test Results [Should equal the sum of Columns 2, 3, 7, and 8]	2 Screening Tests With Results Below 0.02	3 Screening Tests With Results 0.02 Or Greater	4 Number Of Confirmation Tests Results	5 Confirmation Tests With Results 0.02 Through 0.039	6 Confirmation Tests With Results 0.04 Or Greater	Refusal Results 7 "Shy Lung" ~ With No Medical Explanation	8 Other Refusals To Submit To Testing	9 Cancelled Results
Pre-Employment									
Random									
Post-Accident									
Reasonable Susp./Cause									
Return-to-Duty									
Follow-Up									
TOTAL									

Appendix B. Contact Information

For additional information regarding the FTA's drug and alcohol testing requirements, please contact the following individuals:

Jerry Powers
Drug and Alcohol Program Manager
400 7th Street, SW, FTA TPM-30
Washington, DC 20590
gerald.powers@dot.gov

Mike Redington
Program Manager/Transportation Industry Analyst
Volpe National Transportation Systems Center
55 Broadway
Cambridge, MA 02142
redington@volpe.dot.gov

Eve Rutyna
Transportation Industry Analyst
Volpe National Transportation Systems Center
55 Broadway
Cambridge, MA 02142
rutynae@volpe.dot.gov

For assistance in accessing the FTA Office of Safety and Security Web site and using the Internet reporting system, contact the FTA DAMIS Project Office at (617) 494-6336 or via e-mail at FTA.damis@volpe.dot.gov. Contact the FTA Safety and Security Clearinghouse at (617) 494-2116 for additional copies of this report as well as technical assistance materials, including the *Implementation Guidelines for Drug and Alcohol Regulations in Mass Transit* and *Best Practices Manual: FTA Drug and Alcohol Testing Program.* Documents can also be obtained from the FTA Safety and Security Clearinghouse Web site at: http://transit-safety.volpe.dot.gov/publications/order/default.asp. You may also send e-mail directly to FTA.clearinghouse@volpe.dot.gov.

Appendix C. Glossary of Terms

Accident: An occurrence associated with the operation of a vehicle, if as a result:
(1) An individual dies.
(2) An individual suffers a bodily injury and immediately receives medical treatment away from the scene of the accident.
(3) With respect to an occurrence in which the mass transit vehicle involved is a bus, electric bus, van, or automobile, one or more vehicles incurs disabling damage and is transported away from the scene by a tow truck or other vehicle.
(4) With respect to an occurrence in which the mass transit vehicle involved is a rail car, trolley car, trolley bus, or vessel, the mass transit vehicle is removed from revenue service.

Alcohol Concentration: The alcohol in a volume of breath, expressed in terms of grams of alcohol per 210 liters of breath as indicated by a breath test.

Amphetamines: Includes racemic, amphetamine, extroamphetamine, and methamphetamine. These are potent stimulants that can be swallowed, snorted, or injected. They reduce the desire to sleep or eat and can induce a sense of aroused euphoria, accompanied by feelings of increased power, strength, energy, self-assertion, focus, and motivation. Because the body does not readily break down amphetamines, these feelings, which are often intense and ephemeral, may last several hours. Severe mental depression and fatigue can set in when the euphoric feelings wear off.

Armed Security Personnel: Employees who provide security and carry a firearm.

Canceled or Invalid Test: In drug testing, a drug test that has been declared invalid by a Medical Review Officer (MRO). In alcohol testing, a test that is deemed to be invalid. It is neither a positive nor a negative test.

CDL/Non-Revenue Vehicle: Job category including any transit employee who holds a Commercial Driver's License (CDL), performs a function requiring a CDL, and is not included in any other job category.

Cocaine: An addictive substance that comes from coca leaves or is made synthetically. It appears as a white powder that is snorted, ingested, injected, freebased (smoked), or applied directly to the nasal membrane or gums. Cocaine acts as a stimulant to the central nervous system. It gives the user a feeling of exhilaration. The chemicals in cocaine trick the brain into feeling it has experienced pleasure when in fact it has not.

Confirmation (or Confirmatory) Test: In drug testing, a second analytical procedure to identify the presence of a specific drug or metabolite that is independent of the screening test and that uses a different technique and chemical principle from those of the screening test in order to ensure reliability and accuracy. In alcohol testing, a second test following a screening test with a result of 0.02 or greater that provides quantitative data of alcohol concentration.

Consortium: An entity, such as a group or association of employers, operators, recipients, subrecipients, or contractors, that provides drug testing services and acts on behalf of the employer.

Contractor: A person or organization that provides a service for a recipient, subrecipient, employer, or operator consistent with a specific understanding or arrangement. The understanding can be a written contract or an informal arrangement that reflects an ongoing relationship between the parties.

Covered Employee: A person, such as an applicant, transferee, or volunteer who perform a safety-sensitive function for a recipient, subrecipient, employer, or operator.

Drug Metabolite: The specific substance produced when the human body metabolizes a given prohibited drug as it passes through and is excreted in urine.

Drug Test: The laboratory analysis of a urine specimen collected in accordance with 49 CFR Part 40 and analyzed in a Department of Health and Human Services (DHHS)-approved laboratory.

Education: Efforts that include the display and distribution of informational materials, a community service hotline telephone number for employee assistance, and the transit entity policy regarding drug use and alcohol misuse in the workplace.

Employee: An individual designated in a Department of Transportation (DOT) agency regulation as subject to drug and/or alcohol testing; includes applicants for employment.

Employer: A recipient or other entity that provides mass transportation services or performs a safety-sensitive function for such recipient or other entity. This term includes subrecipients, operators, and contractors.

Follow-up Testing: Drug or alcohol test that is required for an employee who is returned to safety-sensitive duty. The employee is subject to at least six unannounced tests for at least 12 months after returning to duty. The exact number and frequency of tests is prescribed by the Substance Abuse Professional (SAP), who may order tests for up to 60 months after return to duty. The SAP often requires the employee to submit to both a drug and an alcohol test even if only one of the tests was at issue. Follow-up testing is separate from and in addition to random testing. Part 655 incorporates follow-up testing under return-to-duty testing (i.e., return to duty/follow-up testing) as one of five required FTA tests. It was previously listed separately as one of six required FTA tests.

Marijuana: Derived from the hemp plant, it comes in a variety of colors such as green, brown, and a gray mixture of leaves. THC (delta-9-tetrahydrocannabinol) is the primary active chemical in marijuana. It is absorbed quickly into fatty tissues and stored for a long time. The potency and strength of the chemical causes people to use the drug for the mildly tranquilizing, mood- and perception-altering effects it produces. The test for marijuana also includes its metabolites.

Opiates: Known as narcotic analgesics, includes heroin, morphine, and codeine. Opiates are derived from a sap taken from a seedpod of the plant, *papaver somniferum* (or poppy plant). General effects include sedation, slowed reflexes, raspy speech, sluggish movements, slowed breathing, cold skin, and vomiting. The synthetic form of opiates, known as a designer drug, is even more deadly and addictive.

Phencyclidine (PCP): Originally developed as an anesthetic; has adverse side effects that limit its medical use to a tranquilizer for large animals. In people, PCP acts as both a depressant and a hallucinogen and sometimes as a stimulant. PCP can cause distorted bodily perceptions and a feeling of disassociation in which the mind feels separated from the body. These effects can be very upsetting to some people, who may panic as a result.

Positive Rate: The sum of the annual number of verified positive results for random drug tests conducted under 49 CFR Part 655 plus the annual number of refusals to submit to a random drug test, divided by the total number of test results.

Post-Accident Testing: Tests required following an accident involving a fatality or following an accident that meets any of three other criteria if the employee's involvement cannot be completely discounted as a contributing factor: (1) a person suffers a bodily injury and immediately receives medical attention from the scene, (2) when any vehicle involved in the accident incurs damage requiring it to be transported away from the scene by a tow truck or other vehicle, or (3) the mass transit vehicle involved is a rail car, trolley car, trolley bus, or vessel and is removed from revenue service due to the accident.

Pre-employment Testing: Testing of candidates (including existing non-safety-sensitive employees and applicants for employment) for a safety-sensitive position and of employees who have not performed a safety-sensitive function for more than 90 consecutive calendar days, regardless of the reason, and have been removed from the employer's random selection pool during that time.

A negative pre-employment test for drugs is required by FTA as a condition for performing safety-sensitive duties under these circumstances. Pre-employment alcohol tests are not required but are permitted under Part 655, providing that they are performed in accordance with the testing procedures in Part 40. The alcohol tests are included in the data presented in Chapter 4 of this report because they are conducted per DOT standards and are required by many employers. The Omnibus Testing Act required a negative pre-employment alcohol test, but FTA suspended the requirement on May 10, 1995, as the result of a U.S. Court of Appeals decision. FTA decided to allow but not require pre-employment alcohol testing in Part 655.

Random Testing: Considered by FTA to be the most effective deterrent to drug use and alcohol misuse as well as the most reliable indicator of drug use and alcohol misuse within an employer and in the industry as a whole, provided it is unannounced and unpredictable. Selections for testing must be based on a scientifically valid random-number selection method, to ensure that all safety-sensitive employees have an equal chance of being selected for testing.

Random Testing Rate: The number of drug tests equal to at least 50 percent of the total number of safety-sensitive employees and, of alcohol tests equal to at least 10 percent of the total number of safety-sensitive employees must be conducted each year by this method.

Reasonable Suspicion Testing: Required when an employer has reasonable suspicion that an employee has used a prohibited drug or has misused alcohol as defined in the regulations. Must be based on specific, contemporaneous, articulable observations made by a trained supervisor concerning the appearance, behavior, speech, or body odor of a safety-sensitive employee.

Recipient: An entity receiving federal financial assistance under Section 5307, 5309, or 5311 of the Federal Transit Act or under Sections 103(e)(4) of Title 23 of the U.S. Code.

Refusal to Submit (to an alcohol test): When a covered employee fails to provide adequate breath for testing without a valid medical explanation.

Refusal to Submit (to a drug test): When a covered employee fails to provide a urine sample as required by 49 CFR Part 40 without a valid medical explanation after receiving notice of the requirement to be tested, or engages in conduct that clearly obstructs the testing process.

Return-to-Duty Testing: Drug and/or alcohol test that is required for a safety-sensitive employee who completes a course of treatment prescribed by a SAP after testing positive for drugs or alcohol or refusing to submit to a required test. A negative result for the type (drug or alcohol) of positive or refused test is required before the employee can be returned to duty. SAPs often require the employee to submit to both a drug and an alcohol test even if only one of the tests was at issue.

Revenue Vehicle Control/Dispatch: Includes employees who control the movement of revenue service vehicles. The key consideration is the type of work performed rather than a particular job title. FTA decided not to attempt a universal definition of "dispatchers" in Part 655. Instead, each employer determines whether its particular dispatcher performs or may perform a safety-sensitive function.

Revenue Vehicle and Equipment Maintenance: Includes employees who maintain revenue service vehicles or equipment, as well as many maintenance contract employees who perform routine, ongoing repair or maintenance for FTA recipients and subrecipients that have employees, including supervisors, who perform or could be called upon to perform any of the FTA safety-sensitive functions. Maintenance contractors of 5311 funding recipients are not subject to the testing regulations. Additionally, recipients that operate in areas with a population of 200,000 or less and contract out maintenance services are no longer required to comply.

Revenue Vehicle Operation: Safety-sensitive job category; includes employees who operate a revenue service vehicle, regardless of whether it is in service.

Safety-Sensitive Function: Any of the following duties:

- Operating a revenue service vehicle, including when not in revenue service

- Operating a non-revenue service vehicle that is required to be operated by the holder of a CDL
- Controlling dispatch or movement of a revenue service vehicle
- Maintaining a revenue service vehicle or equipment used in revenue service, unless the recipient receives Section 5311 funding and contracts out such services
- Providing security and carrying a firearm

Screening Test (or Initial Test): In drug testing, an immunoassay screen to eliminate negative urine specimens from further analysis. In alcohol testing, an analytical procedure to determine whether an employee may have a prohibited concentration of alcohol in a breath specimen.

Transit System: The public entity that receives the federal grant (direct grant recipient), whether or not that recipient provides mass transit services directly.

Vehicle and Equipment Maintenance: Function including any person repairing or maintaining revenue service vehicles or other equipment used in revenue service.

Violation Rate: Refers to the sum of the annual number of results from random alcohol tests conducted under 49 CFR Part 655 that have alcohol concentrations of 0.04 or greater plus the annual number of refusals to submit to alcohol tests, divided by the sum of the annual number of random alcohol tests conducted plus the annual number of refusals to submit to a drug test.

Verified Negative (drug test result): A drug test result reviewed by an MRO and determined to have no evidence of prohibited drug use.

Verified Positive (drug test result): A drug test result reviewed by an MRO and determined to have evidence of prohibited drug use.