



U.S. Department of Transportation
Federal Transit Administration

Federal Transit Administration (FTA)

Drug and Alcohol Management Information System

2021 Results Summary

The contents of this document do not have the force and effect of law and are not meant to bind the public in any way. This document is intended only to provide clarity to the public regarding existing requirements under the law or agency policies. Grantees and sub grantees should refer to FTA's statutes and regulations for applicable requirements.

Executive Summary

This annual summary presents the results of mandatory drug and alcohol testing conducted by transit systems and their contractors who receive funds from the Federal Transit Administration (FTA). Under the Omnibus Transportation Employee Testing Act passed by Congress in 1991, the FTA was required to establish regulations for drug and alcohol testing of transit employees performing safety-sensitive functions. These regulations require that each recipient of FTA funds: (1) implement an anti-drug program to deter and detect the use of prohibited drugs, (2) establish a program to prevent the misuse of alcohol, and (3) report the results of its programs to FTA annually. The 2021 Annual Summary summarizes the reported results of drug and alcohol tests from all such transit systems.

Compliance with FTA's drug and alcohol testing program is a condition of federal assistance. Failure of a recipient to establish and implement a drug and alcohol testing program - either in its own operations or in those of an entity operating on its behalf - may result in the suspension of federal transit funding to the recipient. Because a recipient may not always directly provide transit services, the FTA uses the term "employer" to describe those who provide transit services. The direct recipient of FTA funds, however, is the entity legally responsible to the FTA for compliance.

Distribution of Transit Systems and Contractors

The FTA received drug and alcohol Management Information System (MIS) reporting forms for calendar year 2021 from 3,349 employers representing 2,085 grantees/subrecipients and 1,264 contractors. Of the total number of employers, 2,116 reported using a Third-Party Administrator (TPA) or being a member of a consortium. Approximately 72 percent of all employers reported no positive drug test results, and 98 percent of employers reported no alcohol confirmation test results ≥ 0.04 percent. The number of contractors who had at least one positive drug test result was 36.2 percent, compared to 22.9 percent of grantees/subrecipients. The number of contractors who submitted forms with at least one alcohol test result ≥ 0.04 percent was 1.9 percent, compared to 2.3 percent of grantees/subrecipients.

Employers reported a total of 281,473 employees performing safety-sensitive functions: 72.3 percent of these employees are employed at transit systems (i.e., by grantees/subrecipients) and 27.7 percent are employed by contractors. The largest number of employees performing safety-sensitive functions are engaged in revenue vehicle operation (67.4 percent), followed by revenue vehicle and equipment maintenance (19.5 percent). Revenue vehicle control/dispatch, CDL/non-revenue vehicle employees, armed security personnel, and ferryboat crewmembers combined make up 13.1 percent of the overall labor force (8.2 percent, 1.3 percent, 2.6 percent, and 1.0 percent respectively).

The largest number of contract employees were involved in revenue vehicle operation at 75.5 percent, followed by revenue vehicle and equipment maintenance at 11.7 percent. For rural employers, FTA-covered employees of contractors comprise a relatively small percentage of the total number of rural covered employees at 15.8 percent; for urban employers, contract employees comprise a significantly higher percentage of urban employees at 29.3 percent.

Required Testing Program

Title 49 Code of Federal Regulations (CFR) Parts 40 and 655 require covered employees to undergo U.S. Department of Transportation testing for five illegal substances and for alcohol, with the use of six different test types. Employers are required to establish a program that provides for testing employees who perform or may perform safety-sensitive functions in the following circumstances: pre-employment, random, reasonable suspicion, post-accident, return-to-duty, and follow-up. Section 655.72 requires employers to annually submit the results of its testing program to FTA using the MIS form required by section 40.26.

Covered Employees and Employers

A covered employee is any person, including an applicant or transferee who performs or will perform a safety-sensitive function for any entity subject to 49 CFR Part 655. A covered employer is a recipient that receives FTA financial assistance under Chapter 53 of Title 49 in the United States Code under section 5307 Urbanized Area Formula Program, section 5309 Fixed Guideway Capital Investment Grants, section 5311 Formula Grants for Rural Program, and/or section 5339 Bus and Bus Facilities Program. It also includes sub-recipients and contractors of those recipients.

2021 Covered Employees and Employers by FTA Region

FTA Region	Number of Covered Employees	Number of Covered Employers
1	13,467	216
2	61,897	205
3	30,279	197
4	34,578	645
5	39,262	681
6	20,420	276
7	8,578	251
8	9,388	193
9	46,816	463
10	16,788	222
Total	281,473	3,349

2021 Covered Employees by Employee Category

Employee Category	Number of Covered Employees
Revenue Vehicle Operation	189,761
Revenue Vehicle and Equipment Maintenance	54,856
Revenue Vehicle Control/Dispatch	23,049
CDL/Non-Revenue Vehicle	3,737
Armed Security Personnel	7,376
Ferry Boat Crewmember	2,694

2021 FTA Drug Testing Results by Employee Category (All Test Types)

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 Opioids	Positive for Amphetamines	Refusal – Adulterated	Refusal – Substituted	Refusal – “Shy Bladder” with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Revenue Vehicle Operation	207,126	202,122	4,118	3,311	441	16	231	257	15	15	65	791	1,452
Revenue Vehicle and Equipment Maintenance	42,573	41,944	542	404	90	3	38	27	2	1	5	79	157
Revenue Vehicle Dispatch/Control	17,969	17,742	194	150	26	0	9	13	2	0	5	26	104
CDL/Non-Revenue Vehicle	3,323	3,282	36	27	8	0	2	0	0	0	2	3	13
Armed Security Personnel	6,002	5,908	79	64	10	0	8	5	0	0	0	15	10
Total	276,993	270,998	4,969	3,956	575	19	288	302	19	16	77	914	1,736

2021 FTA Drug Testing Results by Test Type (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 Opioids	Positive for Amphetamines	Refusal – Adulterated	Refusal – Substituted	Refusal – “Shy Bladder” with No Medical Explanation	Other Refusals to Submit to Testing	Cancelled Tests
Pre-Employment	104,486	100,388	3,429	2,876	287	11	175	199	16	10	40	603	792
Random	153,674	152,139	1,245	893	224	5	90	72	2	6	32	250	824
Post-Accident	9,843	9,693	133	95	25	0	9	7	1	0	1	15	81
Reasonable Suspicion	372	303	41	24	7	3	5	11	0	0	1	27	5
Return-to-Duty	872	835	28	20	5	0	2	2	0	0	2	7	5
Follow-Up	7,746	7,640	93	48	27	0	7	11	0	0	1	12	29
Total	276,933	270,998	4,969	3,956	575	19	288	302	19	16	77	914	1,736

2021 FTA Alcohol Testing Results by Employee Category (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 Through 0.039	Confirmation Tests with Results 0.04 Or Greater	Refusal – “ Shy Lung” with No Medical Explanation	Refusal – Other Refusals to Submit to Testing	Cancelled Tests
Revenue Vehicle Operation	67,691	67,446	198	167	50	98	4	43	56
Revenue Vehicle and Equipment Maintenance	19,432	19,345	81	70	26	39	0	6	13
Revenue Vehicle Dispatch/Control	6,283	6,262	18	10	4	4	1	2	7
CDL/Non-Revenue Vehicle	1,205	1,199	6	6	4	1	0	0	0
Armed Security Personnel	2,852	2,844	6	4	3	0	0	2	1
Ferry Boat Operation	358	357	1	1	1	0	0	0	1
Total	97,821	97,453	310	258	88	142	5	53	78

2021 FTA Alcohol Testing Results by Test Type (All Employee Categories)

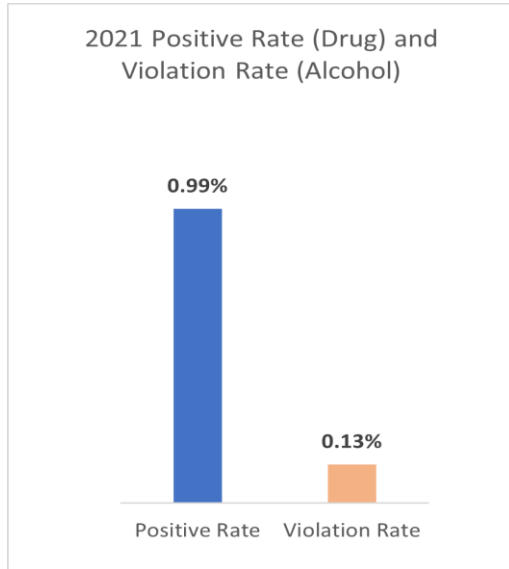
Test Type	Total Number of Screening Test Results	Screening Tests with Results Below 0.02	Screening Tests with Results 0.02 or Greater	Number of Confirmation Test Results	Confirmation Tests with Results 0.02 Through 0.039	Confirmation Tests with Results 0.04 Or Greater	Refusal – “ Shy Lung” with No Medical Explanation	Refusal – Other Refusals to Submit to Testing	Cancelled Tests
Pre-Employment	15,848	15,810	29	27	6	16	0	9	14
Random	65,011	64,806	179	138	60	58	3	23	47
Post-Accident	9,203	9,170	24	21	2	17	1	8	14
Reasonable Suspicion	318	256	50	45	9	35	1	11	0
Return-to-Duty	464	459	4	3	1	2	0	1	0
Follow-Up	6,977	6,952	24	24	10	14	0	1	3
Total	97,821	97,453	310	258	88	142	5	53	78

2021 Positive Rate and Violation Rate

Positive rate for random drug testing means the number of verified positive results for random drug tests plus the number of refusals of random drug tests, divided by the total number of random drug test results (i.e., positive, negative, and refusals).

Violation rate for random alcohol testing means the number of 0.04 and above random alcohol confirmation test results plus the number of refusals of random alcohol tests, divided by the total number of alcohol random screening tests (including refusals).

49 CFR 655.4



2021 Positive Rate and Violation Rate by FTA Region

