

Quest Diagnostics Drug Testing Index™

Full year 2025 tables



**Table 1. Annual Positivity Rates – Urine Drug Tests
(For Combined U.S. Workforce)**

Year	Drug Positivity Rate
1989	12.7%
1990	11.0%
1991	8.8%
1992	8.8%
1993	8.4%
1994	7.5%
1995	6.7%
1996	5.8%
1997	5.0%
1998	4.8%
1999	4.6%
2000	4.7%
2001	4.6%
2002	4.4%
2003	4.5%
2004	4.4%
2005	4.0%
2006	3.8%
2007	3.8%
2008	3.6%
2009	3.6%
2010	3.5%
2011	3.5%
2012	3.5%
2013	3.7%
2014	3.9%
2015	4.0%
2016	4.2%
2017	4.2%
2018	4.4%
2019	4.5%
2020	4.4%
2021	4.6%
2022	4.6%
2023	4.6%
2024	4.4%
2025	4.3%

Table 2. Positivity Rates by Testing Category – Urine Drug Tests

Testing Category	2021	2022	2023	2024	2025
Federally Mandated, Safety-Sensitive Workforce	2.2%	2.4%	2.4%	2.3%	2.2%
General U.S. Workforce	5.6%	5.7%	5.7%	5.6%	5.5%
Combined U.S. Workforce	4.6%	4.6%	4.6%	4.4%	4.3%

**Table 3. Positivity Rates by Testing Reason – Urine Drug Tests
(For Federally Mandated, Safety-Sensitive Workforce)**

Testing Reason	2021	2022	2023	2024	2025
Follow-Up	4.3%	4.2%	3.8%	3.9%	3.7%
For Cause	13.8%	12.9%	14.5%	12.6%	12.5%
Post-Accident	4.4%	4.5%	4.6%	4.5%	4.3%
Pre-Employment	2.3%	2.5%	2.5%	2.4%	2.2%
Random	1.9%	1.9%	2.0%	1.9%	2.0%
Return to Duty	4.7%	4.9%	5.2%	4.8%	5.1%

**Table 4. Positivity Rates by Testing Reason – Urine Drug Tests
(For General U.S. Workforce)**

Testing Reason	2021	2022	2023	2024	2025
Follow-Up	7.1%	7.3%	8.8%	9.0%	9.3%
For Cause	34.9%	38.6%	39.4%	33.1%	31.9%
Post-Accident	9.7%	10.3%	10.4%	10.2%	10.2%
Pre-Employment	5.4%	5.5%	5.4%	5.1%	5.0%
Random	5.8%	5.9%	6.0%	6.3%	6.1%
Return to Duty	6.3%	7.0%	8.4%	7.9%	8.8%

Table 5. Positivity Rates by Drug Category – Urine Drug Tests
(For Federally Mandated, Safety-Sensitive Workforce, as a percentage of all such tests)

Drug Category	2021	2022	2023	2024	2025
6-AM	0.005%	0.003%	0.003%	0.006%	0.006%
Amphetamines (Amphetamine/Methamphetamine)	0.69%	0.75%	0.76%	0.83%	0.89%
Cocaine	0.21%	0.21%	0.21%	0.20%	0.18%
Fentanyl (Fentanyl/Norfentanyl)					0.011%*
Marijuana	0.86%	0.98%	0.95%	0.87%	0.81%
MDMA (MDMA/MDA)	0.002%	0.003%	0.003%	0.005%	0.005%
Opiates (Codeine/Morphine)	0.08%	0.08%	0.07%	0.06%	0.06%
Opiates (Hydrocodone/Hydromorphone)	0.27%	0.24%	0.22%	0.21%	0.19%
Oxycodones (Oxycodone/Oxymorphone)	0.20%	0.18%	0.18%	0.16%	0.16%
PCP	0.010%	0.009%	0.008%	0.008%	0.007%

* Regulated Fentanyl testing is limited to HHS and went live on July 7th, 2025.

Table 6. Positivity Rates by Drug Category – Urine Drug Tests
(For General U.S. Workforce, as a percentage of all such tests)

Drug Category	2021	2022	2023	2024	2025
6-AM	0.013%	0.006%	0.005%	0.004%	0.004%
Amphetamines (Amphetamine/Methamphetamine)	1.3%	1.5%	1.5%	1.7%	1.8%
Barbiturates	0.18%	0.17%	0.15%	0.14%	0.13%
Benzodiazepines	0.36%	0.35%	0.34%	0.31%	0.30%
Cocaine	0.21%	0.22%	0.24%	0.24%	0.23%
Fentanyl (Fentanyl/Norfentanyl)	0.39%	0.34%	0.48%	0.55%	0.28%
Marijuana	3.9%	4.3%	4.5%	4.5%	4.4%
MDMA (MDMA/MDA)	0.005%	0.004%	0.005%	0.004%	0.004%
Methadone	0.13%	0.12%	0.12%	0.13%	0.12%
Opiates	0.17%	0.16%	0.14%	0.13%	0.12%
Opiates (Hydrocodone/Hydromorphone)	0.32%	0.32%	0.29%	0.27%	0.26%
Oxycodones (Oxycodone/Oxymorphone)	0.29%	0.28%	0.27%	0.27%	0.26%
PCP	0.008%	0.008%	0.007%	0.006%	0.004%
Propoxyphene	0.000%	0.000%	0.000%	0.000%	0.000%

Table 7. Positivity Rates by Drug Category – Urine Drug Tests
(For Combined U.S. Workforce, as a percentage of all such tests)

Drug Category	2021	2022	2023	2024	2025
6-AM	0.008%	0.004%	0.004%	0.006%	0.005%
Amphetamines (Amphetamine/Methamphetamine)	1.1%	1.2%	1.3%	1.4%	1.5%
Barbiturates	0.18%	0.17%	0.15%	0.14%	0.13%
Benzodiazepines	0.36%	0.35%	0.34%	0.31%	0.30%
Cocaine	0.21%	0.22%	0.23%	0.22%	0.21%
Fentanyl (Fentanyl/Norfentanyl)	0.39%	0.34%	0.48%	0.55%	0.22%
Marijuana	2.9%	3.1%	3.1%	2.9%	2.8%
MDMA (MDMA/MDA)	0.004%	0.003%	0.004%	0.004%	0.005%
Methadone	0.13%	0.12%	0.12%	0.13%	0.12%
Opiates	0.15%	0.14%	0.12%	0.11%	0.10%
Opiates (Hydrocodone/Hydromorphone)	0.28%	0.26%	0.24%	0.22%	0.21%
Oxycodones (Oxycodone/Oxymorphone)	0.24%	0.23%	0.21%	0.21%	0.20%
PCP	0.008%	0.008%	0.007%	0.007%	0.005%
Propoxyphene	0.000%	0.000%	0.000%	0.000%	0.000%

Table 8. Non-Negative Rates by Specimen Validity Test (SVT)² Category – Urine Drug Tests
(For Federally Mandated, Safety-Sensitive Workforce, as a percentage of all such tests)

SVT Category	2021	2022	2023	2024	2025
Acid-Base	0.009%	0.008%	0.008%	0.008%	0.007%
Invalid	0.26%	0.30%	0.41%	0.40%	0.36%
Oxidizing Adulterants	0.000%	0.000%	0.000%	0.000%	0.000%
Substitution	0.014%	0.017%	0.08%	0.05%	0.02%

²Specimen validity testing is the evaluation of a specimen to determine if it is consistent with a normal human specimen. Tests for specimen validity include tests to determine whether a specimen is adulterated or substituted.

Table 9. Non-Negative Rates by Specimen Validity Test (SVT) Category – Urine Drug Tests
(For General U.S. Workforce, as a percentage of all such tests)

SVT Category	2021	2022	2023	2024	2025
Acid-Base	0.009%	0.009%	0.008%	0.007%	0.005%
Invalid	0.26%	0.31%	0.45%	0.46%	0.43%
Oxidizing Adulterants	0.000%	0.000%	0.000%	0.000%	0.000%
Substitution	0.013%	0.015%	0.11%	0.07%	0.03%

**Table 10. Positivity Rates by Testing Category – Oral Fluid Drug Tests
(For General U.S. Workforce)**

2021	2022	2023	2024	2025
7.3%	3.2%	3.3%	5.4%	5.2%

**Table 11. Positivity Rates by Testing Reason – Oral Fluid Drug Tests
(For General U.S. Workforce)**

Testing Reason	2021	2022	2023	2024	2025
Post-Accident	8.5%	9.9%	10.9%	10.5%	10.2%
Pre-Employment	7.1%	2.8%	3.0%	4.6%	4.4%
Random	5.5%	4.2%	4.2%	5.4%	6.3%

**Table 12. Positivity Rates by Drug Category – Oral Fluid Drug Tests
(For General U.S. Workforce)**

Drug Category	2021	2022	2023	2024	2025
Amphetamine	0.80%	0.74%	0.84%	1.2%	1.2%
Cocaine/Metabolite	0.85%	0.83%	1.1%	1.0%	1.0%
Marijuana	14.8%	10.4%	9.9%	10.4%	11.1%
Methamphetamine	0.67%	0.70%	0.66%	0.47%	0.40%
Opiates	0.27%	0.22%	0.17%	0.16%	0.17%
Oxycodones	0.24%	0.23%	0.20%	0.21%	0.21%
PCP	0.05%	0.04%	0.03%	0.007%	0.006%

**Table 13. Positivity Rates by Testing Category – Hair Drug Tests
(For General U.S. Workforce)**

2021	2022	2023	2024	2025
13.1%	13.1%	15.5%	17.2%	19.1%

**Table 14. Positivity Rates by Testing Reason – Hair Drug Tests
(For General U.S. Workforce)**

Testing Reason	2021	2022	2023	2024	2025
Pre-Employment	10.1%	9.9%	12.5%	13.3%	15.1%
Random	18.3%	19.8%	19.1%	22.5%	21.0%

**Table 15. Positivity Rates by Drug Category – Hair Drug Tests
(For General U.S. Workforce)**

Drug Category	2021	2022	2023	2024	2025
6-AM	0.08%	0.05%	0.04%	0.02%	0.03%
Amphetamine	1.8%	1.7%	1.6%	2.1%	2.3%
Benzoyllecgonine	1.1%	1.1%	1.3%	1.6%	1.7%
Cocaine	2.7%	2.9%	3.4%	4.2%	4.0%
Marijuana	9.5%	10.3%	12.5%	13.6%	15.1%
MDA	0.03%	0.02%	0.02%	0.013%	0.013%
MDMA	0.13%	0.08%	0.09%	0.12%	0.16%
Methamphetamine	2.1%	1.9%	1.8%	2.1%	2.5%
Opiates (Codeine/Hydrocodone)	0.37%	0.29%	0.24%	0.25%	0.20%
Opiates (Morphine/Hydromorphone)	0.06%	0.04%	0.03%	0.02%	0.015%
Oxycodone	0.60%	0.56%	0.45%	0.40%	0.46%
Oxymorphone	0.03%	0.05%	0.03%	0.04%	0.02%
PCP	0.02%	0.02%	0.02%	0.02%	0.006%

**Table 16. Post-Accident vs. Pre-Employment Positivity Rates for Marijuana – Urine Drug Tests
(For Federally Mandated, Safety-Sensitive Workforce, as a percentage of all such tests)**

Drug Category	2017	2018	2019	2020	2021	2022	2023	2024	2025
Pre-Employment (PE)	0.99%	1.0%	1.0%	0.95%	1.1%	1.3%	1.2%	1.1%	1.0%
Post-Accident (PA)	1.3%	1.5%	1.6%	1.6%	1.8%	2.1%	2.2%	2.0%	1.9%
% Difference PE vs. PA	31.3%	50.0%	60.0%	68.4%	63.6%	61.5%	83.3%	81.8%	90.0%

**Table 17. Post-Accident vs. Pre-Employment Positivity Rates for Marijuana – Urine Drug Tests
(For General U.S. Workforce, as a percentage of all such tests)**

Drug Category	2017	2018	2019	2020	2021	2022	2023	2024	2025
Pre-Employment (PE)	2.6%	2.8%	3.1%	3.7%	4.1%	4.6%	4.8%	4.8%	4.6%
Post-Accident (PA)	4.2%	4.8%	5.7%	6.4%	6.7%	7.3%	7.5%	7.3%	7.4%
% Difference PE vs. PA	61.5%	71.4%	83.9%	73.0%	63.4%	58.7%	56.3%	52.1%	60.1%

**Table 18. Post-Accident vs. Pre-Employment Positivity Rates for Cocaine – Urine Drug Tests
(For Federally Mandated, Safety-Sensitive Workforce, as a percentage of all such tests)**

Drug Category	2021	2022	2023	2024	2025
Pre-Employment (PE)	0.21%	0.21%	0.21%	0.19%	0.18%
Post-Accident (PA)	0.46%	0.43%	0.46%	0.45%	0.39%
% Difference PE vs. PA	119.0%	104.8%	119.0%	136.8%	116.7%

**Table 19. Post-Accident vs. Pre-Employment Positivity Rates for Cocaine – Urine Drug Tests
(For General U.S. Workforce, as a percentage of all such tests)**

Drug Category	2021	2022	2023	2024	2025
Pre-Employment (PE)	0.18%	0.20%	0.21%	0.20%	0.19%
Post-Accident (PA)	0.66%	0.66%	0.71%	0.68%	0.61%
% Difference PE vs. PA	266.7%	230.0%	238.1%	240.0%	221.1%

**Table 20. Post-Accident vs. Pre-Employment Positivity Rates for Opiates
(Hydrocodone/Hydromorphone) – Urine Drug Tests
(For Federally Mandated, Safety-Sensitive Workforce, as a percentage of all such tests)**

Drug Category	2021	2022	2023	2024	2025
Pre-Employment (PE)	0.21%	0.18%	0.17%	0.15%	0.14%
Post-Accident (PA)	0.75%	0.68%	0.60%	0.60%	0.61%
% Difference PE vs. PA	257.1%	277.8%	252.9%	300.0%	335.7%

**Table 21. Post-Accident vs. Pre-Employment Positivity Rates for Opiates
(Hydrocodone/Hydromorphone) – Urine Drug Tests
(For General U.S. Workforce, as a percentage of all such tests)**

Drug Category	2021	2022	2023	2024	2025
Pre-Employment (PE)	0.24%	0.24%	0.20%	0.19%	0.18%
Post-Accident (PA)	1.0%	1.0%	0.91%	0.85%	0.73%
% Difference PE vs. PA	316.7%	316.7%	355.0%	347.4%	305.6%

**Table 22. Post-Accident vs. Pre-Employment Positivity Rates for Oxycodones
(Oxycodone/Oxymorphone) – Urine Drug Tests
(For Federally Mandated, Safety-Sensitive Workforce, as a percentage of all such tests)**

Drug Category	2021	2022	2023	2024	2025
Pre-Employment (PE)	0.17%	0.16%	0.15%	0.14%	0.13%
Post-Accident (PA)	0.50%	0.44%	0.49%	0.43%	0.45%
% Difference PE vs. PA	194.1%	175.0%	226.7%	207.1%	246.2%

**Table 23. Post-Accident vs. Pre-Employment Positivity Rates for Oxycodones
(Oxycodone/Oxymorphone) – Urine Drug Tests
(For General U.S. Workforce, as a percentage of all such tests)**

Drug Category	2021	2022	2023	2024	2025
Pre-Employment (PE)	0.24%	0.24%	0.23%	0.23%	0.22%
Post-Accident (PA)	0.72%	0.69%	0.65%	0.72%	0.67%
% Difference PE vs. PA	200.0%	187.5%	182.6%	213.0%	204.6%

**Table 24. Marijuana Positivity by 2025 State Legalized Use Status – Urine Drug Tests
(For Federally Mandated, Safety-Sensitive Workforce, as a percentage of all tests for Marijuana Metabolite)**

Drug Category	2017	2018	2019	2020	2021	2022	2023	2024	2025
Recreational Use	0.88%	0.93%	0.95%	0.87%	0.93%	1.1%	1.1%	0.99%	0.89%
Medical Use Only	0.82%	0.87%	0.89%	0.78%	0.84%	0.93%	0.88%	0.77%	0.72%
Neither Recreational nor Medical Use	0.82%	0.87%	0.83%	0.72%	0.78%	0.89%	0.83%	0.80%	0.81%
National	0.84%	0.88%	0.88%	0.79%	0.86%	0.98%	0.95%	0.87%	0.81%

**Table 25. Marijuana Positivity by 2025 State Legalized Use Status – Urine Drug Tests
(For General U.S. Workforce, as a percentage of all tests for Marijuana Metabolite)**

Drug Category	2017	2018	2019	2020	2021	2022	2023	2024	2025
Recreational Use	2.7%	3.1%	3.6%	4.1%	4.8%	5.5%	5.8%	5.9%	5.7%
Medical Use Only	2.1%	2.4%	2.7%	3.2%	3.6%	4.0%	4.0%	3.9%	3.6%
Neither Recreational nor Medical Use	2.8%	2.7%	2.7%	3.0%	3.0%	3.1%	3.3%	3.3%	3.4%
National	2.6%	2.8%	3.1%	3.6%	3.9%	4.3%	4.5%	4.5%	4.4%