



Florida Department of
Law Enforcement

Richard L. Swearingen
Commissioner

Criminal Justice Professionalism
Post Office Box 1489
Tallahassee, Florida 32302-1489
(850) 410-8600
www.fdle.state.fl.us

Rick Scott, Governor
Pam Bondi, Attorney General
Jimmy Patronis, Chief Financial Officer
Adam Putnam, Commissioner of Agriculture

Memorandum

To: Department Inspectors
From: Brett Kirkland, Program Manager BK
Date: Monday, August 14, 2017
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - May 2017

The following information is based on the review of the May 2017 subject tests electronic data:

| Breath Test Statistics | | | Alcohol Concentration Statistics From Breath Samples with No Message Flag | | |
|---|-------|---------|--|--|--|
| Total Number of Breath Tests: 2676 | | | Average Breath Alcohol Concentration 0.146 | | |
| Type of Test | | | # of Breath Samples <0.08 g/210L 778 20 % | | |
| Driving Under the Influence | 2537 | 94.81 % | # of Breath Samples >=0.08 g/210L 3091 80 % | | |
| System Check | 2 | 0.07 % | # of Breath Samples >=0.15 g/210L 2082 54 % | | |
| Administrative | 15 | 0.56 % | Messages (Total Number of Occurrences) | | |
| Boating Under the Influence | 103 | 3.85 % | Volume Not Met 214 8.00 % | | |
| Court Ordered | 7 | 0.26 % | Slope Not Met 7 0.26 % | | |
| Other | 4 | 0.15 % | No Sample Provided 169 6.32 % | | |
| Probation/Parole | 7 | 0.26 % | RFI Detect 103 3.85 % | | |
| Commercial Motor Vehicle | 0 | 0.00 % | Subject Test Refused 540 20.18 % | | |
| 0.02 Enforcement/Zero Tolerance | 1 | 0.04 % | Slope Not Level 4 0.15 % | | |
| Breath Sample Statistics | | | Sequence Aborted 15 0.56 % | | |
| Total Number of Breath Samples 4853 | | | Interferent Detect 16 0.60 % | | |
| Average Breath Volume - All Breath Samples 1.767 Liters | | | Improper Sample 10 0.37 % | | |
| # of Breath Samples with No Message Flag | 3869 | 79.7 % | Range Exceeded 0 0.00 % | | |
| # of Breath Samples with Message Flag | 984 | 20.3 % | Ambient Fail 8 0.30 % | | |
| Control Tests During Subject Tests | | | No 0.02 Agreement 13 0.49 % | | |
| Total # of all Control Tests 5192 | | | Purge Fail 24 0.90 % | | |
| Average of all Control Test Results 0.079 | | | Control Outside Tolerance 33 1.23 % | | |
| # Control Tests within Acceptable Range | 5143 | 99.06 % | Temperature Regulation Test 0 0.00 % | | |
| # Control Tests - Ctl Out Tolerance | 33 | 0.64 % | Analytical Stability Test 0 0.00 % | | |
| # Control Tests - Interferent Detect | 12 | 0.23 % | EEPROM Checksum Test 0 0.00 % | | |
| # Control Tests with RFI Detect | 4 | 0.08 % | Voltage/Current Test 2 0.07 % | | |
| Air Blanks During Subject Tests | | | DSP Test 0 0.00 % | | |
| Total # of All Air Blanks 15074 | | | Diagnostic Checks During Subject Tests | | |
| # of Air Blanks with No Message Flag | 14952 | 99.19 % | Total # of All Diagnostic Checks 5202 | | |
| # of Air Blanks with Message Flag | 122 | 0.81 % | # of Diagnostic Checks - OK 5197 99.90 % | | |
| | | | # of Diagnostic Checks - Fail 5 0.10 % | | |

If you have any questions concerning this information, please feel free to contact me at (850) 617-1290