



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

Ron DeSantis, Governor
Ashley Moody, Attorney General
Jimmy Patronis, Chief Financial Officer
Nikki Fried, Commissioner of Agriculture

Memorandum

To: Department Inspectors
From: Brett Kirkland, Program Manager *BK*
Date: Tuesday, March 12, 2019
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - December 2018

The following information is based on the review of the December 2018 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 2753			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.148		
Driving Under the Influence	2704	98.22 %	# of Breath Samples <=0.08 g/210L	718	17 %
System Check	2	0.07 %	# of Breath Samples >=0.08 g/210L	3420	83 %
Administrative	15	0.54 %	# of Breath Samples >=0.15 g/210L	2189	53 %
Boating Under the Influence	10	0.36 %	Messages (Total Number of Occurrences)		
Court Ordered	10	0.36 %	Volume Not Met	208	7.56 %
Other	4	0.15 %	Slope Not Met	5	0.18 %
Probation/Parole	8	0.29 %	No Sample Provided	165	5.99 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	99	3.60 %
0.02 Enforcement/Zero Tolerance	0	0.00 %	Subject Test Refused	517	18.78 %
Breath Sample Statistics			Slope Not Level	10	0.36 %
Total Number of Breath Samples 5092			Sequence Aborted	8	0.29 %
Average Breath Volume - All Breath Samples 1.791 Liters			Interferent Detect	14	0.51 %
# of Breath Samples with No Message Flag	4138	81.3 %	Improper Sample	9	0.33 %
# of Breath Samples with Message Flag	954	18.7 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	5	0.18 %
Total # of all Control Tests 5389			No 0.02 Agreement	9	0.33 %
Average of all Control Test Results 0.080			Purge Fail	30	1.09 %
# Control Tests within Acceptable Range	5352	99.31 %	Control Outside Tolerance	25	0.91 %
# Control Tests - Ctl Out Tolerance	25	0.46 %	Temperature Regulation Test	0	0.00 %
# Control Tests - Interferent Detect	4	0.07 %	Analytical Stability Test	1	0.04 %
# Control Tests with RFI Detect	8	0.15 %	EEPROM Checksum Test	0	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	2	0.07 %
Total # of All Air Blanks 15722			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	15613	99.31 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	109	0.69 %	Total # of All Diagnostic Checks 5383		
			# of Diagnostic Checks - OK	5380	99.94 %
			# of Diagnostic Checks - Fail	3	0.06 %

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