



Florida Department of
Law Enforcement

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Commissioner

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Memorandum

To: Department Inspectors
From: Brett Kirkland, Program Manager *BK*
Date: Tuesday, July 16, 2019
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - March 2019

The following information is based on the review of the March 2019 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 2667			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.147		
Driving Under the Influence	2605	97.68 %	# of Breath Samples <0.08 g/210L	701	18 %
System Check	2	0.07 %	# of Breath Samples >=0.08 g/210L	3252	82 %
Administrative	16	0.60 %	# of Breath Samples >=0.15 g/210L	2100	53 %
Boating Under the Influence	26	0.97 %	Messages (Total Number of Occurrences)		
Court Ordered	6	0.22 %	Volume Not Met	202	7.57 %
Other	0	0.00 %	Slope Not Met	3	0.11 %
Probation/Parole	11	0.41 %	No Sample Provided	182	6.82 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	105	3.94 %
0.02 Enforcement/Zero Tolerance	1	0.04 %	Subject Test Refused	541	20.28 %
Breath Sample Statistics			Slope Not Level	3	0.11 %
Total Number of Breath Samples 4939			Sequence Aborted	8	0.30 %
Average Breath Volume - All Breath Samples 1.783 Liters			Interferent Detect	16	0.60 %
# of Breath Samples with No Message Flag	3953	80.0 %	Improper Sample	25	0.94 %
# of Breath Samples with Message Flag	986	20 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	3	0.11 %
Total # of all Control Tests 5275			No 0.02 Agreement	12	0.45 %
Average of all Control Test Results 0.080			Purge Fail	11	0.41 %
# Control Tests within Acceptable Range	5227	99.09 %	Control Outside Tolerance	35	1.31 %
# Control Tests - Ctl Out Tolerance	35	0.66 %	Temperature Regulation Test	0	0.00 %
# Control Tests - Interferent Detect	7	0.13 %	Analytical Stability Test	0	0.00 %
# Control Tests with RFI Detect	6	0.11 %	EEPROM Checksum Test	0	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	3	0.11 %
Total # of All Air Blanks 15320			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	15210	99.28 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	110	0.72 %	Total # of All Diagnostic Checks 5272		
			# of Diagnostic Checks - OK	5269	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