



Florida Department of
Law Enforcement

Richard L. Swearingen
Commissioner

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Memorandum

To: Department Inspectors
From: Brett Kirkland, Program Manager
Date: Tuesday, March 19, 2019 *BK*
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - 2018

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

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 30138			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.146		
Driving Under the Influence	29288	97.18 %	# of Breath Samples <0.08 g/210L	8458	19 %
System Check	14	0.05 %	# of Breath Samples >=0.08 g/210L	35710	81 %
Administrative	204	0.68 %	# of Breath Samples >=0.15 g/210L	23697	54 %
Boating Under the Influence	427	1.42 %	Messages (Total Number of Occurrences)		
Court Ordered	92	0.31 %	Volume Not Met	2299	7.63 %
Other	45	0.15 %	Slope Not Met	55	0.18 %
Probation/Parole	38	0.13 %	No Sample Provided	1855	6.16 %
Commercial Motor Vehicle	3	0.01 %	RFI Detect	1104	3.66 %
0.02 Enforcement/Zero Tolerance	27	0.09 %	Subject Test Refused	6044	20.05 %
Breath Sample Statistics			Slope Not Level	69	0.23 %
Total Number of Breath Samples 55039			Sequence Aborted	101	0.34 %
Average Breath Volume - All Breath Samples 1.782 Liters			Interferent Detect	152	0.50 %
# of Breath Samples with No Message Flag	44168	80.2 %	Improper Sample	92	0.31 %
# of Breath Samples with Message Flag	10871	19.8 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	122	0.40 %
Total # of all Control Tests 58949			No 0.02 Agreement	139	0.46 %
Average of all Control Test Results 0.080			Purge Fail	288	0.96 %
# Control Tests within Acceptable Range	58521	99.27 %	Control Outside Tolerance	308	1.02 %
# Control Tests - Ctl Out Tolerance	308	0.52 %	Temperature Regulation Test	19	0.06 %
# Control Tests - Interferent Detect	70	0.12 %	Analytical Stability Test	15	0.05 %
# Control Tests with RFI Detect	50	0.08 %	EEPROM Checksum Test	0	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	22	0.07 %
Total # of All Air Blanks 170904			DSP Test	6	0.02 %
# of Air Blanks with No Message Flag	169613	99.24 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	1291	0.76 %	Total # of All Diagnostic Checks 58988		
Total Number of Evidential Instruments: 504			# of Diagnostic Checks - OK	58925	99.89 %
Total Number of Breath Test Instructors: 74			# of Diagnostic Checks - Fail	63	0.11 %
			Total Number of Breath Test Operators: 6862		
			Total Number of Agency Inspectors: 564		

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