



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, October 22, 2019
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - July 2019

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

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 2537			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.139		
Driving Under the Influence	2397	94.48 %	# of Breath Samples <0.08 g/210L	828	23 %
System Check	0	0.00 %	# of Breath Samples >=0.08 g/210L	2759	77 %
Administrative	9	0.35 %	# of Breath Samples >=0.15 g/210L	1794	50 %
Boating Under the Influence	106	4.18 %	Messages (Total Number of Occurrences)		
Court Ordered	11	0.43 %	Volume Not Met	179	7.06 %
Other	3	0.12 %	Slope Not Met	7	0.28 %
Probation/Parole	8	0.32 %	No Sample Provided	138	5.44 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	123	4.85 %
0.02 Enforcement/Zero Tolerance	3	0.12 %	Subject Test Refused	544	21.44 %
Breath Sample Statistics			Slope Not Level	6	0.24 %
Total Number of Breath Samples 4531			Sequence Aborted	23	0.91 %
Average Breath Volume - All Breath Samples 1.752 Liters			Interferent Detect	21	0.83 %
# of Breath Samples with No Message Flag	3587	79.2 %	Improper Sample	4	0.16 %
# of Breath Samples with Message Flag	944	20.8 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	11	0.43 %
Total # of all Control Tests 4911			No 0.02 Agreement	14	0.55 %
Average of all Control Test Results 0.079			Purge Fail	20	0.79 %
# Control Tests within Acceptable Range	4850	98.76 %	Control Outside Tolerance	48	1.89 %
# Control Tests - Ctl Out Tolerance	48	0.98 %	Temperature Regulation Test	1	0.04 %
# Control Tests - Interferent Detect	10	0.20 %	Analytical Stability Test	2	0.08 %
# Control Tests with RFI Detect	3	0.06 %	EEPROM Checksum Test	0	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	1	0.04 %
Total # of All Air Blanks 14155			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	14030	99.12 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	125	0.88 %	Total # of All Diagnostic Checks 4900		
			# of Diagnostic Checks - OK	4896	99.92 %
			# of Diagnostic Checks - Fail	4	0.08 %

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