



Florida Department of
Law Enforcement

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Commissioner

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Memorandum

To: Department Inspectors
From: Thomas Graham, Program Manager *JG 6/18/21*
Date: Thursday, June 17, 2021
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - 2020

The following information is based on the review of 2020 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics From Breath Samples with No Message Flag		
Total Number of Breath Tests: 26041			Average Breath Alcohol Concentration 0.141		
Type of Test			# of Breath Samples <0.08 g/210L 8838 23 %		
Driving Under the Influence	25295	97.14 %	# of Breath Samples >=0.08 g/210L 29563 77 %		
System Check	46	0.18 %	# of Breath Samples >=0.15 g/210L 19833 52 %		
Administrative	97	0.37 %	Messages (Total Number of Occurrences)		
Boating Under the Influence	431	1.66 %	Volume Not Met	2007	7.71 %
Court Ordered	85	0.33 %	Slope Not Met	65	0.25 %
Other	30	0.12 %	No Sample Provided	1838	7.06 %
Probation/Parole	41	0.16 %	RFI Detect	1082	4.15 %
Commercial Motor Vehicle	0	0.00 %	Subject Test Refused	4765	18.30 %
0.02 Enforcement/Zero Tolerance	16	0.06 %	Slope Not Level	48	0.18 %
Breath Sample Statistics			Sequence Aborted	113	0.43 %
Total Number of Breath Samples 47634			Interferent Detect	152	0.58 %
Average Breath Volume - All Breath Samples 1.797 Liters			Improper Sample	95	0.36 %
# of Breath Samples with No Message Flag 38401 80.62 %			Range Exceeded	0	0.00 %
# of Breath Samples with Message Flag 9233 19.38 %			Ambient Fail	101	0.39 %
Control Tests During Subject Tests			No 0.02 Agreement	132	0.51 %
Total # of all Control Tests 50550			Purge Fail	227	0.87 %
Average of all Control Test Results 0.079			Control Outside Tolerance	398	1.53 %
# Control Tests within Acceptable Range 50001 98.91 %			Temperature Regulation Test	9	0.03 %
# Control Tests - Ctl Out Tolerance 407 0.81 %			Analytical Stability Test	10	0.04 %
# Control Tests - Interferent Detect 89 0.18 %			EEPROM Checksum Test	0	0.00 %
# Control Tests with RFI Detect 53 0.10 %			Voltage/Current Test	10	0.04 %
Air Blanks During Subject Tests			DSP Test	5	0.02 %
Total # of All Air Blanks 147671			Diagnostic Checks During Subject Tests		
# of Air Blanks with No Message Flag 146477 99.19 %			Total # of All Diagnostic Checks 50562		
# of Air Blanks with Message Flag 1194 0.809 %			# of Diagnostic Checks - OK 50502 99.88 %		
			# of Diagnostic Checks - Fail 60 0.12 %		
Total Number of Evidential Instruments: 523			Total Number of Breath Test Operators: 6344		
Total Number of Breath Test Instructors: 72			Total Number of Agency Inspectors: 563		

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