



Florida Department of
Law Enforcement

Richard L. Swearingen
Commissioner

Alcohol Testing Program

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Rick Scott, *Governor*
Pam Bondi, *Attorney General*
Jeff Atwater, *Chief Financial Officer*
Adam Putnam, *Commissioner of Agriculture*

Memorandum

To: Department Inspectors
From: Brett Kirkland, Program Manager *BK*
Date: Wednesday, March 22, 2017
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - 2016

The following information is based on the review of the 2016 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 30478			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.144		
Driving Under the Influence	29733	97.56 %	# of Breath Samples <0.08 g/210L	9056	20 %
System Check	31	0.10 %	# of Breath Samples >=0.08 g/210L	35798	80 %
Administrative	248	0.81 %	# of Breath Samples >=0.15 g/210L	23861	53 %
Boating Under the Influence	248	0.81 %	Messages (Total Number of Occurrences)		
Court Ordered	92	0.30 %	Volume Not Met	2470	8.10 %
Other	33	0.11 %	Slope Not Met	59	0.19 %
Probation/Parole	47	0.15 %	No Sample Provided	1831	6.01 %
Commercial Motor Vehicle	1	0.00 %	RFI Detect	1059	3.47 %
0.02 Enforcement/Zero Tolerance	45	0.15 %	Subject Test Refused	5962	19.56 %
Breath Sample Statistics			Slope Not Level	61	0.20 %
Total Number of Breath Samples 55861			Sequence Aborted	175	0.57 %
Average Breath Volume - All Breath Samples 1.776 Liters			Interferent Detect	95	0.31 %
# of Breath Samples with No Message Flag	44854	80.3 %	Improper Sample	59	0.19 %
# of Breath Samples with Message Flag	11007	19.7 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	73	0.24 %
Total # of all Control Tests 59575			No 0.02 Agreement	181	0.59 %
Average of all Control Test Results 0.079			Purge Fail	231	0.76 %
# Control Tests within Acceptable Range	59132	99.26 %	Control Outside Tolerance	371	1.22 %
# Control Tests - Ctl Out Tolerance	376	0.63 %	Temperature Regulation Test	16	0.05 %
# Control Tests - Interferent Detect	21	0.04 %	Analytical Stability Test	2	0.01 %
# Control Tests with RFI Detect	46	0.08 %	EEPROM Checksum Test	1	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	22	0.07 %
Total # of All Air Blanks 172974			DSP Test	3	0.01 %
# of Air Blanks with No Message Flag	171831	99.34 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	1143	0.66 %	Total # of All Diagnostic Checks 59531		
			# of Diagnostic Checks - OK	59487	99.93 %
			# of Diagnostic Checks - Fail	44	0.07 %

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