



Florida Department of
Law Enforcement

Richard L. Swearingen
Commissioner

Alcohol Testing Program

P.O. Box 1489
Tallahassee Florida 32302
(850) 617-1290
(850) 921-3787 Fax
www.fdle.state.fl.us/atp

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: Tuesday, October 18, 2016
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - July 2016

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

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 2525			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.144		
Driving Under the Influence	2425	96.04 %	# of Breath Samples <0.08 g/210L	793	21 %
System Check	3	0.12 %	# of Breath Samples >=0.08 g/210L	3001	79 %
Administrative	35	1.39 %	# of Breath Samples >=0.15 g/210L	2044	54 %
Boating Under the Influence	47	1.86 %	Messages (Total Number of Occurrences)		
Court Ordered	11	0.44 %	Volume Not Met	197	7.80 %
Other	1	0.04 %	Slope Not Met	4	0.16 %
Probation/Parole	2	0.08 %	No Sample Provided	157	6.22 %
Commercial Motor Vehicle	1	0.04 %	RFI Detect	87	3.45 %
0.02 Enforcement/Zero Tolerance	0	0.00 %	Subject Test Refused	476	18.85 %
Breath Sample Statistics			Slope Not Level	5	0.20 %
Total Number of Breath Samples	4665		Sequence Aborted	11	0.44 %
Average Breath Volume - All Breath Samples	1.791 Liters		Interferent Detect	5	0.20 %
# of Breath Samples with No Message Flag	3794	81.3 %	Improper Sample	9	0.36 %
# of Breath Samples with Message Flag	871	18.7 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	4	0.16 %
Total # of all Control Tests	4941		No 0.02 Agreement	4	0.16 %
Average of all Control Test Results	0.079		Purge Fail	10	0.40 %
# Control Tests within Acceptable Range	4910	99.37 %	Control Outside Tolerance	26	1.03 %
# Control Tests - Ctl Out Tolerance	26	0.53 %	Temperature Regulation Test	4	0.16 %
# Control Tests - Interferent Detect	0	0.00 %	Analytical Stability Test	0	0.00 %
# Control Tests with RFI Detect	5	0.10 %	EEPROM Checksum Test	0	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	1	0.04 %
Total # of All Air Blanks	14405		DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	14319	99.40 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	86	0.6 %	Total # of All Diagnostic Checks	4935	
			# of Diagnostic Checks - OK	4930	99.90 %
			# of Diagnostic Checks - Fail	5	0.10 %

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