



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 *BSK*
Date: Monday, February 13, 2017
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - October 2016

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

Breath Test Statistics			Alcohol Concentration Statistics From Breath Samples with No Message Flag		
Total Number of Breath Tests: 2502			Average Breath Alcohol Concentration 0.144		
Type of Test			# of Breath Samples <0.08 g/210L 736 20 %		
Driving Under the Influence	2454	98.08 %	# of Breath Samples >=0.08 g/210L 2908 80 %		
System Check	1	0.04 %	# of Breath Samples >=0.15 g/210L 2004 55 %		
Administrative	21	0.84 %	Messages (Total Number of Occurrences)		
Boating Under the Influence	3	0.12 %	Volume Not Met	181	7.23 %
Court Ordered	9	0.36 %	Slope Not Met	2	0.08 %
Other	6	0.24 %	No Sample Provided	150	6.00 %
Probation/Parole	4	0.16 %	RFI Detect	80	3.20 %
Commercial Motor Vehicle	0	0.00 %	Subject Test Refused	509	20.34 %
0.02 Enforcement/Zero Tolerance	4	0.16 %	Slope Not Level	3	0.12 %
Breath Sample Statistics			Sequence Aborted	17	0.68 %
Total Number of Breath Samples 4553			Interferent Detect	10	0.40 %
Average Breath Volume - All Breath Samples 1.759 Liters			Improper Sample	4	0.16 %
# of Breath Samples with No Message Flag	3644	80.0 %	Range Exceeded	0	0.00 %
# of Breath Samples with Message Flag	909	20 %	Ambient Fail	8	0.32 %
Control Tests During Subject Tests			No 0.02 Agreement	15	0.60 %
Total # of all Control Tests 4904			Purge Fail	25	1.00 %
Average of all Control Test Results 0.079			Control Outside Tolerance	25	1.00 %
# Control Tests within Acceptable Range	4873	99.37 %	Temperature Regulation Test	3	0.12 %
# Control Tests - Ctl Out Tolerance	27	0.55 %	Analytical Stability Test	0	0.00 %
# Control Tests - Interferent Detect	2	0.04 %	EEPROM Checksum Test	0	0.00 %
# Control Tests with RFI Detect	2	0.04 %	Voltage/Current Test	0	0.00 %
Air Blanks During Subject Tests			DSP Test	0	0.00 %
Total # of All Air Blanks 14162			Diagnostic Checks During Subject Tests		
# of Air Blanks with No Message Flag	14064	99.31 %	Total # of All Diagnostic Checks 4909		
# of Air Blanks with Message Flag	98	0.69 %	# of Diagnostic Checks - OK	4906	99.94 %
			# of Diagnostic Checks - Fail	3	0.06 %

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