



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

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

<b>Breath Test Statistics</b>			<b>Alcohol Concentration Statistics</b>		
Total Number of Breath Tests: 2427			<b>From Breath Samples with No Message Flag</b>		
<b>Type of Test</b>			Average Breath Alcohol Concentration 0.141		
Driving Under the Influence	2372	97.73 %	# of Breath Samples <0.08 g/210L	811	23 %
System Check	2	0.08 %	# of Breath Samples >=0.08 g/210L	2714	77 %
Administrative	19	0.78 %	# of Breath Samples >=0.15 g/210L	1877	53 %
Boating Under the Influence	13	0.54 %	<b>Messages (Total Number of Occurrences)</b>		
Court Ordered	7	0.29 %	Volume Not Met	195	8.03 %
Other	3	0.12 %	Slope Not Met	8	0.33 %
Probation/Parole	5	0.21 %	No Sample Provided	146	6.02 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	94	3.87 %
0.02 Enforcement/Zero Tolerance	6	0.25 %	Subject Test Refused	490	20.19 %
<b>Breath Sample Statistics</b>			Slope Not Level	6	0.25 %
Total Number of Breath Samples 4425			Sequence Aborted	16	0.66 %
Average Breath Volume - All Breath Samples 1.761 Liters			Interferent Detect	10	0.41 %
# of Breath Samples with No Message Flag	3525	79.7 %	Improper Sample	6	0.25 %
# of Breath Samples with Message Flag	900	20.3 %	Range Exceeded	0	0.00 %
<b>Control Tests During Subject Tests</b>			Ambient Fail	7	0.29 %
Total # of all Control Tests 4743			No 0.02 Agreement	15	0.62 %
Average of all Control Test Results 0.079			Purge Fail	15	0.62 %
# Control Tests within Acceptable Range	4697	99.03 %	Control Outside Tolerance	37	1.52 %
# Control Tests - Ctl Out Tolerance	38	0.80 %	Temperature Regulation Test	1	0.04 %
# Control Tests - Interferent Detect	4	0.08 %	Analytical Stability Test	1	0.04 %
# Control Tests with RFI Detect	4	0.08 %	EEPROM Checksum Test	0	0.00 %
<b>Air Blanks During Subject Tests</b>			Voltage/Current Test	2	0.08 %
Total # of All Air Blanks 13749			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	13648	99.27 %	<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with Message Flag	101	0.73 %	Total # of All Diagnostic Checks 4737		
			# of Diagnostic Checks - OK	4733	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