



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:** Monday, May 08, 2017  
**SUBJECT:** Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - February 2017

The following information is based on the review of the February 2017 subject tests electronic data:

<b>Breath Test Statistics</b>			<b>Alcohol Concentration Statistics</b>		
Total Number of Breath Tests: 2515			<b>From Breath Samples with No Message Flag</b>		
<b>Type of Test</b>			Average Breath Alcohol Concentration 0.145		
Driving Under the Influence	2466	98.05 %	# of Breath Samples <0.08 g/210L	728	20 %
System Check	3	0.12 %	# of Breath Samples >=0.08 g/210L	2921	80 %
Administrative	17	0.68 %	# of Breath Samples >=0.15 g/210L	1923	53 %
Boating Under the Influence	6	0.24 %	<b>Messages (Total Number of Occurrences)</b>		
Court Ordered	14	0.56 %	Volume Not Met	196	7.79 %
Other	4	0.16 %	Slope Not Met	6	0.24 %
Probation/Parole	3	0.12 %	No Sample Provided	169	6.72 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	87	3.46 %
0.02 Enforcement/Zero Tolerance	2	0.08 %	Subject Test Refused	509	20.24 %
<b>Breath Sample Statistics</b>			Slope Not Level	6	0.24 %
Total Number of Breath Samples 4583			Sequence Aborted	10	0.40 %
Average Breath Volume - All Breath Samples 1.749 Liters			Interferent Detect	21	0.83 %
# of Breath Samples with No Message Flag	3649	79.6 %	Improper Sample	13	0.52 %
# of Breath Samples with Message Flag	934	20.4 %	Range Exceeded	0	0.00 %
<b>Control Tests During Subject Tests</b>			Ambient Fail	3	0.12 %
Total # of all Control Tests 4918			No 0.02 Agreement	12	0.48 %
Average of all Control Test Results 0.079			Purge Fail	14	0.56 %
# Control Tests within Acceptable Range	4875	99.13 %	Control Outside Tolerance	29	1.15 %
# Control Tests - Ctl Out Tolerance	29	0.59 %	Temperature Regulation Test	0	0.00 %
# Control Tests - Interferent Detect	10	0.20 %	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	0	0.00 %
Total # of All Air Blanks 14224			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	14134	99.37 %	<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with Message Flag	90	0.63 %	Total # of All Diagnostic Checks 4912		
			# of Diagnostic Checks - OK	4911	99.98 %
			# of Diagnostic Checks - Fail	1	0.02 %

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