



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:** Thursday, June 08, 2017  
**SUBJECT:** Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - March 2017

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

<b>Breath Test Statistics</b>			<b>Alcohol Concentration Statistics</b>		
Total Number of Breath Tests: 2706			<b>From Breath Samples with No Message Flag</b>		
<b>Type of Test</b>			Average Breath Alcohol Concentration 0.148		
Driving Under the Influence	2652	98.00 %	# of Breath Samples <0.08 g/210L	754	19 %
System Check	1	0.04 %	# of Breath Samples >=0.08 g/210L	3227	81 %
Administrative	18	0.67 %	# of Breath Samples >=0.15 g/210L	2213	56 %
Boating Under the Influence	7	0.26 %	<b>Messages (Total Number of Occurrences)</b>		
Court Ordered	11	0.41 %	Volume Not Met	201	7.43 %
Other	7	0.26 %	Slope Not Met	5	0.18 %
Probation/Parole	4	0.15 %	No Sample Provided	189	6.98 %
Commercial Motor Vehicle	2	0.07 %	RFI Detect	90	3.33 %
0.02 Enforcement/Zero Tolerance	4	0.15 %	Subject Test Refused	511	18.88 %
<b>Breath Sample Statistics</b>			Slope Not Level	7	0.26 %
Total Number of Breath Samples 4958			Sequence Aborted	24	0.89 %
Average Breath Volume - All Breath Samples 1.803 Liters			Interferent Detect	18	0.67 %
# of Breath Samples with No Message Flag	3981	80.3 %	Improper Sample	9	0.33 %
# of Breath Samples with Message Flag	977	19.7 %	Range Exceeded	0	0.00 %
<b>Control Tests During Subject Tests</b>			Ambient Fail	14	0.52 %
Total # of all Control Tests 5260			No 0.02 Agreement	10	0.37 %
Average of all Control Test Results 0.079			Purge Fail	28	1.03 %
# Control Tests within Acceptable Range	5221	99.26 %	Control Outside Tolerance	29	1.07 %
# Control Tests - Ctl Out Tolerance	29	0.55 %	Temperature Regulation Test	4	0.15 %
# Control Tests - Interferent Detect	5	0.10 %	Analytical Stability Test	1	0.04 %
# Control Tests with RFI Detect	5	0.10 %	EEPROM Checksum Test	0	0.00 %
<b>Air Blanks During Subject Tests</b>			Voltage/Current Test	6	0.22 %
Total # of All Air Blanks 15357			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	15245	99.27 %	<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with Message Flag	112	0.73 %	Total # of All Diagnostic Checks 5257		
			# of Diagnostic Checks - OK	5246	99.79 %
			# of Diagnostic Checks - Fail	11	0.21 %

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