



Florida Department of  
Law Enforcement

Gerald M. Bailey  
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:** Laura Barfield, Alcohol Testing Program Manager **LDB**  
**Date:** Wednesday, February 16, 2011  
**SUBJECT:** UPDATED Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - November 2010

I have completed the Intoxilyzer 8000 Subject Tests Statistical Data Review for November 2010. The following information is based on the review of the November 2010 subject tests electronic data:

<b>Breath Test Statistics</b> Total Number of Breath Tests: 3439			<b>Alcohol Concentration Statistics</b> From Breath Samples with No Message Flag		
<b>Type of Test</b>			Average Breath Alcohol Concentration 0.147		
Driving Under the Influence	3368	97.94 %	# of Breath Samples <0.08 g/210L	935	18 %
System Check	5	0.15 %	# of Breath Samples >=0.08 g/210L	4265	82 %
Administrative	25	0.73 %	# of Breath Samples >=0.20 g/210L	1238	24 %
Boating Under the Influence	5	0.15 %	<b>Messages (Total Number of Occurrences)</b>		
Court Ordered	10	0.29 %	Volume Not Met	271	7.88 %
Other	15	0.44 %	Slope Not Met	47	1.37 %
Probation/Parole	7	0.20 %	No Sample Provided	129	3.75 %
Commercial Motor Vehicle	1	0.03 %	RFI Detect	58	1.69 %
0.02 Enforcement/Zero Tolerance	3	0.09 %	Subject Test Refused	629	18.29 %
<b>Breath Sample Statistics</b>			Slope Not Level	13	0.38 %
Total Number of Breath Samples 6344			Sequence Aborted	18	0.52 %
Average Breath Volume - All Breath Samples 1.859 Liters			Interferent Detect	18	0.52 %
# of Breath Samples with No Message Flag	5200	82 %	Improper Sample	12	0.35 %
# of Breath Samples with Message Flag	1144	18.0 %	Range Exceeded	0	0.00 %
<b>Control Tests During Subject Tests</b>			Ambient Fail	5	0.15 %
Total # of all Control Tests 6736			No 0.02 Agreement	19	0.55 %
Average of all Control Test Results 0.080			Purge Fail	77	2.24 %
# Control Tests within Acceptable Range	6705	99.54 %	Control Outside Tolerance	23	0.67 %
# Control Tests - Ctl Out Tolerance	23	0.34 %	Temperature Regulation Test	2	0.06 %
# Control Tests - Interferent Detect	6	0.09 %	Analytical Stability Test	0	0.00 %
# Control Tests with RFI Detect	2	0.03 %	EEPROM Checksum Test	0	0.00 %
<b>Air Blanks During Subject Tests</b>			Voltage/Current Test	3	0.09 %
Total # of All Air Blanks 19597			DSP Test	1	0.03 %
# of Air Blanks with No Message Flag	19467	99.34 %	<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with Message Flag	130	0.66 %	Total # of All Diagnostic Checks 6728		
			# of Diagnostic Checks - OK	6722	99.91 %
			# of Diagnostic Checks - Fail	6	0.09 %

If you have any questions concerning this information, please feel free to contact me at (850) 817-1290