



Florida Department of  
Law Enforcement

Gerald M. Bailey  
Commissioner

**Alcohol Testing Program**

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Charlie Crist, *Governor*  
Bill McCollum, *Attorney General*  
Alex Sink, *Chief Financial Officer*  
Charles H. Bronson, *Commissioner of Agriculture*

**Memorandum**

**To:** Department Inspectors  
**From:** Laura Barfield, Alcohol Testing Program Manager *LAB*  
**Date:** Monday, November 29, 2010  
**SUBJECT:** Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - August 2010

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

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 3755			From Breath Samples with No Message Flag		
<b>Type of Test</b>			Average Breath Alcohol Concentration 0.144		
Driving Under the Influence	3657	97.39 %	# of Breath Samples <0.08 g/210L	1150	20 %
System Check	10	0.27 %	# of Breath Samples >/=0.08 g/210L	4496	80 %
Administrative	20	0.53 %	# of Breath Samples >/=0.20 g/210L	1309	23 %
Boating Under the Influence	15	0.40 %	<b>Messages (Total Number of Occurrences)</b>		
Court Ordered	26	0.69 %	Volume Not Met	260	6.92 %
Other	14	0.37 %	Slope Not Met	35	0.93 %
Probation/Parole	9	0.24 %	No Sample Provided	149	3.97 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	104	2.77 %
0.02 Enforcement/Zero Tolerance	4	0.11 %	Subject Test Refused	711	18.93 %
<b>Breath Sample Statistics</b>			Slope Not Level	6	0.16 %
Total Number of Breath Samples 6861			Sequence Aborted	19	0.51 %
Average Breath Volume - All Breath Samples 1.877 Liters			Interferent Detect	13	0.35 %
# of Breath Samples with No Message Flag	5646	82.29 %	Improper Sample	30	0.80 %
# of Breath Samples with Message Flag	1215	17.71 %	Range Exceeded	1	0.03 %
<b>Control Tests During Subject Tests</b>			Ambient Fail	11	0.29 %
Total # of all Control Tests 7315			No 0.02 Agreement	18	0.48 %
Average of all Control Test Results 0.079			Purge Fail	49	1.30 %
# Control Tests within Acceptable Range	7257	99.21 %	Control Outside Tolerance	49	1.30 %
# Control Tests - Ctl Out Tolerance	49	0.67 %	Temperature Regulation Test	1	0.03 %
# Control Tests - Interferent Detect	7	0.10 %	Analytical Stability Test	1	0.03 %
# Control Tests with RFI Detect	2	0.03 %	EEPROM Checksum Test	0	0.00 %
<b>Air Blanks During Subject Tests</b>			Voltage/Current Test	6	0.16 %
Total # of All Air Blanks 21270			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	21104	99.22 %	<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with Message Flag	166	0.780 %	Total # of All Diagnostic Checks 7316		
			# of Diagnostic Checks - OK	7308	99.89 %
			# of Diagnostic Checks - Fail	8	0.11 %

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