



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 **LDB**  
**Date:** Wednesday, September 02, 2009  
**SUBJECT:** UPDATED Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - October 2008

I have completed the Intoxilyzer 8000 Subject Tests Statistical Data Review for October 2008. The following information is based on the review of the October 2008 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 4373			From Breath Samples with No Message Flag		
<b>Type of Test</b>			Average Breath Alcohol Concentration 0.149		
Driving Under the Influence	4268	97.60 %	# of Breath Samples <0.08 g/210L	1100	17 %
System Check	2	0.05 %	# of Breath Samples >=0.08 g/210L	5309	83 %
Administrative	30	0.69 %	# of Breath Samples >=0.20 g/210L	1505	23 %
Boating Under the Influence	17	0.39 %	<b>Messages (Total Number of Occurrences)</b>		
Court Ordered	11	0.25 %	Volume Not Met	356	8.14 %
Other	11	0.25 %	Slope Not Met	14	0.32 %
Probation/Parole	11	0.25 %	No Sample Provided	158	3.61 %
Commercial Motor Vehicle	4	0.09 %	RFI Detect	110	2.52 %
0.02 Enforcement/Zero Tolerance	19	0.43 %	Subject Test Refused	895	20.47 %
<b>Breath Sample Statistics</b>			Slope Not Level	14	0.32 %
Total Number of Breath Samples 7951			Sequence Aborted	31	0.71 %
Average Breath Volume - All Breath Samples 1.784 Liters			Interferent Detect	16	0.37 %
# of Breath Samples with No Message Flag	6409	80.61 %	Improper Sample	28	0.64 %
# of Breath Samples with Message Flag	1542	19.39 %	Range Exceeded	0	0.00 %
<b>Control Tests During Subject Tests</b>			Ambient Fail	8	0.18 %
Total # of all Control Tests 8549			No 0.02 Agreement	46	1.05 %
Average of all Control Test Results 0.079			Purge Fail	68	1.55 %
# Control Tests within Acceptable Range	8472	99.10 %	Control Outside Tolerance	65	1.49 %
# Control Tests - Ctl Out Tolerance	65	0.76 %	Temperature Regulation Test	2	0.05 %
# Control Tests - Interferent Detect	8	0.09 %	Analytical Stability Test	0	0.00 %
# Control Tests with RFI Detect	4	0.05 %	EEPROM Checksum Test	0	0.00 %
<b>Air Blanks During Subject Tests</b>			Voltage/Current Test	0	0.00 %
Total # of All Air Blanks 24699			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	24520	99.28 %	<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with Message Flag	179	0.725 %	Total # of All Diagnostic Checks 8518		
			# of Diagnostic Checks - OK	8516	99.98 %
			# of Diagnostic Checks - Fail	2	0.02 %

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