



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 **LOB**  
**Date:** Tuesday, March 09, 2010  
**SUBJECT:** UPDATE # 2 Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - November 2009

I have completed the Intoxilyzer 8000 Subject Tests Statistical Data Review for November 2009. The following information is based on the review of the November 2009 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests:			From Breath Samples with No Message Flag		
3957			Average Breath Alcohol Concentration 0.147		
<b>Type of Test</b>			# of Breath Samples <0.08 g/210L 1052 18 %		
Driving Under the Influence	3872	97.85 %	# of Breath Samples >=0.08 g/210L 4826 82 %		
System Check	3	0.08 %	# of Breath Samples >=0.20 g/210L 1363 23 %		
Administrative	16	0.40 %	<b>Messages (Total Number of Occurrences)</b>		
Boating Under the Influence	5	0.13 %	Volume Not Met 281 7.10 %		
Court Ordered	13	0.33 %	Slope Not Met 46 1.16 %		
Other	34	0.86 %	No Sample Provided 158 3.99 %		
Probation/Parole	4	0.10 %	RFI Detect 103 2.60 %		
Commercial Motor Vehicle	0	0.00 %	Subject Test Refused 766 19.36 %		
0.02 Enforcement/Zero Tolerance	10	0.25 %	Slope Not Level 4 0.10 %		
<b>Breath Sample Statistics</b>			Sequence Aborted 16 0.40 %		
Total Number of Breath Samples 7188			Interferent Detect 32 0.81 %		
Average Breath Volume - All Breath Samples 1.871 Liters			Improper Sample 31 0.78 %		
# of Breath Samples with No Message Flag 5878 81.78 %			Range Exceeded 0 0.00 %		
# of Breath Samples with Message Flag 1310 18.22 %			Ambient Fail 10 0.25 %		
<b>Control Tests During Subject Tests</b>			No 0.02 Agreement 9 0.23 %		
Total # of all Control Tests 7714			Purge Fail 56 1.42 %		
Average of all Control Test Results 0.079			Control Outside Tolerance 55 1.39 %		
# Control Tests within Acceptable Range 7634 98.96 %			Temperature Regulation Test 5 0.13 %		
# Control Tests - Ctl Out Tolerance 55 0.71 %			Analytical Stability Test 0 0.00 %		
# Control Tests - Interferent Detect 21 0.27 %			EEPROM Checksum Test 0 0.00 %		
# Control Tests with RFI Detect 4 0.05 %			Voltage/Current Test 1 0.03 %		
<b>Air Blanks During Subject Tests</b>			DSP Test 0 0.00 %		
Total # of All Air Blanks 22330			<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with No Message Flag 22168 99.27 %			Total # of All Diagnostic Checks 7703		
# of Air Blanks with Message Flag 162 0.725 %			# of Diagnostic Checks - OK 7697 99.92 %		
			# of Diagnostic Checks - Fail 6 0.08 %		

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