



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:** Wednesday, July 21, 2010  
**SUBJECT:** UPDATED Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - January 2007

I have completed the Intoxilyzer 8000 Subject Tests Statistical Data Review for January 2007. The following information is based on the review of the January 2007 subject tests electronic data:

<b>Breath Test Statistics</b> Total Number of Breath Tests: 4546		<b>Alcohol Concentration Statistics</b> <b>From Breath Samples with No Message Flag</b>	
<b>Type of Test</b>		Average Breath Alcohol Concentration 0.147	
Driving Under the Influence	4270 93.93 %	# of Breath Samples <0.08 g/210L	1205 18 %
System Check	153 3.37 %	# of Breath Samples >=0.08 g/210L	5467 82 %
Administrative	33 0.73 %	# of Breath Samples >=0.20 g/210L	1510 23 %
Boating Under the Influence	26 0.57 %	<b>Messages (Total Number of Occurrences)</b>	
Court Ordered	23 0.51 %	Volume Not Met	297 6.53 %
Other	21 0.46 %	Slope Not Met	6 0.13 %
Probation/Parole	12 0.26 %	No Sample Provided	159 3.50 %
Commercial Motor Vehicle	1 0.02 %	RFI Detect	143 3.15 %
0.02 Enforcement/Zero Tolerance	7 0.15 %	Subject Test Refused	823 18.10 %
<b>Breath Sample Statistics</b>		Slope Not Level	6 0.13 %
Total Number of Breath Samples	8116	Sequence Aborted	146 3.21 %
Average Breath Volume - All Breath Samples	1.871 Liters	Interferent Detect	24 0.53 %
# of Breath Samples with No Message Flag	6672 82.21 %	Improper Sample	20 0.44 %
# of Breath Samples with Message Flag	1444 17.79 %	Range Exceeded	0 0.00 %
<b>Control Tests During Subject Tests</b>		Ambient Fail	22 0.48 %
Total # of all Control Tests	8676	No 0.02 Agreement	19 0.42 %
Average of all Control Test Results	0.080	Purge Fail	108 2.38 %
# Control Tests within Acceptable Range	8594 99.05 %	Control Outside Tolerance	63 1.39 %
# Control Tests - Ct Out Tolerance	63 0.73 %	Temperature Regulation Test	5 0.11 %
# Control Tests - Interferent Detect	10 0.12 %	Analytical Stability Test	0 0.00 %
# Control Tests with RFI Detect	9 0.10 %	EEPROM Checksum Test	0 0.00 %
<b>Air Blanks During Subject Tests</b>		Voltage/Current Test	0 0.00 %
Total # of All Air Blanks	25336	DSP Test	0 0.00 %
# of Air Blanks with No Message Flag	25047 98.86 %	<b>Diagnostic Checks During Subject Tests</b>	
# of Air Blanks with Message Flag	289 1.141 %	Total # of All Diagnostic Checks	8688
		# of Diagnostic Checks - OK	8683 99.94 %
		# of Diagnostic Checks - Fail	5 0.06 %

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