



Florida Department of  
Law Enforcement

Gerald M. Bailey  
Commissioner

**Alcohol Testing Program**  
P.O. Box 1489  
Tallahassee Florida 32302  
(850) 617-1290  
(850) 921-3787 Fax  
<http://www.fdle.state.fl.us>

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:** Monday, April 28, 2008  
**SUBJECT:** UPDATE # 2 Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - December 2007

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

<b>Breath Test Statistics</b>		<b>Alcohol Concentration Statistics</b>	
Total Number of Breath Tests:	4747	<b>From Breath Samples with No Message Flag</b>	
<b>Type of Test</b>		Average Breath Alcohol Concentration	0.148
Driving Under the Influence	4641 97.77 %	# of Breath Samples <0.08 g/210L	1238 17 %
System Check	15 0.32 %	# of Breath Samples >=0.08 g/210L	6009 83 %
Administrative	40 0.84 %	# of Breath Samples >=0.20 g/210L	1716 24 %
Boating Under the Influence	6 0.13 %	<b>Messages (Total Number of Occurrences)</b>	
Court Ordered	15 0.32 %	Volume Not Met	417 8.78 %
Other	9 0.19 %	Slope Not Met	9 0.19 %
Probation/Parole	11 0.23 %	No Sample Provided	153 3.22 %
Commercial Motor Vehicle	1 0.02 %	RFI Detect	158 3.33 %
0.02 Enforcement/Zero Tolerance	9 0.19 %	Subject Test Refused	854 17.99 %
<b>Breath Sample Statistics</b>		Slope Not Level	11 0.23 %
Total Number of Breath Samples	8798	Sequence Aborted	42 0.88 %
Average Breath Volume - All Breath Samples	1.826 Liters	Interferent Detect	15 0.32 %
# of Breath Samples with No Message Flag	7247 82.37 %	Improper Sample	14 0.29 %
# of Breath Samples with Message Flag	1551 17.63 %	Range Exceeded	0 0.00 %
<b>Control Tests During Subject Tests</b>		Ambient Fail	9 0.19 %
Total # of all Control Tests	9244	No 0.02 Agreement	21 0.44 %
Average of all Control Test Results	0.079	Purge Fail	85 1.79 %
# Control Tests within Acceptable Range	9177 99.28 %	Control Outside Tolerance	58 1.22 %
# Control Tests - Ctl Out Tolerance	58 0.63 %	Temperature Regulation Test	9 0.19 %
# Control Tests - Interferent Detect	2 0.02 %	Analytical Stability Test	2 0.04 %
# Control Tests with RFI Detect	7 0.08 %	EEPROM Checksum Test	0 0.00 %
<b>Air Blanks During Subject Tests</b>		Voltage/Current Test	1 0.02 %
Total # of All Air Blanks	27115	<b>Diagnostic Checks During Subject Tests</b>	
# of Air Blanks with No Message Flag	26897 99.20 %	Total # of All Diagnostic Checks	9218
# of Air Blanks with Message Flag	218 0.804 %	# of Diagnostic Checks - OK	9206 99.87 %
		# of Diagnostic Checks - Fail	12 0.13 %

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