



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, July 26, 2010  
**SUBJECT:** UPDATED Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - February 2007

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

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 4324			From Breath Samples with No Message Flag		
<b>Type of Test</b>			Average Breath Alcohol Concentration 0.153		
Driving Under the Influence	4234	97.92 %	# of Breath Samples <0.08 g/210L	909	14 %
System Check	7	0.16 %	# of Breath Samples >=0.08 g/210L	5625	86 %
Administrative	27	0.62 %	# of Breath Samples >=0.20 g/210L	1600	24 %
Boating Under the Influence	6	0.14 %	<b>Messages (Total Number of Occurrences)</b>		
Court Ordered	11	0.25 %	Volume Not Met	303	7.01 %
Other	20	0.46 %	Slope Not Met	7	0.16 %
Probation/Parole	12	0.28 %	No Sample Provided	159	3.68 %
Commercial Motor Vehicle	1	0.02 %	RFI Detect	130	3.01 %
0.02 Enforcement/Zero Tolerance	6	0.14 %	Subject Test Refused	771	17.83 %
<b>Breath Sample Statistics</b>			Slope Not Level	7	0.16 %
Total Number of Breath Samples 7900			Sequence Aborted	65	1.50 %
Average Breath Volume - All Breath Samples 1.852 Liters			Interferent Detect	22	0.51 %
# of Breath Samples with No Message Flag	6534	82.71 %	Improper Sample	15	0.35 %
# of Breath Samples with Message Flag	1366	17.29 %	Range Exceeded	1	0.02 %
<b>Control Tests During Subject Tests</b>			Ambient Fail	13	0.30 %
Total # of all Control Tests 8347			No 0.02 Agreement	16	0.37 %
Average of all Control Test Results 0.080			Purge Fail	149	3.45 %
# Control Tests within Acceptable Range	8285	99.26 %	Control Outside Tolerance	51	1.18 %
# Control Tests - Ctl Out Tolerance	51	0.61 %	Temperature Regulation Test	1	0.02 %
# Control Tests - Interferent Detect	6	0.07 %	Analytical Stability Test	0	0.00 %
# Control Tests with RFI Detect	5	0.06 %	EEPROM Checksum Test	0	0.00 %
<b>Air Blanks During Subject Tests</b>			Voltage/Current Test	3	0.07 %
Total # of All Air Blanks 24455			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	24180	98.88 %	<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with Message Flag	275	1.125 %	Total # of All Diagnostic Checks 8322		
			# of Diagnostic Checks - OK	8318	99.95 %
			# of Diagnostic Checks - Fail	4	0.05 %

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