



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   
**Date:** Thursday, July 22, 2010  
**SUBJECT:** UPDATED Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - April 2010

I have completed the Intoxilyzer 8000 Subject Tests Statistical Data Review for April 2010. The following information is based on the review of the April 2010 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics From Breath Samples with No Message Flag		
Total Number of Breath Tests: 3786			Average Breath Alcohol Concentration 0.146		
<b>Type of Test</b>			# of Breath Samples <0.08 g/210L	1095	19 %
Driving Under the Influence	3706	97.89 %	# of Breath Samples >=0.08 g/210L	4535	81 %
System Check	9	0.24 %	# of Breath Samples >=0.20 g/210L	1335	24 %
Administrative	18	0.48 %	<b>Messages (Total Number of Occurrences)</b>		
Boating Under the Influence	16	0.42 %	Volume Not Met	283	7.47 %
Court Ordered	12	0.32 %	Slope Not Met	36	0.95 %
Other	16	0.42 %	No Sample Provided	135	3.57 %
Probation/Parole	7	0.18 %	RFI Detect	139	3.67 %
Commercial Motor Vehicle	2	0.05 %	Subject Test Refused	751	19.84 %
0.02 Enforcement/Zero Tolerance	0	0.00 %	Slope Not Level	9	0.24 %
<b>Breath Sample Statistics</b>			Sequence Aborted	16	0.42 %
Total Number of Breath Samples 6934			Interferent Detect	27	0.71 %
Average Breath Volume - All Breath Samples 1.912 Liters			Improper Sample	6	0.16 %
# of Breath Samples with No Message Flag	5630	81.19 %	Range Exceeded	1	0.03 %
# of Breath Samples with Message Flag	1304	18.81 %	Ambient Fail	4	0.11 %
<b>Control Tests During Subject Tests</b>			No 0.02 Agreement	26	0.69 %
Total # of all Control Tests 7411			Purge Fail	34	0.90 %
Average of all Control Test Results 0.079			Control Outside Tolerance	40	1.06 %
# Control Tests within Acceptable Range	7358	99.28 %	Temperature Regulation Test	1	0.03 %
# Control Tests - Ctl Out Tolerance	40	0.54 %	Analytical Stability Test	0	0.00 %
# Control Tests - Interferent Detect	8	0.11 %	EEPROM Checksum Test	0	0.00 %
# Control Tests with RFI Detect	5	0.07 %	Voltage/Current Test	3	0.08 %
<b>Air Blanks During Subject Tests</b>			DSP Test	0	0.00 %
Total # of All Air Blanks 21473			<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with No Message Flag	21330	99.33 %	Total # of All Diagnostic Checks 7390		
# of Air Blanks with Message Flag	143	0.666 %	# of Diagnostic Checks - OK	7386	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