



Florida Department of  
Law Enforcement

Gerald M. Bailey  
Commissioner

**Alcohol Testing Program**  
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## Memorandum

**To:** Department Inspectors  
**From:** Laura Barfield, Alcohol Testing Program Manager *LDB*  
**Date:** Tuesday, June 08, 2010  
**SUBJECT:** UPDATED Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - February 2010

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

Breath Test Statistics			Alcohol Concentration Statistics From Breath Samples with No Message Flag		
Total Number of Breath Tests: 3746			Average Breath Alcohol Concentration 0.149		
<b>Type of Test</b>			# of Breath Samples <0.08 g/210L	923	16 %
Driving Under the Influence	3673	98.05 %	# of Breath Samples >=0.08 g/210L	4680	84 %
System Check	4	0.11 %	# of Breath Samples >=0.20 g/210L	1334	24 %
Administrative	13	0.35 %	<b>Messages (Total Number of Occurrences)</b>		
Boating Under the Influence	7	0.19 %	Volume Not Met	248	6.62 %
Court Ordered	18	0.48 %	Slope Not Met	40	1.07 %
Other	19	0.51 %	No Sample Provided	152	4.06 %
Probation/Parole	6	0.16 %	RFI Detect	79	2.11 %
Commercial Motor Vehicle	0	0.00 %	Subject Test Refused	758	20.23 %
0.02 Enforcement/Zero Tolerance	6	0.16 %	Slope Not Level	8	0.21 %
<b>Breath Sample Statistics</b>			Sequence Aborted	23	0.61 %
Total Number of Breath Samples 6866			Interferent Detect	11	0.29 %
Average Breath Volume - All Breath Samples 1.908 Liters			Improper Sample	18	0.48 %
# of Breath Samples with No Message Flag	5603	81.61 %	Range Exceeded	0	0.00 %
# of Breath Samples with Message Flag	1263	18.39 %	Ambient Fail	5	0.13 %
<b>Control Tests During Subject Tests</b>			No 0.02 Agreement	19	0.51 %
Total # of all Control Tests 7337			Purge Fail	71	1.90 %
Average of all Control Test Results 0.080			Control Outside Tolerance	27	0.72 %
# Control Tests within Acceptable Range	7302	99.52 %	Temperature Regulation Test	0	0.00 %
# Control Tests - Ctl Out Tolerance	27	0.37 %	Analytical Stability Test	0	0.00 %
# Control Tests - Interferent Detect	6	0.08 %	EEPROM Checksum Test	0	0.00 %
# Control Tests with RFI Detect	2	0.03 %	Voltage/Current Test	3	0.08 %
<b>Air Blanks During Subject Tests</b>			DSP Test	0	0.00 %
Total # of All Air Blanks 21259			<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with No Message Flag	21114	99.32 %	Total # of All Diagnostic Checks 7323		
# of Air Blanks with Message Flag	145	0.682 %	# of Diagnostic Checks - OK	7320	99.96 %
			# of Diagnostic Checks - Fail	3	0.04 %

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