



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 **LDB**  
**Date:** Tuesday, September 01, 2009  
**SUBJECT:** UPDATED Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - January 2009

I have completed the Intoxilyzer 8000 Subject Tests Statistical Data Review for January 2009. The following information is based on the review of the January 2009 subject tests electronic data:

<b>Breath Test Statistics</b>		<b>Alcohol Concentration Statistics</b>			
Total Number of Breath Tests: 4485		<b>From Breath Samples with No Message Flag</b>			
<b>Type of Test</b>		Average Breath Alcohol Concentration 0.149			
Driving Under the Influence	4404 98.19 %	# of Breath Samples <0.08 g/210L	1078	16 %	
System Check	9 0.20 %	# of Breath Samples >=0.08 g/210L	5594	84 %	
Administrative	20 0.45 %	# of Breath Samples >=0.20 g/210L	1557	23 %	
Boating Under the Influence	6 0.13 %	<b>Messages (Total Number of Occurrences)</b>			
Court Ordered	12 0.27 %	Volume Not Met	351	7.83 %	
Other	17 0.38 %	Slope Not Met	20	0.45 %	
Probation/Parole	8 0.18 %	No Sample Provided	200	4.46 %	
Commercial Motor Vehicle	0 0.00 %	RFI Detect	102	2.27 %	
0.02 Enforcement/Zero Tolerance	9 0.20 %	Subject Test Refused	890	19.84 %	
<b>Breath Sample Statistics</b>		Slope Not Level	10	0.22 %	
Total Number of Breath Samples	8207	Sequence Aborted	16	0.36 %	
Average Breath Volume - All Breath Samples	1.802 Liters	Interferent Detect	11	0.25 %	
# of Breath Samples with No Message Flag	6672 81.3 %	Improper Sample	12	0.27 %	
# of Breath Samples with Message Flag	1535 18.70 %	Range Exceeded	0	0.00 %	
<b>Control Tests During Subject Tests</b>		Ambient Fail	6	0.13 %	
Total # of all Control Tests	8750	No 0.02 Agreement	26	0.58 %	
Average of all Control Test Results	0.080	Purge Fail	80	1.78 %	
# Control Tests within Acceptable Range	8654 98.90 %	Control Outside Tolerance	87	1.94 %	
# Control Tests - Ctl Out Tolerance	87 0.99 %	Temperature Regulation Test	1	0.02 %	
# Control Tests - Interferent Detect	4 0.05 %	Analytical Stability Test	1	0.02 %	
# Control Tests with RFI Detect	5 0.06 %	EEPROM Checksum Test	0	0.00 %	
<b>Air Blanks During Subject Tests</b>		Voltage/Current Test	8	0.18 %	
Total # of All Air Blanks	25416	DSP Test	0	0.00 %	
# of Air Blanks with No Message Flag	25249 99.34 %	<b>Diagnostic Checks During Subject Tests</b>			
# of Air Blanks with Message Flag	167 0.657 %	Total # of All Diagnostic Checks	8723		
		# of Diagnostic Checks - OK	8713	99.89 %	
		# of Diagnostic Checks - Fail	10	0.11 %	

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