



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 **LAB**  
Date: Wednesday, March 17, 2010  
SUBJECT: UPDATE # 2 Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - December 2009

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

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 3916			From Breath Samples with No Message Flag		
<b>Type of Test</b>			Average Breath Alcohol Concentration 0.145		
Driving Under the Influence	3821	97.57 %	# of Breath Samples <0.08 g/210L	1083	19 %
System Check	7	0.18 %	# of Breath Samples >=0.08 g/210L	4694	81 %
Administrative	33	0.84 %	# of Breath Samples >=0.20 g/210L	1341	23 %
Boating Under the Influence	1	0.03 %	<b>Messages (Total Number of Occurrences)</b>		
Court Ordered	28	0.72 %	Volume Not Met	305	7.79 %
Other	20	0.51 %	Slope Not Met	42	1.07 %
Probation/Parole	1	0.03 %	No Sample Provided	165	4.21 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	107	2.73 %
0.02 Enforcement/Zero Tolerance	5	0.13 %	Subject Test Refused	790	20.17 %
<b>Breath Sample Statistics</b>			Slope Not Level	15	0.38 %
Total Number of Breath Samples	7185		Sequence Aborted	28	0.72 %
Average Breath Volume - All Breath Samples	1.866 Liters		Interferent Detect	17	0.43 %
# of Breath Samples with No Message Flag	5777	80.40 %	Improper Sample	7	0.18 %
# of Breath Samples with Message Flag	1408	19.6 %	Range Exceeded	0	0.00 %
<b>Control Tests During Subject Tests</b>			Ambient Fail	7	0.18 %
Total # of all Control Tests	7661		No 0.02 Agreement	39	1.00 %
Average of all Control Test Results	0.079		Purge Fail	49	1.25 %
# Control Tests within Acceptable Range	7598	99.18 %	Control Outside Tolerance	47	1.20 %
# Control Tests - CII Out Tolerance	47	0.61 %	Temperature Regulation Test	0	0.00 %
# Control Tests - Interferent Detect	13	0.17 %	Analytical Stability Test	3	0.08 %
# Control Tests with RFI Detect	3	0.04 %	EEPROM Checksum Test	0	0.00 %
<b>Air Blanks During Subject Tests</b>			Voltage/Current Test	3	0.08 %
Total # of All Air Blanks	22227		DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	22089	99.38 %	<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with Message Flag	138	0.621 %	Total # of All Diagnostic Checks	7637	
			# of Diagnostic Checks - OK	7631	99.92 %
			# of Diagnostic Checks - Fail	6	0.08 %

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