



Florida Department of  
Law Enforcement

Gerald M. Bailey  
Commissioner

**Alcohol Testing Program**

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Rick Scott, Governor  
Pam Bondi, Attorney General  
Jeff Atwater, Chief Financial Officer  
Adam Putnam, Commissioner of Agriculture

**Memorandum**

To: Department Inspectors  
From: Laura Barfield, Alcohol Testing Program Manager *LAB*  
Date: Tuesday, December 20, 2011  
SUBJECT: UPDATED Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - August 2011

I have completed the Intoxilyzer 8000 Subject Tests Statistical Data Review for August 2011. The following information is based on the review of the August 2011 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 3237			From Breath Samples with No Message Flag		
<b>Type of Test</b>			Average Breath Alcohol Concentration 0.149		
Driving Under the Influence	3155	97.47 %	# of Breath Samples <0.08 g/210L	870	18 %
System Check	10	0.31 %	# of Breath Samples >=0.08 g/210L	3943	82 %
Administrative	23	0.71 %	# of Breath Samples >=0.20 g/210L	1189	25 %
Boating Under the Influence	15	0.46 %	<b>Messages (Total Number of Occurrences)</b>		
Court Ordered	3	0.09 %	Volume Not Met	243	7.51 %
Other	19	0.59 %	Slope Not Met	11	0.34 %
Probation/Parole	5	0.15 %	No Sample Provided	200	6.18 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	75	2.32 %
0.02 Enforcement/Zero Tolerance	7	0.22 %	Subject Test Refused	612	18.91 %
<b>Breath Sample Statistics</b>			Slope Not Level	6	0.19 %
Total Number of Breath Samples 5937			Sequence Aborted	12	0.37 %
Average Breath Volume - All Breath Samples 1.802 Liters			Interferent Detect	21	0.65 %
# of Breath Samples with No Message Flag	4813	81.1 %	Improper Sample	15	0.46 %
# of Breath Samples with Message Flag	1124	18.9 %	Range Exceeded	1	0.03 %
<b>Control Tests During Subject Tests</b>			Ambient Fail	18	0.56 %
Total # of all Control Tests 6321			No 0.02 Agreement	19	0.59 %
Average of all Control Test Results 0.079			Purge Fail	62	1.92 %
# Control Tests within Acceptable Range	6236	98.66 %	Control Outside Tolerance	57	1.76 %
# Control Tests - Ctl Out Tolerance	69	1.09 %	Temperature Regulation Test	10	0.31 %
# Control Tests - Interferent Detect	13	0.21 %	Analytical Stability Test	0	0.00 %
# Control Tests with RFI Detect	3	0.05 %	EEPROM Checksum Test	0	0.00 %
<b>Air Blanks During Subject Tests</b>			Voltage/Current Test	3	0.09 %
Total # of All Air Blanks 18405			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	18256	99.19 %	<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with Message Flag	149	0.81 %	Total # of All Diagnostic Checks 6300		
			# of Diagnostic Checks - OK	6287	99.79 %
			# of Diagnostic Checks - Fail	13	0.21 %

If you have any questions concerning this information, please feel free to contact me at (850) 617-1290