



Florida Department of  
Law Enforcement

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Commissioner

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## Memorandum

To: Department Inspectors  
From: Laura Barfield, Alcohol Testing Program Manager *LB*  
Date: Wednesday, March 17, 2010  
SUBJECT: UPDATE # 2 Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - March 2009

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

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests:			4527		
<b>Type of Test</b>			<b>From Breath Samples with No Message Flag</b>		
Driving Under the Influence	4394	97.06 %	Average Breath Alcohol Concentration 0.148		
System Check	35	0.77 %	# of Breath Samples <0.08 g/210L	1243	18 %
Administrative	17	0.38 %	# of Breath Samples >=0.08 g/210L	5617	82 %
Boating Under the Influence	12	0.27 %	# of Breath Samples >=0.20 g/210L	1646	24 %
Court Ordered	19	0.42 %	<b>Messages (Total Number of Occurrences)</b>		
Other	28	0.62 %	Volume Not Met	298	6.58 %
Probation/Parole	9	0.20 %	Slope Not Met	30	0.66 %
Commercial Motor Vehicle	4	0.09 %	No Sample Provided	189	4.17 %
0.02 Enforcement/Zero Tolerance	9	0.20 %	RFI Detect	96	2.12 %
<b>Breath Sample Statistics</b>			Subject Test Refused	870	19.22 %
Total Number of Breath Samples			Slope Not Level	15	0.33 %
Average Breath Volume - All Breath Samples			Sequence Aborted	27	0.60 %
# of Breath Samples with No Message Flag			Interferent Detect	10	0.22 %
# of Breath Samples with Message Flag			Improper Sample	20	0.44 %
<b>Control Tests During Subject Tests</b>			Range Exceeded	0	0.00 %
Total # of all Control Tests			Ambient Fail	7	0.15 %
Average of all Control Test Results			No 0.02 Agreement	31	0.68 %
# Control Tests within Acceptable Range	8809	99.20 %	Purge Fail	49	1.08 %
# Control Tests - Ctl Out Tolerance	56	0.63 %	Control Outside Tolerance	56	1.24 %
# Control Tests - Interferent Detect	6	0.07 %	Temperature Regulation Test	9	0.20 %
# Control Tests with RFI Detect	9	0.10 %	Analytical Stability Test	1	0.02 %
<b>Air Blanks During Subject Tests</b>			EEPROM Checksum Test	0	0.00 %
Total # of All Air Blanks			Voltage/Current Test	1	0.02 %
# of Air Blanks with No Message Flag	25622	99.46 %	DSP Test	7	0.15 %
# of Air Blanks with Message Flag	138	0.536 %	<b>Diagnostic Checks During Subject Tests</b>		
			Total # of All Diagnostic Checks		
			8853		
			# of Diagnostic Checks - OK	8835	99.80 %
			# of Diagnostic Checks - Fail	18	0.20 %

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