



Florida Department of
Law Enforcement

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Commissioner

Alcohol Testing Program
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MEMORANDUM

TO: Department Inspectors
FROM: Laura D. Barfield, Alcohol Testing Program Manager *LDB*
DATE: February 27, 2008
SUBJECT: **UPDATED Intoxilyzer 8000 Subject Tests Statistical Data Review Summary—November 2007**

I have completed the Intoxilyzer 8000 Subject Tests Statistical Data Review for November 2007. The following information is based on the review of the November 2007 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests:	4,566		(From Breath Samples with No Message Flag)		
Type of Test			Average Breath Alcohol Concentration	0.147	
Driving Under the Influence	4,437	97.17%	# of Breath Samples < 0.08 g/210L	1,145	17%
System Check	30	0.66%	# of Breath Samples >= 0.08 g/210L	5,770	83%
Administrative	33	0.72%	# of Breath Samples >= 0.20 g/210L	1,532	22%
Boating Under the Influence	4	0.09%	Messages (Total Number of Occurrences)		
Court Ordered	11	0.24%	Volume Not Met	347	7.60%
Other	27	0.59%	Slope Not Met	9	0.20%
Probation/Parole	16	0.35%	No Sample Provided	204	4.47%
Commercial Motor Vehicle	0	0%	RFI Detect	132	2.89%
0.02 Enforcement/Zero Tolerance	8	0.18%	Subject Test Refused	819	17.94%
Breath Sample Statistics			Slope Not Level	9	0.20%
Total Number of Breath Samples	8,393		Sequence Aborted	47	1.03%
Average Breath Volume—All Breath Samples	1.825 Liters		Interferent Detect	18	0.39%
# of Breath Samples with No Message Flag	6,915	82.4%	Improper Sample	14	0.31%
# of Breath Samples with Message Flag	1,478	17.6%	Range Exceeded	0	0%
Control Tests During Subject Tests			Ambient Fail	8	0.18%
Total # of All Control Tests	8,872		No .020 Agreement	16	0.35%
Average of All Control Test Results	0.079		Purge Fail	84	1.84%
# Control Tests within Acceptable Range	8,761	98.75%	Control Outside Tolerance	105	2.30%
# of Control Tests - Ctl Out Tolerance	105	1.18%	Temperature Regulation Test	4	0.09%
# Control Tests - Interferent Detect	4	0.05%	Analytical Stability Test	0	0%
# Control Tests with RFI Detect	2	0.02%	EEPROM Checksum Test	0	0%
Air Blanks During Subject Tests			Voltage/Current Test	2	0.04%
Total # of All Air Blanks	25,944		Diagnostic Checks During Subject Tests		
# of Air Blanks with No Message Flag	25,736	99.20%	Total # of All Diagnostic Checks	8,819	
# of Air Blanks with Message Flag	208	0.80%	# of Diagnostic Checks - OK	8,813	99.93%
			# of Diagnostic Checks - Fail	6	0.07%

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