



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: October 24, 2007
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary – July 2007

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

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests:			4,537		
Type of Test			(From Breath Samples with No Message Flag)		
Driving Under the Influence	4,394	96.85%	Average Breath Alcohol Concentration	0.149	
System Check	16	0.35%	# of Breath Samples < 0.08 g/210L	1,138	17%
Administrative	21	0.35%	# of Breath Samples >= 0.08 g/210L	5,671	83%
Boating Under the Influence	40	0.46%	# of Breath Samples >= 0.20 g/210L	1,614	24%
Court Ordered	24	0.88%	Messages (Total Number of Occurrences)		
Other	24	0.53%	Volume Not Met	346	7.63%
Probation/Parole	11	0.24%	Slope Not Met	10	0.22%
Commercial Motor Vehicle	2	0.04%	No Sample Provided	143	3.15%
0.02 Enforcement/Zero Tolerance	5	0.11%	RFI Detect	157	3.46%
Breath Sample Statistics			Subject Test Refused	814	17.94%
Total Number of Breath Samples			Slope Not Level	9	0.20%
Average Breath Volume--All Breath Samples			Sequence Aborted	67	1.48%
# of Breath Samples with No Message Flag	6,809	82.5%	Interferent Detect	39	0.86%
# of Breath Samples with Message Flag	1,443	17.5%	Improper Sample	11	0.24%
Control Tests During Subject Tests			Range Exceeded	1	0.02%
Total # of All Control Tests			Ambient Fail	15	0.33%
Average of All Control Test Results			No .020 Agreement	13	0.29%
# Control Tests within Acceptable Range	8,684	98.9%	Purge Fail	78	1.72%
# of Control Tests - Ctl Out Tolerance	68	0.77%	Control Outside Tolerance	68	1.50%
# Control Tests - Interferent Detect	26	0.30%	Temperature Regulation Test	2	0.04%
# Control Tests with RFI Detect	3	0.03%	Analytical Stability Test	1	0.02%
			EEPROM Checksum Test	0	0%
			Voltage/Current Test	5	0.11%
Air Blanks During Subject Tests			Diagnostic Checks During Subject Tests		
Total # of All Air Blanks			Total # of All Diagnostic Checks		
25,592			8,749		
# of Air Blanks with No Message Flag	25,376	99.16%	# of Diagnostic Checks – OK	8,741	99.91%
# of Air Blanks with Message Flag	216	0.84%	# of Diagnostic Checks – Fail	8	0.09%

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