



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 *LD*
DATE: September 5, 2007
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary – June 2007

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

Breath Test Statistics			Alcohol Concentration Statistics (From Breath Samples with No Message Flag)		
Total Number of Breath Tests:	4,394		Average Breath Alcohol Concentration	0.149	
Type of Test			# of Breath Samples < 0.08 g/210L	1,132	17%
Driving Under the Influence	4,175	95.02%	# of Breath Samples >= 0.08 g/210L	5,498	83%
System Check	5	0.11%	# of Breath Samples >= 0.20 g/210L	1,621	24%
Administrative	40	0.91%	Messages (Total Number of Occurrences)		
Boating Under the Influence	49	1.12%	Volume Not Met	304	6.92%
Court Ordered	31	0.71%	Slope Not Met	4	0.09%
Other	65	1.48%	No Sample Provided	156	3.55%
Probation/Parole	13	0.30%	RFI Detect	131	2.98%
Commercial Motor Vehicle	3	0.07%	Subject Test Refused	825	18.78%
0.02 Enforcement/Zero Tolerance	13	0.30%	Slope Not Level	4	0.09%
Breath Sample Statistics			Sequence Aborted	58	1.32%
Total Number of Breath Samples	8,030		Interferent Detect	30	0.68%
Average Breath Volume—All Breath Samples	1.818 Liters		Improper Sample	9	0.20%
# of Breath Samples with No Message Flag	6,630	82.6%	Range Exceeded	0	0%
# of Breath Samples with Message Flag	1,400	17.4%	Ambient Fail	6	0.14%
Control Tests During Subject Tests			No .020 Agreement	12	0.27%
Total # of All Control Tests	8,532		Purge Fail	76	1.73%
Average of All Control Test Results	0.079		Control Outside Tolerance	73	1.66%
# Control Tests within Acceptable Range	8,435	98.86%	Temperature Regulation Test	4	0.09%
# of Control Tests - Ctl Out Tolerance	73	0.86%	Analytical Stability Test	2	0.05%
# Control Tests - Interferent Detect	17	0.20%	EEPROM Checksum Test	0	0%
# Control Tests with RFI Detect	7	0.08%	Voltage/Current Test	1	0.02%
Air Blanks During Subject Tests			Diagnostic Checks During Subject Tests		
Total # of All Air Blanks	24,861		Total # of All Diagnostic Checks	8,492	
# of Air Blanks with No Message Flag	24,683	99.28%	# of Diagnostic Checks – OK	8,485	99.92%
# of Air Blanks with Message Flag	178	0.72%	# of Diagnostic Checks – Fail	7	0.08%

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