



Florida Department of
Law Enforcement

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Commissioner

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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 *LPB*
Date: Tuesday, June 28, 2011
SUBJECT: UPDATE # 5 Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - Yearly 2009

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

Breath Test Statistics			Alcohol Concentration Statistics From Breath Samples with No Message Flag		
Total Number of Breath Tests:			49836		
Type of Test			Average Breath Alcohol Concentration		
Driving Under the Influence	48516	97.35 %		0.147	
System Check	206	0.41 %	# of Breath Samples <0.08 g/210L	13386	18 %
Administrative	285	0.57 %	# of Breath Samples >=0.08 g/210L	61130	82 %
Boating Under the Influence	274	0.55 %	# of Breath Samples >=0.20 g/210L	17398	23 %
Court Ordered	157	0.32 %	Messages (Total Number of Occurrences)		
Other	240	0.48 %	Volume Not Met	3597	7.22 %
Probation/Parole	70	0.14 %	Slope Not Met	434	0.87 %
Commercial Motor Vehicle	5	0.01 %	No Sample Provided	1929	3.87 %
0.02 Enforcement/Zero Tolerance	83	0.17 %	RFI Detect	1211	2.43 %
Breath Sample Statistics			Subject Test Refused	9785	19.63 %
Total Number of Breath Samples			Slope Not Level	110	0.22 %
Average Breath Volume - All Breath Samples			Sequence Aborted	316	0.63 %
# of Breath Samples with No Message Flag	74516	81.7 %	Interferent Detect	195	0.39 %
# of Breath Samples with Message Flag	16706	18.3 %	Improper Sample	195	0.39 %
Control Tests During Subject Tests			Range Exceeded	0	0.00 %
Total # of all Control Tests			Ambient Fail	83	0.17 %
Average of all Control Test Results			No 0.02 Agreement	283	0.57 %
# Control Tests within Acceptable Range	96581	99.08 %	Purge Fail	567	1.14 %
# Control Tests - Ctl Out Tolerance	744	0.76 %	Control Outside Tolerance	744	1.49 %
# Control Tests - Interferent Detect	92	0.09 %	Temperature Regulation Test	36	0.07 %
# Control Tests with RFI Detect	60	0.06 %	Analytical Stability Test	7	0.01 %
Air Blanks During Subject Tests			EEPROM Checksum Test	0	0.00 %
Total # of All Air Blanks			Voltage/Current Test	36	0.07 %
# of Air Blanks with No Message Flag	280772	99.40 %	DSP Test	8	0.02 %
# of Air Blanks with Message Flag	1708	0.60 %	Diagnostic Checks During Subject Tests		
			Total # of All Diagnostic Checks		
			97203		
			# of Diagnostic Checks - OK	97116	99.91 %
			# of Diagnostic Checks - Fail	87	0.09 %

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