




Florida Department of  
Law Enforcement

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Commissioner

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Jeff Atwater, Chief Financial Officer  
Adam Putnam, Commissioner of Agriculture

## Memorandum

To: Department Inspectors  
From: Patrick Murphy, Program Manager   
Date: Thursday, November 19, 2015  
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - September 2015

The following information is based on the review of the September 2015 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics From Breath Samples with No Message Flag		
Total Number of Breath Tests: 2680			Average Breath Alcohol Concentration 0.144		
<b>Type of Test</b>			# of Breath Samples <0.08 g/210L 809 21 %		
Driving Under the Influence	2602	97.09 %	# of Breath Samples >=0.08 g/210L 3088 79 %		
System Check	0	0.00 %	# of Breath Samples >=0.15 g/210L 2038 52 %		
Administrative	31	1.16 %	<b>Messages (Total Number of Occurrences)</b>		
Boating Under the Influence	16	0.60 %	Volume Not Met	258	9.63 %
Court Ordered	11	0.41 %	Slope Not Met	3	0.11 %
Other	5	0.19 %	No Sample Provided	146	5.45 %
Probation/Parole	10	0.37 %	RFI Detect	110	4.10 %
Commercial Motor Vehicle	0	0.00 %	Subject Test Refused	506	18.88 %
0.02 Enforcement/Zero Tolerance	5	0.19 %	Slope Not Level	9	0.34 %
<b>Breath Sample Statistics</b>			Sequence Aborted	11	0.41 %
Total Number of Breath Samples 4882			Interferent Detect	13	0.49 %
Average Breath Volume - All Breath Samples 1.741 Liters			Improper Sample	14	0.52 %
# of Breath Samples with No Message Flag	3897	79.8 %	Range Exceeded	0	0.00 %
# of Breath Samples with Message Flag	985	20.2 %	Ambient Fail	7	0.26 %
<b>Control Tests During Subject Tests</b>			No 0.02 Agreement	25	0.93 %
Total # of all Control Tests 5211			Purge Fail	27	1.01 %
Average of all Control Test Results 0.079			Control Outside Tolerance	52	1.94 %
# Control Tests within Acceptable Range	5146	98.75 %	Temperature Regulation Test	0	0.00 %
# Control Tests - Ctl Out Tolerance	52	1.00 %	Analytical Stability Test	1	0.04 %
# Control Tests - Interferent Detect	10	0.19 %	EEPROM Checksum Test	0	0.00 %
# Control Tests with RFI Detect	3	0.06 %	Voltage/Current Test	1	0.04 %
<b>Air Blanks During Subject Tests</b>			DSP Test	1	0.04 %
Total # of All Air Blanks 15158			<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with No Message Flag	15030	99.16 %	Total # of All Diagnostic Checks 5205		
# of Air Blanks with Message Flag	128	0.84 %	# of Diagnostic Checks - OK	5202	99.94 %
			# of Diagnostic Checks - Fail	3	0.06 %

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