



Florida Department of  
Law Enforcement

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Commissioner

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Jeff Atwater, Chief Financial Officer  
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## Memorandum

To: Department Inspectors  
From: Brett Kirkland, Program Manager *BK*  
Date: Thursday, July 21, 2016  
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - April 2016

The following information is based on the review of the April 2016 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics From Breath Samples with No Message Flag		
Total Number of Breath Tests:			2715		
<b>Type of Test</b>			Average Breath Alcohol Concentration		
Driving Under the Influence	2651	97.64 %	# of Breath Samples <0.08 g/210L	785	19 %
System Check	3	0.11 %	# of Breath Samples >/=0.08 g/210L	3266	81 %
Administrative	21	0.77 %	# of Breath Samples >/=0.15 g/210L	2112	52 %
Boating Under the Influence	22	0.81 %	<b>Messages (Total Number of Occurrences)</b>		
Court Ordered	5	0.18 %	Volume Not Met	194	7.15 %
Other	3	0.11 %	Slope Not Met	4	0.15 %
Probation/Parole	4	0.15 %	No Sample Provided	148	5.45 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	126	4.64 %
0.02 Enforcement/Zero Tolerance	6	0.22 %	Subject Test Refused	507	18.67 %
<b>Breath Sample Statistics</b>			Slope Not Level	6	0.22 %
Total Number of Breath Samples			Sequence Aborted	13	0.48 %
Average Breath Volume - All Breath Samples			Interferent Detect	10	0.37 %
# of Breath Samples with No Message Flag	4051	81.7 %	Improper Sample	7	0.26 %
# of Breath Samples with Message Flag	906	18.3 %	Range Exceeded	0	0.00 %
<b>Control Tests During Subject Tests</b>			Ambient Fail	3	0.11 %
Total # of all Control Tests			No 0.02 Agreement	8	0.29 %
Average of all Control Test Results			Purge Fail	16	0.59 %
# Control Tests within Acceptable Range	5247	99.02 %	Control Outside Tolerance	44	1.62 %
# Control Tests - Ctl Out Tolerance	44	0.83 %	Temperature Regulation Test	0	0.00 %
# Control Tests - Interferent Detect	4	0.08 %	Analytical Stability Test	0	0.00 %
# Control Tests with RFI Detect	4	0.08 %	EEPROM Checksum Test	0	0.00 %
<b>Air Blanks During Subject Tests</b>			Voltage/Current Test	1	0.04 %
Total # of All Air Blanks			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	15262	99.19 %	<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with Message Flag	125	0.81 %	Total # of All Diagnostic Checks		
			5286		
			# of Diagnostic Checks - OK	5285	99.98 %
			# of Diagnostic Checks - Fail	1	0.02 %

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