



Florida Department of  
Law Enforcement

Richard L. Swearingen  
Commissioner

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## Memorandum

To: Department Inspectors  
From: Brett Kirkland, Program Manager *BK*  
Date: Wednesday, July 11, 2018  
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - March 2018

The following information is based on the review of the March 2018 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 2792			From Breath Samples with No Message Flag		
<b>Type of Test</b>			Average Breath Alcohol Concentration 0.150		
Driving Under the Influence	2725	97.60 %	# of Breath Samples <0.08 g/210L	696	17 %
System Check	3	0.11 %	# of Breath Samples >=0.08 g/210L	3420	83 %
Administrative	26	0.93 %	# of Breath Samples >=0.15 g/210L	2251	55 %
Boating Under the Influence	23	0.82 %	<b>Messages (Total Number of Occurrences)</b>		
Court Ordered	11	0.39 %	Volume Not Met	219	7.84 %
Other	0	0.00 %	Slope Not Met	7	0.25 %
Probation/Parole	2	0.07 %	No Sample Provided	175	6.27 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	72	2.58 %
0.02 Enforcement/Zero Tolerance	2	0.07 %	Subject Test Refused	515	18.45 %
<b>Breath Sample Statistics</b>			Slope Not Level	5	0.18 %
Total Number of Breath Samples 5096			Sequence Aborted	18	0.64 %
Average Breath Volume - All Breath Samples 1.815 Liters			Interferent Detect	14	0.50 %
# of Breath Samples with No Message Flag	4116	80.8 %	Improper Sample	14	0.50 %
# of Breath Samples with Message Flag	980	19.2 %	Range Exceeded	0	0.00 %
<b>Control Tests During Subject Tests</b>			Ambient Fail	21	0.75 %
Total # of all Control Tests 5421			No 0.02 Agreement	19	0.68 %
Average of all Control Test Results 0.080			Purge Fail	47	1.68 %
# Control Tests within Acceptable Range	5388	99.39 %	Control Outside Tolerance	28	1.00 %
# Control Tests - Ctl Out Tolerance	28	0.52 %	Temperature Regulation Test	2	0.07 %
# Control Tests - Interferent Detect	4	0.07 %	Analytical Stability Test	0	0.00 %
# Control Tests with RFI Detect	1	0.02 %	EEPROM Checksum Test	0	0.00 %
<b>Air Blanks During Subject Tests</b>			Voltage/Current Test	0	0.00 %
Total # of All Air Blanks 15798			DSP Test	1	0.04 %
# of Air Blanks with No Message Flag	15665	99.16 %	<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with Message Flag	133	0.84 %	Total # of All Diagnostic Checks 5433		
			# of Diagnostic Checks - OK	5429	99.93 %
			# of Diagnostic Checks - Fail	4	0.07 %

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