



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, May 16, 2018  
**SUBJECT:** Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - January 2018

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

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 2398			From Breath Samples with No Message Flag		
<b>Type of Test</b>			Average Breath Alcohol Concentration 0.148		
Driving Under the Influence	2315	96.54 %	# of Breath Samples <0.08 g/210L	625	18 %
System Check	8	0.33 %	# of Breath Samples >=0.08 g/210L	2822	82 %
Administrative	24	1.00 %	# of Breath Samples >=0.15 g/210L	1892	55 %
Boating Under the Influence	21	0.88 %	<b>Messages (Total Number of Occurrences)</b>		
Court Ordered	13	0.54 %	Volume Not Met	184	7.67 %
Other	6	0.25 %	Slope Not Met	4	0.17 %
Probation/Parole	3	0.13 %	No Sample Provided	138	5.75 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	102	4.25 %
0.02 Enforcement/Zero Tolerance	8	0.33 %	Subject Test Refused	498	20.77 %
<b>Breath Sample Statistics</b>			Slope Not Level	5	0.21 %
Total Number of Breath Samples 4316			Sequence Aborted	14	0.58 %
Average Breath Volume - All Breath Samples 1.796 Liters			Interferent Detect	14	0.58 %
# of Breath Samples with No Message Flag	3447	79.9 %	Improper Sample	4	0.17 %
# of Breath Samples with Message Flag	869	20.1 %	Range Exceeded	0	0.00 %
<b>Control Tests During Subject Tests</b>			Ambient Fail	11	0.46 %
Total # of all Control Tests 4654			No 0.02 Agreement	4	0.17 %
Average of all Control Test Results 0.080			Purge Fail	18	0.75 %
# Control Tests within Acceptable Range	4604	98.93 %	Control Outside Tolerance	40	1.67 %
# Control Tests - Ctl Out Tolerance	40	0.86 %	Temperature Regulation Test	2	0.08 %
# Control Tests - Interferent Detect	6	0.13 %	Analytical Stability Test	0	0.00 %
# Control Tests with RFI Detect	4	0.09 %	EEPROM Checksum Test	0	0.00 %
<b>Air Blanks During Subject Tests</b>			Voltage/Current Test	0	0.00 %
Total # of All Air Blanks 13455			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	13341	99.15 %	<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with Message Flag	114	0.85 %	Total # of All Diagnostic Checks 4647		
			# of Diagnostic Checks - OK	4645	99.96 %
			# of Diagnostic Checks - Fail	2	0.04 %

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