



Florida Department of  
Law Enforcement

Richard L. Swearingen  
Commissioner

**Criminal Justice Professionalism**  
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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 - April 2018

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

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 2525			From Breath Samples with No Message Flag		
<b>Type of Test</b>			Average Breath Alcohol Concentration 0.147		
Driving Under the Influence	2476	98.06 %	# of Breath Samples <0.08 g/210L	673	18 %
System Check	0	0.00 %	# of Breath Samples >=0.08 g/210L	3016	82 %
Administrative	12	0.48 %	# of Breath Samples >=0.15 g/210L	1992	54 %
Boating Under the Influence	22	0.87 %	<b>Messages (Total Number of Occurrences)</b>		
Court Ordered	8	0.32 %	Volume Not Met	189	7.49 %
Other	1	0.04 %	Slope Not Met	5	0.20 %
Probation/Parole	2	0.08 %	No Sample Provided	139	5.50 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	89	3.52 %
0.02 Enforcement/Zero Tolerance	4	0.16 %	Subject Test Refused	503	19.92 %
<b>Breath Sample Statistics</b>			Slope Not Level	4	0.16 %
Total Number of Breath Samples 4577			Sequence Aborted	10	0.40 %
Average Breath Volume - All Breath Samples 1.780 Liters			Interferent Detect	14	0.55 %
# of Breath Samples with No Message Flag	3689	80.6 %	Improper Sample	9	0.36 %
# of Breath Samples with Message Flag	888	19.4 %	Range Exceeded	0	0.00 %
<b>Control Tests During Subject Tests</b>			Ambient Fail	14	0.55 %
Total # of all Control Tests 4910			No 0.02 Agreement	12	0.48 %
Average of all Control Test Results 0.080			Purge Fail	21	0.83 %
# Control Tests within Acceptable Range	4890	99.59 %	Control Outside Tolerance	16	0.63 %
# Control Tests - Ctl Out Tolerance	16	0.33 %	Temperature Regulation Test	0	0.00 %
# Control Tests - Interferent Detect	1	0.02 %	Analytical Stability Test	2	0.08 %
# Control Tests with RFI Detect	3	0.06 %	EEPROM Checksum Test	0	0.00 %
<b>Air Blanks During Subject Tests</b>			Voltage/Current Test	5	0.20 %
Total # of All Air Blanks 14235			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	14125	99.23 %	<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with Message Flag	110	0.77 %	Total # of All Diagnostic Checks 4933		
			# of Diagnostic Checks - OK	4926	99.86 %
			# of Diagnostic Checks - Fail	7	0.14 %

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