



Florida Department of  
Law Enforcement

Richard L. Swearingen  
Commissioner

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## Memorandum

**To:** Department Inspectors  
**From:** Brett Kirkland, Program Manager *BK*  
**Date:** Tuesday, July 16, 2019  
**SUBJECT:** Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - April 2019

The following information is based on the review of the April 2019 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 2485			From Breath Samples with No Message Flag		
<b>Type of Test</b>			Average Breath Alcohol Concentration 0.146		
Driving Under the Influence	2406	96.82 %	# of Breath Samples <0.08 g/210L	740	20 %
System Check	3	0.12 %	# of Breath Samples >=0.08 g/210L	2966	80 %
Administrative	17	0.68 %	# of Breath Samples >=0.15 g/210L	1995	54 %
Boating Under the Influence	45	1.81 %	<b>Messages (Total Number of Occurrences)</b>		
Court Ordered	8	0.32 %	Volume Not Met	187	7.53 %
Other	2	0.08 %	Slope Not Met	7	0.28 %
Probation/Parole	3	0.12 %	No Sample Provided	186	7.48 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	91	3.66 %
0.02 Enforcement/Zero Tolerance	1	0.04 %	Subject Test Refused	461	18.55 %
<b>Breath Sample Statistics</b>			Slope Not Level	3	0.12 %
Total Number of Breath Samples 4604			Sequence Aborted	14	0.56 %
Average Breath Volume - All Breath Samples 1.781 Liters			Interferent Detect	21	0.85 %
# of Breath Samples with No Message Flag	3706	80.5 %	Improper Sample	3	0.12 %
# of Breath Samples with Message Flag	898	19.5 %	Range Exceeded	0	0.00 %
<b>Control Tests During Subject Tests</b>			Ambient Fail	10	0.40 %
Total # of all Control Tests 4916			No 0.02 Agreement	15	0.60 %
Average of all Control Test Results 0.080			Purge Fail	16	0.64 %
# Control Tests within Acceptable Range	4878	99.23 %	Control Outside Tolerance	23	0.93 %
# Control Tests - Ctl Out Tolerance	23	0.47 %	Temperature Regulation Test	0	0.00 %
# Control Tests - Interferent Detect	10	0.20 %	Analytical Stability Test	0	0.00 %
# Control Tests with RFI Detect	5	0.10 %	EEPROM Checksum Test	0	0.00 %
<b>Air Blanks During Subject Tests</b>			Voltage/Current Test	2	0.08 %
Total # of All Air Blanks 14270			DSP Test	2	0.08 %
# of Air Blanks with No Message Flag	14176	99.34 %	<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with Message Flag	94	0.66 %	Total # of All Diagnostic Checks 4913		
			# of Diagnostic Checks - OK	4909	99.92 %
			# of Diagnostic Checks - Fail	4	0.08 %

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