



Florida Department of  
Law Enforcement

Richard L. Swearingen  
Commissioner

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## Memorandum

**To:** Department Inspectors  
**From:** Brett Kirkland, Program Manager *BK*  
**Date:** Monday, May 11, 2020  
**SUBJECT:** Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - February 2020

The following information is based on the review of the February 2020 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 2541			From Breath Samples with No Message Flag		
<b>Type of Test</b>			Average Breath Alcohol Concentration 0.144		
Driving Under the Influence	2501	98.43 %	# of Breath Samples <0.08 g/210L	730	19 %
System Check	0	0.00 %	# of Breath Samples >=0.08 g/210L	3026	81 %
Administrative	12	0.47 %	# of Breath Samples >=0.15 g/210L	2022	54 %
Boating Under the Influence	9	0.35 %	<b>Messages (Total Number of Occurrences)</b>		
Court Ordered	10	0.39 %	Volume Not Met	180	7.08 %
Other	2	0.08 %	Slope Not Met	5	0.20 %
Probation/Parole	5	0.20 %	No Sample Provided	192	7.56 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	90	3.54 %
0.02 Enforcement/Zero Tolerance	2	0.08 %	Subject Test Refused	450	17.71 %
<b>Breath Sample Statistics</b>			Slope Not Level	5	0.20 %
Total Number of Breath Samples 4630			Sequence Aborted	12	0.47 %
Average Breath Volume - All Breath Samples 1.801 Liters			Interferent Detect	23	0.91 %
# of Breath Samples with No Message Flag	3756	81.1 %	Improper Sample	7	0.28 %
# of Breath Samples with Message Flag	874	18.9 %	Range Exceeded	0	0.00 %
<b>Control Tests During Subject Tests</b>			Ambient Fail	12	0.47 %
Total # of all Control Tests 4920			No 0.02 Agreement	8	0.31 %
Average of all Control Test Results 0.080			Purge Fail	39	1.53 %
# Control Tests within Acceptable Range	4865	98.88 %	Control Outside Tolerance	44	1.73 %
# Control Tests - Ctl Out Tolerance	44	0.89 %	Temperature Regulation Test	0	0.00 %
# Control Tests - Interferent Detect	10	0.20 %	Analytical Stability Test	1	0.04 %
# 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 14377			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	14244	99.07 %	<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with Message Flag	133	0.93 %	Total # of All Diagnostic Checks 4923		
			# of Diagnostic Checks - OK	4920	99.94 %
			# of Diagnostic Checks - Fail	3	0.06 %

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