



Florida Department of  
Law Enforcement

Richard L. Swearingen  
Commissioner

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## Memorandum

**To:** Department Inspectors  
**From:** Brett Kirkland, Program Manager  
**Date:** Tuesday, January 22, 2019 *BSK*  
**SUBJECT:** Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - September 2018

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

Breath Test Statistics		Alcohol Concentration Statistics	
Total Number of Breath Tests: 2586		From Breath Samples with No Message Flag	
<b>Type of Test</b>		Average Breath Alcohol Concentration 0.141	
Driving Under the Influence	2522 97.53 %	# of Breath Samples <0.08 g/210L	882 23 %
System Check	0 0.00 %	# of Breath Samples >=0.08 g/210L	2910 77 %
Administrative	14 0.54 %	# of Breath Samples >=0.15 g/210L	2008 53 %
Boating Under the Influence	35 1.35 %	<b>Messages (Total Number of Occurrences)</b>	
Court Ordered	8 0.31 %	Volume Not Met	198 7.66 %
Other	2 0.08 %	Slope Not Met	0 0.00 %
Probation/Parole	3 0.12 %	No Sample Provided	150 5.80 %
Commercial Motor Vehicle	0 0.00 %	RFI Detect	118 4.56 %
0.02 Enforcement/Zero Tolerance	2 0.08 %	Subject Test Refused	523 20.22 %
<b>Breath Sample Statistics</b>		Slope Not Level	10 0.39 %
Total Number of Breath Samples	4725	Sequence Aborted	6 0.23 %
Average Breath Volume - All Breath Samples	1.777 Liters	Interferent Detect	20 0.77 %
# of Breath Samples with No Message Flag	3792 80.3 %	Improper Sample	8 0.31 %
# of Breath Samples with Message Flag	933 19.7 %	Range Exceeded	0 0.00 %
<b>Control Tests During Subject Tests</b>		Ambient Fail	12 0.46 %
Total # of all Control Tests	5096	No 0.02 Agreement	15 0.58 %
Average of all Control Test Results	0.079	Purge Fail	12 0.46 %
# Control Tests within Acceptable Range	5046 99.02 %	Control Outside Tolerance	31 1.20 %
# Control Tests - Ctl Out Tolerance	31 0.61 %	Temperature Regulation Test	0 0.00 %
# Control Tests - Interferent Detect	11 0.22 %	Analytical Stability Test	0 0.00 %
# Control Tests with RFI Detect	8 0.16 %	EEPROM Checksum Test	0 0.00 %
<b>Air Blanks During Subject Tests</b>		Voltage/Current Test	1 0.04 %
Total # of All Air Blanks	14739	DSP Test	3 0.12 %
# of Air Blanks with No Message Flag	14621 99.20 %	<b>Diagnostic Checks During Subject Tests</b>	
# of Air Blanks with Message Flag	118 0.80 %	Total # of All Diagnostic Checks	5104
		# of Diagnostic Checks - OK	5100 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