



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: Thursday, January 11, 2018  
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - October 2017

The following information is based on the review of the October 2017 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 2317			From Breath Samples with No Message Flag		
<b>Type of Test</b>			Average Breath Alcohol Concentration 0.146		
Driving Under the Influence	2288	98.75 %	# of Breath Samples <0.08 g/210L	662	20 %
System Check	1	0.04 %	# of Breath Samples >=0.08 g/210L	2663	80 %
Administrative	13	0.56 %	# of Breath Samples >=0.15 g/210L	1846	56 %
Boating Under the Influence	7	0.30 %	<b>Messages (Total Number of Occurrences)</b>		
Court Ordered	3	0.13 %	Volume Not Met	196	8.46 %
Other	0	0.00 %	Slope Not Met	11	0.47 %
Probation/Parole	3	0.13 %	No Sample Provided	168	7.25 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	74	3.19 %
0.02 Enforcement/Zero Tolerance	2	0.09 %	Subject Test Refused	461	19.90 %
<b>Breath Sample Statistics</b>			Slope Not Level	4	0.17 %
Total Number of Breath Samples 4212			Sequence Aborted	13	0.56 %
Average Breath Volume - All Breath Samples 1.759 Liters			Interferent Detect	7	0.30 %
# of Breath Samples with No Message Flag	3325	78.9 %	Improper Sample	11	0.47 %
# of Breath Samples with Message Flag	887	21.1 %	Range Exceeded	0	0.00 %
<b>Control Tests During Subject Tests</b>			Ambient Fail	3	0.13 %
Total # of all Control Tests 4523			No 0.02 Agreement	14	0.60 %
Average of all Control Test Results 0.079			Purge Fail	21	0.91 %
# Control Tests within Acceptable Range	4487	99.20 %	Control Outside Tolerance	28	1.21 %
# Control Tests - Ctl Out Tolerance	28	0.62 %	Temperature Regulation Test	0	0.00 %
# Control Tests - Interferent Detect	2	0.04 %	Analytical Stability Test	2	0.09 %
# Control Tests with RFI Detect	6	0.13 %	EEPROM Checksum Test	0	0.00 %
<b>Air Blanks During Subject Tests</b>			Voltage/Current Test	0	0.00 %
Total # of All Air Blanks 13079			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	12996	99.37 %	<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with Message Flag	83	0.63 %	Total # of All Diagnostic Checks 4523		
			# of Diagnostic Checks - OK	4521	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