



Florida Department of  
Law Enforcement

Richard L. Swearingen  
Commissioner

**Criminal Justice Professionalism**  
Post Office Box 1489  
Tallahassee, Florida 32302-1489  
(850) 410-8600  
www.fdle.state.fl.us

Rick Scott, Governor  
Pam Bondi, Attorney General  
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## Memorandum

**To:** Department Inspectors  
**From:** Brett Kirkland, Program Manager *BK*  
**Date:** Monday, July 10, 2017  
**SUBJECT:** Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - April 2017

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

Breath Test Statistics			Alcohol Concentration Statistics From Breath Samples with No Message Flag		
Total Number of Breath Tests: 2708			Average Breath Alcohol Concentration 0.145		
<b>Type of Test</b>			# of Breath Samples <0.08 g/210L 734 19 %		
Driving Under the Influence	2644	97.64 %	# of Breath Samples >=0.08 g/210L 3163 81 %		
System Check	0	0.00 %	# of Breath Samples >=0.15 g/210L 2044 52 %		
Administrative	25	0.92 %	<b>Messages (Total Number of Occurrences)</b>		
Boating Under the Influence	7	0.26 %	Volume Not Met	238	8.79 %
Court Ordered	15	0.55 %	Slope Not Met	4	0.15 %
Other	4	0.15 %	No Sample Provided	155	5.72 %
Probation/Parole	6	0.22 %	RFI Detect	88	3.25 %
Commercial Motor Vehicle	1	0.04 %	Subject Test Refused	566	20.90 %
0.02 Enforcement/Zero Tolerance	6	0.22 %	Slope Not Level	11	0.41 %
<b>Breath Sample Statistics</b>			Sequence Aborted	13	0.48 %
Total Number of Breath Samples 4918			Interferent Detect	9	0.33 %
Average Breath Volume - All Breath Samples 1.744 Liters			Improper Sample	22	0.81 %
# of Breath Samples with No Message Flag	3897	79.2 %	Range Exceeded	0	0.00 %
# of Breath Samples with Message Flag	1021	20.8 %	Ambient Fail	6	0.22 %
<b>Control Tests During Subject Tests</b>			No 0.02 Agreement	20	0.74 %
Total # of all Control Tests 5273			Purge Fail	22	0.81 %
Average of all Control Test Results 0.079			Control Outside Tolerance	30	1.11 %
# Control Tests within Acceptable Range	5231	99.20 %	Temperature Regulation Test	0	0.00 %
# Control Tests - Ctl Out Tolerance	30	0.57 %	Analytical Stability Test	1	0.04 %
# Control Tests - Interferent Detect	4	0.08 %	EEPROM Checksum Test	0	0.00 %
# Control Tests with RFI Detect	8	0.15 %	Voltage/Current Test	2	0.07 %
<b>Air Blanks During Subject Tests</b>			DSP Test	0	0.00 %
Total # of All Air Blanks 15282			<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with No Message Flag	15168	99.25 %	Total # of All Diagnostic Checks 5277		
# of Air Blanks with Message Flag	114	0.75 %	# of Diagnostic Checks - OK	5274	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