



Florida Department of  
Law Enforcement

Richard L. Swearingen  
Commissioner

**Alcohol Testing Program**

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Rick Scott, *Governor*  
Pam Bondi, *Attorney General*  
Jeff Atwater, *Chief Financial Officer*  
Adam Putnam, *Commissioner of Agriculture*

**Memorandum**

**To:** Department Inspectors  
**From:** Brett Kirkland, Program Manager *BK*  
**Date:** Tuesday, October 18, 2016  
**SUBJECT:** Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - August 2016

The following information is based on the review of the August 2016 subject tests electronic data:

<b>Breath Test Statistics</b>		<b>Alcohol Concentration Statistics</b>	
Total Number of Breath Tests: 2284		<b>From Breath Samples with No Message Flag</b>	
<b>Type of Test</b>		Average Breath Alcohol Concentration 0.142	
Driving Under the Influence	2243 98.20 %	# of Breath Samples <0.08 g/210L	739 22 %
System Check	2 0.09 %	# of Breath Samples >=0.08 g/210L	2692 78 %
Administrative	12 0.53 %	# of Breath Samples >=0.15 g/210L	1778 52 %
Boating Under the Influence	11 0.48 %	<b>Messages (Total Number of Occurrences)</b>	
Court Ordered	5 0.22 %	Volume Not Met	189 8.27 %
Other	6 0.26 %	Slope Not Met	1 0.04 %
Probation/Parole	2 0.09 %	No Sample Provided	139 6.09 %
Commercial Motor Vehicle	0 0.00 %	RFI Detect	70 3.06 %
0.02 Enforcement/Zero Tolerance	3 0.13 %	Subject Test Refused	425 18.61 %
<b>Breath Sample Statistics</b>		Slope Not Level	3 0.13 %
Total Number of Breath Samples 4235		Sequence Aborted	13 0.57 %
Average Breath Volume - All Breath Samples 1.789 Liters		Interferent Detect	3 0.13 %
# of Breath Samples with No Message Flag	3431 81.0 %	Improper Sample	2 0.09 %
# of Breath Samples with Message Flag	804 19 %	Range Exceeded	0 0.00 %
<b>Control Tests During Subject Tests</b>		Ambient Fail	3 0.13 %
Total # of all Control Tests 4470		No 0.02 Agreement	19 0.83 %
Average of all Control Test Results 0.079		Purge Fail	19 0.83 %
# Control Tests within Acceptable Range	4429 99.08 %	Control Outside Tolerance	40 1.75 %
# Control Tests - Ctl Out Tolerance	40 0.89 %	Temperature Regulation Test	1 0.04 %
# Control Tests - Interferent Detect	0 0.00 %	Analytical Stability Test	0 0.00 %
# Control Tests with RFI Detect	1 0.02 %	EEPROM Checksum Test	0 0.00 %
<b>Air Blanks During Subject Tests</b>		Voltage/Current Test	2 0.09 %
Total # of All Air Blanks 13054		DSP Test	0 0.00 %
# of Air Blanks with No Message Flag	12974 99.39 %	<b>Diagnostic Checks During Subject Tests</b>	
# of Air Blanks with Message Flag	80 0.61 %	Total # of All Diagnostic Checks 4455	
		# of Diagnostic Checks - OK 4452 99.93 %	
		# of Diagnostic Checks - Fail 3 0.07 %	

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