



Florida Department of  
Law Enforcement

Richard L. Swearingen  
Commissioner

**Alcohol Testing Program**  
P.O. Box 1489  
Tallahassee Florida 32302  
(850) 617-1290  
(850) 921-3787 Fax  
www.fdle.state.fl.us/atp

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: Thursday, July 21, 2016  
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - March 2016

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

Breath Test Statistics			Alcohol Concentration Statistics From Breath Samples with No Message Flag		
Total Number of Breath Tests: 2731			Average Breath Alcohol Concentration 0.147		
<b>Type of Test</b>			# of Breath Samples <0.08 g/210L 755 19 %		
Driving Under the Influence	2678	98.06 %	# of Breath Samples >=0.08 g/210L 3310 81 %		
System Check	2	0.07 %	# of Breath Samples >=0.15 g/210L 2169 53 %		
Administrative	9	0.33 %	<b>Messages (Total Number of Occurrences)</b>		
Boating Under the Influence	17	0.62 %	Volume Not Met	278	10.18 %
Court Ordered	9	0.33 %	Slope Not Met	3	0.11 %
Other	2	0.07 %	No Sample Provided	175	6.41 %
Probation/Parole	8	0.29 %	RFI Detect	70	2.56 %
Commercial Motor Vehicle	0	0.00 %	Subject Test Refused	496	18.16 %
0.02 Enforcement/Zero Tolerance	6	0.22 %	Slope Not Level	5	0.18 %
<b>Breath Sample Statistics</b>			Sequence Aborted	12	0.44 %
Total Number of Breath Samples 5075			Interferent Detect	16	0.59 %
Average Breath Volume - All Breath Samples 1.809 Liters			Improper Sample	5	0.18 %
# of Breath Samples with No Message Flag	4065	80.1 %	Range Exceeded	0	0.00 %
# of Breath Samples with Message Flag	1010	19.9 %	Ambient Fail	5	0.18 %
<b>Control Tests During Subject Tests</b>			No 0.02 Agreement	14	0.51 %
Total # of all Control Tests 5365			Purge Fail	18	0.66 %
Average of all Control Test Results 0.079			Control Outside Tolerance	37	1.35 %
# Control Tests within Acceptable Range	5322	99.20 %	Temperature Regulation Test	0	0.00 %
# Control Tests - Ctl Out Tolerance	37	0.69 %	Analytical Stability Test	1	0.04 %
# Control Tests - Interferent Detect	1	0.02 %	EEPROM Checksum Test	0	0.00 %
# Control Tests with RFI Detect	5	0.09 %	Voltage/Current Test	0	0.00 %
<b>Air Blanks During Subject Tests</b>			DSP Test	3	0.11 %
Total # of All Air Blanks 15636			<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with No Message Flag	15556	99.49 %	Total # of All Diagnostic Checks 5352		
# of Air Blanks with Message Flag	80	0.51 %	# of Diagnostic Checks - OK 5348 99.93 %		
			# of Diagnostic Checks - Fail 4 0.07 %		

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