



Florida Department of  
Law Enforcement

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Commissioner

**Alcohol Testing Program**  
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Jeff Atwater, Chief Financial Officer  
Adam Putnam, Commissioner of Agriculture

## Memorandum

**To:** Department Inspectors  
**From:** Brett Kirkland, Program Manager *BK*  
**Date:** Wednesday, July 20, 2016  
**SUBJECT:** Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - February 2016

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

Breath Test Statistics			Alcohol Concentration Statistics From Breath Samples with No Message Flag		
Total Number of Breath Tests:			2737		
<b>Type of Test</b>			Average Breath Alcohol Concentration		
Driving Under the Influence	2691	98.32 %	# of Breath Samples <0.08 g/210L	732	18 %
System Check	0	0.00 %	# of Breath Samples >=0.08 g/210L	3332	82 %
Administrative	18	0.66 %	# of Breath Samples >=0.15 g/210L	2213	54 %
Boating Under the Influence	11	0.40 %	<b>Messages (Total Number of Occurrences)</b>		
Court Ordered	7	0.26 %	Volume Not Met	224	8.18 %
Other	4	0.15 %	Slope Not Met	9	0.33 %
Probation/Parole	5	0.18 %	No Sample Provided	149	5.44 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	96	3.51 %
0.02 Enforcement/Zero Tolerance	1	0.04 %	Subject Test Refused	530	19.36 %
<b>Breath Sample Statistics</b>			Slope Not Level	3	0.11 %
Total Number of Breath Samples			Sequence Aborted	24	0.88 %
Average Breath Volume - All Breath Samples			Interferent Detect	7	0.26 %
1.801 Liters			Improper Sample	7	0.26 %
# of Breath Samples with No Message Flag	4064	80.3 %	Range Exceeded	0	0.00 %
# of Breath Samples with Message Flag	996	19.7 %	Ambient Fail	6	0.22 %
<b>Control Tests During Subject Tests</b>			No 0.02 Agreement	22	0.80 %
Total # of all Control Tests			Purge Fail	32	1.17 %
5386			Control Outside Tolerance	21	0.77 %
Average of all Control Test Results			Temperature Regulation Test	1	0.04 %
0.080			Analytical Stability Test	0	0.00 %
# Control Tests within Acceptable Range	5360	99.52 %	EEPROM Checksum Test	0	0.00 %
# Control Tests - CtI Out Tolerance	22	0.41 %	Voltage/Current Test	2	0.07 %
# Control Tests - Interferent Detect	0	0.00 %	DSP Test	0	0.00 %
# Control Tests with RFI Detect	4	0.07 %	<b>Diagnostic Checks During Subject Tests</b>		
<b>Air Blanks During Subject Tests</b>			Total # of All Diagnostic Checks		
Total # of All Air Blanks			5386		
15647			# of Diagnostic Checks - OK	5383	99.94 %
# of Air Blanks with No Message Flag	15537	99.30 %	# of Diagnostic Checks - Fail	3	0.06 %
# of Air Blanks with Message Flag	110	0.70 %			

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