



Florida Department of  
Law Enforcement

Richard L. Swearingen  
Commissioner

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## Memorandum

To: Department Inspectors  
From: Brett Kirkland, Program Manager *BK*  
Date: Thursday, September 14, 2017  
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - June 2017

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

Breath Test Statistics			Alcohol Concentration Statistics From Breath Samples with No Message Flag		
Total Number of Breath Tests:			2447		
<b>Type of Test</b>			Average Breath Alcohol Concentration		
Driving Under the Influence	2369	96.81 %	# of Breath Samples <0.08 g/210L	766	21 %
System Check	3	0.12 %	# of Breath Samples >=0.08 g/210L	2850	79 %
Administrative	18	0.74 %	# of Breath Samples >=0.15 g/210L	1889	52 %
Boating Under the Influence	34	1.39 %	<b>Messages (Total Number of Occurrences)</b>		
Court Ordered	9	0.37 %	Volume Not Met	205	8.38 %
Other	3	0.12 %	Slope Not Met	4	0.16 %
Probation/Parole	4	0.16 %	No Sample Provided	140	5.72 %
Commercial Motor Vehicle	1	0.04 %	RFI Detect	79	3.23 %
0.02 Enforcement/Zero Tolerance	6	0.25 %	Subject Test Refused	473	19.33 %
<b>Breath Sample Statistics</b>			Slope Not Level	9	0.37 %
Total Number of Breath Samples			Sequence Aborted	17	0.69 %
4493			Interferent Detect	20	0.82 %
Average Breath Volume - All Breath Samples			Improper Sample	6	0.25 %
1.798 Liters			Range Exceeded	0	0.00 %
# of Breath Samples with No Message Flag	3616	80.5 %	Ambient Fail	15	0.61 %
# of Breath Samples with Message Flag	877	19.5 %	No 0.02 Agreement	6	0.25 %
<b>Control Tests During Subject Tests</b>			Purge Fail	23	0.94 %
Total # of all Control Tests			Control Outside Tolerance	26	1.06 %
4771			Temperature Regulation Test	0	0.00 %
Average of all Control Test Results			Analytical Stability Test	2	0.08 %
0.079			EEPROM Checksum Test	0	0.00 %
# Control Tests within Acceptable Range	4728	99.10 %	Voltage/Current Test	2	0.08 %
# Control Tests - Ctl Out Tolerance	26	0.54 %	DSP Test	0	0.00 %
# Control Tests - Interferent Detect	13	0.27 %	<b>Diagnostic Checks During Subject Tests</b>		
# Control Tests with RFI Detect	4	0.08 %	Total # of All Diagnostic Checks		
<b>Air Blanks During Subject Tests</b>			4767		
Total # of All Air Blanks			# of Diagnostic Checks - OK	4763	99.92 %
13901			# of Diagnostic Checks - Fail	4	0.08 %
# of Air Blanks with No Message Flag	13803	99.30 %			
# of Air Blanks with Message Flag	98	0.70 %			

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