



Florida Department of  
Law Enforcement

Richard L. Swearingen  
Commissioner

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## Memorandum

**To:** Department Inspectors  
**From:** Brett Kirkland, Program Manager *BSK*  
**Date:** Tuesday, October 27, 2020  
**SUBJECT:** Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - August 2020

The following information is based on the review of the August 2020 subject tests electronic data:

<b>Breath Test Statistics</b>			<b>Alcohol Concentration Statistics</b>		
Total Number of Breath Tests: 2171			<b>From Breath Samples with No Message Flag</b>		
<b>Type of Test</b>			Average Breath Alcohol Concentration 0.140		
Driving Under the Influence	2106	97.01 %	# of Breath Samples <0.08 g/210L	795	24 %
System Check	0	0.00 %	# of Breath Samples >=0.08 g/210L	2450	76 %
Administrative	6	0.28 %	# of Breath Samples >=0.15 g/210L	1640	51 %
Boating Under the Influence	54	2.49 %	<b>Messages (Total Number of Occurrences)</b>		
Court Ordered	0	0.00 %	Volume Not Met	149	6.86 %
Other	2	0.09 %	Slope Not Met	7	0.32 %
Probation/Parole	1	0.05 %	No Sample Provided	130	5.99 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	91	4.19 %
0.02 Enforcement/Zero Tolerance	2	0.09 %	Subject Test Refused	416	19.16 %
<b>Breath Sample Statistics</b>			Slope Not Level	3	0.14 %
Total Number of Breath Samples 3988			Sequence Aborted	6	0.28 %
Average Breath Volume - All Breath Samples 1.796 Liters			Interferent Detect	14	0.64 %
# of Breath Samples with No Message Flag	3245	81.4 %	Improper Sample	8	0.37 %
# of Breath Samples with Message Flag	743	18.6 %	Range Exceeded	0	0.00 %
<b>Control Tests During Subject Tests</b>			Ambient Fail	5	0.23 %
Total # of all Control Tests 4242			No 0.02 Agreement	8	0.37 %
Average of all Control Test Results 0.079			Purge Fail	6	0.28 %
# Control Tests within Acceptable Range	4212	99.29 %	Control Outside Tolerance	24	1.11 %
# Control Tests - Ctl Out Tolerance	24	0.57 %	Temperature Regulation Test	1	0.05 %
# Control Tests - Interferent Detect	5	0.12 %	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	1	0.05 %
Total # of All Air Blanks 12342			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	12254	99.29 %	<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with Message Flag	88	0.71 %	Total # of All Diagnostic Checks 4241		
			# of Diagnostic Checks - OK	4238	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