



Florida Department of  
Law Enforcement

Richard L. Swearingen  
Commissioner

Criminal Justice Professionalism  
Post Office Box 1489  
Tallahassee, Florida 32302-1489  
(850) 410-8600  
www.fdle.state.fl.us

Rick Scott, Governor  
Pam Bondi, Attorney General  
Jimmy Patronis, Chief Financial Officer  
Adam Putnam, Commissioner of Agriculture

## Memorandum

To: Department Inspectors  
From: Brett Kirkland, Program Manager *BK*  
Date: Thursday, March 05, 2020  
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - 2019

The following information is based on the review of 2019 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 31045			From Breath Samples with No Message Flag		
<b>Type of Test</b>			Average Breath Alcohol Concentration 0.144		
Driving Under the Influence	30117	97.01 %	# of Breath Samples <0.08 g/210L	9359	20 %
System Check	7	0.02 %	# of Breath Samples >=0.08 g/210L	36354	80 %
Administrative	176	0.57 %	# of Breath Samples >=0.15 g/210L	23987	52 %
Boating Under the Influence	524	1.69 %	<b>Messages (Total Number of Occurrences)</b>		
Court Ordered	88	0.28 %	Volume Not Met	2425	7.81 %
Other	32	0.10 %	Slope Not Met	65	0.21 %
Probation/Parole	75	0.24 %	No Sample Provided	2058	6.63 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	1148	3.70 %
0.02 Enforcement/Zero Tolerance	26	0.08 %	Subject Test Refused	6010	19.36 %
<b>Breath Sample Statistics</b>			Slope Not Level	76	0.24 %
Total Number of Breath Samples 56959			Sequence Aborted	140	0.45 %
Average Breath Volume - All Breath Samples 1.771 Liters			Interferent Detect	160	0.52 %
# of Breath Samples with No Message Flag	45713	80.3 %	Improper Sample	152	0.49 %
# of Breath Samples with Message Flag	11246	19.7 %	Range Exceeded	0	0.00 %
<b>Control Tests During Subject Tests</b>			Ambient Fail	95	0.31 %
Total # of all Control Tests 60732			No 0.02 Agreement	139	0.45 %
Average of all Control Test Results 0.080			Purge Fail	207	0.67 %
# Control Tests within Acceptable Range	60226	99.17 %	Control Outside Tolerance	386	1.24 %
# Control Tests - Ctl Out Tolerance	388	0.64 %	Temperature Regulation Test	11	0.04 %
# Control Tests - Interferent Detect	70	0.12 %	Analytical Stability Test	9	0.03 %
# Control Tests with RFI Detect	48	0.08 %	EEPROM Checksum Test	0	0.00 %
<b>Air Blanks During Subject Tests</b>			Voltage/Current Test	20	0.06 %
Total # of All Air Blanks 176553			DSP Test	5	0.02 %
# of Air Blanks with No Message Flag	175261	99.27 %	<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with Message Flag	1292	0.73 %	Total # of All Diagnostic Checks 60722		
Total Number of Evidential Instruments: 509			# of Diagnostic Checks - OK	60669	99.91 %
Total Number of Breath Test Instructors: 75			# of Diagnostic Checks - Fail	53	0.09 %
Total Number of Breath Test Operators: 6612			Total Number of Agency Inspectors: 568		

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