



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

Ron DeSantis, Go
Ashley Moody, Attorney G
Jimmy Patronis, Chief Financial
Nikki Fried, Commissioner of Agric

Memorandum

To: Department Inspectors
From: Brett Kirkland, Program Manager *BK*
Date: Thursday, September 19, 2019
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - May 2019

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

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 2705			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.142		
Driving Under the Influence	2550	94.27 %	# of Breath Samples <0.08 g/210L	827	21 %
System Check	0	0.00 %	# of Breath Samples >=0.08 g/210L	3111	79 %
Administrative	15	0.55 %	# of Breath Samples >=0.15 g/210L	1969	50 %
Boating Under the Influence	127	4.70 %	Messages (Total Number of Occurrences)		
Court Ordered	1	0.04 %	Volume Not Met	242	8.95 %
Other	0	0.00 %	Slope Not Met	5	0.18 %
Probation/Parole	10	0.37 %	No Sample Provided	145	5.36 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	125	4.62 %
0.02 Enforcement/Zero Tolerance	2	0.07 %	Subject Test Refused	529	19.56 %
Breath Sample Statistics			Slope Not Level	11	0.41 %
Total Number of Breath Samples 4918			Sequence Aborted	12	0.44 %
Average Breath Volume - All Breath Samples 1.746 Liters			Interferent Detect	19	0.70 %
# of Breath Samples with No Message Flag	3938	80.1 %	Improper Sample	16	0.59 %
# of Breath Samples with Message Flag	980	19.9 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	3	0.11 %
Total # of all Control Tests 5274			No 0.02 Agreement	8	0.30 %
Average of all Control Test Results 0.079			Purge Fail	10	0.37 %
# Control Tests within Acceptable Range	5233	99.22 %	Control Outside Tolerance	30	1.11 %
# Control Tests - Ctl Out Tolerance	30	0.57 %	Temperature Regulation Test	1	0.04 %
# Control Tests - Interferent Detect	5	0.09 %	Analytical Stability Test	1	0.04 %
# Control Tests with RFI Detect	6	0.11 %	EEPROM Checksum Test	0	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	3	0.11 %
Total # of All Air Blanks 15291			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	15168	99.20 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	123	0.80 %	Total # of All Diagnostic Checks 5274		
			# of Diagnostic Checks - OK	5269	99.91 %
			# of Diagnostic Checks - Fail	5	0.09 %

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

vernor
eneral
Officer
culture