



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: Tuesday, March 20, 2018
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - 2017

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

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests:			30386		
Type of Test			From Breath Samples with No Message Flag		
Driving Under the Influence	29580	97.35 %	Average Breath Alcohol Concentration 0.146		
System Check	13	0.04 %	# of Breath Samples <0.08 g/210L	8678	20 %
Administrative	229	0.75 %	# of Breath Samples >=0.08 g/210L	35643	80 %
Boating Under the Influence	308	1.01 %	# of Breath Samples >=0.15 g/210L	23895	54 %
Court Ordered	110	0.36 %	Messages (Total Number of Occurrences)		
Other	49	0.16 %	Volume Not Met	2473	8.14 %
Probation/Parole	53	0.17 %	Slope Not Met	68	0.22 %
Commercial Motor Vehicle	6	0.02 %	No Sample Provided	1964	6.46 %
0.02 Enforcement/Zero Tolerance	38	0.13 %	RFI Detect	1014	3.34 %
Breath Sample Statistics			Subject Test Refused	5991	19.72 %
Total Number of Breath Samples			Slope Not Level	71	0.23 %
Average Breath Volume - All Breath Samples			Sequence Aborted	164	0.54 %
# of Breath Samples with No Message Flag	44321	79.9 %	Interferent Detect	183	0.60 %
# of Breath Samples with Message Flag	11129	20.1 %	Improper Sample	107	0.35 %
Control Tests During Subject Tests			Range Exceeded	0	0.00 %
Total # of all Control Tests			Ambient Fail	109	0.36 %
Average of all Control Test Results			No 0.02 Agreement	131	0.43 %
# Control Tests within Acceptable Range	58753	99.18 %	Purge Fail	254	0.84 %
# Control Tests - Ctl Out Tolerance	343	0.58 %	Control Outside Tolerance	343	1.13 %
# Control Tests - Interferent Detect	88	0.15 %	Temperature Regulation Test	7	0.02 %
# Control Tests with RFI Detect	54	0.09 %	Analytical Stability Test	9	0.03 %
Air Blanks During Subject Tests			EEPROM Checksum Test	0	0.00 %
Total # of All Air Blanks			Voltage/Current Test	17	0.06 %
# of Air Blanks with No Message Flag	170769	99.31 %	DSP Test	2	0.01 %
# of Air Blanks with Message Flag	1185	0.69 %	Diagnostic Checks During Subject Tests		
Total Number of Evidential Instruments:			Total # of All Diagnostic Checks		
493			59233		
Total Number of Breath Test Instructors:			# of Diagnostic Checks - OK	59194	99.93 %
77			# of Diagnostic Checks - Fail	39	0.07 %
Total Number of Breath Test Operators:			Total Number of Breath Test Operators:		
7150			7150		
Total Number of Agency Inspectors:			Total Number of Agency Inspectors:		
678			678		

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