

The Pennsylvania Ignition Interlock Program

A presentation by the Pennsylvania
Department of Transportation and the
Pennsylvania DUI Association



PA DUI Association Headquarters



**2413 North Front Street
Harrisburg, PA 17110**

Phone: 717-238-4354

Ignition Interlock & the PA DUI Association

- In January of 2002, Penn DOT awarded a contract to the Pennsylvania DUI Association for the Pennsylvania Ignition Interlock Quality Assurance Program.
- The program oversees the quality assurance aspect of the ignition interlock devices approved and used in Pennsylvania, provide technical assistance to manufacturers, service providers and ignition interlock users; and ensures that ignition interlock manufacturers and service providers adhere to the Penn DOT specifications.

Ignition Interlock Quality Assurance Program

- Compiles a directory of service providers
- Compiles statistics
- Monitors manufactures/service providers for compliance
- Provide technical assistance to Ignition Interlock clients and service providers
- Conducts quality assurance inspections of service providers/center, including the review of interlock data
- Survey participating clients

§3805: Ignition Interlock

- Each motor vehicle owned must be equipped with an ignition interlock system
- If there are no motor vehicles owned or registered individuals must so certify to the Department
- Offenders may no longer opt out of ignition interlock

Applying for an Ignition Interlock System/License

- Restoration Requirement letter will be sent thirty (30) days prior to their eligibility date
- An Ignition Interlock Application (DL3731) form will be included
- The customer will be directed to PADUI web-site, or will contact PADUI for a list of vendors in their area

Ignition Interlock Process

- Offender makes appointment with Service Provider
- Completes Self Certification Form DL-21SC
- If applicable, checks for Hardship Exemption
- If applicable, completes Employment Exemption Affidavit
- Ignition Interlock Device installed on all owned/registered vehicles
- Offender receives Restricted License

Exceptions to the Rule

- If no vehicle is owned, a DL21-SC form must be completed by the vendor and submitted to the Department of Transportation.

Pennsylvania Drivers Licenses : Unrestricted VS Restricted License Notice Any Differences?



What is Ignition Interlock?

- **An Ignition interlock is a device that is installed into a motor vehicle to prohibit individuals under the influence of alcohol from starting the vehicle.**



What types of vehicles can utilize this lifesaving technology?

- **ANY** vehicle owned by an individual with multiple offenses in the Commonwealth
 - **Motorcycles, RV's**



PA Ignition Interlock Providers

- Alcolock of PA
- Alcohol Detection Systems, Inc.
- Blow and Drive (BDI) Interlock Services
- Draeger Interlock
- Guardian Interlock
- Interlock of Pennsylvania
- Intoxalock (CST)
- Low Cost Interlock Services (LCI)
- Smart Start
- *Allegheny County Ignition Interlock Services
- *Dauphin County Ignition Interlock Services

What Does an Ignition Interlock Device Look Like?



Intoxalock
(Blow Inhale Blow)



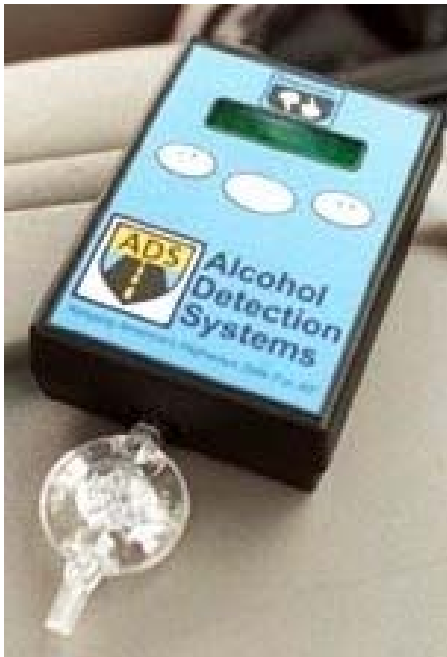
Smart Start &
Allegheny County
(Blow and Hum)



Alcolock GR
Wireless
(Blow then Hum)



Draeger Interlock
(Blow then sharp Inhale)



Alcohol Detection
Systems
(Blow-Suck-Hum)



Guardian Interlock
(Blow the Suck)



Interlock of PA
(Short blow, Suck,
Long blow)



Low Cost
Interlock
(Straight Blow)



Dauphin
County
("Doooooo")



Blow and Drive
(Straight Blow)

➤ How the device works:

- Based on NHTSA guidelines
- The device indicates the results of the breath test thru pass/fail signals (No BAC Display)
- If pass, allows 3 minutes to start car and allows a 3 minute sample free restart period in case of a stall

How the device works:

- A driver must blow a breath sample ($\approx 1.5\text{L}$) into the mouthpiece to start the vehicle
- The device analyzes and measures the breath sample for alcohol concentration
- If alcohol is detected and exceeds 0.025mg , the device will not allow the vehicle's engine to start

How the device works:

- The device is capable of random retesting during the operation of the vehicle (intervals of 5-15-45 minutes)
- The device is capable of detecting circumvention attempts (shorting of device) and preventing bogus or filtered air sample (air compressors or balloons)

How the device works

Device enters into early recall requiring service when:

- 1 running retest violation
- 1 event of tampering
- 1 illegal start violation
- 3 High BACs
- 90% full data logger memory

How the device works:

Ignition Lockouts

- Initial lockout due to breath alcohol of .025 or more = 5 minutes
-
- Subsequent lockouts = 30 minutes
- 3 consecutive lockouts = Permanent Lockout and must be reset by service provider

How the device works:

- The device can record up to 4000 events in the data logger (breath tests, engine on/off, violations ,...)

(See example Data Logger)

The device is required to be re-calibrated in the first 30 days, then every 60 days

Sample Data Logger

02-10-2010

9:39:05 PM Car Restart

9:40:33 PM Car Stop

9:46:05 PM PASSED: BAC=.000 PK=-15 BL=-18 AT=28.8C BT=33. 1C RV=50 T=1.85s

9:46:10 PM Car Start

9:50:54 PM Car Stop

02-11-2010

3:32:24 PM FAILED: BAC=.038 PK=172 BL=-12 AT=14.6C BT=29.0C RV=51 T=10.57s

7:52:05 PM Invalid sample – pressure

7:52:45 PM FAILED: BAC=.031 PK=149 BL=-1 AT=10.7C BT=29.9C RV=50 T=9.93s

Sample Data Logger

02-13-2010

2:09:12 AM PASSED: BAC=.000 PK=-1 BL=-6 AT=3.2C BT=26.6C RV=51 T=2.01s

2:09:20 AM Car Start

2:12:49 AM Car Stop

2:15:03 AM Car Restart

2:15:16 AM REJECTED: Too Soft (MN=42 AN=0 Q1=11 HC=0 SC=0 Q2=0)

02-17-2010

1:15:11 AM Car Stop On Retest

1:21:22 AM PASSED: BAC=.000 PK=33 BL=-11 AT=11.6C BT=30.0C RV=5- T=10.81s

1:21:27 AM Car Start

1:26:59 AM RETEST-PASSED: BAC=.000 PK=31 BL=-6 AT=13.4C BT=31.5C RV=50 T=7.77s

1:37:21 AM Car Stop

4:22:36 AM FAILED: BAC=.173 PK=833 BL=-9 AT=7.1C BT=27.6C RV=50 T=11.13s

§3808 (a)(1)

- **Illegally operating a motor vehicle not equipped with an ignition interlock device**
- Misdemeanor Offense
- Fine \$300 to \$1000
- Up to 90 days incarceration

§3808 (a)(2)

- **Illegally operating without an interlock system .025% BAC and or controlled substance:**
- 3rd Degree Misdemeanor
- \$1000 fine
- Minimum 90 days incarceration

§3808 (b)

- **Tampering with an ignition interlock system:**
- Misdemeanor
- Fine of \$300 to \$1,000
- Up to 90 days incarceration

Tampering continued:

Defined:

- Physical act intended to alter or interfere with the device function.
- Means of using another individual to provide a breath sample.
- Providing a breath sample for the purpose of bypassing a device.

§3808: Penalties cont'd

- License Consequences for Non-compliance of §3805:
- 1st conviction results in one year extension of the ignition interlock program from the date of conviction
- 2nd conviction during the same interlock period results in a one year license suspension and a year of ignition interlock

Circumvention Examples

- Having a sober passenger blow into device.
- Family, friend or another passenger
- Using some form of supplemental air.
 - Blowing into balloon before drinking
 - Air compressor
 - Compressed air cans

Circumvention Examples

- Removal of device by client.
- Insertion of toggle/relay switches.
- Compression Starting a vehicle.
- (“Bump Starting” “Popping the clutch”)

Example of Circumvention (Client Removal)



Examples of clients bypassing the device (Inserting a Toggle Switch)



Tamper Notification

- Service Provider discovers attempt to tamper or circumvent device. Sends Information to PA DUI Assoc.
- PA DUI Association will forward the tamper and all documentation to the District Attorney in the County where the individual was convicted.

BUREAU OF DRIVER LICENSING

Ignition Interlock (II) Device & License

➤ **Required Maintenance**

- Must keep appointments with II Vendor to download data from II device. Every 60 days (first monitoring appointment must be within 30 days after the installation of the device).
- If an individual fails to keep appointment, tampers with or removes II device prior to the 1 year requirement, II license will be cancelled.
- To have the cancel removed, must comply with II Vendor's request for service or re-install II device.

BUREAU OF DRIVER LICENSING

Ignition Interlock (II) License (continued)

➤ Extending II Period

- Failure to keep appointment with II Vendor
- Removal of II device prior to 1 year term
- Conviction for driving a vehicle without a II device
- New suspension during II period

Non-Compliance

Service Provider notifies BDL when:

- Driver has failed to make vehicle(s) available for maintenance
- Driver has purchased a vehicle and did not get device installed
- Driver requested an unauthorized removal of device

Non Compliance Report

Form DL – 373

- Sent by Service Provider to BDL
- Violation Information
 - Driver has failed to make vehicle(s) available for maintenance
 - Driver has purchased a vehicle and did not get device installed
 - Driver requested an unauthorized removal of device

ACT 33 of 2016

effective 8/25/2017

75 Pa.C.S. § 3805 Ignition Interlock

Amends the existing ignition interlock statute (which previously applied only to second-time offenders) to require individuals who have violated §3802, 1547, or 3808(C) to comply with the following:

ACT 33 of 2016

- Any motor vehicle operated by the individual must have ignition interlock.
- If no vehicles are owned or operated they must certify this to PennDOT
- This does not include persons who are subject to penalties under §3804(a)(1) and does not have a prior offense as defined in §3806.

Ignition Interlock Limited License ACT 33

75 Pa.C.S. §1556

This newly created section applies to individuals who have been suspended for DUI under the following sections:

- a. 75 Pa.C.S. §3802 (DUI)
- b. 75 Pa.C.S. §1547 (Refusal)

does not apply to first offense general impairment or those entering into ARD

Suspension Eligibility (ACT33)

- For violation of §1547(b); Refusal
- serve **six months** of the suspension imposed or **twelve months** maximum suspension. (interlock still required for 12 months).
 - §1547(b)(1)(ii) serve **nine months** suspension or **eighteen months** maximum suspension. (II still required)

Suspension Eligibility (ACT 33)

- For a suspension under §3804(e) (first offense) relating to DUI penalties, the individual is eligible for early interlock
- **immediately** , and must have the interlock on the vehicle for one year, or serve the twelve month hard suspension and will still be required to install an interlock device for twelve months.

Act 33 of 2016

DUI OFFENSES					
OFFENSE	NUMBER	Suspension Length	Eligible for Early Interlock	When Eligible	INTERLOCK PERIOD
Gen Imp	First	NONE	N/A	N/A	N/A
	Second	12 Months	Yes	After 6 Months	1 Year
	Third or Subsequent	12 Months	Yes	After 6 Months	
High Rate Minor School/CDL Vehicles	First	12 Months	Yes	Immediately	1 Year
	Second	12 Months	Yes	After 6 Months	1 Year
	Third	18 Months	Yes	After 9 Months	1 Year
	Fourth or Subsequent	18 Months	Yes	After 9 Months	1 Year
Highest Rate Gen Imp -Refusal Controlled Substances	First	12 Months	Yes	Immediately	1 Year
	Second	18 Months	Yes	After 9 Months	1 Year
	Third or Subsequent	18 Months	Yes	After 9 Months	1 Year
ARD Offenses	N/A	N/A	NO	N/A	N/A
OTHER SUSPENSION OFFENSES					
OFFENSE	NUMBER	SUSPENSION LENGTH	ELIGIBLE FOR Early INTERLOCK	WHEN ELIGIBLE	INTERLOCK PERIOD
Refusal to Submit to Chemical Testing for Violation of 3802	First	12 Months	Yes	After 6 months	1 Year
	Second (or prior conviction for DUI)	18 Months	Yes	After 9 Months	1 Year
Ignition Interlock Violations under 3808	First	N/A	N/A	N/A	1 Year (from conviction)
	Second or Subsequent	1 Year	No	N/A	1 Year
Refusal to Submit to Chemical Testing for Violation of 1543(b)(1.1) or Ignition Interlock Violation of 3808(a)(2)	First	6 Months (If no suspension for 3802 imposed)	No	6 Months	1 Year
	Second or Subsequent	6 Months (If no suspension for 3802 imposed) ILL Recalled	No	6 Months	1 Year

Requirements for De-Installs under ACT 33

Ignition Interlocks are still required for one-year in order for the individual to be eligible for an unrestricted license.

In order to apply for and receive an unrestricted license the individual must do the following:

Provide proof that the program has been completed

Deinstalls under ACT 33

- Vendor provides certificate that during the last two months of the program there were no:
 - attempts to start the vehicle with BrAC at or above .08%
 - failures to take or pass a re-test
 - failure to report for calibration, repair, monitoring, or inspection.

2017- Total Number of Installs by County

Adams	76
Allegheny	581
Armstrong	40
Beaver	74
Bedford	33
Berks	171
Blair	83
Bradford	39
Bucks	349
Butler	107
Cambria	63
Cameron	2
Carbon	33
Centre	78
Chester	229
Clarion	21
Clearfield	31
Clinton	25
Columbia	24
Crawford	51
Cumberland	183
Dauphin	153
Delaware	182
Elk	13
Erie	102
Fayette	54
Forest	6
Franklin	101
Fulton	7
Greene	14
Huntington	31
Indiana	44
Jefferson	20
Juniata	12

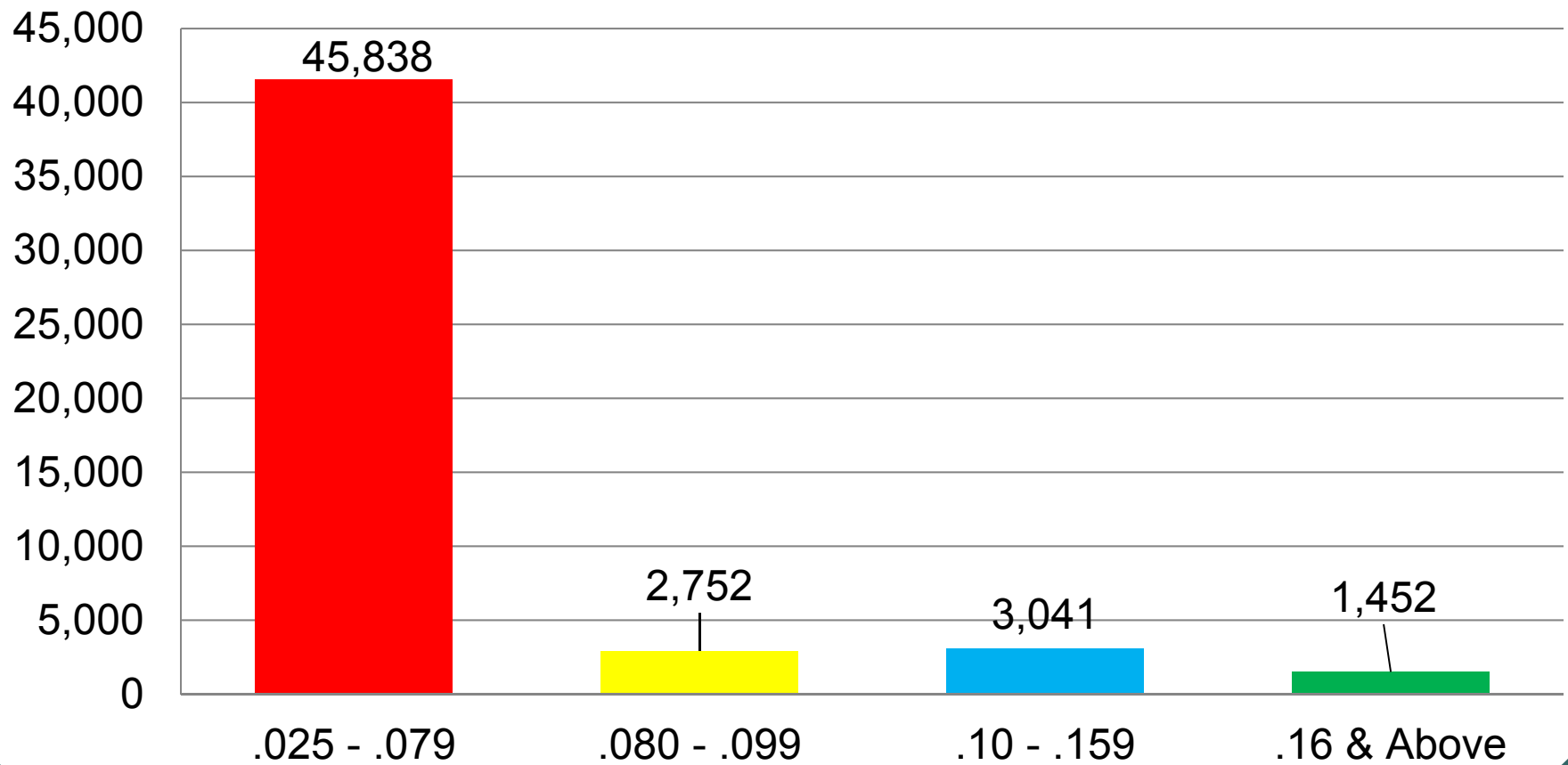
Lackawanna	60
Lancaster	203
Lawrence	31
Lebanon	49
Lehigh	193
Luzerne	109
Lycoming	66
McKean	21
Mercer	44
Mifflin	23
Monroe	104
Montgomery	332
Montour	7
Northampton	171
Northumberland	43
Perry	34
Philadelphia	139
Pike	19
Potter	8
Schuylkill	58
Snyder	18
Somerset	37
Sullivan	4
Susquehanna	16
Tioga	15
Union	12
Venango	18
Warren	21
Washington	107
Wayne	12
Westmoreland	172
Wyoming	27
York	360
Out Of State	34

Total
5599

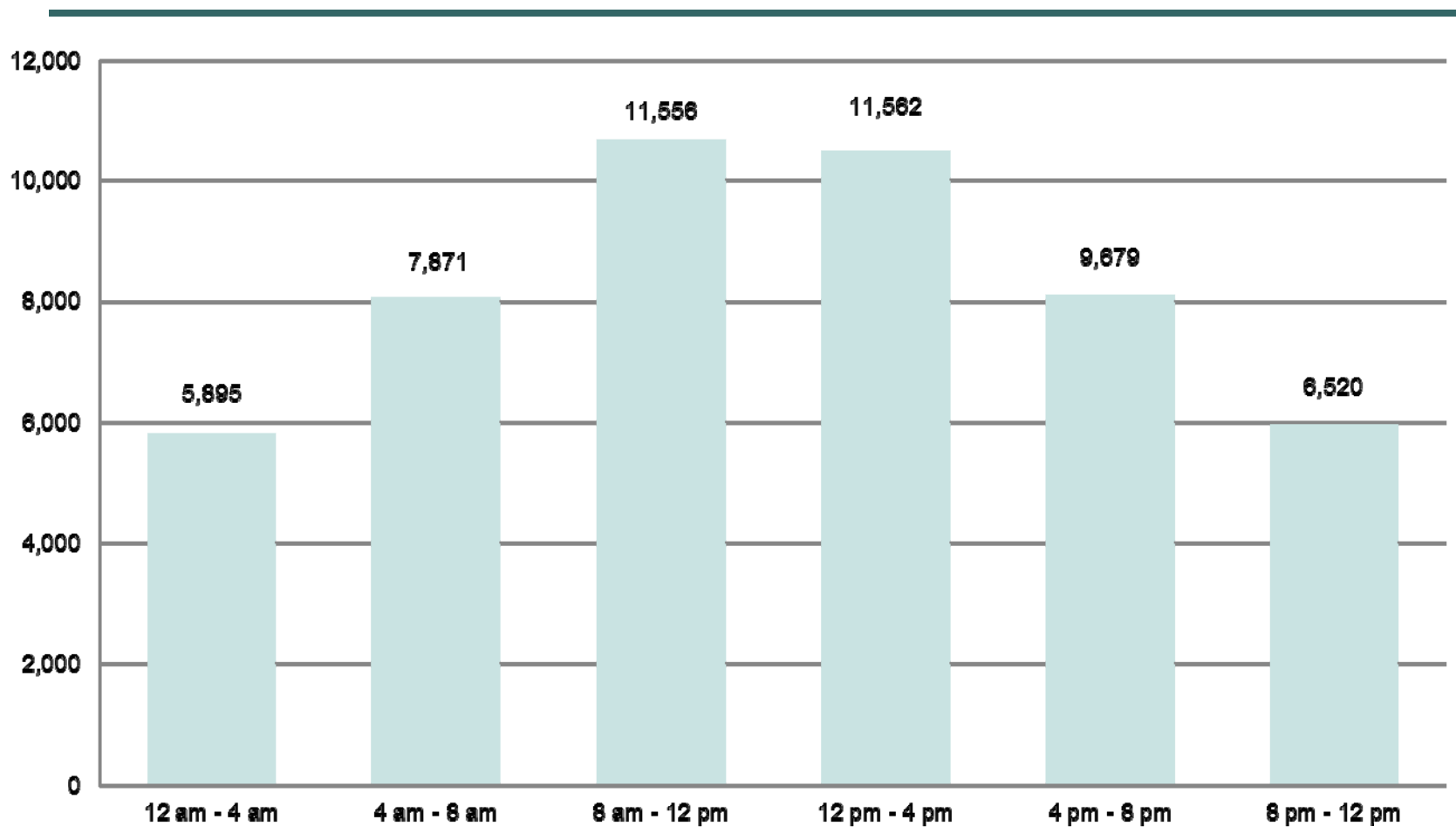
January – December 2016 Ignition Interlock Statistics

- Total Number of Devices Installed
 - **5,599**
- Total Number of Sober Miles Driven
 - **63,661,974**
- Total Numbers of Tests Taken
 - **14,657,225**
- Total Number of Failed Samples Provided
 - **53,083**

BAC Levels



Time of Tests Taken



Why Ignition Interlock

- **50-75 % OF CONVICTED DRUNK DRIVERS WILL CONTINUE TO DRIVE EVEN ON A SUSPENDED LICENSE**

- * Mothers Against Drunk Driving, February 10, 2016.

- **AN AVERAGE DRUNK DRIVER HAS DRIVEN DRUNK OVER 80 TIMES BEFORE FIRST ARREST**

- *Arrest data: Federal Bureau of Investigation, "Crime in the United States: 2014"

PA Ignition Interlock QAP Staff

C. Stephen Erni, Executive Director
Eileen Lee, Director of Ignition Interlock QAP
Ricky Miller, QAP Technician
Russell Young, III, QAP Technician
Ryan Greathouse QAP Technician
Blair Walborn, QAP Technician

Pennsylvania DUI Association

2413 N. Front Street
Harrisburg, PA 17110
717 238-4354

www.padui.org